

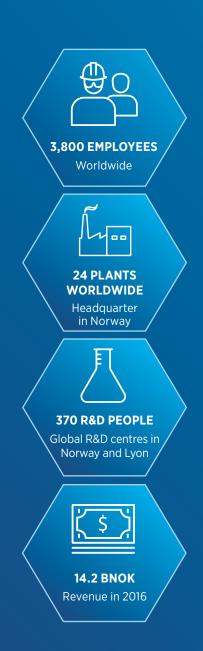
Annual report 2016



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Elkem <u>– an overview</u>





About Elkem

Elkem is one of the world's leading companies in the environmentally responsible manufacture of metals and materials. The main activities are related to production and sale of silicon materials, silicones, ferrosilicon, specialty alloys for the foundry industry, carbon products and microsilica. In 2016 the turnover was NOK 14,226 million and the net profit NOK 758 million. Elkem has 3,800 employees in over 40 countries throughout the world. Elkem is owned by Bluestar Elkem International Luxembourg, which is controlled by China National Bluestar.

2016 in brief

2016 was a strong financial year despite of challenging market conditions, proving that Elkem's specialisation strategy and focus on continuous improvements is working and making Elkem more resilient to fluctuations in the global commodity market. Elkem had a continued focus on growth in 2016, acquiring two new plants as well as commencing production at the new carbon plant in Malaysia and constructing a new ferrosilicon plant in Paraguay.

Key figures

| FINANCIALS | UNIT | 2016 | 2015 | 2014* | 2013* |
|--|-------------|---------|---------|---------|---------|
| Revenues | NOK million | 14 226 | 14 541 | 12 694 | 11 473 |
| EBITDA | NOK million | 1 618 | 2 207 | 1 248 | 819 |
| EBIT | NOK million | 941 | 1 310 | 527 | 345 |
| Profit for the year | NOK million | 758 | 842 | 161 | (268) |
| Total assets | NOK million | 14 813 | 14 477 | 14 579 | 13 086 |
| Net interest-bearing assets /(liabilities) | NOK million | (1 729) | (1 928) | (3 530) | (3 538) |
| Equity | NOK million | 7 459 | 6 167 | 4 754 | 4 022 |
| Equity ratio | Per cent | 50.4 | 42.6 | 32,6 | 30.7 |
| ROCE | Per cent | 10.2 | 15.1 | 6.7 | 4.8 |
| No. of fulltime equvivalent employees | Numbers | 3 806 | 3 628 | 3.459 | 3 420 |

^{*} Bluestar Silicones was acquired in 2015 and is included in comparable figures. Elkem Solar was divested in 2015 and is excluded in comparable figures. Please refer to accounting principles in consolidated financial statement for Elkem AS group for more details.

Being part of global growth

Elkem's financial results for 2016 were good despite challenging market conditions. The results clearly show the excellent quality of Elkem's organisation and management, and demonstrate that our strategy of focusing on specialty products pays off. This means that Elkem is more resilient to fluctuations in the global commodity markets than before.

The merger between Elkem and Bluestar Silicones in 2015 created an integrated value chain from quartz to highly specialised silicones products. The organisation has worked hard to integrate and improve production processes and to realise synergies. Bluestar Silicones, which now forms the Silicones division of Elkem, is an important part of the group's product specialisation strategy.

We also believe that this strategy will make Elkem well positioned to benefit from major trends, which will influence the global economy in the years to come. The demographic trends with increasing population and urbanisation, as well as increased focus on renewable energy and reduced emissions will drive growth for many of Elkem's products

The Bluestar Group has a clear growth strategy with ambitious targets, and Elkem is a very important part of that. Growth, first of all, means that we need to be successful in running our existing business, and in addition, we expect to grow through acquisitions and partnerships. In 2016, we have seen some good examples of such initiatives; Elkem's acquisitions of Fesil Rana Metall AS in Norway and the

foundry business of Minex in India, the opening of a new carbon plant in Sarawak in Malaysia and the construction of a new ferrosilicon plant in Paraguay. Also, the Foundry Products division will move and expand its operations in China in 2017, more than tripling its production capacity. These growth initiatives underpin Elkem's position as a truly global company.

'The demographic trends with increasing population and urbanisation, as well as increased focus on renewable energy and reduced emissions will drive growth for many of Elkem's products.'

Today, many markets are characterised by rapid change and high volatility. An important part of doing business

is to manage change and uncertainties. I feel very comfortable with how Elkem is prepared, both with regards to the way our business is globally distributed and the activities that Elkem is doing to meet future demands regarding sustainability and global trends.

During its long history, Elkem has demonstrated its ability to adjust to trends, and focus on customer needs. In my opinion that is key to success in a dynamic and fast-changing market.

Elkem's business model has proven its resilience several times in the past, based on Elkem Business Systems (EBS) and its focus on continuous improvement. Therefore, Elkem is well positioned to deliver products that support long-term sustainable growth.

I would like to express my sincere thanks to all of Elkem's employees for their strong support and relentless efforts to develop the company.

Michael Koenig

Chairman of the board

Main events in 2016

Q

- Energy recovery upgrade completed at Bjølvefossen
- The New Carbon plant in Malaysia commenced production

Q2

- Michael Koenig, New CEO of China National Bluestar, took position as chairman of the board of directors of Elkem
- Elkem decided to move financial service operations to OSIO

Q3

- Elkem entered into an agreement to purchase all of the shares in Fesil Rana Metall AS
- The Silicones division relocated its Brazilian operations to New premises in Joinville

$\Omega 4$

- Acquisition of the iron foundry business of Minex Metallurgical Co. Ltd. in India
- Acquisition of Fesil Rana Metall AS concluded upon approval from competition authorities







WORDS FROM THE CEO

Specialty products and continuous improvement yield higher growth

Despite a declining trend in market prices for standard silicon and ferrosilicon throughout the second half of 2015 and most of 2016, Elkem delivered a good financial result in 2016. This can be attributed to our specialisation strategy and our continuous improvement efforts. We have been able to both create more value to customers and become more resilient to market fluctuations.

Our specialty product strategy is supported by strong R&D capabilities. We continue to offer advanced materials solutions to tap into new growth segments, driven by megatrends such as increased use of electronics, demand for improved health care, renewable energy and urbanisation. Elkem also focuses on the environmental sustainability of our business to meet the demands from society, governments and customers. We are committed to reducing the company's CO₂-emissions and our long-term vision is to become CO₂ and electricity consumption neutral.

Elkem's investments support the specialisation strategy and are based on a clear growth ambition

Elkem's strategy is to strengthen its market positions in all business segments and in 2016, we are delivering on this strategy.

Elkem's acquisition of the iron foundry business of Minex
Metallurgical Co. Ltd. will enable the group to leverage on its long-term presence in India by having a local manufacturing footprint and take a market leading position. India is one of the fastest growing markets for foundry alloys in the world.

In the first half of 2016, Elkem commenced production at its new carbon plant in Sarawak, Malaysia. The plant will serve customers in a local cluster for power intensive industries and throughout South East Asia.

The acquisition of Fesil Rana Metall AS in Norway, will strengthen Elkem's position as a producer of specialty ferrosilicon and microsilica, and also open up for other products in the future.

Elkem is also part of a joint venture, which is constructing a ferrosilicon plant in Paraguay to supply the growing market for foundry products in South America. The plant is expected to commence production in 2017.

All Elkem's business divisions have contributed to the strong 2016 result

Despite challenging market conditions, Elkem has delivered a strong financial result for 2016. Total operating revenues and EBITDA are down compared to 2015, but this is still one of the best years in Elkem's history in terms of financial performance.

Silicon Materials did exceptionally well considering the challenging market conditions. The division has relentlessly focused on cost improvements and has had a good development in sales volumes.

The Silicones division has delivered well on the specialisation strategy, and further improved cost position based on vertical integration with the Silicon Materials division.

Foundry Products has played an important part in Elkem's global expansion strategy in 2016 with projects in India,

Paraguay and China. The plant in China will move to a new location in 2017 and expand its capacity from 10,000 to 30,000 tonnes per year.

The Carbon division has had a good and stable year. Already a major player in its markets, resources have been dedicated to identifying new business opportunities and ramp up the new plant in Malaysia.

Going forward Elkem will continue to focus and deliver on its strategy to enhance performance and strengthen market positions. In doing so, we depend on the dedication and efforts of our 3,800 employees to grow and develop our company for the future.

Helge Aasen CEO Elkem AS

'We continue to offer advanced

materials solutions to tap into

new growth segments, driven by

megatrends such as increased

use of electronics, demand for

improved health care, renewable

energy and urbanisation.'

Corporate management



Helge Aasen CEO



Morten Viga CFO



Katja Lehland SVP Human resources



Inge Grubben-Strømnes SVP Business development



Håvard I. Moe SVP Elkem Technology



Trond SæterstadSVP Silicon Materials



Frédéric Jacquin SVP Silicones



Asbjørn Søvik SVP Carbon



Jean VilleneuveSVP Foundry Products



Louis Vovelle SVP Innovation and R&D

Board of directors



Michael Koenig CEO of China National Bluestar (Group) Chairman of the board



Sverre T. Tysland Advokatfirmaet Steenstrup Stordrange DA Board member



Olivier de Clermont-Tonnerre Bluestar Silicones Board member



Helge Aasen Elkem AS Board member



Yougen Ge China National Bluestar (Group) Board member



Dazhuang Wang China National Bluestar (Group) Board member



Marianne Færøyvik Employee representative Board member



Einar Støfringshaug Employee representative Board member



Corporate governance

Elkem considers good corporate governance to be a prerequisite for value creation and trustworthiness. Elkem's governance documents set out the principles for how the group should conduct its business.

Elkem's vision is to develop advanced materials that shape the future. This mission helps the group to promote a sustainable future by producing advanced silicon and carbon based solutions that create value for all stakeholders. Elkem operates its business under Elkem Business Systems (EBS), which is dedicated to lean manufacturing and efficient operational processes. This system for continuous improvement is underpinned by Elkem's values: Involvement, Respect, Precision and Continuous improvement, which form the foundations of how we work.

Elkem has a strong commitment to sustainable development and responsible business behaviour and is a signatory to the UN Global Compact. Elkem's corporate social responsibility policy (CSR) is according to the UN Global Compact's ten principles for human rights, labour rights, environment and anti-corruption. CSR forms an important part of Elkem's busi-

ness culture. All employees are obliged to follow Elkem's policies and principles, to report discrepancies according to company guidelines, and to help investigate and correct discrepancies. All employees are given documented training in Elkem's Code of conduct. The formal CSR framework in Elkem includes the following policies and documents approved by the board of directors:

- General policy of Elkem AS
- Elkem policy for corporate social responsibility
- Mandate for the CSR steering committee
- Code of conduct
- Whistle blowing
- Anti-corruption policy
- Competition law compliance policy
- Annual sustainability report

Although Elkem is not listed on the stock exchange, the group intends to follow the principles in the Norwegian Code

of Practice for Corporate Governance. However, only sections which are relevant for Elkem, are commented upon.

Business

Elkem was founded in 1904 and is one of the world's leading companies in the environmentally responsible manufacture of metals and materials. The main activities are related to production and sale of silicon materials, silicones, ferrosilicon, specialty alloys for the foundry industry and carbon products.

According to its articles of association, Elkem's business scope is defined as follows:

The object of the company is to develop and engage in industry, mining, trade and transportation as well as exploration and exploitation of natural resources. The company may also develop, acquire and exploit patents, inventions and technical knowhow.





The company may participate directly or by other means in companies engaged in activities outlined above or activities that promote or support such objects.

Equity

As of 31 December 2016, the group's equity was NOK 7,459 million, which is equivalent to 50% of total assets. Elkem's goal is to have a strong financial profile, taking into account the capital requirements, financial and general business conditions and the maintenance of appropriate financial flexibility of the group. The board considers the group's financial position to be strong.

Elkem's shares are 100% owned by Bluestar Elkem International Co. Ltd. S.A., which is controlled by China National Bluestar (Group) Co. Ltd. (Bluestar).

Board of directors

Elkem is governed by the board of directors, which consists of eight members. The owner Bluestar appoints six members of the board, and two members are elected by the employees.

Mr. Michael Koenig, the CEO of Bluestar, is chairman of the board. Elkem's CEO Helge Aasen is board member elected by the owners and also sits on Bluestar's board of directors. This is in line with Bluestar practice.

For overview of board members, please refer to page 7.

Please refer to note 5 of the consolidated financial statement for overview of remuneration of the board of directors and executive personnel.

The work of the board of directors

The board of directors is responsible for managing the group and shall ensure proper organisation of the group's activities, adopt plans and budgets,

oversee the day-to-day management to ensure that the activities are satisfactorily monitored.

The board has adopted instructions for its work and administrative procedures. These instructions are pursuant to the Public Limited Liability Companies Act. The board instructions also include separate instructions for the CEO.

Elkem's board meets regularly and the CEO shall each year, in consultation with the chairman, propose a meeting plan and a main agenda for the board meetings. The board normally schedules four meetings each year, with additional meetings held on an ad hoc basis.

No board member may participate in discussions or decisions which have particular personal interest or significance to them or someone close to them.

The board receives monthly management reports, which contain overview of financial performance, market development, update on main projects and status on environment, health and safety.

The board has not appointed any board committees.

Risk management and internal control

Elkem has established policies and procedures for risk management and internal control. Governing documents and other tools have been dedicated to the areas of sustainability and social responsibility to safeguard basic human rights, the employees' rights as workers, environmental concerns, a sustainable utilisation of natural resources and business integrity. Elkem does not permit or tolerate engagement in any form of corruption and has implemented an anti-corruption policy that defines different forms of corruption and how it must be avoided.

Assessment of risks include all aspects

of the operation and is delegated as a line responsibility. This includes health and environmental risk, financial risk, market risk, operational risk and regulatory risk. A review of the main risk areas is part of the annual review of the group's strategic plan. The board and the management are regularly updated on the group's performance and decisive measures are taken when needed.

The group's internal control function is exercised through monthly reviews of the business activities at the group management level. The monthly reviews are conducted according to stated agendas and checklists.

A detailed authority structure has been developed to determine who can make decisions at various levels in the organisation.

Elkem has a CSR steering committee, which is responsible for defining and obtaining necessary approvals from the corporate management and the board, and following up governing documents for corporate social responsibility. The committee is also responsible for Elkem's sustainability reporting, including progress on environmental, social and economic development within the Global Reporting Initiative (GRI).

Auditor

Elkem's auditor is appointed by Bluestar.

KPMG is the group's auditor from 2016, succeeding PwC. The general principle of ChemChina and Bluestar is to change auditor every 5-6 years for all group companies.

The auditor is present in at least one board meeting each year, normally to present the results of the interim audit. An annual meeting is held between the board and the auditor without the presence of the CEO or other members of the executive management.

Risk and compliance

RISK FACTOR

DESCRIPTION

Environment, health and safety Hazardous incidents causing serious injury

to personnell, damage to equipment and/or harm to the environment

Elkem's plants are large industrial sites with complex, heavy processes and handling of molten metals, chemical substances and equipment carrying high voltage. This working environment contains risk of hazardous incidents which could have serious or fatal concequences for employees or contractors, or cause serious damage to plant and equipment or cause harm to the environment.

Market conditions - sales prices

Sales prices are determined in international markets and may swing with changes in global demand and production capacity

Elkem's business mainly consists of sales of silicon, ferrosilicon, silicones and carbon related materials. These products are mainly used in other industries. The demand for silicon related materials has increased over the past years and global megatrends are expected to drive continued demand growth. Prices will however, fluctuate with economic cycles and changes in global production capacity, which could have significant impact on Elkem's profitability.

Financial markets

Currency rates fluctuate and may negatively impact financial performance and competitive position

Elkem is operating in international markets. The group has most of its sales in EUR and USD, while the location of its plants gives a significant share of the cost base in other currencies, mainly NOK. In addition, the group presents its accounts in NOK, but it has underlying assets and liabilities in various currencies. Currency changes represent an exposure to Elkem's result, cash flow and equity.

Market conditions – raw materials

Stable supply and favourable pricing of energy and other strategic raw materials are imperative to operations and competitveness Elkem's production processes require significant use of electric energy, mainly for furnace operations. Availability and favourable pricing of energy is of key importance to Elkem's competitivness. Other main input factors include quartz, coal, biocarbon and other strategic rawmaterials.

Operations and production

Elkem's production processes require high level of precision and control. Unreliabilities and disruptions may result in incidents and lost production

Elkem's production processes involve operation of large arc furnaces for production of highly specialsed silicon materials and advanced chemical processes for production of silicones. The processes require high precision in order to secure stable production and consistent high quality to meet customer demands.

Strategy 6

Profitability of new investments and/or integration of new companies may not meet financial or operational expectations

Elkem has an ambition to strengthen its market positions across business segments and markets. This includes organic growth, as well as growth through mergers and acquisitions. Investments in current and/or new markets, or integration of new companies, are based on long-term assumptions regarding prices and future operations. There is a risk of changed market conditions and/or cost overruns. In addition, the group may not be able to capture expected synergies from acquisitions.

Regulatory risk

Elkem may be affected by regulatory changes related to trade and/or environmental frame conditions

Elkem has production facilities and employees in several countries and the group has raw material sourcing and sales in many jurisdictions. Our operations may be affected by changes in trade and currency regulations and other frame conditions.

MITIGATION

Elkem is committed to high environmental, health and safety standards and has closely integrated efforts in these areas with all other activities in the group. Through management commitment, systematic methods, targeted plans and strong organisational participation, Elkem has achieved significant improvements and operates with a low level of serious harm to both employees and the environment. Elkem uses considerable resources to identify hazards and implement appropriate measures to avoid incidents and to reduce risk to an acceptable level. Elkem has insurance policies in place to cover property damage and business interruption and environmental matters.

Elkem seeks to position itself by continuous development and product specialisation to meet customer demands. It is a clear strategic target to continue focus on specialty products rather than commodities to improve margins and reduce cyclicality. Elkem has strong technology and R&D capabilites, which are crucial for developing new products and production processes. Elkem also uses its R&D resources to provide technology support to its customers and these interactions enable Elkem to develop high value products tailored to customer needs. In addition, Elkem aims to establish long-term customer relationships to stabilise volume and production.

Currency exposure and currency effects are monitored and managed centrally. Elkem has a predefined hedging policy to minimise the risk of adverse currency movements. The policy is to hedge 90% of net cash flows which are deemed to be near term and highly probable, and approximately 45% of forecasted (between 4 to 12 months in the future) cash flows. The hedging of forecasted cash flows may vary between 25% and 75% depending on Elkem's overall risk assessment. The hedging policy will largely mitigate the short-term impact of currency movements. Longer term, a strong NOK could negatively affect the group's competitive position.

Elkem has a strong focus on raw material sourcing. Long-term energy contracts are in place to secure base volume and predictable prices. In order to secure operational flexibility some of the energy volume is covered through short-term contracts. Elkem's strategy on other raw materials is to secure stable and predictable prices and timely supply of good quality raw materials that meet the operating requirements. The group has long-term contracts in place for coal and other strategic raw materials. Quartz is mainly supplied from wholly owned mines.

Elkem seeks to manage and optimise its production processes through Elkem Business Systems (EBS). EBS forms the foundation of Elkem's corporate culture and is a set of fundamental principles describing how employees at all levels and in all positions shall work together to achieve common goals and continuous improvement. The four EBS principles are: 1) make to use, 2) empowered people, 3) eliminating waste and 4) processes in control. Extensive training is provided to operators and all processes are closely monitored. Elkem is promoting knowledge-sharing and sharing of best practice across divisions and business units. Elkem's R&D capabilities play an active role in process improvement.

Elkem has a well establised frame work for prioritising new investments. Considerable efforts are made to verify relevant assumptions and future market potential. Cross functional project teams with experienced employees are established for all major projects. Projects are managed according to defined project plans with clear stage gates. Investments are closely monitored and followed up and any deviation is reported to the relevant project steering committee.

Elkem seeks to balance its investments between developed and emerging markets. Developed markets generally provide stable and predictable regulations, however growth opportunities could be limited. Emerging markets generally have higher growth potential, but also higher risk. Elkem's investments in emerging markets have been characterised by low capex and have predominatly been based on organic growth. In addition, Elkem seeks investments with good and stable access to raw materials and proximity to local markets. Elkem's goal is to avoid dependence on single markets for sales and/or raw material sourcing. In addition, Elkem is a member of industrial associations to promote fair, sustainable and competitive framework conditions for the industry.



Elkem's business strategy

Elkem has a diversified business platform with strong market positions in most regions. The group operates in highly competitive and global markets. The product portfolio makes Elkem well positioned to meet demand growth driven by global mega trends. Elkem's strategy is based on systematic cost improvements, further product specialisation and an ambition to strengthen the group's position across all business segments and markets.

Cost reduction and value-chain integration

Elkem is working on systematic cost improvements through the Elkem Business System (EBS) and well-proven 'Cost roadmap' programmes. The internal 'Cost roadmap' approach identifies and supports cost reduction projects in a standardised manner and actively uses intra-plant benchmarking to spread best practices in the group. Operational excellence, economies of scale, low cost power, integrated value chain from raw materials to end-products and advanced energy recovery systems will continue to be key focus areas for securing cost improvements. In addition, investment in research and development will support technological improvements that reduce costs or improve production efficiencies.

Elkem will continue to secure strategic benefits and synergies from the integration of Bluestar Silicones to improve productivity, efficiency and yield, reduce waste, reduce cost and accelerate product development. The focus will in particular be on the internal sourcing of silicon for the production of siloxanes and a production culture focused on continuous improvements. Elkem will also continue its focus on strategic raw material sourcing of e.g. quartz and sustainable charcoal.

Specialty products

Elkem aims to offer its customers products which will enable them to meet a dynamic market environment, where global mega trends are challenging the way we produce and consume products.

Elkem's organisation is set up to support customers and develop tailor made products.

One of Elkem's key goals is therefore to increase its share of specialty products. Specialty products are also important to reduce price volatility. Particularly Foundry Products and Silicones have a high share of specialty products in their portfolio and their ambition is to

increase this even further.

Elkem's organisation is set up to support customers and develop tailor made products. Our sales and technical customer service have strong competence and work closely with our customers to identify their needs and improve their processes. Elkem's strong R&D capabilities are then utilised to develop products and solutions to secure increased value creation.

Elkem may also consider merger and acquisitions to strengthen its market position in certain specialised market segments. One of the main objectives for the investments and acquisitions in 2016 was to provide a platform for increased sale of specialised products in growth markets such as Asia and South America.

Strengthening the market position

Elkem continuously evaluates options for growth across regions and business segments. The strategy is to maintain and further develop Elkem's strong market



positions and to enable the group to benefit from global mega trends, which are expected to drive demand in most of the group's product areas.

Elkem's goal is to increase its production capacity, either by capacity expansion at existing plants, new greenfield investments or through merger and acquisitions. As part of this strategy Elkem has concluded a number of projects in 2016, including acquisition of Fesil Rana Metall AS, the iron foundry business of Minex, the start-up of the greenfield carbon

plant in Malaysia and the construction of a greenfield plant in Paraguay for production of ferrosilicon. In addition, Elkem has made a decision to relocate and expand its foundry alloy plant in China in 2017.

| Global mega trends: | | - Create specific needs: | | - Driving the demand for Elkem's solutions: |
|--------------------------------------|---|---|---|--|
| Emissions control | > | Lightweighting of carsGreater fuel efficiencyReduced emissions | > | Silicon as alloying agent for aluminium to replace steel in cars Lightweight iron castings for autoapplications Silicon-based diesel particle filters |
| Renewable energy | > | Growing use of solar panelsGrowing use of wind energy | > | Silicon for polysilicon and silicones used in solar panels Foundry alloys in castings for windmills Silicon for batteries (storage) |
| Population growth, age and wealth | > | Affordable comfort and personal care Increased food preservation Growing middle class | > | Silicones for use in: Cosmetics Personal care Healthcare Packaging |
| Urbanisation | > | Improved solutions for construction and infrastructure | > | Microsilica for cement additives Silicone sealants for construction applications Ferrosilicon alloys in steel products Foundry alloys in pipes for water transmission |
| Electronics | > | Size reduction / mechanical performance in mobile devices | > | Silicon for polysilicon in mobilephones and other electronic applications Silicon for batteries increase performance |

Analysts and researchers point to global mega trends to understand the forces that are changing and reshaping the world and their impact on societies, economies and businesses.

Global mega trends can be defined in different ways, but usually include climate change and resource scarcity, renewable energy, urbanisation, technological changes and demographic and social changes. These trends fit well with Elkem's product portfolio, making the group well positioned to grow and strengthen its business.

Capital structure and financing

Elkem's goal is to have a strong financial profile, with a sustainable debt level and an adequate liquidity position.

The group's capital structure is considered to be strong. As of 31.12.2016 Elkem's equity was NOK 7.46 billion, which is equivalent to 50% of total assets.

Elkem aims to keep sufficient liquidity reserves to cover known capital needs, and generally not less than 10% of the group's annual turnover. The liquidity reserve is defined as cash and available credit lines. As of 31.12.2016 Elkem had cash and undrawn credit facilities of NOK 2.60 billion, amounting to approx. 18% of annual turnover.

Elkem's net debt amounts to NOK 1.73 billion. All debt financing is handled centrally. The target is to have a smooth maturity profile on the loan portfolio, and the intension is to refinance any significant debt obligation well in advance of its final maturity date. External loan agreements contains two financial covenants;

 Interest Cover Ratio shall exceed 4.0:1.0; and • Equity ratio shall at all times be equal to or more than 30%.

Financial risk management

Elkem is operating in international markets and has most of its sales in EUR and USD. The location of Elkem's plants gives a significant share of the cost base in other currencies, mainly NOK. The group presents its accounts in NOK, but has underlying assets and liabilities in various currencies. Currency fluctuations represent an exposure to Elkem's result, cash flow and equity. These effects are monitored and managed centrally.

Elkem's result and cash flow will improve when the NOK weakens against other currencies, mainly EUR and USD. Annual net cash flows are estimated to approx. EUR 390 million and USD 130 million respectively. A depreciation/appreciation of NOK versus these currencies by 5% is expected to affect the result positively/negatively by approx. NOK 230 million.

Elkem maintains a predefined hedging policy to minimise the risk of adverse currency movements. The policy is to hedge 90% of net cash flows, which is deemed to be near term and highly probable and approximately 45% of forecasted (between 4 to 12 months in the future) cash flows. The hedging of forecasted cash flows may vary between 25% and 75% depending on Elkem's overall risk assessment.

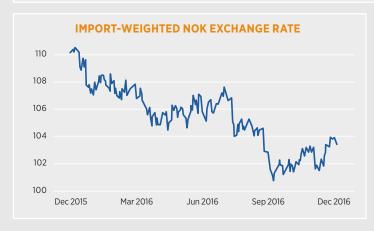
Elkem uses hedge accounting for all cash flow hedges over three months.

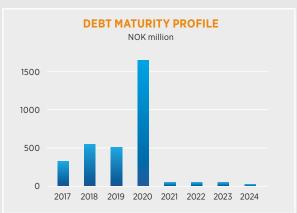
The table below shows the value of EUR and USD versus NOK as of 31.12.2016 and 31.12.2015, including the average rates for 2016. The table shows that the value of NOK has appreciated against EUR and USD. The import-weighted index (144) is published by Norges Bank and shows the NOK versus a weighted basket of currencies. As of 31.12.2016, the index was 103.47, an appreciation of 6% from 31.12.2015. A further appreciation of NOK represents a key risk factor for Elkem.

VALUE OF EUR AND USD VERSUS NOK

| | 31/12/2016 | 31/12/2015 | Average 2016 |
|---------|------------|------------|--------------|
| EUR/NOK | 9.09 | 9.62 | 9.29 |
| USD/NOK | 8.62 | 8.81 | 8.40 |
| 144* | 103.47 | 110.18 | 105.32 |

*The import-weighted index.







ELKEM'S DIVISIONS

Silicon Materials

The Silicon Materials division manufactures and sells silicon and microsilica for a large number of applications. The division delivers products to customers in the chemical, solar, electronics, aluminium, construction, refractory, oil and gas industries worldwide.



Key developments and events 2016

Silicon Materials operates four plants in Norway, including Rana, which was acquired in 2016. In addition to silicon metal the division is producing highly specialised microsilica, which is used as an additive in a large number of product applications. The division also has a special focus on raw materials sourcing.

- Silicon Materials has delivered a good financial result despite challenging market conditions
- Sales prices for silicon dropped approx. 30% from May 2015 to June 2016
- Cost reductions and higher sales volumes have partly offset the effects of lower sales prices
- · Elkem's plants have a strong competitive position and are among the most cost efficient in the world
- The division is differentiating its product portfolio and has launched several new product applications in 2016
- · Elkem Rana, acquired from Fesil, will be integrated in the Silicon Materials division and strengthen the portfolio of differentiated products

PRODUCTS

Silicon produced in different purities and sizes according to customer needs.

Elkem Microsilica®, which is used in construction, refractory, oilfield and polymer industries, because of its many unique properties.

CAPACITY

The division produces approximately 160,000 tons of silicon and 275,000 tonn of microsilica per year.

| KEY NUMBERS 20 | 016 | 2015 Share | of group 2016* |
|-------------------------------------|---------|------------|----------------|
| Revenue NOK million 4 | 4,540 4 | 1,759 | 32% |
| Employed FTE (Full-time equivalent) | 899 | 793 | 24% |

PLANTS

Norway: Salten, Thamshavn, Bremanger and Rana

QUARTZ MINES

Norway: Tana, Mårnes, **Spain**: Explotacion de Rocas Industriales y Minerals SA (Erimsa)

^{*} The division's share of the group revenues is calculated including the division intra group transactions.

ELKEM'S DIVISIONS

Silicones

The Silicones division produces siloxanes and a comprehensive range of silicones, which are a family of specialty, high performance products and materials, produced by reacting silicon with methyl chloride. Silicones are found in a large variety of products used in daily life. The Silicones division is one of the leading producers of airbag coating, paper coating and other specialty products such as defoamers and lubricants. The division trades under the Bluestar Silicones brand name.



Key developments and events 2016

Silicones operates two major plants in France for production of upstream and intermediary products. In addition, the division has production facilities in Europe, North America, South America and Asia for production of specialised silicones products.

- Good sales volumes and strong development in Asia
- Improved cost position due to vertical integration with Elkem
- Production problems, mainly in second quarter, due to interruption of supply of a key raw materials and some strikes in France
- Tragic accident at the Saint-Fons plant end of Q2 with one fatality
- Increased sales of specialities, continued strong focus on R&D and product development
- Brazilian operation relocated and upgraded in 2016 and launch of a completely revamped workshop for Elastomers in Saint-Fons

PRODUCTS

Silicones produced by the division are found in products such as release coatings, rubber, textile coating, healthcare, personal care, mould making, speciality fluids, sealing and bonding and construction.

CAPACITY

The division has an upstream capacity of about 100,000 tonnes per year of siloxane and more than 250,000 tonnes capacity per year of intermediates and silicones.

| KEY NUMBERS | 2016 | 2015 | Share of group 2016* |
|-------------------------------------|-------|-------|----------------------|
| Revenue NOK millions | 5,029 | 4,985 | 35% |
| Employed FTE (Full-time equivalent) | 1,401 | 1,499 | 37% |

PLANTS

France: Roussillon, Saint-Fons

Germany: Lübeck Italy: Caronno

Spain: Santa Perpetua

USA: York China: Shanghai Brazil: Joinville

^{*} The division's share of the group revenues is calculated including the division intra group transactions.

Foundry Products

The Foundry Products division provides metal treatment solutions to iron foundries and is a supplier of high quality speciality ferrosilicon to the steel industry. The automotive, engineering, pipe and steel industries are important markets for the division.



Key developments and events 2016

Foundry Products has a strong global production footprint with plants in Norway, Iceland, Canada, China and India. In addition, the new plant in Paraguay is expected to start production in 2017. The division has a high share of specialised products for the foundry industry.

- Foundry Products delivered record sales and production volumes in 2016
- Sales prices for ferrosilicon dropped approx. 29% from April 2015 to March 2016 and has negatively affected the financial result for 2016
- A number of strategic projects have been concluded in 2016, including acquisition of a foundry alloy plant in
- India and the construction of a new plant in Paraguay
- The plant in China will be relocated in 2017 to increase the production
- In addition, the division has completed a successful rebuild of furnace 2 at Bremanger and installed a new turbine for energy recovery at Bjolvefossen

PRODUCTS

The division is a supplier of high quality speciality ferrosilicon and provides metal treatment solutions to iron foundries.

CAPACITY

The division has a total production capacity of approximately 265,000 tonnes per year, based on its current product mix of ferrosilicon-magnesium (nodularisers), inoculants and ferrosilicon.

| KEY NUMBERS | 2016 | 2015 | Share of group 2016* |
|-------------------------------------|-------|-------|----------------------|
| Revenue NOK million | 3,642 | 3,674 | 26% |
| Employed FTE (Full-time equivalent) | 734 | 626 | 19% |

PLANTS

Norway: Bremanger and Bjølvefossen Iceland: Akranes Canada: Chicoutimi

China: Shizuishan India: Nagpur

*The division share of the group revenues is calculated including the division intra group transactions.

ELKEM'S DIVISIONS

Carbon

The Carbon division produces carbon materials. The main products are Søderberg electrode paste, lining materials, pre-baked electrodes and specialty carbon products for various metallurgical smelting processes and primary aluminium industries.



Key developments and events 2016

The Carbon division has production facilities in Norway, Brazil, South Africa, China and Malaysia. The division has leading positions in most of its markets and a strong fundament for growth based on global strategy and synergies.

- Strong financial performance for the division
- New plant in Malaysia commenced production
- High focus on health and environment with a number of strong initiatives
- Ambitious cost reduction targets through EBS and automation
- Product development to meet new growth segments
- Systematic plan to reduce time to market through streamlining product development processes

PRODUCTS

Söderberg electrode paste, lining materials, pre-baked electrodes and specialty carbon products for various metallurgical smelting processes and primary aluminium industries.

CAPACITY

Carbon has an annual production capacity of approximately 260,000 tonnes of Söderberg electrode paste and approximately 105,000 tonnes of other carbon products, depending on the product mix.

| KEY NUMBERS | 2016 | 2015 | Share of group 2016* |
|-------------------------------------|-------|-------|----------------------|
| Revenue NOK million | 1,375 | 1,388 | 10% |
| Employed FTE (Full-time equivalent) | 420 | 409 | 11% |

PLANTS

Norway: Kristiansand China: Shizuishan Malaysia: Sarawak Brazil: Carboindustrial and Carboderivados. Vitoria **South Africa**: Ferroveld JV, eMalahleni.

*The division's share of the group revenues is calculated including the division intra group transactions.

Elkem group AS Report from the board of directors



Strong results in a weak market

About Flkem

Elkem is one of the world's leading companies for environmentally responsible production of materials. Its principal products are silicon, silicones, ferrosilicon, foundry alloys, carbon materials and microsilica. The company has four business areas and more than 3,800 employees.

Elkem has production facilities in Europe, North and South America, Africa and Asia, as well as an extensive network of sales offices and agents covering the most important markets.

Elkem has centralised support functions and headquarters in Oslo, Norway.

As at 31.12.2016 Elkem AS is owned 100% by Bluestar Elkem International Co. Ltd. S.A., which is under the control of China National Bluestar Group Co. Ltd. (Bluestar).

Elkem's performance in 2016

In 2016, Elkem continued to deliver on its strategic plan via cost and efficiency improvement programmes, increased speciality products sales and exciting growth initiatives. Safety performance was weaker than record year 2015 and zero accident ambition. Financial results were strong, despite reference standard prices declining to near finance crisis levels in 2009. Market positions were strengthened with the acquisitions of new capacity in Norway and India.

EBITDA¹ margin ended at 11.4%, the second best during the past five years. ROCE² was 10.2% which is considered strong, although weaker than record high 2015. Equity ratio ended at slightly above 50% establishing a healthy basis for future growth.

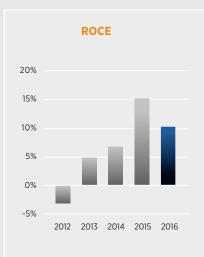
Several initiatives that supports Elkem's strategic path to growth were carried out:

- Fesil Rana Metall AS was acquired on 1 December 2016. The acquisition will strengthen Elkem's speciality ferrosilicon and microsilica portfolio. The acquisition also included increased ownership of Nor-Kvarts AS from 66% to 100%.
- Elkem acquired the iron foundry business of the Indian company Minex Metallurgical Co. Ltd., on 9 December 2016. The acquisition will strengthen Elkem's specialty iron foundry footprint in the fast-growing South East Asian market.
- On 15 September 2016, Silicones re-located and opened a new silicone plant in Joinville, Brazil. The Joinville plant will house a logistics platform that will enable greater efficiency and guicker delivery of products coming from other subsidiaries in Europe, Asia, and North America.
- During the first half of 2016, Elkem commenced production at its new carbon plant in Sarawak, Malaysia.
- During 2016, Elkem invested in energy recovery and SO₂ cleaning initiatives at existing plants in Norway, thus improving energy efficiency and reducing emissions of SO₂.
- During the year, Bluestar Silicones International S.a.r.l. was merged into Elkem AS.

Elkem is persistent to achieve a sustainable improvement culture working along the principles of Elkem Business Systems (EBS) to achieve environment, health and safety (EHS), quality, time and cost improvements. Cost roadmap activities

- ¹ EBITDA: Earnings Before Interest Taxes Depreciation Amortization (Gross operating profit (loss))
- ² ROCE: Return on Capital Employed defined as EBITA / (Fixed Assets + Working Capital)







at several plants and administrative functions, value chain improvements from quartz to silicones, and the simplification of the group's legal structure have contributed to good performance in 2016.

Thanks to great work from our employees and adherence to EBS principles, the group is well positioned to future growth complemented by a strong balance sheet.

Financial results

Operating income for the Elkem group amounted to NOK 14,226 million compared to NOK 14,541 million in 2015. The operating income decreased by 2%, due to significant reduction in silicon and ferrosilicon prices, countered partially by improved sales volumes. Reference CRU prices for standard silicon and ferrosilicon fell by 30% from high level in 2015 to low level in 2016, reaching near 2009 finance crisis levels. Elkem improved speciality sales volume in particular for Foundry Products and Silicones during the year.

Elkem's EBITDA ended at NOK 1,618 million compared to NOK 2,207 million in record year 2015. Considering a steep fall in prices for silicon and ferrosilicon products, the 2016 EBITDA result was strong, helped by higher volumes, reduced raw material prices and strong efforts on the cost improvements for Norwegian smelters in particular. In addition, a higher degree of speciality sales improved profitability compared to 2015.

Silicon Materials experienced a significant price drop year-onyear leading to reduced EBITDA. On average, reference prices fell by 24% during 2016 compared to 2015. The negative price fall was partly countered by approximately 5% higher sales volume. In addition internal cost roadmap initiatives helped position the smelters to the low end on CRU's competitive cost curve.

Silicones experienced 5% lower sales volume and lower prices yielding lower EBITDA in 2016. The lower sales volume was attributed to a planned maintenance shut-down at our upstream facility in Roussillon, in addition to lack of raw materials from our suppliers which also had maintenance shut-down in the same period. Despite lower sales volumes, Silicones had a high degree of speciality sales volumes, in addition to favourable raw material price development in the period.

Foundry Products experienced a reference price drop of 19% on average during 2016 resulting in a reduced EBITDA compared to 2015. The negative price effect was partially countered by increased sales volumes and in particular for speciality products. In addition, lower prices for raw materials and tight cost control contributed to a good result for 2016.

Carbon delivered a strong EBITDA in 2016, matching the record performance in 2015. Sales prices and currency developed favourably, whereas sales volume and mix effects experienced pressure in a weaker market. Carbon Malaysia commenced production and sales during the first half of 2016.

Profit before income tax ended at NOK 947 million positive for the year. Amortisations and depreciations amounted to NOK 718 million. Net finance items amounted to NOK 66 million negative. Foreign exchange gain amounted to NOK 50 million. Income from associates and joint ventures amounted to NOK 22 million positive.

The consolidated profit for the year was NOK 758 million positive, including NOK 189 million tax expense for the year.

Cash flow and balance sheet

Cash flow from operating activities was NOK 1,304 million positive for the year. Operating profit was 941 MNOK positive for continued operations, reflecting healthy earnings in a weak market. Amortisation, depreciation and impairment changes amounted to NOK 730 million. Taxes paid amounted to NOK 200 million for the year.

Cash flow from investing activities amounted to outflow of NOK 1,230 million for the year, which was NOK 167 million more than 2015. Elkem invested NOK 617 million into maintenance, EHS and productivity improvement initiatives during the year. In addition, Elkem invested NOK 179 million into growth and step-change investments into Silicones rubber operations, SO₂ cleaning at Fiskaa Carbon and into early phases of relocation and expansion of Foundry China business. Towards the end of the year, Elkem acquired Fesil Rana Metall AS and Minex Metallurgical Co. Ltd.

Elkem's financial position continued to improve during the year. Elkem's equity was NOK 7,459 million at the end of the year, including non-controlling interest. The equity ratio improved from 43% in 2015 to 50% in 2016, which constitutes a healthy basis for further expansion and growth.

Net interest bearing debt amounted to NOK 1,729 million per 31.12.2016. Cash and cash equivalents amounted to NOK 1,231 million, in addition to NOK 2,105 million in undrawn credit facilities.

The board confirms that the company satisfies the going concern assumption, and that the 2016 annual financial statements have been prepared on this basis.

Changes in accounting principles

Change in accounting policies and errors are recognised retrospectively by restating the comparative amounts for the prior period presented, including the opening balance of the prior year. Change in accounting estimate is recognised prospectively by including it in profit or loss in the period of the change and future periods, if the change affects both.

The Elkem group and Elkem AS has changed the accounting principle for long-term power contracts settled in other currencies than the entity's functional currency. Under the old accounting practice, these contracts were recognised in their entirety on delivery according to the own use exemption in IAS 39. In a letter issued in June 2016, the Financial Supervisory Authority (FSA) of Norway stated that currency portion of these contracts is an embedded derivative that must be separated from the host contract and be accounted for separately as an independent derivative. Elkem group and Elkem AS has chosen to follow the new policy stated by the FSA. For more information please refer to the notes to the financial statements.

Governance

Elkem focuses on good corporate governance and believes this to be key for long-term value creation. The Norwegian Code of Practice for Corporate Governance (Code of Practice) is primarily intended for companies listed on regulated markets in Norway. However, Elkem's board and management intend to follow the Code of Practice where appropriate, even though Elkem is not listed.

The board of directors is responsible for managing the group and ensuring proper organisation and monitoring of the group's activities. Elkem has governance documents approved by the board, setting out the principles for how the group should conduct its business.

The board of directors consists of eight members, six of which are appointed by Bluestar and two which are elected by the employees. The board had four regular board meetings scheduled in 2016. In addition, the board had extraordinary meetings scheduled during the year. In 2016, Michael Koenig replaced Robert Lu as chairman. Michael Koenig was named CEO of Bluestar in January 2016. He graduated from the Chemical Engineering Department of the TU Dortmund University in Germany and has worked in Bayer for many years. Mr. Koenig has extensive experience from China, where he has lived and worked for nearly a decade.

Elkem's executive management team was unchanged during 2016.

Risk management

Elkem aims to manage risk in a systematic and professional manner. The group has policies and procedures in place to secure proper risk management and internal control. Assessment of risks is delegated as a line responsibility to ensure clear ownership for own activities and efficient processes. Corporate management and the board of directors are updated on the development and the overall risk picture for Elkem on a regular basis through internal business reviews and management reports.

Elkem has a corporate social responsibility (CSR) steering committee. The steering committee defines, obtains approval and follows up CSR governing documents in Elkem. The purpose is to safeguard basic human rights, the employees' rights as workers, environmental concerns, sustainable utilisation of natural resources and business integrity. Elkem does not permit or tolerate engagement in any form of corruption and has implemented policies for anti-corruption, competition law compliance and whistle blowing.

The group is exposed to several risk factors, which could have considerable effect on its business performance. The most significant is market risk related to prices and sales volumes of silicon related materials, as well as costs for key raw materials, energy and other consumables. The demand for silicon related materials has increased over the past years and the growth is expected to exceed the growth in global GDP. Demand and prices will, however fluctuate based on economic cycles and competition, and significant price and volume changes can be observed depending on the overall business sentiment. The executive management and the board closely follow up Elkem's financial performance and the market development. Elkem's strategy is to focus on specialised products to meet customer demands and improve pricing stability. In addition, Elkem aims to keep a strong financial profile with adequate equity and liquidity reserves to handle and mitigate the effects of a cyclical downturn.

Elkem's strategy on raw materials and energy is to secure timely supply, and stable and predictable prices, to reduce net exposure through commodity cycles. The group has long-term contracts in place to secure volume of key input factors. Longterm energy contracts are in place to secure base volume and predictable prices. In order to secure operational flexibility some of the energy volume is covered through short-term contracts. Quartz is mainly sourced from own mines.

Elkem has sales revenue and operating costs in various currencies. The group aims to mitigate the currency risk by sourcing raw materials and other costs in the same currencies as the group's sales revenue. However, Elkem has a substantial part of its production in Norway, which gives a large net cost base in Norwegian kroner. Elkem has positive net cash flows in different currencies, mainly EUR and USD and the programme is to hedge 90% of the net exposure on a 0-3 month rolling basis, and between 25 and 75% of expected cash flows on a 4-12 month rolling basis, in order to even out the effect of currency movements on result and cash flow. Forward contracts are mainly used as hedging instruments.

Elkem is actively managing liquidity risk. The group has centralised its liquidity management and monitors the liquidity development through short- and long-term cash forecasts and daily reporting of the liquidity position. The policy is to have a liquidity buffer of minimum 10% of expected annual revenue. The liquidity buffer may consist of cash and undrawn credit facilities.

Counterparty risk is managed centrally and the main part of the accounts receivable is insured by a reputable credit insurance company. Elkem is monitoring the credit risk also for financial trading counterparties.

Social responsibility

Elkem is a signatory to the UN Global Compact and has made a strong commitment to socially responsible and sustainable business practices. Our definition of corporate social responsibility is based on the Global Compact's ten principles for human rights, labour rights, environment and anti-corruption. All employees are obliged to follow Elkem's policies and principles and to report discrepancies according to company guidelines. Our sustainability report details our commitment and activities related to social responsibility, and is written within the framework of the Global Reporting Initiative.

The latest sustainability report can be found online at www.elkem.com/sustainability.

Health and safety

Elkem is committed to high environmental, health and safety standards and has closely integrated efforts in these areas with all other activities throughout the company. Elkem uses considerable resources to identify hazards and implement appropriate measures to reduce risk to an acceptable level, so that all employees and contractors performing work at Elkem can leave their jobs just as healthy as they were when they arrived.

Absenteeism is the key performance indicator for health in Elkem. The average rate of absenteeism measured in percent of available working days for 2016 was 3.8%. This is slightly higher than 2015. This also represents a normal level taking into account the combination of European and non-European plants. Ongoing activities to increase health and wellbeing at Elkem locations include working environment assessments and improvement efforts in the areas of ergonomics, chemical control and noise and dust reduction.

The employee Lost Work Time Injury Rate (H1 = number of lost time injuries per 1,000,000 working hours) for 2016 was 2.4 (1.3 in 2015) while the employee Total Recordable Rate (TRR = H1+H2 = total number of lost work time, medical treatment and restricted work injuries per 1,000,000 working hours) was 5.3 (1.8 in 2015). This represents a substantial setback from 2015 which had record results. The weak result is limited to a small number of plants. Most plants continue to have very good results.

None of the recordable injuries for own employees caused long term injury or loss of function.

Recordable contractor injuries are managed in the same manner as own employee injuries even though they are recorded in separate statistics. There were 20 incidents of contractor

lost work time injuries in 2016 compared to 10 in 2015. We deeply regret that one of these was a fatality. A young logistics operator died in connection with a major fire in one of the warehouses at Saint-Fons in France.

Gender equality

Elkem is committed to provide equal opportunities for all our employees in an inclusive work culture. We appreciate and recognise that every individual is unique and valuable, and should be respected for his or her individual abilities. We do not accept any form of harassment or discrimination based on gender, religion, race, national or ethnic origin, cultural background, social group, disability, sexual orientation, marital status, age or political opinion. Elkem will provide equal employment opportunities and treat all our employees - and job seekers - fairly.

The company has a well-established policy and practice to ensure that there is no discrimination. The policy and established practises include code of conduct, recruitment, compensation and benefits, working conditions, possibilities for promotion, development and protection against harassment.

In 2016, the overall share of female employees in Elkem was 22%. Amongst managers the share was 26%, and amongst white collar workers 35%. Amongst operators the share of women was only 6%. 13% of the employees that left Elkem were women. Elkem monitors the rate of female employees per country to be able to take specific measures to improve the gender balance where appropriate.

Our recruitment policy states that we will encourage women applicants, both through recruitment advertisements and by actively encouraging suitable internal candidates to apply. In our trainee programme we actively prioritise young women applicants and the rate of female trainees was 63% in 2016.

Elkem's policy is equal pay and equal work hours for men and women. Flexible arrangements can be made for employees where appropriate. We are constantly working to improve the automation of our processes, reducing the amount of physically demanding tasks and thereby improving employee health and increasing the number of female operators.

In order to increase the focus on diversity and discrimination across Elkem, we have developed a specific training module about diversity in our leadership programmes. The goal is to teach our leaders the value of diversity, how to lead diverse teams and how they can increase the diversity in their teams, e.g. to avoid unconscious bias and unintended discrimination.

External environment

Elkem converts natural resources such as water, coal, ores and minerals into products that are essential in global economic growth for present and future generations. This conversion of natural resources causes emissions, discharges, and waste.

All emissions, discharges and wastes are recorded and dealt with in compliance with public permits at our sites. Elkem is committed to environmentally responsible production and works continuously to reduce our impact on the external environment.

The main environmental focus during 2016 has been further reduction of dust emissions, energy efficiency and reduced NO_x emissions. In addition, we have significant initiatives to develop new technology that will further reduce our environmental footprint. These initiatives include:

- Several research projects to reduce GHG³ emissions from our production processes
- Programme to upgrade our furnaces with new NO_X-reducing technology
- R&D to develop PAH⁴ free binders for ramming paste and electrode production
- Circular economy initiatives to reduce waste from our processes

Our environmental efforts are further described and accounted for in our sustainability report.

Strategic overview

Foundation

Elkem Business System (EBS) is our working philosophy and is the foundation of Elkem's corporate culture and operations. EBS is a set of fundamental principles describing how we train and involve all employees at all levels and in all positions to engage in improvement activities. EBS is designed and aligned to support the strategic direction and operational goals of Elkem and will drive the behaviour in the organisation to foster a culture of operational excellence, continuous improvement and deep learning.

EBS is built on four basic principles:

- Make to use puts the customer first, both internal and external.
- **Empowered people** is a conviction that the people who perform the tasks are the experts. Elkem ascribes 70% of its success to human input.
- **Eliminating waste** is to drive for perfection and sustainability. Waste includes all unnecessary costs and inefficient use of resources.
- Processes in control is about stable, predictable and consistent processes where unwanted variations are removed.

The four values of Elkem are closely linked to our Business System and are:

- Respect for the law, the environment, our employees, colleagues, customers, suppliers, owners, the society, local communities and cultures.
- **Precision** in developing and following the highest quality standards for best practice and operational excellence so that we can measure and continuously improve them.
- Continuous improvement of the value chain by experimenting, implementing new solutions, and continuously eliminating waste using scientific methods.
- **Involvement** of everyone in the organisation to identify problems and opportunities and to participate in implementing improvements.

Research and development

Elkem has more than 370 researchers and devotes considerable effort and resources to Research and development (R&D), in order to create and develop innovative products, develop environmentally sustainable and energy efficient production technologies and to optimise the full value chains.

Throughout its more than 110-year history, Elkem has supplied and commissioned several hundred furnaces worldwide, and has extensive experience with silicon related processes and other metals and materials. Elkem Pilot Plant is a R&D centre with core competence in metallurgical high temperature processes. Projects and experiments carried out at Elkem Pilot Plant have been decisive for Elkem's development and progress.

The Silicones division has research centres worldwide, with the Lyon Research & Innovation Centre as the main hub. The aim is to constantly source innovation opportunities inside and outside the company to develop and commercialise new silicone technologies. In addition, there is strong cooperation with a broad range of partners: business and industrial partners, universities and research centres, competitive clusters, start-ups and many other institutions throughout the world. Relationships with outside experts allow us to quickly identify new technologies or to work on new developments in existing technologies.

In 2016 Elkem's R&D expenses were NOK 342 million whereof NOK 52 million was capitalised and NOK 289 million was expensed.

Strategic priorities

Elkem's strategy is based on systematic cost improvements, further product specialisation and an ambition to strengthen the group's position across all business segments. It is important to focus on cost and continuous improvement as Elkem operates in highly competitive and global markets. In addition, the focus on product specialisation and strengthening

³ GHG: Greenhouse Gas

⁴ PAH: Polycyclic Aromatic Hydrocarbons

of the market position are important to enable the group to take advantage of global mega trends which are expected to impact societies, economies and businesses.

Cost reduction and value-chain integration

Elkem is working on systematic improvements through the EBS organised as 'Cost Roadmap' programmes. The internal 'Cost Roadmap' approach identifies and supports cost reduction projects in a standardised manner and actively uses intraplant benchmarking to spread best practices in the group. In addition, investment in research and development will support technological improvements that reduce costs or improve production efficiencies.

Elkem will also continue its focus to secure strategic benefits and synergies from the integration of Bluestar Silicones and on strategic raw material sourcing of e.g. quartz and sustainable charcoal.

Specialty products

Elkem aims to increase its share of specialty products. Specialty products are important to meet customer demands based on new requirements and to reduce price volatility on Elkem's products. Elkem's organisation is set up to support customers and develop new tailor made products. Our sales and technical customer service have strong competence and work closely with our customers to identify their needs and improve their processes. Elkem's strong R&D capabilities are then utilised to develop products and solutions to secure increased value creation.

Strengthening the market position

Elkem's strategy is to maintain and further develop its strong market positions. Elkem's goal is to increase production capacity, either by capacity expansion at existing plants, new greenfield investments or through merger and acquisitions.

As part of this strategy, Elkem has concluded a number of projects in 2016. A greenfield plant for carbon products in Malaysia commenced production in the first half of 2016 to serve customers in a newly established industry cluster locally as well as throughout South East Asia.

Elkem acquired Fesil Rana Metall in Norway and the iron foundry business of Minex Metallurgical Co. Ltd. in India.

In addition, a greenfield foundry alloys plant is constructed in Paraguay and is expected to start production in 2017 to supply a growing market for specialty foundry products in South America. In China, Elkem is relocating and increasing its foundry alloys capacity. The project started in 2016 and will be finalised in 2017.

Management responsibility for Chinese assets of the Bluestar Group

China is the fastest growing consumer of the products in

Elkem's portfolio and Bluestar has overlapping activities within the silicon and silicones businesses.

Jiangxi Bluestar Xinghuo Silicones Co., Ltd. (Xinghuo) is a large-scale enterprise producing new chemical materials. The company has an annual capacity of 200,000-ton organic silicon monomers and 80,000-ton caustic soda.

The Lanzhou Bluestar Silicon Material Co Ltd. (Yongdeng) specializes in silicon metal production. The company has a capacity of 50,000 tons/year silicon.

In order to strengthen the silicones value chain of Bluestar, Elkem expects to take the management responsibility of Xinghou and Yongdeng during 2017. The entities will be owned by Bluestar Elkem Investment Co. Ltd. in Hong Kong, which is the holding company for Elkem and REC Solar.

The two Chinese entities will not be legally or financially integrated in Elkem, but Elkem management will assume full day-to-day management responsibilities. The management integration is expected to create significant synergies in the areas of technology, supply and distribution and production. With the management responsibility for the Chinese assets, Elkem will strengthen its position and become a local manufacturer without committing financial resources.

Financial prospects

The Financial statements for 2016 is presented under the assumption of a going concern.

Elkem is sensitive to changes in the macro economic development. World Economic Outlook, issued by International Monetary Fund in October 2016, expects global growth to increase from 3.1% in 2016 to 3.4% in 2017. The prices for silicon and ferrosilicon have shown an increasing trend from second half of 2016 and into 2017. Based on this the market conditions for Elkem's products seem relatively good.

However, raw material prices are also expected to increase, especially energy and coal. The Norwegian krone has strengthened towards the end of 2016 and a further strengthening could have negative effects on Elkem's results.

A key focus area for Elkem in 2017 is to secure a successful integration of the newly acquired businesses and to continue to deliver on the strategic goals of cost and products specialisation. In addition, assuming the management responsibility for the Xinghuo and Yongdeng plants in China will be a key priority.

For 2017, Elkem's total investments are expected to be around NOK 1 billion.

Elkem AS

Elkem AS is the parent company of the Elkem group. The company's accounts have been presented in accordance with the Norwegian Accounting Act and generally accepted accounting practices in Norway. The accounts are prepared on the basis of a going concern assumption.

For Elkem AS the operating income amounted to NOK 7,011 million compared to NOK 7,278 million in 2015. The operating income decreased by 4%. Elkem AS operates in the silicon, ferrosilicon and foundry alloys market and experienced the same reduction in prices as the group during 2016. The operating profit ended at NOK 550 million compared to NOK 5 million last year. The significant increase is in large parts explained by other gains and losses related to operating activities. The change in other gains and losses compared to last year is

explained by the effects of the forward contracts and the development of power prices effecting the valuation of power contracts.

For Elkem AS the financial position also continued to improve during the year. Elkem AS' equity was NOK 4,373 million at the end of the year. The equity ratio improved from 36% in 2015 to 42% in 2016 as the company had a solid profit that in the total was allocated to retained earnings. The net interest bearing debt amounted to NOK 3,548 million per 31.12.2016. Cash and cash equivalents amounted to NOK 292 million.

Allocation of the result

In 2016, the Elkem AS posted a profit of NOK 585 million. The board of directors proposes not to pay any dividend for 2016 and hence transfer the full amount to retained earnings.

Oslo, 3 April 2017

Elkem AS board of directors

Chairman of the board

Einar Stapingshaug

Yougen Ge

Olivier de Clermont-Tonnerre

Dazhuang Wang

Consolidated statement of income

| 1 January - 31 December | Note | 2016 | 2015 |
|---|-------|-------------|-------------|
| Amounts in NOK 1000 | | | |
| Revenues | | 14 045 397 | 14 361 403 |
| Other operating income | | 180 772 | 179 654 |
| Total operating income | 4 | 14 226 169 | 14 541 057 |
| Raw materials and energy for smelting | | (6 899 039) | (6 847 021) |
| Employee benefit expenses | 5 | (2 559 950) | (2 438 997) |
| Other operating expenses | 7,8 | (3 149 390) | (3 048 051) |
| Gross operating profit (loss) | | 1 617 790 | 2 206 988 |
| Amortisations and depreciations | 12 | (717 781) | (674 383) |
| Impairment losses | 12 | (11 818) | (1813) |
| Other gains and losses | 9 | 52 438 | (221 006) |
| Operating profit (loss) | | 940 629 | 1 309 786 |
| Income from associates and joint ventures | 13,14 | 22 130 | 21 327 |
| Finance income | 10 | 22 617 | 57 492 |
| Foreign exchange gains (losses) | 10 | 49 661 | 32 533 |
| Finance expenses | 10 | (88 501) | (154 067) |
| Profit (loss) before income tax | | 946 537 | 1 267 071 |
| Tax (expenses) / income | 11 | (188 567) | (424 663) |
| Profit (loss) for the year from continued operations | | 757 969 | 842 408 |
| Profit (loss) for the year from discontinued operations | 35 | - | (7 097) |
| Profit (loss) for the year | | 757 969 | 835 311 |
| Attributable to: | | | |
| Non-controlling interest's share of profit (loss) | | 36 119 | 33 373 |
| Owners of the parent's share of profit (loss) | | 721 850 | 801 938 |

Consolidated statement of other comprehensive income

| 1 January - 31 December | Note | 2016 | 2015 |
|--|--------|-----------|-----------|
| Amounts in NOK 1000 | | | |
| Profit (loss) for the year | | 757 969 | 835 311 |
| Other comprehensive income: | | | |
| Items that will not be reclassified to profit or loss | | | |
| Remeasurements of post employment benefit obligation | 6 | (55 177) | 18 108 |
| Tax effects on remeasurements of post employment benefit obligation | 11 | 13 587 | (4 617) |
| Share of profit (loss) from associates and joint ventures | 13, 14 | - | 47 |
| | | (41 590) | 13 538 |
| Items that will be reclassified to profit or loss in subsequent periods | | | |
| Currency translation differences | | (64 508) | 251 943 |
| Hedging of net investment in foreign operations | | 25 449 | - |
| Tax effects hedging of net investment in foreign operations | 11 | (6 108) | - |
| Cash flow hedges | 26 | 930 150 | (867 486) |
| Tax effects on cash flow hedges | 11 | (238 356) | 203 982 |
| Share of profit (loss) from associates and joint ventures | 13, 14 | (1 141) | 45 |
| Change in value of available-for-sale financial assets | | 1 718 | - |
| | | 647 204 | (411 516) |
| Other comprehensive income for the year, net of tax | | 605 614 | (397 978) |
| Discontinued operations | | - | 3 422 |
| Total comprehensive income for the year | | 1 363 583 | 440 755 |
| Attributable to: | | | |
| Non-controlling interest's share of comprehensive income | | 32 019 | 42 411 |
| Owners of the parent's share of comprehensive income | | 1 331 564 | 398 344 |
| Total comprehensive income for the year | | 1 363 583 | 440 755 |
| | | | |
| Total comprehensive income attributable to equity shareholders arises from | า: | | |
| - Continuing operations | | 1 331 564 | 402 019 |
| - Discontinued operations | | - | (3 675) |
| Total | | 1 331 564 | 398 344 |

Consolidated statement of financial position

| | Note | 31.12.2016 | 31.12.2015 |
|--|------|------------|------------|
| Amounts in NOK 1000 | | | |
| ASSETS | | | |
| Property, plant and equipment | 12 | 5 909 087 | 5 602 208 |
| Goodwill | 12 | 342 645 | 244 088 |
| Other intangible assets | 12 | 693 013 | 643 493 |
| Deferred tax assets | 11 | 67 348 | 323 969 |
| Investment in joint ventures | 13 | 108 978 | 67 476 |
| Interest in associates and other companies | 14 | 100 516 | 96 046 |
| Derivatives | 26 | 119 161 | 40 480 |
| Other non-current assets | 16 | 370 697 | 217 226 |
| Total non-current assets | | 7 711 445 | 7 234 986 |
| Inventories | 17 | 3 339 415 | 3 302 196 |
| Accounts receivable | 18 | 1870 770 | 1864 010 |
| Derivatives | 26 | 56 388 | 14 332 |
| Other current assets | 19 | 604 656 | 755 737 |
| Cash and cash equivalents | 22 | 1230 668 | 1305 592 |
| Total current assets | | 7 101 897 | 7 241 867 |
| | | | |
| TOTAL ASSETS | | 14 813 342 | 14 476 853 |
| EQUITY AND LIABILITIES | | | |
| Paid-in capital | 20 | 3 088 203 | 3 088 203 |
| Retained earnings | | 4 283 286 | 2 955 625 |
| Non-controlling interest | | 87 553 | 123 219 |
| Total equity | | 7 459 042 | 6 167 047 |
| Interest-bearing non-current liabilities | 22 | 2 834 859 | 3 051 916 |
| Deferred tax liabilities | 11 | 114 182 | 124 476 |
| Pension liabilities | 6 | 425 488 | 393 735 |
| Derivatives | 26 | 561 131 | 925 852 |
| Provisions and other non-current liabilities | 24 | 463 560 | 262 184 |
| Total non-current liabilities | | 4 399 220 | 4 758 163 |
| Assemble manufals | | 1 527 507 | 1 440 570 |
| Accounts payable | | 1 527 587 | 1 448 578 |
| Income tax payables | 22 | 99 387 | 128 496 |
| Interest-bearing current liabilities | 22 | 277 970 | 327 981 |
| Derivatives | 26 | 128 001 | 615 208 |
| | 25 | 922 135 | 1 031 380 |
| Provisions and other current liabilities | | 2.055.222 | 7 4 |
| Total current liabilities Total current liabilities | | 2 955 080 | 3 551 643 |

Oslo, 3 April 2017

Elkem AS board of directors

Chairman of the board

Lo-i Zinar Stahingshaing Marianne Ferogrik
Einar Støfringshaug Marianne Færøyvik

Yougen Ge

Olivier de Clermont-Tonnerre

Helge Aasen, CEO

Helge Auser

Consolidated statement of changes in equity

| | | Other | Total | currency | Cash flow | Other | Total | Total | Non- | |
|---|------------------|-----------------------------|---------------------------------|--|--|--|---|---|---|---|
| | Share | paid-in | paid-in | translation | hedge | retained | retained | owners | controlling | |
| | capital | capital | capital | reserve | reserve | earnings | earnings | share | interest | Tota |
| Amounts in NOK 1000 | | | | | | | | | | |
| Balance 1 January 2016 | 2 010 000 | 1 078 203 | 3 088 203 | 440 734 | (1133 971) | 3 648 862 | 2 955 625 | 6 043 828 | 123 219 | 6 167 04 |
| Profit (loss) for the year | - | - | - | _ | - | 721 850 | 721 850 | 721 850 | 36 119 | 757 96 |
| Other comprehensive | | | | | | | | | | |
| income for the year | - | - | - | (41 067) | 691 794 | (41 013) | 609 714 | 609 714 | (4 100) | 605 61 |
| Total comprehensive | | | | | | | | | | |
| income for the year | - | - | - | (41 067) | 691 794 | 680 837 | 1 331 564 | 1 331 564 | 32 019 | 1 363 58 |
| Dividends to equity holders | s - | - | - | - | - | - | - | - | (40 364) | (40 364 |
| Changes in the | | | | | | | | | | |
| | - | - | - | - | - | (3 903) | (3 903) | (3 903) | (27 321) | (31 224 |
| composition of the group ¹⁾ | | | | | | 4 | | 7 771 400 | 07 EE7 | 7450.04 |
| Balance 31 December 2016 | 2 010 000 | 1078 203 | 3 088 203 | 399 667 | (442 177) | 4 325 /96 | 4 283 286 | 7 3/1 489 | 67 333 | 745904 |
| | 2 010 000 | 1078 203 Other | Total | Foreign currency | (442 177) Cash flow | Other | Total | | | 7459 04 |
| | Share | Other paid-in | Total paid-in | Foreign currency translation | Cash flow hedge | Other retained | Total retained | Total owners | Non- controlling | 7459 04 |
| | | Other | Total | Foreign currency | Cash flow | Other | Total | Total owners | Non- controlling | |
| Balance 31 December 2016 | Share capital | Other paid-in capital | Total paid-in capital | Foreign currency translation reserve | Cash flow hedge | Other retained earnings | Total retained | Total owners share | Non- controlling interest | Tota |
| Balance 31 December 2016 Amounts in NOK 1000 | Share capital | Other paid-in capital | Total paid-in capital | Foreign currency translation reserve | Cash flow hedge reserve | Other retained earnings | Total retained earnings | Total owners share | Non- controlling interest 95 873 | Tota 5 675 41 |
| Amounts in NOK 1000 Balance 31 December 2014 Effect of changes in accounting policy ²⁾ | Share capital | Other paid-in capital | Total paid-in capital | Foreign currency translation reserve | Cash flow hedge reserve | Other retained earnings (203 051) (34 350) | Total retained earnings (475 659) (34 350) | Total owners share 5 579 544 (34 350) | Non- controlling interest 95 873 | Tota 5 675 41 (34 350 |
| Amounts in NOK 1000 Balance 31 December 2014 Effect of changes in accounting policy ²⁾ Balance 1 January 2015 | Share capital | Other paid-in capital | Total paid-in capital | Foreign currency translation reserve | Cash flow hedge reserve (470 467) | Other retained earnings (203 051) (34 350) | Total retained earnings (475 659) (34 350) | Total owners share 5 579 544 (34 350) | Non-controlling interest 95 873 - 95 873 | Tota 5 675 41 (34 350 5 641 06 |
| Amounts in NOK 1000 Balance 31 December 2014 Effect of changes in accounting policy ²⁾ Balance 1 January 2015 Profit (loss) for the year Other comprehensive | Share capital | Other paid-in capital | Total paid-in capital 6 055 203 | Foreign currency translation reserve 197 859 | Cash flow hedge reserve (470 467) | Other retained earnings (203 051) (34 350) (237 401) 801 938 | Total retained earnings (475 659) (34 350) (510 009) 801 938 | Total owners share 5 579 544 (34 350) 5 545 194 801 938 | Non- controlling interest 95 873 - 95 873 33 373 | 5 675 41 (34 350 5 641 06 |
| Amounts in NOK 1000 Balance 31 December 2014 Effect of changes in | Share capital | Other paid-in capital | Total paid-in capital | Foreign currency translation reserve 197 859 | Cash flow hedge reserve (470 467) | Other retained earnings (203 051) (34 350) (237 401) 801 938 | Total retained earnings (475 659) (34 350) (510 009) | Total owners share 5 579 544 (34 350) 5 545 194 801 938 | Non- controlling interest 95 873 - 95 873 33 373 | Tota 5 675 41 |

- 3 082 335 **3 082 335 3 082 335**

- (15 O15) **(15 O15) (15 O15)**

- 3 082 335

- (15 015)

123 219 6 167 047

- **(2967000)** (15 095) **(2982095)**

Conversion of liabilities³⁾

Changes in the

Dividends to equity holders

composition of the group⁴⁾

- (2967000) **(2967000)**

Balance 31 December 2015 2 010 000 1 078 203 3 088 203 440 734 (1 133 971) 3 648 862 2 955 625 6 043 828

 $^{^{\}mbox{\tiny 1)}}$ See note 30 Changes in composition of the group.

 $^{^{\}rm 2)}\,\text{See}$ note 34 Changes in accounting principle.

³⁾ 15 June 2015, a shareholder loan in BSI of EUR 352 million was converted to equity.

⁴⁾ See note 32 Business combinations under common control.

Consolidated statement of cash flow

| 1 January - 31 December | Note | 2016 | 2015 |
|--|------|-------------|-------------|
| Amounts in NOK 1000 | | | |
| Operating profit (loss) | | 940 629 | 1 309 786 |
| Operating profit (loss) - discontinued operations | | - | - |
| Changes in fair value commodity contracts | | (77 598) | 96 908 |
| Amortisation, depreciation and impairment changes | 12 | 729 599 | 676 196 |
| Changes in net working capital | | 98 410 | (171 001) |
| Changes in other working capital | | (123 900) | 98 693 |
| Interest payments received | | 13 919 | 48 986 |
| Interest payments made | | (77 151) | (63 333) |
| Other financial items | | 160 | (2 007) |
| Income taxes paid | | (200 104) | (174 056) |
| Cash flow from operating activities | | 1 303 964 | 1 820 172 |
| Investments in property, plant and equipment and intangible assets | 12 | (755 281) | (1 067 383) |
| Sale of property, plant and equipment | 12 | 3 860 | 4 789 |
| Dividend received | 12 | 26 190 | 32 097 |
| Acquisition of subsidiaries, net of cash acquired | 33 | (471 012) | (15 015) |
| Disposal of other shares | 33 | 277 | (15 015) |
| Payment received on loan to associate and joint venture | | - | 1604 |
| Loan to associate and joint venture | | (34 258) | (20 570) |
| Other investments / sales | | - | 911 |
| Cash flow from investing activities | | (1 230 224) | (1 063 567) |
| | | | |
| Dividends paid to non-controlling interests | | (40 364) | (15 095) |
| Dividends paid to owner of the parent | | - | (1900 000) |
| New interest-bearing loans and borrowings | | 110 115 | 3 510 249 |
| Repayment of interest-bearing loans and borrowings | | (204 603) | (1 787 126) |
| Cash flow from financing activities | | (134 852) | (191 972) |
| Change in cash and cash equivalents | | (61 112) | 564 633 |
| Currency exchange differences | | (13 812) | 45 966 |
| Cash and cash equivalents opening balance | | 1 305 592 | 694 993 |
| Cash and cash equivalents closing balance | 22 | 1 230 668 | 1 305 592 |

Notes to the consolidated financial statement

Amounts in NOK 1000

General information and basis for presentation

The consolidated financial statements for Elkem AS (hereafter Elkem AS group/the group), including notes for the year 2016 were approved by the board of directors of Elkem AS on 3 April 2017. Elkem AS is a limited liability company located in Norway. Elkem AS is fully owned by Bluestar Elkem International Co. Ltd. S.A., Luxembourg, which is under the control of Bluestar Elkem Investment Co. Ltd.. Bluestar Elkem Investment Co. Ltd. is a limited company registered and domiciled in Hong Kong, owned by China National Bluestar (Group) Co. Ltd. (Bluestar).

Elkem AS group is one of the world's leading companies in the environmentally responsible manufacture of metals and materials. The main activities are related to production and sale of silicon materials, silicones, ferrosilicon, speciality alloys for the foundry industry, carbon products and microsilica. Elkem AS group serves several global industries, such as construction, transport, engineering, packaging, aluminium, chemicals, release coatings, healthcare products and electronic markets, and has organised its business to handle market presence and customer focus. Elkem AS group has multiple production facilities located in Europe, North America, South America, Africa and Asia, and an extensive network of sales offices and agents covering most important markets. Core production processes are focused on converting high quality raw material to specialised metals and materials through high temperature smelting processes and further processing. Thus, the business has a high consumption of electrical power, and is also capital intensive, due to the requirement for large and complex processing plants.

The presentation currency of Elkem AS group is NOK (Norwegian Krone). All financial information is presented in NOK thousand, unless otherwise stated. As a result of rounding adjustments, the figures in one or more columns included in the consolidated financial statements, may not add up to the total. Comparable figures are presented as amounts in (NOK 1,000).

Basis for preparation

The consolidated financial statements include the financial statements of Elkem AS and entities controlled directly and indirectly by Elkem AS. The group controls an entity when the group is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. Subsidiaries are fully consolidated from the date on which control is transferred to the group. They are deconsolidated from the date when that control ceases.

The consolidated financial statements are prepared and based on International Financial Reporting Standards as adopted by the EU (IFRS). All subsidiaries are using accounting policies consistent within the group, and all intra-group transactions, balances, income and expenses are eliminated in full on consolidation.

The consolidated financial statements have been prepared on the basis of the going concern assumption.

Significant accounting policies

The consolidated financial statements are prepared on a historical cost basis, with the exception of derivative financial instruments and financial assets held for trading, which are measured at fair value. For assets and liabilities designated as hedged items in a fair value hedge, the recognised amounts are adjusted with the change in the fair value caused by the hedged risk.

Changes in accounting policies, changes in accounting estimates and errors

Changes in accounting policies and errors are recognised retrospectively by restating the comparative amounts for the prior period presented, including the opening balance of the prior year. Change in accounting estimate is recognised prospectively by including it in profit or loss in the period of the change and future periods, if the change affects both.

The Elkem AS group has changed the accounting principle for long-term power contracts settled in other currencies than the entity's functional currency. Under the old accounting practice, these contracts were recognised in their entirety on delivery according to

the own use exemption in IAS 39. In a letter issued in June 2016 the Financial Supervisory Authority (FSA) of Norway stated that the currency portion of these contracts is an embedded derivative that must be separated from the host contract and be accounted for separately as an independent derivative. Elkem group has chosen to follow the new policy stated by the FSA. Comparative figures have been restated, see note 34 Changes in accounting policies.

Business combinations

Business combinations are generally accounted for using the acquisition method in accordance with IFRS 3. The consideration transferred in a business combination, is measured at fair value, and goodwill is measured as the excess of the sum of consideration transferred, and net identifiable value of transferred assets and liabilities. Acquisition-related costs are expensed as incurred.

Business combinations involving entities under common control are accounted for according to the 'pooling of interest method', also called 'the merger method'. This method involves the following:

- · Assets and liabilities of the combining entities are reflected at their carrying amounts.
- No new goodwill is recognised as a result of the combination.
- The income statement reflects the result of the combining entities for the full year, irrespective of when the combination took place. Comparable figures are restated.

Acquisitions of non-controlling interests are accounted for as transactions with owners in their capacity as owners and therefore no goodwill is recognised as a result. Adjustments to non-controlling interests arising from transactions that do not involve the loss of control, is based on a proportionate amount of the net assets of the subsidiary.

Investment in associates

Associates are those entities in which the group has significant influence, but no control over the financial and operating policies. Significant influence is presumed to exist when the group holds between 20% and 50% of the voting power of another entity. Investment in associates are accounted for using the equity method. Under the equity method, the investment is initially recognised at cost, and the carrying amount is increased or decreased to recognize the investor's share of the profit or loss and other comprehensive income of the investee after the date of acquisition. The group's investment in associates includes goodwill identified on acquisition.

Upon disposal of an associate that results in the group loosing significant influence over that associate, any retained investment is measured at fair value at that date.

Joint arrangements

The group applies IFRS 11 to all joint arrangements. Under IFRS 11 investments in joint arrangements are classified as either joint operations or joint ventures, depending on the contractual rights and obligations of each investor.

Joint ventures are accounted for using the equity method. Under the equity method, the investment is initially recognised at cost, and the carrying amount is increased or decreased to recognise the investor's share of the profit or loss, and other comprehensive income of the investee after the date of acquisition.

The group's interest in joint operations is recognised in relation to its interest in the joint operation:

- · Assets, including its share of any assets held jointly
- Liabilities, including its share of any liabilities incurred jointly
- Revenue from the sale of its share of the output arising from the joint operation
- Share of the revenue from the sale of the output by the joint operation
- Expenses, including its share of any expenses incurred jointly

Foreign currencies

Separate financial statements

Each entity in the group determines its functional currency based on the economic environment in which it operates, and items included in the financial statements of each entity are measured using that functional currency. When preparing the financial statements of each individual group entity, transactions in currencies other than the entity's functional currency are recognised in the functional currency, using the transaction date's currency rate.

Monetary items denominated in foreign currencies are presented at the exchange rate on the balance sheet date, and any gains / losses are reported in the income statement. Currency gains / losses related to operating activities, i.e. receivables, payables, bank accounts for operating purposes including short term intragroup balances, are classified as a part of Operating profit (loss). Currency effects included in Finance income and expenses are only related to financing activities like loans, long term placements and dividends. Foreign currency differences are recognised in Other comprehensive income for the following items:

- loans to subsidiaries treated as a part of the net investment
- a financial asset or liability designated as a cash flow hedge to the extent that the hedge is effective
- · loans and currency in foreign currencies, designated as hedging instruments in a hedge of a net investment in a foreign operation

Consolidated financial statements

In consolidation of the statement of income and the statement of financial position for the separate group entities with other functional currency than the group's presentation currency, it is translated directly into the presentation currency as follows:

- · Assets and liabilities are translated using the exchange rate on the balance sheet date
- Income and expenses are translated using an average exchange rate per month
- · Equity transactions, except net profit or loss for the period, are translated using the transaction date rates

All resulting exchange differences are booked as a separate component in Other comprehensive income (OCI)

Any goodwill arising on the acquisition of a foreign operation, and any fair value adjustment to the carrying amount of assets and liabilities arising on the acquisition, are treated as assets and liabilities of the foreign operation, and translated at the closing rate. On disposal of a foreign entity, the deferred cumulative amount recognised in Other comprehensive income relating to that particular foreign operation, is recognised in the profit or loss statement.

Goodwill

Goodwill is initially measured as the excess of the cost of an acquisition over the group's share of the fair values of the acquired entity's net identifiable assets at the acquisition date. If the fair value of the group's interest in the net assets of the acquired subsidiary exceeds the cost of the acquisition (negative goodwill), the differences are recognised directly in profit and loss. Goodwill is carried at cost less accumulated impairment losses. Goodwill is tested for impairment annually, or more frequently when there is an indication of impairment. An impairment loss recognised for goodwill is not reversed in subsequent periods.

Intangible assets

Intangible assets are stated in the consolidated financial statements at cost less accumulated amortisation and accumulated impairment losses. Intangible assets acquired in business combinations are recognised at fair value at the acquisition date. Intangible assets with a finite useful life are amortised, using the straight-line method. The estimated useful lives and amortisation method are reviewed at the end of each reporting period.

An intangible asset is derecognised on disposal, or when the group expects no future economic benefits from its use to be derived. Gain or loss arising from derecognition of an intangible asset, measured as the difference between the net disposal proceeds and the carrying amount of the asset, is recognised in profit or loss.

Expenditure on research activities is recognised as an expense in the period in which it is incurred. An intangible asset arising from an internal development project is recognised if the group can demonstrate technically feasibility of completing the intangible asset, has the intention to complete it, ability to use it, can demonstrate that it will generate probable future economic benefits and the cost can be reliably measured.

Property, plant and equipment

Property, plant and equipment are stated in the consolidated statement of financial position at cost less accumulated depreciation and accumulated impairment losses. Property, plant and equipment acquired in business combinations are recognised at fair value at the acquisition date. Properties in the course of construction are carried at cost less any recognised impairment loss. Such properties are classified to the appropriate categories of property, plant and equipment when completed and ready for the intended use. When parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items.

Initial costs include expenditures that are directly attributable to the acquisition of the asset. Self-constructed assets include the cost of materials and direct labour, any other costs directly attributable to bringing the assets to working condition for their intended use, and estimated dismantling or removing charges.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, when future benefits are probable and the cost can be measured reliably. The carrying amount of the replaced part is derecognised. Major periodic maintenance that is carried out less frequently than every year, is capitalised and depreciated over the period until the next periodic maintenance is performed. All other repairs and maintenance are charged to the income statement when incurred.

Depreciations are calculated based on estimated useful life and expected residual value for each recognised item of Property, plant and equipment, and are recognised in profit or loss using the straight-line method. The estimated useful lives, residual values (if any) and depreciation method is reviewed, and if necessary adjusted, at least annually. Depreciation commences when the assets are ready for their intended use.

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on disposal or retirement of an Property, plant and equipment, determined as the difference between the sales proceeds and the carrying amount of the asset, is recognised in profit or loss.

Impairment of tangible and intangible assets

At the end of each reporting period, the group's management reviews the carrying amounts of its tangible and intangible assets in order to determine whether there is any indication of impairment. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss. The recoverable amount is the higher of fair value less the costs to sell, or its value in use. Value in use is the present value of the future cash flow expected to be derived from the asset or the cash generating unit to which it belongs, after taking into accounts all other relevant information.

The group's cash generating units are reflecting the company's business areas, which are the basis for the management review and monthly report. The capitalised value of tangible and intangible assets within the cash generating units is measured against the value in use of tangible and intangible assets within these units.

Leasing

Leases are classified as financial leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases. Assets held under finance leases are initially recognised as assets of the group at the fair value of the asset and the present value of the minimum lease payment. The corresponding liability to the lessor is included in the consolidated financial statement of financial position as a finance lease obligation. Each lease payment is allocated between the liability and finance charges, so as to achieve a constant rate on the finance balance outstanding.

Non-derivative financial assets not at fair value through profit or loss

Purchases and sales of financial assets are recognised at the date of transaction on which the group is committed to the purchase or the sale of the asset

At initial recognition, the financial assets are carried in the balance sheet at fair value plus any transaction costs directly attributable to the acquisition or issue of the asset. Financial assets are derecognised once the right to future cash flows have expired or been transferred to a third party, and once the group has transferred substantially all the risk and rewards of control of these assets.

Financial assets with a maturity exceeding one year are classified as non-current financial assets. Short term investments that do not meet the definitions of a cash equivalent, and financial assets with a maturity of less than one year, are classified as current financial assets.

Financial assets at fair value through profit or loss

These are financial assets classified as held for trading as the group has acquired the assets for the purpose of selling it in the near term. The assets are carried in the balance sheet at fair value, with gains or losses recognised in the income statement.

Financial assets available for sale

Available-for-sale financial assets are non-derivatives that are either designated in this category or not classified in any of the other categories. These assets are included in non-current assets, unless the management intends to sell the investment within 12 months from the balance sheet date.

Loans and receivables

This category includes operating receivables, loans, guarantee deposits, and cash and cash equivalents.

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in a regulated market. After initial recognition, they are recognised at amortised cost using the effective interest method. Gains and losses are recognised in the consolidated income statement when the loans and receivables are derecognised or impaired, as well as through the amortisation process.

Trade and other receivables are initially recognised at fair value, which in most cases corresponds to their nominal amount. The carrying amount is subsequently measured at amortised cost using the effective interest rate method, less any impairment provision. Short term receivables with no stated interest rate are recognised at their nominal amount.

Cash and cash equivalents are held for the purpose of meeting short term fluctuations in liquidity, rather than for investment purposes. Cash and cash equivalents comprise cash fund and short term deposits. Bank overdrafts are shown within interest bearing current liabilities on the balance sheet. Deposits and drawings within the group bank accounts are netted by offsetting deposits against withdrawals. For the purpose of the consolidated statement of cash flows, cash and cash equivalents consist of cash and short-term deposits, as defined above.

If there is objective evidence of impairment, or if there is a risk that the group may not recover the contractual amounts at the contractual maturity dates, an impairment loss is recognised in the income statement. The provision is equal to the difference between the carrying amount and the estimated future recoverable cash flows.

Non-derivative financial liabilities

Non-derivative financial liabilities include borrowings and trade payables. The liabilities are initially recognised at fair value of the amount required to settle the associated obligation, net of related costs. Subsequently and insofar, as they are not designated as liabilities at fair value through profit or loss, such liabilities are recognised at amortised cost using the effective interest rate method, and the difference between the cost and the amount of repayment being recognised in the income statement over the term of the borrowing. Commitment fees and up-front fees related to bank credit facilities are recognised as part of interest expenses as incurred.

Derivative financial instruments including derivative hedging instruments and non-financial contracts with net settlements that are to be treated as financial derivatives

Derivatives are initially recognised at fair value at the date when the derivative contracts are entered into. Transaction costs that are directly attributable to the acquisition of financial assets or liabilities at fair value through profit or loss, are recognised immediately in profit or loss. Subsequently the derivatives are remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognised in the income statement immediately, unless the derivative is designated and is effective as a hedging instrument, in which case the timing of the recognition in profit or loss depends on the nature of the hedge relationship. Financial assets are derecognised when the rights to receive cash flows from the investments have expired or have been transferred and the group has transferred substantially all risks and rewards of ownership. Financial liabilities are derecognised when they are extinguished.

Hedge accounting

The group can designate certain derivatives as hedging instruments for fair value hedges and cash flow hedges. At the inception of the hedge relationship, the entity documents the relationship between the hedging instrument and the hedged item, along with its risk management objectives and its strategy for undertaking various hedge transactions.

I) Fair value hedges

Changes in the fair value of derivatives that are designated and qualify as fair value hedges, are recognised in profit or loss immediately, together with any changes in the fair value of the hedged asset or liability that are attributable to the hedged risk.

II) Cash flow hedges

The effective portion of changes in the fair value of derivatives that are designated and qualify as cash flow hedges, are recognised in other comprehensive income and accumulated under the heading of cash flow hedging reserve. The gain or loss relating to the ineffective portion is recognised immediately in profit or loss.

When a hedging instrument expires or is sold, or when a hedge no longer meets the criteria for hedge accounting, any cumulative gain or loss existing in comprehensive income at that time remains in equity and is recognised when the forecast transaction is ultimately recognised in the income statement. When a forecast transaction is no longer expected to occur, the cumulative gain or loss that was reported in equity, is immediately transferred to the income statement.

Commodity contract within the scope of IAS 39

Non-financial commodity contracts where the relevant commodity is readily convertible to cash, and where the contracts are not for own use, fall within the scope of IAS 39 Financial instruments - recognition and measurement. Such contracts are treated as derivatives in accordance with IAS 39. The group currently has energy contracts in Norway that do not meet their own use criteria according to IAS 39.5. The contracts must therefore be treated as derivatives and are booked at fair value through profit or loss (see also notes 9, 26 and 27). Commodity contracts within the scope of IAS 39 are classified as current assets or liabilities, unless they are expected to be realised more than 12 months after the balance sheet date. In that case, they are classified as non-current assets or liabilities.

Inventories

Inventories are measured at the lower of cost and net realisable value. The cost of inventory is measured at the cost of raw

materials, energy for smelting, direct labour, other direct costs and production overhead cost based on the higher of actual and normal capacity. Net realisable value represents the estimated selling price for inventories less estimated costs of completion and variable selling expenses.

Cost of goods sold is included in different lines in the income statement based on nature; Raw materials and energy for smelting, Employee benefits and Other operating cost, for the remaining part.

Entities within the group sell goods to other group entities, consequently finished goods from one entity become raw materials or semi finished goods for an other group entity. The classification of goods in Elkem AS group's consolidated financial statements is based on the separate entity's classification.

Taxation

Income taxes

Current tax assets and liabilities are measured at the amount expected to be recovered or paid to the tax authorities. Current tax payable includes any adjustment to tax payable in respect of previous years. Income tax is recognised in the income statement except to the extent that it relates to items recognised directly in equity or in comprehensive income. The group includes deductions for uncertain tax positions when it is probable that the tax position will be sustained in a tax review. The group records provisions relating to uncertain or disputed tax positions at the amount expected to be paid. The provision is reversed if the disputed tax position is settled in favour of the group and can no longer be appealed.

Interest and penalties related to income taxes are classified as tax expense in the statement of income, and accrued interest and penalties are included in income tax payables in statement of financial position.

Deferred tax

Deferred tax assets and liabilities are calculated using the liability method with full allocation for all temporary differences between the tax base and the carrying amount of assets and liabilities in the consolidated financial statements, including tax losses carried forward. Deferred tax relating to items outside profit or loss are recognised in correlation with the underlying transaction either in other comprehensive income or directly in equity. Deferred tax assets and liabilities are not recognised if the temporary difference arises from the initial recognition of goodwill. Deferred tax assets are recognised in the statement of financial position to the extent that it is more likely than not that the tax assets will be utilised against deferred tax liabilities or future taxable income. The tax rates at the end of the reporting period and undiscounted amounts are used. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but they intend to settle current tax liabilities and assets on a net basis, or their tax assets and liabilities will be realised simultaneously.

Employee retirement benefits

Defined contribution plans

Defined contribution plans comprise of arrangements whereby the group makes monthly contributions to the employees' pension plans, and where the future pensions are determined by the amount of the contributions and the return on the individual pension plan asset. The contributions are expensed as incurred, there are no further obligation related to the contribution plans. Prepaid contributions are recognised as an asset.

Defined benefit plans

Defined benefit plans are recognised at present value of future liabilities considered retained at the end of the reporting period, calculated separately for each plan. Plan assets are recorded at fair value, and deducted in calculating the net pension liability. Past service cost arising due to amendments in the benefit plans are expensed as incurred. Accumulated effects of changes in estimates and financial and actuarial assumptions are recognised as Other comprehensive income. Service costs are classified as part of Employee benefit expenses and other employee remuneration and net interest on pension liabilities / assets are presented as a part of Finance expenses.

Multi-employer defined benefit plans, where information is insufficient to be able to calculate the present obligation, are accounted for as a contribution plan. Long term employee benefits are presented as a part of Provisions.

Provisions

A provision is recognised when the group has a present obligation and it is probable that an outflow of resources is required to settle the obligation. The amount recognised is the best estimate of the consideration required to settle the obligation, taking into account the risks and uncertainties surrounding the obligation, known at the end of the reporting period. Provisions are measured at present value, unless the time value is assessed to be immaterial.

Contingent liabilities

Contingent liabilities are liabilities which are not recognised because they are possible obligations that have not yet been confirmed, or they are present obligations where an outflow of resources is not probable. Any significant contingent liabilities are disclosed in the notes.

Contingent assets

Contingent assets are not recognised, but disclosed in the notes if probable.

Revenue recognition and other income

Revenue is recognised when it is probable that transactions will generate future economic benefits for the group and the revenue and the related costs can be measured reliably. Revenue is measured at the fair value of the considerations received or receivable, net of any taxes, rebates and discounts. Revenue and expenses that relate to the same transaction are recognised simultaneously.

Revenue from sale of goods is recognised when the significant risk and reward of the ownership of the goods have passed to the buyer, according to the agreed delivery term for each sale. Delivery terms are based on Incoterms 2010 issued by the International Chamber of Commerce, and the main terms are;

'F' terms, where the buyer arranges and pays for the main carriage. The risk and reward are passed to the buyer when the goods are handled over to the carrier engaged by the buyer.

'C' terms, where the group arranges and pays for the main carriage but without assuming the risk of the main carriage. The risk and reward are passed to the buyer when the goods are handled over to the carrier engaged by the seller.

'D' terms, where the group arranges and pays for the carriage and retain the risk and reward of the goods until delivery at agreed destination. The risk is transferred to the byer upon arrival at agreed destination, usually the purchaser's warehouse.

Revenue from sale of services is recognised when the services has been provided. External sales of electric power are recognised in income on the basis of the price agreed with the customer upon delivery.

Income from insurance settlements are recognised when it is virtually certain that the group will receive the compensation, and presented as other operating income. Interest income is recognised on accrual basis. Dividends are recognised when shareholders' right to receive dividends is determined by the shareholder's meeting.

Grants

Grants are recognised when it is virtually certain that the group will comply with the conditions attached to them, and the grants will be received. Grants relating to property, plant and equipment are deducted from the carrying amount of the asset. The grant is recognised as income over the lifetime of a depreciable asset by reducing the depreciation charge. Grants related to expenses are classified as Other operating income.

CO₂ emission quotas

CO₂ emission quotas allocated from the government are classified as Grants, measured at nominal value (zero). The CO₂ quotas are meant to cover CO₂ emissions from the group's plants in Norway. If actual emissions exceed the allocated emission quotas, additional quotas are purchased. Purchased CO₂ quotas are recognised at cost as Other operating expenses, and any sale of CO₂ quotas are recognised as Other operating income, according to transaction price.

CO₂ compensation

From 2013 the Norwegian government has established a CO₂ compensation scheme to compensate for CO₂ costs included in power contracts. The extent of the scheme may vary considerably from year to year depending on the future carbon price. This compensation scheme applies for the Norwegian plants, and is recognised as Other operating income when there is reasonable assurance that the entity will comply with the conditions attached and the grants will be received.

Statement of cash flows

The statement of cash flows is prepared under the indirect method. Cash inflows and outflows are shown separately for investing and financing activities, while operating activities include both cash and non-cash effect items. Interest received and paid and other financial expenses, such as borrowing fees and bank guarantee expenses, are reported as a part of operating activities. Net currency gains or losses related to financing activities are reported as part of financing activities. Dividend received are included in investing activities.

Events after the reporting period

Events after the reporting period related to the group's financial position at the end of the reporting period, are considered in the financial statement. Events after the reporting period that have no effect on the group's financial position at the end of the reporting period, but will have effect on future financial position, are disclosed if the future effect is material.

New interpretations and changes to existing standards not yet adopted

IASB has published a number of new standards and amendments to standards and interpretations that are not effective for the annual period ending on 31 December 2016. Some of these will affect the Elkem AS group's financial statements when approved by the EU.

The standards that could entail material changes are the new IFRS 16 Leases and IFRS 15 Recognition of Income. The new standards will not come into force until 2018/2019.

Estimated effect of implementing the new IFRS 16 Leases is presented in note 8 Operating lease.

For IFRS 15 Recognition of Income the core principle is for companies to recognise revenue to depict the transfer of goods or services to customers in amounts that reflect the consideration (i.e payment) to which the company expect to be entitled in exchange for those goods or services. The change will affect revenue recognition of combined deliveries. Combined deliveries means tied sales where it is difficult to distinguish between the purchased product and additional deliveries. The change is estimated to have limited effect on Elkem AS group periodisation of revenue.

Accounting estimates

The preparation of the consolidated financial statements according to IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and judgements are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. Revisions of reported estimates are recognised in the period in which the estimates are revised and in any future period affected.

The management makes estimates and assumptions concerning the future, the resulting accounting estimates will, by definition, seldom equal the actual outcome. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are addressed below.

Property plant and equipment and intangible assets

The valuation of assets in connection with business combinations and testing of property, plant and equipment and intangible assets for impairment (see note 12 Property, plant and equipment and Intangible assets), is to a large extent be based on estimated future cash flows. These calculations require the use of estimates for cash flows and the choice of discount rate before tax for discounting the cash flows. Tangible and intangible assets are tested for impairment if there are indicators that an asset may be impaired. Intangible assets that are not amortised are, as a minimum, tested annually for impairment. Indicators of impairment will typically be changes in technological development and changes in the competitive situation.

Estimated useful lives, residual values (if any) included in calculation of depreciation and amortisation are reviewed, and if necessary adjusted, at least annually.

Deferred tax assets

The group performs annual tests for impairment of deferred tax assets. Part of the basis for recognising deferred tax assets is based on applying the loss carried forward against future taxable income in the group, which requires use of estimates for calculating future taxable income

Financial instruments

Fair value for financial instruments are based on observable prices and assumptions derived from observable prices for comparable instruments. Net booked value as of 31 December 2016 is in total negative NOK 474 million, see note 26 Financial instruments for further details and note 27 Financial risk and capital management for sensitivity.

Provisions

Elkem AS group has several type of provisions due to its operations. The main types of provisions are related to committments to restore the site of operations to its original conditions after use, environmental measurements, warranties and litigations. Such liabilities are normally uncertain in timing and amount, and recognised amounts are estimated based on the available information on the balance sheet date. The estimates are updated when new or updated information are available. See note 24 Provisions and other non-current liabilities.

4 Operating income

| By type | 2016 | 2015 |
|--|------------|------------|
| Revenue from sale of goods - external ¹⁾ | 13 694 865 | 13 965 620 |
| Revenue from sale of goods - China National Bluestar Group ²⁾ | 32 526 | 4 956 |
| Other operating revenue - external | 294 489 | 359 944 |
| Other operating revenue - China National Bluestar Group ²⁾ | 23 517 | 30 882 |
| Total revenue | 14 045 397 | 14 361 403 |
| Other operating income | 180 772 | 179 654 |
| Total operating income | 14 226 169 | 14 541 057 |

¹⁾ Included in Revenue from sale of goods is sale of power NOK 349,855 thousand in 2016 and NOK 305,246 thousand in 2015. The sales of power are towards the Norwegian market.

 $^{^{\}scriptscriptstyle{2)}}$ See note 28 Related party transactions.

| Total operating income by geographic market (customer location) | 2016 | 2015 |
|---|------------|------------|
| Nordic countries | 1 537 040 | 1 625 423 |
| United Kingdom | 663 971 | 641 712 |
| Germany | 2 110 424 | 2 407 475 |
| France | 584 478 | 693 503 |
| Italy | 586 826 | 643 274 |
| Poland | 318 919 | 362 395 |
| Luxembourg | 281 462 | 336 461 |
| Other European countries | 1 667 185 | 1 524 828 |
| Europe | 7 750 304 | 8 235 073 |
| Africa | 112 217 | 149 103 |
| North America | 2 106 207 | 2 134 002 |
| South America | 880 824 | 632 801 |
| America | 2 987 031 | 2 766 803 |
| China | 1 030 290 | 973 926 |
| Japan | 675 183 | 632 016 |
| South Korea | 437 043 | 527 829 |
| Other Asian countries | 1 168 473 | 1 182 072 |
| Asia | 3 310 989 | 3 315 843 |
| Rest of the world | 65 628 | 74 236 |
| Total operating income | 14 226 169 | 14 541 057 |

Elkem AS group has several smaller and larger external customers, no single customer amount to 10% or more of the operating income.

| Total other operating income | 180 772 | 179 654 |
|-----------------------------------|---------|---------|
| Other | 739 | 443 |
| Received grants ¹⁾ | 175 777 | 176 231 |
| Insurance settlement | 216 | 1 817 |
| Sale of fixed assets | 4 040 | 1164 |
| Details of other operating income | 2016 | 2015 |

¹⁾ See note 29 Grants.

5 Employee benefit expenses

| | 2016 | 2015 |
|--|-------------|-------------|
| Salaries and other benefits | (1 993 557) | (1 918 408) |
| Employer's national insurance contribution | (432 723) | (396 097) |
| Employee retirement benefits ¹⁾ | (79 347) | (86 371) |
| Other payments / benefits | (54 323) | (38 121) |
| Total employee benefit expenses | (2 559 950) | (2 438 997) |
| ¹⁾ See note 6 Employee retirement benefits. | | |
| Number of full time equivalent employees in Elkem AS group | 3 806 | 3 628 |
| Salary and other compensations above include the following compensations | | |
| Compensation to members of the board | 2016 | 2015 |
| Payment to board members in total | (489) | (489) |

Senior staff compensation

Helge Aasen is the CEO of Elkem AS.

| Salary and other compensations to the CEO | 2016 | 2015 |
|---|---------|---------|
| Salary, including holiday pay | (5 111) | (4 676) |
| Bonus ¹⁾ | (3 148) | (3 095) |
| Free car | (130) | (130) |
| Other compensation | (28) | (35) |
| Pension cost | (640) | (475) |

¹⁾ In addition to the performance bonus, a strategic project bonus of NOK 407 thousand and a ChemChina award of NOK 604 thousand were paid in 2016. In 2015 bonus payment included a 25 years anniversary payment of NOK 228 thousand and a ChemChina award of NOK 681 thousand.

Retirement age for the CEO is 65-70 years. Pension from the age of 70 and other pensions regarding spouse, children and disability are paid in accordance with the general pension policy of the company. In addition to the general pension policy of the company, the CEO is entitled to an early retirement pension from the age of 65, of 60 % of pensionable salary.

The CEO is also entitled to a performance bonus equivalent to maximum 100% of the base salary, based on the company's performance.

The following applies for the CEO upon termination by the company:

- Termination payment equal to 12 months' salary is to be paid on the last working day
- Severance payment equivalent to 18 months' salary

Loans and guarantees to employees

There are no loans or guarantees to board members or the CEO.

6 Employee retirement benefits

Elkem AS group has both defined contribution and defined benefit plans. For defined contribution plans the cost is equal to the group's contribution to the employee's pension savings during the period. For defined benefit plans the cost is calculated based on actuarial valuation methods, taking assumptions related to the employee's salary, turnover, mortality, discount rate, etc. into consideration.

Defined contribution plan

Defined contribution plans comprise arrangements whereby the company makes annual contributions to the employee's pension plan, and where the employee's future pension is determined by the amount of the contributions and the return on the pension plan asset. Contribution plans also comprise pension plans that are common to several companies, and where the pension premium is determined independently by the demographic profile in the individual companies (multi-employer plans). Employees in the group's Norwegian entities are primarily covered by pension plans that are classified as contribution plans.

The early retirement scheme effective from 2011 in Norway, is defined as a multi-employer plan and the costs are accounted for based on received invoices from 'Fellesordningen for AFP'. The plan is accounted for as a defined contribution plan, as the plan's administrators have not been able to calculate the pension obligation for each entity participating in the plan.

Defined benefit plans

Defined benefit plans are pension plans where the group is responsible for paying pensions at a certain level, based on employees' salaries when retiring. The group has funded and unfunded benefit plans in Norway, France, Germany, UK, Canada, Japan and South Africa, distributed as follows: Norway 16%, France 46%, other Europe 21%, Canada 14%, other countries 3%, based on net pension obligation per 31 December 2016. In Norway most of the pension plans comprise pension on salaries above a certain level (12G, where G refers to the national insurance scheme's basic amount in Norway, amounting to NOK 92,576 for 2016) and closed individual retirement schemes, plans which are unfunded. In Canada provisions are made for medical insurance as well as pension benefit plans.

Net interest is calculated based on net pension liability at the start of the period, multiplied by the discount rate. Any difference between actual return on pension assets and the interest income calculated as a part of the net interest, will be recognised directly in OCI. Interest on net pension liabilities are presented as a part of Finance expenses.

| Breakdown of net pension expenses | 2016 | 2015 |
|--|-----------|-----------|
| Current service expenses | (23 704) | (29 152) |
| Accrued employer's national insurance contribution | (290) | (453) |
| General administration expenses | (820) | (587) |
| Net pension expenses, defined benefit plans | (24 814) | (30 192) |
| Curtailment/settlement of pension plans | 11 241 | _ |
| Defined contribution plans | (52 160) | (42 970) |
| Early retirement scheme AFP (Norway) | (13 614) | (13 209) |
| Pension contribution expenses | (54 533) | (56 179) |
| Net pension expenses total | (79 347) | (86 371) |
| In addition, interest expenses on net pension liabilities is recognised as a part of finance expenses. | (9 640) | (9 804) |
| Net liabilities arising from defined benefit obligations | 2016 | 2015 |
| Present value of funded pension obligation | (434 716) | (391 500) |
| Fair value of plan assets | 395 299 | 363 632 |
| Net funded pension obligation | (39 417) | (27 868) |
| Present value of unfunded pension obligation | (383 122) | (365 868) |
| Net value of funded and unfunded obligations | (422 539) | (393 735) |
| Net pension liabilities | (422 539) | (393 735) |
| Booked net pension assets | 2 949 | _ |
| Booked net pension liabilities | (425 488) | (393 735) |
| Net pension liabilities | (422 539) | (393 735) |
| | | |

Movement in the defined benefit obligations and plan assets

| Movement in defined benefit obligations | 2016 | 2015 |
|---|-----------|-----------|
| Opening balance | (757 368) | (730 942) |
| Current service expenses and social contribution tax | (23 994) | (29 605) |
| Interest expenses | (23 938) | (23 114) |
| Actuarial gains / (losses) | (64 736) | 9 672 |
| Benefits paid | 40 710 | 44 229 |
| Business combinations and disposals | (27 288) | - |
| Curtailments/settlements | 11 241 | - |
| Other changes | (5 570) | (935) |
| Currency translation | 33 104 | (26 672) |
| Present value of pension obligation as at 31 December | (817 838) | (757 368) |
| | | |
| | | |

| Movement in fair value of plan assets | 2016 | 2015 |
|---|----------|----------|
| Opening balance | 363 633 | 340 166 |
| Interest income | 14 298 | 13 268 |
| Administration cost | (820) | (587) |
| Actuarial gains / (losses) | 9 559 | 8 437 |
| Contributions from employer and plan participants | 15 648 | 9 901 |
| Benefits paid | (21 229) | (16 009) |
| Other changes | 4 800 | 234 |
| Business combinations and disposals | 26 509 | - |
| Currency translation | (17 099) | 8 223 |
| Fair value of plan assets as at 31 December | 395 300 | 363 633 |

| Breakdown of pension plan assets (fair value) as at 31 December | Distribution % 2016 | Fair value of plan assets 2016 | Distribution % 2015 | Fair value of plan assets 2015 |
|---|---------------------|--------------------------------------|---------------------|--------------------------------|
| Cash, cash equivalent and money market investments | 10% | 40 124 | 2% | 6 848 |
| Bonds | 40% | 156 610 | 41% | 150 286 |
| Shares | 49% | 194 518 | 55% | 198 803 |
| Property | 1% | 4 049 | 2% | 7 696 |
| Total pension fund | 100% | 395 300 | 100% | 363 633 |
| | | 2016 | | 2015 |

| | 2 | 016 | 201 | 15 |
|------------------------------|------|--------|------|--------|
| Actual return on plan assets | 6.1% | 22 352 | 3.3% | 12 064 |

In addition, some Norwegian entities have pension contribution funds, mainly based on excess pension assets from settlement of the defined benefit plans in 2010. The pension contribution funds are classified as long-term pension funds, except next year's expected contributions which are classified as short-term (see note 16 Other non-current assets and 19 Other current assets).

| Pension contribution funds | 2016 | 2015 |
|-------------------------------------|-------|--------|
| Current part of contribution fund | 6 094 | 10 912 |
| Long-term part of contribution fund | 2 760 | 6 160 |
| | 8 854 | 17 072 |

Summary of pension liabilities and change in actuarial gains / losses

| | (422 539) | (393 735) |
|-------------------------|-----------|-----------|
| Pension plan assets | 395 299 | 363 633 |
| Pension obligations | (817 838) | (757 368) |
| Net pension liabilities | 2016 | 2015 |

| Total actuarial gains / (losses) recognised in other comprehensive income this period | 2016 | 2015 |
|---|----------|--------|
| Changes in actuarial gain / (loss) in pension obligation | (64 736) | 9 672 |
| Changes in actuarial gain / (loss) in pension assets | 9 559 | 8 437 |
| | (55 177) | 18 108 |

The principal assumptions used for the actuarial valuations in 2016 and 2015

| | Norway | France | Canada | Germany | UK |
|--|-------------|-------------|-------------|-------------|-------------|
| Discount rate | 2.0% (2.5%) | 1.0% (2.0%) | 3.8% (4.0%) | 1.8% (2.1%) | 2.6% (3.7%) |
| Expected rate of salary increase | 2.0% (2.5%) | 2.5% (2.8%) | 3.5% (3.5%) | 3.0% (3.0%) | 3.4% (3.0%) |
| Annual regulation of pensions paid | 1.0% (1.0%) | - | - | 2.0% (2.0%) | - |
| Change in public pension base rate (G) | 2.0% (2.3%) | - | - | - | - |

Assumptions regarding future mortality are set based on actuarial advice in accordance with published statistics and experience in each country.

Sensitivity on pension liabilities based on changes in main actuarial assumptions

The defined benefit pension schemes exposes the group to actuarial risks such as investment risk, interest rate risk, salary growth risk, mortality risk and longevity risk. A decrease in corporate bond yields, a rise in inflation or an increase in life expectancy would result in an increase to plan liabilities.

The sensitivity analysis below shows estimated effects in the defined pension liabilities based on reasonable changes in the main assumptions. The calculations are based on a change in one assumption while holding all other assumptions constant. Negative amounts shows an expected decrease in the Net pension liability.

| Assumption | Disc | ount rate | Life e | xpectancy | Sala | ry growth |
|--|---------------|------------------|--------------------|--------------------|------------------|------------------|
| | 0.5% increase | 0.5% decrease | 1 year increase | 1 year decrease | 0.5% increase | 0.5% decrease |
| 2016: Effect on the pension liability in NOK million | (53) | 58 | 25 | (25) | 25 | (23) |
| 2015: Effect on the pension liability in NOK million | (45) | 50 | 21 | (22) | 23 | (21) |

As the group's main pension plans are defined contribution plans, there are no group policies for funding of the defined benefit plans. This is managed locally, based on the terms and status for the individual plan.

Expected contribution for the pension plans next year and average duration for the main defined benefit plans

| | Norway | France | Canada | Germany | UK | Other |
|---|---------|---------|----------|----------|----------|----------|
| Contribution to be paid to defined pension plans next year | 8 229 | 38 694 | 8 884 | 1 453 | 3 784 | 382 |
| Weighted average duration of the defined benefit obligation | 9 years | 8 years | 16 years | 15 years | 15 years | 15 years |

7 Other operating expenses

| Total other operating expenses | (3 149 390) | (3 048 051) |
|--|-------------|-------------|
| Other operating expenses ²⁾ | (854 865) | (884 799) |
| Impairment losses receivables | (7 329) | (6 018) |
| Insurance expenses | (58 786) | (65 084) |
| External services ¹⁾ | (1 250 508) | (1127 936) |
| Leasing expenses | (139 667) | (125 338) |
| Freight and commission expenses | (835 773) | (837 303) |
| Loss on disposal of fixed assets | (2 464) | (1 573) |
| | 2016 | 2015 |

¹⁾ Including services from auditor, see specification below

²⁾ Including change in direct costs on inventory and capitalised salary on fixed assets projects. Capitalised salary amounts to: 69 566

During 2016, Elkem AS group expensed NOK 122,294 thousand (NOK 140,303 thousand) as research and development related to processes, products and business development, and in addition capitalised R&D expenses of NOK 52,341 thousand (NOK 52,926). Furthermore Elkem AS group expensed NOK 166,909 thousand (NOK 110,293 thousand) as improvement projects. In total R&D and improvment project expenses amounted to NOK 341,634 thousand (303,523 thousand). Grants received relating to research and development amount to NOK 65,907 thousand for 2016 (NOK 70,057 thousand) are included in other operating income.

KPMG is the group auditor of Elkem AS group. KPMG succeded PwC as Elkem AS group auditor with effect from the fiscal year 2016.

The following table shows fees to KPMG and fees to PwC and other audit firms.

| Audit and other services | 2016 | 2015 |
|---------------------------|----------|----------|
| KPMG | | |
| Audit fee | (8 348) | - |
| Other services | (1 268) | - |
| PwC and other audit firms | | |
| Audit fee | (4 858) | (15 897) |
| Other assurance services | (680) | (868) |
| Tax services | (5 568) | (2 442) |
| Other services | (1880) | (2 813) |
| Total | (22 602) | (22 020) |

Fees to auditors are reported exclusive of VAT.

8 Operating lease

| 2016 | Machinery and plant | Land, buildings and other properties | Equipment, furniture, systems and vehicles | Total |
|---------------------------------------|------------------------|--------------------------------------|--|-----------|
| Lease expenses 2016 | (13 659) | (82 380) | (43 628) | (139 667) |
| Lease in accordance to contract due: | | | | |
| Within one year | (6 061) | (50 969) | (36 847) | (93 877) |
| In the second to fifth year inclusive | (2 196) | (124 961) | (104 950) | (232 106) |
| Over five years | - | (50 112) | (16 439) | (66 551) |
| 2015 | Machinery and plant | Land, buildings and other properties | Equipment, furniture, systems and vehicles | Total |
| Lease expenses 2015 | (10 025) | (73 084) | (42 229) | (125 338) |
| Lease in accordance to contract due: | | | | |
| Within one year | (2 431) | (43 148) | (34 235) | (79 814) |
| In the second to fifth year inclusive | (4 257) | (95 998) | (93 405) | (193 660) |
| Over five years | - | (54 607) | (13 157) | (67 764) |
| | | | | |

New IFRS 16 Leases

The new standard, applicable in 2019, requires lessees to initially recognize a right-of-use asset and the associated lease liability for the lease term for all lease contracts (with an option to exclude leases with a lease term of 12 months or less and leases for which the underlying asset is of low value). The lease liability is measured at the present value of the lease payments over the lease term. Based on reported leases the effect of implementing the new standard is estimated to a capitalisation of more than NOK 300,000 thousand. The effect would reduce the group's equity ratio in 2016 from 50.3% to approximately 49.4%. Under the current IFRS, leases classified as operational leases are presented as operating expenses. Under the new IFRS 16 the capitalised leases will be depreciated over the lease term and presented as depreciation, and the interest effect from the discounted liability will be presented as a financial item in the statement of income. Profit (loss) before income tax will not be affected by the changes, but gross operating profit (loss) and operating profit (loss) will be affected positively by the change.

9 Other gains and losses

| | 2016 | 2015 |
|--|----------|-----------|
| Dividend income from available for sale financial assets | 2 344 | 830 |
| Write down on shares ¹⁾ | (1838) | (31 435) |
| Change in fair value commodity contracts | 58 563 | (270 429) |
| Net foreign exchange gains / losses - foreign exchange forward contracts | 26 595 | 41 587 |
| Operating foreign exchange gains / losses | (19 936) | 9 954 |
| Ineffectiveness on cash flow hedges | (4 584) | 27 593 |
| Gains / losses disposal of subsidiaries | 1305 | 3 107 |
| Other expenses ²⁾ | (10 011) | (2 211) |
| Total other gains and losses | 52 438 | (221 006) |

 $^{^{1)}}$ In 2015, NOK 30,440 thousand relates to write down of shares in Bluestar Silicones Tianjin Co. Ltd.

See note 26 Financial instruments for details related to valuation and recognition of financial assets and liabilities.

10 Finance income and expenses

| | 2016 | 2015 |
|--|----------|-----------|
| Interest income ¹⁾ | 21 779 | 56 979 |
| Other financial income | 838 | 513 |
| Total finance income | 22 617 | 57 492 |
| Interest expenses borrowings ²⁾ | (70 833) | (124 396) |
| Unwinding of discounted liabilities | 3 669 | (17 347) |
| Interest on net pension liabilities | (9 640) | (9 804) |
| Other interest expenses | (10 881) | - |
| Other financial expenses | (816) | (2 520) |
| Total finance expenses | (88 501) | (154 067) |
| Net foreign currency translation expenses | 49 661 | 32 533 |
| Net finance income (expences) | (16 223) | (64 042) |

¹⁹ The decrease in interest income from 2015 to 2016 is mainly related to loans to Elkem Solar AS. The loans were sold to Bluestar Elkem Investment Co. Ltd.

 $^{^{\}rm 2)}$ Other expenses mainly consist of expenses related to business projects and business combinations.

²⁾ The decrease in interest expenses borrowings from 2015 to 2016 is mainly related to repayment and debt conversion of loans to parent companies and reduction of external debt in the Silicones division.

11 Taxes

Effective tax rate

| Income tax recognised in profit or loss | 2016 | 2015 |
|---|-----------|-----------|
| Profit (loss) before income tax | 946 537 | 1 267 071 |
| Current taxes | (150 201) | (222.617) |
| Deferred taxes | (158 281) | (222 613) |
| | (30 286) | (202 050) |
| Total tax (expense) / income | (188 567) | (424 663) |
| Income to year recognised in other community income (OCI) | | |
| Income taxes recognised in other comprehensive income (OCI) Remeasurements of post employment benefit obligation | 13 587 | (4 617) |
| , , , | (6 108) | (4 617) |
| Hedging of net investment in foreign operations | ` , | 203 982 |
| Cash flow hedges | (238 356) | |
| Total tax charged to OCI | (230 877) | 199 365 |
| Reconciliation of tax (expense) / income | 2016 | 2015 |
| Profit (loss) before income tax | 946 537 | 1 267 071 |
| Expected income taxes, 25% of profit before tax (27% in 2015) | (236 634) | (342 109) |
| Tax effects of: | | |
| Difference in tax rates for each individual jurisdiction | (12 252) | 23 101 |
| Permanent differences | | |
| Tax effect of income from Norwegian controlled foreign companies (NOKUS) | (6 619) | (6 741) |
| Tax effect share of profit (loss) associates and joint ventures | (3 148) | 4 658 |
| Tax effect finance expenses holding companies ¹⁾ | 2 078 | (48 354) |
| Tax effects other permanent differences | 31 847 | (779) |
| Other effects | | |
| Tax effect of not capitalised deferred tax assets this year | 49 797 | (2 420) |
| Tax credits utilised | (1199) | 1 422 |
| Tax effect change in tax rate ²⁾ | 6 190 | 17 492 |
| Other current tax paid | (33 258) | (15 657) |
| Previous year tax adjustment | 14 631 | (55 276) |
| Tax (expense) / income for the year | (188 567) | (424 663) |

¹⁾ Elkem AS group has a company in Luxembourg. Elkem AS group does not have taxable income from other activities that can be utilised against taxable loss from finance and operating expenses in this entity. The company was merged with Elkem AS in 2016

The effect relates mainly to changes in tax rate from 25% to 24% in Norway from 2017 and in 2015 changes in tax rate from 27% to 25% in Norway from 2016. The changes in tax rates were approved by the governments before year end the respective years.

| Deferred tax assets and deferred tax liabilities | 31.12.2016 | 31.12.2015 |
|--|------------|------------|
| Cash flow hedges recognised in other comprehensive income | 139 635 | 377 990 |
| Property, plant, equipment and Intangible assets | (446 245) | (333 725) |
| Pension fund | 118 629 | 109 964 |
| Other differences | (37 681) | (19 895) |
| Accounts receivable | (1 378) | (742) |
| Inventories | (51 759) | (45 975) |
| Provisions | 95 745 | 38 388 |
| Tax losses to carry forward | 415 510 | 403 998 |
| Deferred tax assets (liabilities) | 232 456 | 530 003 |
| Not recognised deferred tax asset to tax losses to carry forward | (279 290) | (330 510) |
| Net deferred tax assets (liabilities) recognised | (46 834) | 199 493 |

Note 11 continues >

34%

20%

| Change in net deferred tax assets and deferred tax liabilities | 2016 | 2015 |
|--|------------|------------|
| 1 January | 199 493 | 205 877 |
| Recognised in profit or loss for the year | (30 286) | (202 050) |
| Effect of business combination | 12 303 | - |
| Recognised in other comprehensive income | (230 877) | 199 365 |
| Foreign currency exchange differences | 2 533 | (3 699) |
| 31 December | (46 834) | 199 493 |
| | | |
| Deferred taxes | 31.12.2016 | 31.12.2015 |
| Deferred tax assets | 67 348 | 323 969 |
| Deferred tax liabilities | (114 182) | (124 476) |
| Net deferred tax assets (liabilities) | (46 834) | 199 493 |

| Total related to loss carryforward | 1 215 756 | 415 510 | (279 290) | 136 220 |
|------------------------------------|------------------|-----------|----------------|------------|
| Croatia | 109 | 22 | - | 22 |
| Malaysia | 14 108 | 3 386 | (3 386) | - |
| UK | 3 686 | 737 | (733) | 4 |
| USA | 7 929 | 3 062 | - | 3 062 |
| Brazil | 234 689 | 79 794 | (75 450) | 4 344 |
| France | 955 235 | 328 509 | (199 721) | 128 788 |
| 31.12.2016 Tax losses carryforward | carryforward | tax asset | tax asset | tax asset |
| | Gross tax losses | Deferred | deferred | deferred |
| | | | Not recognised | Recognised |

| Total related to loss carryforward | 1 180 172 | 403 998 | (330 510) | 73 488 |
|------------------------------------|-------------------------|-----------|----------------|------------|
| Shanghai | 1 318 | 198 | - | 198 |
| Hong Kong | 2 994 | 494 | - | 494 |
| UK | 2 691 | 538 | (538) | - |
| Brazil | 196 150 | 66 691 | (66 535) | 156 |
| France | 977 019 | 336 077 | (263 437) | 72 640 |
| 31.12.2015 Tax losses carryforward | carryforward | tax asset | tax asset | tax asset |
| | Gross tax losses | Deferred | deferred | deferred |
| | | | Not recognised | Recognised |

The major part of the taxable loss can be carried forward for an unlimited period.

Deferred tax assets not recognised current year

When an entity has a history of recent losses, the deferred tax assets arising from unused tax losses is recognised only to the extent that there is convincing evidence that sufficient future taxable profit will be generated.

Other tax related matters

Bluestar Silicones France SAS has four internal debt-forgiveness agreements where internal loans were converted to equity and the converted amounts were treated as taxable income. Bluestar Silicones France SAS can only utilise the agreements to the extent that the company has an accounting profit according to IFRS. All debt that is repaid under the agreements can be deducted against taxable income. Bluestar Silicones France SAS has repaid NOK 47,100 thousand in 2016 that gives a tax credit of NOK 15,703 thousand. The amount is included in tax effects other permanent differences in the reconciliation of tax (expenses) / income above.

| Usage 2016 (47 100) Total debt that can be reversed 770 575 181 705 145 364 2 | 13 years | rs |
|---|----------|------------|
| Gross value of debt forgiveness 817 675 181 705 145 364 2 Usage 2016 (47 100) | 82 593 | 3 448 5 |
| Gross value of debt forgiveness 817 675 181 705 145 364 2 | 247 728 | 28 1 345 3 |
| | - | - (47 10 |
| Dept forgiveness in 2010 2012 2013 | 247 728 | 28 1 392 4 |
| Dalla familiar and in 2012 | 2014 | 4 Tot |

Pending tax issues with the tax authorities

See note 24 Provisions and other non-current liabilities.

12 Property, plant and equipment and intangible assets

Property, plant and equipment

| | Land | | | Equipment, furniture and | | |
|---------------------------------------|---------------|---------------|---------------|--------------------------|--------------|-------------|
| | and other | | Machinery | transport- | Construction | |
| 2016 | | Buildings | and plants | vehicles | in progress | Total |
| 2016 | property | buildings | allu pialits | venicles | iii progress | IOLdi |
| Opening balance Net booked value 2016 | 110 050 | 1 331 921 | 3 403 958 | 161 142 | 595 138 | 5 602 208 |
| Additions | 856 | 554 | 22 442 | 6 496 | 663 362 | 693 710 |
| Disposals | = | (50) | (1 683) | (527) | - | (2 261) |
| Business combination | - | 116 017 | 232 153 | 1270 | 8 367 | 357 808 |
| Reclassification ¹⁾ | (137) | (10 064) | (7 786) | 427 | - | (17 560) |
| Transferred from CiP | 10 023 | 110 987 | 664 265 | 53 272 | (838 548) | - |
| Impairment losses | - | (7 079) | (4 646) | (93) | - | (11 818) |
| Depreciation expenses | (2 369) | (93 463) | (501 569) | (37 464) | - | (634 865) |
| Foreign currency exchange differences | (4 345) | (17 747) | (52 387) | (1 998) | (1659) | (78 135) |
| Closing balance Net booked value 2016 | 114 078 | 1 431 076 | 3 754 746 | 182 526 | 426 660 | 5 909 087 |
| | | | | | | |
| Fixed assets under financial leasing | | | | | | |
| Included in Net booked value | 21 193 | - | 10 408 | 1 3 7 8 | - | 32 979 |
| Historical cost | 160 860 | 3 022 230 | 9 812 611 | 531 801 | 426 660 | 13 954 162 |
| Accumulated depreciation | (36 071) | (1 579 672) | (5 962 242) | (348 647) | - | (7 926 630) |
| Accumulated impairment losses | (10 711) | (11 482) | (95 624) | (628) | - | (118 445) |
| Closing balance Net booked value 2016 | 114 078 | 1 431 076 | 3 754 746 | 182 526 | 426 660 | 5 909 087 |
| | | | | | | |
| Estimated useful life | 0-50 years | 5-50 years | 3-50 years | 3-20 years | | |
| Depreciation plan | Straight-line | Straight-line | Straight-line | Straight-line | | |
| | | | | | | |

¹⁾ In 2014 when Elkem group purchased assets from MSCH Europe GmbH, the right to use the technology related to the production process was included. In 2016 the value of the technology, NOK 17,560 thousand, is reclassified from Machinery and plants to intangible assets. The estimated useful life is not changed, and the reclassification does not affect comparable figures in the statement of income.

Depreciations start when the asset is ready for use. Land is not depreciated.

Note 12 continues >

Property, plant and equipment

| | | | | Equipment, | | |
|---------------------------------------|---------------|---------------|---------------|---------------|--------------|-------------|
| | Land | | | furniture and | | |
| | and other | | Machinery | transport- | Construction | |
| 2015 | property | Buildings | and plants | vehicles | in progress | Total |
| Opening balance Net booked value 2015 | 105 008 | 1 351 826 | 3 268 149 | 112 997 | 345 181 | 5 183 162 |
| Additions | 2 616 | 24 444 | 95 524 | 15 803 | 787 455 | 925 842 |
| Disposals | - | (567) | (4 454) | (1693) | - | (6 714) |
| Reclassification | (1 666) | 1550 | 919 | (246) | - | 558 |
| Transferred from CiP | 4 340 | 27 791 | 435 582 | 68 721 | (536 434) | - |
| Impairment losses | - | (122) | (1 593) | (99) | - | (1 813) |
| Depreciation expenses | (2 649) | (85 902) | (469 769) | (34 198) | - | (592 518) |
| Disposal of discontinued operations | - | - | - | - | - | - |
| Foreign currency exchange differences | 2 400 | 12 899 | 79 599 | (143) | (1063) | 93 692 |
| Closing balance Net booked value 2015 | 110 050 | 1 331 921 | 3 403 958 | 161 142 | 595 138 | 5 602 208 |
| Fixed assets under financial leasing | | | | | | |
| Included in Net booked value | 22 786 | _ | 10 817 | 467 | - | 34 070 |
| Historical cost | 160 419 | 2 823 459 | 9 137 519 | 492 468 | 595 138 | 13 209 004 |
| Accumulated depreciation | (39 123) | (1 486 005) | (5 633 049) | (330 707) | - | (7 488 884) |
| Accumulated impairment losses | (11 246) | (5 534) | (100 512) | (620) | - | (117 911) |
| Closing balance Net booked value 2015 | 110 050 | 1 331 921 | 3 403 958 | 161 142 | 595 138 | 5 602 208 |
| Estimated useful life | 0-50 years | 5-50 years | 3-50 years | 3-20 years | | |
| Depreciation plan | Straight-line | Straight-line | Straight-line | Straight-line | | |

Intangible assets

| | | | | | | Intangible | Total |
|---------------------------------------|------------|---------------|---------------|---------------|---------------|--------------|------------|
| | | Other | Technology | | IT systems | assets | othe |
| | | intangible | and | Develop- | and | under | intangible |
| 2016 | Goodwill | assets | licences | ment | programmes | construction | assets |
| Opening balance Net booked value 2016 | 244 088 | 63 681 | 168 533 | 189 076 | 120 805 | 101 398 | 643 493 |
| Additions | - | 6 517 | 102 | - | 5 547 | 93 292 | 105 458 |
| Disposals | - | - | - | - | - | - | - |
| Business combination | 98 030 | 36 289 | - | - | 8 | - | 36 297 |
| Reclassification | - | 12 617 | 3 138 | 869 | 937 | - | 17 560 |
| Transferred from CiP | - | - | 5 720 | 16 722 | 14 237 | (36 679) | - |
| Amortisation | - | (2 988) | (21 242) | (35 793) | (22 893) | - | (82 916) |
| Foreign currency exchange differences | 550 | (10 637) | (2 275) | (8 489) | (102) | (5 376) | (26 879) |
| Closing balance Net booked value 2016 | 342 645 | 105 479 | 153 976 | 162 385 | 118 539 | 152 635 | 693 013 |
| Historical cost | 342 645 | 166 153 | 436 128 | 416 141 | 318 256 | 152 635 | 1 489 314 |
| Accumulated amortisation | - | (59 883) | (282 153) | (253 757) | (199 717) | - | (795 510) |
| Accumulated write-downs | - | (790) | - | - | - | - | (790) |
| Closing balance Net booked value 2016 | 342 645 | 105 480 | 153 975 | 162 385 | 118 539 | 152 635 | 693 014 |
| Estimated useful life | Indefinite | 3–10 years | 3-15 years | 3-16 years | 3-10 years | | |
| Amortisation plan | | Straight-line | Straight-line | Straight-line | Straight-line | | |

The investments related to intangible assets mainly consist of additions of R&D of NOK 52,341 thousand.

During 2016, Elkem AS group expensed NOK 122,294 thousand as research and development related to processes, products and business development, and in addition capitalised R&D expenses of NOK 52,341 thousand. In addition Elkem AS group expensed NOK 166,909 thousand as improvement projects and technical customers support. In total R&D and improvement project expenses amounted to NOK 341,634 thousand.

| | | | | | | Intangible | Total |
|---------------------------------------|------------|---------------|---------------|---------------|---------------|--------------|------------|
| | | Other | Technology | | IT systems | assets | other |
| | | intangible | and | Develop- | and | under | intangible |
| 2015 | Goodwill | assets | licences | ment | programmes | construction | assets |
| Opening balance Net booked value 2015 | 229 470 | 32 887 | 163 737 | 133 869 | 130 765 | 112 825 | 574 083 |
| Additions | - | 31 986 | 17 560 | | 9 164 | 66 589 | 140 810 |
| Disposals 2015 | _ | - | - | - | - | - | - |
| Transferred from CiP | - | - | - | 78 173 | 2 214 | (80 387) | - |
| Amortisation | - | (2 272) | (15 987) | (42 584) | (21 022) | - | (81 865) |
| Foreign currency exchange differences | 14 618 | 1080 | 3 195 | 4 106 | 271 | 2 371 | 11 023 |
| Closing balance Net booked value 2015 | 244 088 | 63 681 | 168 533 | 189 076 | 120 805 | 101 398 | 643 493 |
| Historical cost | 244 093 | 121 418 | 451 539 | 419 717 | 302 384 | 101 398 | 1 396 456 |
| Accumulated amortisation | - | (56 902) | (283 005) | (230 642) | (181 579) | - | (752 128) |
| Accumulated write-downs | (5) | (835) | _ | - | - | - | (835) |
| Closing balance Net booked value 2015 | 244 088 | 63 681 | 168 533 | 189 076 | 120 805 | 101 398 | 643 493 |
| Estimated useful life | Indefinite | 3-10 years | 3-15 years | 3-16 years | 3-10 years | | |
| Amortisation plan | : | Straight-line | Straight-line | Straight-line | Straight-line | | |

The investments related to intangible assets mainly consist of R&D of NOK 52,926 thousand.

During 2015, Elkem AS group expensed NOK 140,303 thousand as research and development related to processes, products and business development, and capitalised R&D expenses of NOK 52,926 thousand. In addition Elkem AS group expensed NOK 110,293 thousand as improvement projects and technical customers support. In total R&D and improvment project expenses amounted to NOK 303,523 thousand.

Valuation of fixed assets, intangible assets and goodwill

Fixed assets and intangible assets are stated in the consolidated financial statement at cost less subsequent accumulated depreciations, amortisation and write-down. Fixed assets are tested for impairment whenever there is an indication of such. Goodwill and intangible assets with an indefinite useful life are not amortised, but are tested for impairment annually. If the fair value of the assets is lower than the carrying amount, a write-down will be recognised.

Goodwill

Impairment tests are performed by comparing the carrying amount for the asset or the Cash Generating Unit (CGU) including goodwill, with the recoverable amount. The recoverable amount is based on value in use, calculated using the discounted cash flow method. A Cash Generating Unit (CGU) is the lowest level at which independent cash inflows can be measured.

Note 12 continues >

Impairment test goodwill and intangible assets

| Goodwill per entity/CGU 2016 | Silicon materials | Foundry products | Silicones | Carbon | Total |
|---|----------------------|------------------|------------|--------|---------|
| 2016 | Illateriais | products | Silicolles | Carbon | IOLai |
| Elkem Foundry Hingna Nagpur | - | 36 979 | - | - | 36 979 |
| Elkem Rana AS | 61 903 | - | - | - | 61 903 |
| Elkem Oilfield Chemical FZCO | 20 110 | - | - | - | 20 110 |
| Elkem Materials Process Services BV | 142 | - | - | - | 142 |
| Elkem Participacões Indústria e Comércio Limitada | - | - | - | 10 930 | 10 930 |
| Ferroveld JV | - | - | - | 46 559 | 46 559 |
| Elkem Carbon China Comp Ltd. | - | - | - | 1000 | 1000 |
| NEH Inc. | 22 565 | 58 476 | - | 14 979 | 96 020 |
| Bluestar Silicones group | | - | 69 003 | - | 69 003 |
| Total Goodwill | 104 719 | 95 455 | 69 003 | 73 468 | 342 645 |

| Goodwill per entity/CGU 2015 | Silicon materials | Foundry products | Silicones | Carbon | Total |
|---|----------------------|------------------|-----------|--------|---------|
| Elkem Oilfield Chemical FZCO | 20 562 | - | - | - | 20 562 |
| Elkem Materials Process Services BV/Dehong JV | 165 | - | - | - | 165 |
| Elkem Participacòes Indústria e Comércio Limitada | - | - | - | 9 369 | 9 369 |
| Ferroveld JV | - | - | - | 41 951 | 41 951 |
| Elkem Carbon China Comp Ltd. | - | - | - | 1000 | 1000 |
| NEH Inc. | 23 072 | 59 792 | - | 15 316 | 98 180 |
| Bluestar Silicones group | - | - | 72 861 | - | 72 861 |
| Total Goodwill | 43 799 | 59 792 | 72 861 | 67 636 | 244 088 |

Discounted cash flow models are applied to determine the value in use for the cash-generating units. Management in each CGU has projected cash flows based on forecast and strategy plans covering a four-year period. Currency rates and power prices are based on external official sources such as Reuters and Nasdaq. Beyond the explicit forecast period of four years, the cash flows are extrapolated using constant nominal growth rates.

Key assumptions

Key assumptions used in the calculation of value in use are growth rate, EBITDA levels, capital expenditure and discount rates.

Growth rates: The expected growth rates for a cash-generating unit converge from its current level experienced over the last few years, to the long-term growth level in the market in which the entity operates. The growth rates used to extrapolate cash flow projections beyond the explicit forecast period, are based on management's past experience, assumptions in terms of market share and expectations for the market development in which the entity operates.

EBITDA levels: The EBITDA level represents the operating margin before depreciation and amortisation, and it is estimated based on the current level and expected future market development, which also takes into consideration committed operational efficiency programs. Changes to the outcome of these initiatives may affect future estimated EBITDA levels.

Capital expenditure ('Capex'): A normalised capex is assumed in the long run. Estimated capital expenditures do not include capital expenditures that significantly enhance the current performance, as such effects generally are not included in the cash flow projections.

Discount rates: The required rate of return was calculated by the WACC method. The cost of a company's equity and liabilities, weighted to reflect its capital structure of 50:50 respectively, derive from its weighted average cost of capital. The WACC rates used in discounting the future cash flows, are based on a Norwegian 10 year risk-free interest rate, adjusted for inflation differential and country risk premium. The discount rates take into account the debt premium, market risk premium, corporate tax rate and asset beta.

The following pre-tax discount rate (WACC) and sustained growth rate year five and forward have been used for the impairment test

| | WACC | Growth |
|-------------------|------|--------|
| Foundry Products | 8.2% | 2.0% |
| Silicon Materials | 7.4% | 2.0% |
| Carbon | 9.7% | 2.0% |
| Silicones | 7.9% | 2.0% |

Impairment - test results and conclusion

Impairment tests of goodwill, included in each CGU shown above, are done annually. The tests indicated no need for write-down as of December 2016.

Sensitivity of estimated cash flows

A 30% change in WACC and other key assumptions will not affect the conclusion for Elkem AS group.

13 Joint arrangements

In 2015 and 2016 Elkem AS group has interests in the following jointly controlled arrangements

| Name of entity | Business office | Country | Principal activities |
|---------------------------------|-----------------------|--------------|-----------------------------------|
| Elkem Ferroveld JV | Ferrobank Emalahleni | South Africa | Electrode paste production |
| Dehong Elkem Materials Co. Ltd. | Dehong, Yunnan | China | Microsilica production |
| Elkania DA | Hauge i Dalane | Norway | Microfine weighting material |
| Igazú Alloys S.A. | Montevideo | Uruguay | Production of foundry products |
| North Sea Container Line AS | Haugesund | Norway | Shipping services |
| Klafi EHF | Grundartangi, Akranes | Iceland | Transportation / harbour services |
| Elkem Solar Holding S.a.r.l | Luxembourg | Luxembourg | Solar technology |
| | % equity | % equity | 2016 2015 |

| | % equity | % equity | 2016 | 2015 |
|---------------------------------|---------------|---------------|----------------|----------------|
| Name of entity | interest 2016 | interest 2015 | Classification | Classification |
| Elkem Ferroveld JV | 50% | 50% | JO | JO |
| Dehong Elkem Materials Co. Ltd. | - | 50% | JO | JO |
| Elkania DA | 50% | 50% | JO | JO |
| lgazú Alloys S.A. | 50% | 50% | JV | JV |
| North Sea Container Line AS | 50% | 50% | JV | JV |
| Klafi EHF | 50% | 50% | JV | JV |
| Elkem Solar Holding S.a.r.l | - | - | JV | JV |

In the column for classification JO is equal to joint operations and JV is equal to joint ventures.

Dehong Elkem Materials Co. Ltd. was liquidated in 2016.

Elkem Solar Holding S.à.r.l was sold on 19 June 2015 to Bluestar Elkem Investment Co. Ltd.

Elkem AS group's share of the loss in Elkem Solar S.à.r.l was NOK 111,935 thousand for the period 1 January to 18 June 2015. The sales resulted in a gain for Elkem AS group of NOK 104,838 thousand. The net profit of NOK 7,097 thousand is presented as discontinued profit (loss).

There is no quoted market price for the investments.

There are limited business transactions between the consolidated joint operations and the consolidated entities within Elkem AS group. The transactions between the joint ventures are described in note 28 Related party transactions.

Note 13 continues >

There are no contingent liabilities or commitments related to the joint ventures as at 31 December 2016 and 2015.

For the joint venture in Paraguay, Igazú Alloys S.A., the Elkem group has, together with the other investor, obligations to finance the development of the foundry plant, that is under construction. The Elkem group has therefore given a long-term loan of NOK 58 million (NOK 88 million) as at 31 December 2016. The decrease from 2015 to 2016 is due to conversion of parts of the loan to shares in the company.

| | 2016 | | 2015 | |
|---|----------|-----------------|----------|-----------|
| | | Elkem Solar | | |
| | Total | Holding S.á.r.l | Other | Total |
| Total interest in joint ventures 1 January | 52 935 | 886 737 | 69 656 | 956 393 |
| Acquired shares | 60 272 | - | - | - |
| Sale of shares | - | (883 062) | - | (883 062) |
| Dividend received | (15 000) | - | (25 000) | (25 000) |
| Share of profit continued operations | 1408 | - | 9 539 | 9 539 |
| Share of profit discontinued operations | - | (111 935) | - | (111 935) |
| Share of other comprehensive income discontinued operations | - | (2 536) | - | (2 536) |
| Other comprehensive income transferred to income on disposal, | | | | |
| discontinued | - | 5 958 | - | 5 958 |
| Gain on sale of shares in joint ventures, discontinued | - | 104 838 | - | 104 838 |
| Currency effects | 9 363 | - | (1 260) | (1 260) |
| Total interest in joint ventures 31 December | 108 978 | - | 52 935 | 52 935 |
| Included in investment in joint ventures | 108 978 | - | 67 476 | 67 476 |
| Presented as write-down on receivable/Included in other liabilities ¹⁾ | - | - | (14 541) | (14 541) |

 $^{^{1)}}$ The amounts NOK 14,541 thousand relates to provision for investment commitments in Igazú Alloys S.A.

For 2016 Elkem AS group's proportionate share of revenues, expenses, assets, liabilities and cash flows in the joint ventures are included in the consolidated financial statement as follows

| | Total |
|---|-----------|
| Current assets, including cash and cash equivalents NOK 91,851 thousand | 171 551 |
| Non-current assets | 289 129 |
| Current liabilities, including current financial liabilities NOK 5,373 thousand | 41 464 |
| Non-current liabilities, including non-current financial liabilities NOK 200,531 thousand | 201 261 |
| Net assets/equity | 217 955 |
| Group's carrying amount | 108 978 |
| Total revenue | 423 875 |
| Total expenses, including depreciation and amortisation NOK 2,197 thousand | (417 845) |
| Financial income, including interest income NOK 785 thousand | 785 |
| Financial expenses, including interest expenses NOK 298 thousand | (3 433) |
| Tax expense | (567) |
| Total profit for the year continuing operations | 2 815 |
| Other comprehensive income | - |
| Total comprehensive income | 2 815 |
| Group's share of profit for the year | 1408 |
| Group's share of other comprehensive income | - |

For 2015 Elkem AS group's proportionate share of revenues, expenses, assets, liabilities and cash flows in the joint ventures are included in the consolidated financial statement as follows

| | Elkem Solar | | |
|---|-----------------|-----------|-----------|
| 2015 | Holding S.á.r.l | Other | Total |
| Current assets, including cash and cash equivalents NOK 643,625 thousand | - | 167 562 | 167 562 |
| Non-current assets | - | 154 919 | 154 919 |
| Current liabilities, including current financial liabilities NOK 3,503 thousand | - | 36 186 | 36 186 |
| Non-current liabilities, including non-current financial liabilities NOK 2,882,745 thousand | ıd - | 180 424 | 180 424 |
| Net assets/Equity | - | 105 870 | 105 870 |
| Group's carrying amount | - | 52 935 | 52 935 |
| Total revenue | 338 824 | 424 932 | 763 756 |
| Total expenses, including depreciation and amortisation NOK 284,982 thousand | (459 121) | (407 987) | (867 108) |
| Financial income, including interest income NOK 9,255 thousand | 4 463 | 1 022 | 5 485 |
| Financial expenses, including interest expenses NOK 112,292 thousand | (108 037) | 2 448 | (105 589) |
| Tax expense | - | (1 337) | (1 337) |
| Total profit for the year continuing operations | (223 871) | 19 078 | (204 792) |
| Other comprehensive income | (5 072) | - | (5 072) |
| Total comprehensive income | (228 943) | 19 078 | (209 864) |
| Group's share of profit for the year | (111 935) | 9 539 | (102 396) |
| Group's share of other comprehensive income | (2 536) | - | (2 536) |

14 Interest in associates and other companies

| | 7110 0010 | 71 10 001 |
|--|------------|------------|
| | 31.12.2016 | 31.12.2015 |
| Interest in associates | 54 543 | 47 788 |
| Interest in other companies | 45 973 | 48 257 |
| Total interest in associates and other companies | 100 516 | 96 046 |
| | | |
| | 2016 | 2015 |
| Total interest in associates at opening balance | 47 788 | 41 157 |
| Share of profit | 20 722 | 11 788 |
| Dividend received | (11 190) | (7 155) |
| Acquired shares in associates ¹⁾ | - | 67 |
| Other changes | (2 777) | 1 931 |
| Total interest in associates | 54 543 | 47 788 |

¹⁾ The acquired shares relates to increased investment in Combined Cargo Warehousing BV and Euro Nordic Agencies Belgium NV.

As at 31 December 2016 the Elkem AS group has interest in following associates

| Total interest in associates | | | | | | 20 722 | 54 543 |
|---------------------------------|---------------------------|--------------|---------------------------------------|---------------|------------------------|--|--------------------|
| Combined Cargo Warehousing BV | Warehousing | Moerdijk, NL | 33% | 15 194 | 28 790 | 2 375 | 5 014 |
| Euro Partnership BV | Ship management services | Moerdijk, NL | 50% | 66 426 | 20 650 | 10 325 | 33 213 |
| Euro Nordic Agencies Belgium NV | Ship agencies services | Antwerp, BE | 50% | 1494 | 564 | 282 | 747 |
| Elkem Chartering AS | Deep sea charter services | Oslo, NO | 25% | 62 276 | 93 877 | 7 740 | 15 569 |
| Name of entity | Principal activities | Country | Proportion of shares/ votes (%) | Net assets | Total operating income | Group's share of profit of associates | Carrying amount |

As at 31 December 2015 the Elkem AS group has interest in following associates

| Total interest in associates | | | | | | 11 788 | 47 788 |
|---------------------------------|---------------------------|--------------|---------------------------------------|---------------|------------------------|--|--------------------|
| Combined Cargo Warehousing BV | Warehousing | Moerdijk, NL | 33% | 13 954 | 9 690 | 2 144 | 4 605 |
| Euro Partnership BV | Ship management services | Moerdijk, NL | 50% | 64 449 | 233 | 7 561 | 32 224 |
| Euro Nordic Agencies Belgium NV | Ship agencies services | Antwerp, BE | 50% | 979 | 3 262 | 186 | 489 |
| Elkem Chartering AS | Deep sea charter services | Oslo, NO | 25% | 41 880 | 28 510 | 1897 | 10 470 |
| Name of entity | Principal activities | Country | Proportion of shares/ votes (%) | Net assets | Total operating income | Group's share of profit of associates | Carrying amount |

15 Group entities

The following subsidiaries are included in the consolidated financial statements

| _ | | Committee | 2016 | 2015 | |
|---|-----------|----------------|----------|----------|----------------|
| | unctional | Country of | equity | equity | Owner |
| | currency | incorporation | interest | interest | Owner |
| Dehong Elkem Materials Co. Ltd. 1) | CNY | China | - | 50% | Elkem AS |
| Ikania DA | NOK | Norway | 50% | 50% | Elkem AS |
| Elkem Carbon AS | NOK | Norway | 100% | 100% | Elkem AS |
| Ikem Chartering Holding AS | NOK | Norway | 80% | 80% | Elkem AS |
| Ikem Distribution Center B.V. | EUR | Netherland | 100% | 100% | Elkem AS |
| Ikem Foundry Invest AS | NOK | Norway | 100% | 100% | Elkem AS |
| Elkem GmbH | EUR | Germany | 100% | 100% | Elkem AS |
| lkem Iberia SLU | EUR | Spain | 100% | 100% | Elkem AS |
| lkem Iceland EhF | NOK | Iceland | 100% | 100% | Elkem AS |
| Ikem International AS | NOK | Norway | 100% | 100% | Elkem AS |
| ilkem Japan K.K | JPY | Japan | 100% | 100% | Elkem AS |
| Elkem LTD. | GBP | England | 100% | 100% | Elkem AS |
| Elkem Materials Processing (Tianjin) Co.,Ltd. | CNY | China | 100% | 100% | Elkem AS |
| Elkem Materials Processing Services BV | EUR | Netherland | 100% | 100% | Elkem AS |
| Elkem Metal Canada Inc | CAD | Canada | 100% | 100% | Elkem AS |
| Ikem Milling Services GmbH | EUR | Germany | 100% | 100% | Elkem AS |
| Ikem Nordic A.S. | DKK | Denmark | 100% | 100% | Elkem AS |
| Ikem Oilfield Chemicals FZCO | AED | Dubai | 51% | 51% | Elkem AS |
| ilkem S.a.r.l. | EUR | France | 100% | 100% | Elkem AS |
| lkem S.r.l. | EUR | Italy | 100% | 100% | Elkem AS |
| Ikem Singapore Materials Pte. Ltd. | SGD | Singapore | 100% | 100% | Elkem AS |
| Ikem South Asia Private Limited | INR | India | 100% | 100% | Elkem AS |
| IEH LLC | USD | USA | 100% | 100% | Elkem AS |
| lor-Kvarts AS ²⁾ | NOK | Norway | 100% | 67% | Elkem AS |
| Ikem Rana AS 3) | NOK | Norway | 100% | - - | Elkem AS |
| Bluestar Silicones International S.à.r.l 4) | EUR | Luxembourg | - | 100% | Elkem AS |
| Bluestar Silicones France SAS 4) | EUR | France | 100% | 100% | Elkem AS |
| Bluestar Silicones Services S.à.r.l 4) | EUR | France | 100% | 100% | Elkem AS |
| Bluestar Siliconas España S.A.U 4) | EUR | Spain | 100% | 100% | Elkem AS |
| Bluestar Siliconi Italia S.r.I 4) | EUR | Italy | 100% | 100% | Elkem AS |
| Bluestar Silicones Germany GmbH 4) | EUR | Germany | 100% | 100% | Elkem AS |
| Bluestar Silicones (UK) Ltd. 4) | GBP | United Kingdom | 100% | 100% | Elkem AS |
| Bluestar Silicones USA Corp. 4) | USD | USA | 100% | 100% | Elkem AS |
| Bluestar Silicones Canada Corp. 4) | CAD | Canada | 100% | 100% | Elkem AS |
| Bluestar Silicones Brasil Ltda ⁴⁾ | BRL | Brasil | 100% | 100% | Elkem AS |
| Bluestar Silicones Finland OY 4) | EUR | Finland | 100% | 100% | Elkem AS |
| lluestar Silicones Scandinavia AS 4) | NOK | Norway | 100% | 100% | Elkem AS |
| | PLN | Poland | | | |
| Sluestar Silicones Poland p. z o.o ⁴⁾ | | | 100% | 100% | Elkem AS |
| luestar Silicones Czech Republic s.r.o 4) | CZK | Czech Republic | 100% | 100% | Elkem AS |
| luestar Silicones Shanghaï Co. Limited 4) | CNY | China | 100% | 100% | Elkem AS |
| Sluestar Silicones Hong Kong Trading Co. Limited 4) | | Hong Kong | 100% | 100% | Elkem AS |
| Elkem Foundry (China) Co. Ltd. 5) | CNY | China | 100% | 1000/ | Elkem AS |
| Elkem Carbon Malaysia Sdn. Bhd. | MYR | Malaysia | 100% | 100% | Elkem Carbon A |
| ilkem Carbon Singapore Pte. Ltd. | SGD | Singapore | 100% | 100% | Elkem Carbon A |
| Ikem Ferroveld JV | ZAR | South Africa | 50% | 50% | Elkem Carbon A |

List continues >

| | | | 2016 | 2015 | |
|---|------------|-------------------|----------|----------|-------------------------------------|
| | Functional | Country of | equity | equity | |
| Company | currency | incorporation | interest | interest | Owner |
| Elkem Carbon (China) Comp Ltd. | CNY | China | 100% | 100% | Elkem Carbon Singapore Pte. Lt |
| Euro Nordic Logistics BV | EUR | Netherland | 80% | 80% | Elkem Chartering Holding AS |
| Elkem Egypt for Industry, Contracting & Trading S.A. | E USD | Egypt | 99.99% | 99.99% | Elkem International AS |
| Elkem International Trade (Shanghai) Co. Ltd. | CNY | China | 100% | 100% | Elkem International AS |
| Elkem Madencilik Metalurji Sanayi Ve Ticaret Ltd. S | TI EUR | Turkey | 100% | 100% | Elkem International AS |
| Gimtrade Ltd. | GBP | England | 100% | 100% | Elkem LTD. |
| Mill Street Ltd. | GBP | England | 100% | 100% | Elkem LTD. |
| Elkem Materials Delaware Inc. | USD | USA | 100% | 100% | Elkem Materials Inc |
| Elkem Materials South America Ltda | BRL | Brasil | 100% | 100% | Elkem Materials Inc |
| Euro Nordic Belgium BVBa ¹⁾ | EUR | Belgium | - | 80% | Euro Nordic Logistics BV (NL) |
| Euro Nordic Netherlands BV | EUR | Netherland | 80% | 80% | Euro Nordic Logistics BV (NL) |
| Elkem Materials Inc. | USD | USA | 100% | 100% | NEH LLC |
| Explotacion de Rocas Industriales y Minerales S.A. ² |) EUR | Spain | 100% | 67% | Nor-Kvarts AS |
| Iniconce, S.L | EUR | Spain | 97% | 97% | Explotacion de Rocas Industriale |
| Norsil, S.A. | EUR | Spain | 100% | 100% | Iniconce, S.L (ES) |

 $^{^{\}scriptscriptstyle 1)}\text{The companies were liquidated in 2016.}$

16 Other non-current assets

| | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Long-term pension contribution fund ¹⁾ | 2 760 | 6 160 |
| Defined benefit pension asset ¹⁾ | 2 949 | - |
| Long-term deposit pension guarantee 2) | 17 905 | 16 780 |
| Restricted deposits 3) | 78 028 | 58 627 |
| Other deposits | 34 785 | 13 786 |
| Prepaid lease | 2 897 | - |
| Grants receivable 5) | 136 234 | - |
| Loans to joint arrangements | 7 098 | 6 943 |
| Loans to joint ventures 4) | 59 853 | 74 499 |
| Prepayments to supplier | 9 776 | - |
| External loans/receivables | - | 32 068 |
| Other long-term receivables | 18 412 | 8 363 |
| Total other non-current assets | 370 697 | 217 226 |

 $^{^{\}mbox{\tiny 1)}}$ See note 6 Employee retirement benefits.

 $^{^{2)}}$ On 1 December Elkem AS group purchased the remaining 33% of the shares in Nor-Kvarts AS. For more information see note 30 Changes in the composition of the group and note 31 Business combinations.

³⁾ On 1 December Elkem AS group purchased 100% of the shares in Elkem Rana AS (previously named Fesil Rana Metall AS). For more information see note 30 Changes in the composition of the group and note 31 Business combinations.

⁴⁾ On 1 January 2016 Bluestar Silicones International S.à.r.l merged with Elkem AS. For more information see note 30 Changes in the composition of the group.

⁵⁾ The company was established by Elkem AS group in 2016.

 $^{^{2)}}$ Long-term deposit pension guarantee is related to unfunded pension liabilities for salaries above 12G.

³⁾ Off the deposits NOK 67,537 thousand relates to tax litigation in Elkem AS group's business in Brazil, see note 24 Provisions and other long term liabilities.

⁴⁾ See note 28 Related party transactions.

⁵⁾ See note 29 Grants.

17 Inventories

| Total inventories | 3 339 415 | 3 302 196 |
|-------------------------------------|------------|------------|
| Operating materials and spare parts | 323 912 | 307 480 |
| Raw materials | 652 333 | 640 590 |
| Work in progress | 251 356 | 256 485 |
| Finished goods | 2 111 814 | 2 097 641 |
| | 31.12.2016 | 31.12.2015 |

18 Accounts receivable

| Total accounts receivable | 1 870 770 | 1 864 010 |
|--------------------------------------|------------|------------|
| Bills receivables ¹⁾ | 49 951 | 73 828 |
| Provision for doubtful accounts | (31 840) | (27 466) |
| Accounts receivable, related parties | 33 304 | 32 619 |
| Accounts receivable | 1 819 355 | 1 785 029 |
| | 31.12.2016 | 31.12.2015 |

¹⁾ A bills receivable is a document that the customer formally agrees to pay at maturity date. The bills receivable document effectively replaces, for the related amount, the open debt exchanged for the bill. Bills receivables are used at Elkem AS group's business in China.

Analysis of gross accounts receivable by age, presented based on the due date

| Total accounts receivable | 1 852 659 | 1 817 648 |
|---------------------------|------------|------------|
| More than 90 days | 50 782 | 38 477 |
| 61–90 days | 17 004 | 21 414 |
| 31-60 days | 33 938 | 40 083 |
| 1–30 days | 167 715 | 159 742 |
| Not due | 1 583 220 | 1 557 932 |
| | 31.12.2016 | 31.12.2015 |

Elkem AS group applies for credit insurance for all customers. In cases where credit insurance coverage is refused, other methods of securing the sales income are used. Other methods used for securing the sales are, among others, prepayment, letter of credit, documentary credit, guarantee, etc.

| Movement in allowance for doubtful accounts | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Opening balance | (27 466) | (28 488) |
| Provisions / losses on doubtful accounts during the year | (10 577) | (9 835) |
| Reversed provisions | 5 401 | 9 437 |
| Forreign currency exchange differences | 803 | 1 420 |
| Closing balance | (31 840) | (27 466) |
| Analysis of current receivables that are past due date and impaired, by age | | |
| Overdue by | 31.12.2016 | 31.12.2015 |
| 0-3 months | (6 231) | (830) |

| Total impaired overdue receivables | (31 840) | (27 466) |
|------------------------------------|------------|------------|
| Over a year | (20 719) | (23 320) |
| 6-12 months | (1 241) | (3 261) |
| 3-6 months | (3 650) | (56) |
| 0-3 months | (6 231) | (830) |
| Overduc by | 31.12.2010 | 31.12.2013 |

19 Other current assets

| Other receivables Total other current assets | 26 916 604 656 | 50 357 755 737 |
|--|--------------------------|--------------------------|
| Corporate income tax receivables | 51 093 | 36 564 |
| VAT receivables | 265 656 | 271 489 |
| Grants receivable | 94 896 | 261 620 |
| CO ₂ Compensation from the Norwegian Environment Agency ²⁾ | 89 560 | 65 004 |
| Prepayments | 66 670 | 59 791 |
| Deposits, restricted | 3 771 | - |
| Pension contribution fund, short-term part ¹⁾ | 6 094 | 10 912 |
| | 31.12.2016 | 31.12.2015 |

¹⁾ See note 6 Employee retirement benefits.

20 Shareholder information

Elkem AS is the parent company of Elkem AS group. As of 31 December 2016 Elkem AS is 100% owned by Bluestar Elkem International Co. Ltd. S.A. Elkem AS has its registered company address at Drammensveien 169, 0277 Oslo, Norway.

Share capital

Share capital as at 31 December 2016 in Elkem AS is NOK 2,010 million, divided in 1 share.

21 Finance lease liabilities

Elkem AS group leases some of its manufacturing equipment under finance lease. Interest rates range from 3.06% to 6.99%. The group has options to purchase the equipment for a nominal amount at the end of the lease term. The obligations under finance lease are secured by the lessors title to the leased assets.

| Overview of finance lease | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Within one year | 4 394 | 40 149 |
| Between 1 and 5 years | 1 527 | 3 358 |
| Over 5 years | - | - |
| Total lease payments | 5 921 | 43 507 |
| Less future finance charges | (91) | (2 041) |
| Present value of lease obligations | 5 830 | 41 466 |
| Less amount due for settlement within 12 months | 4 333 | 38 254 |
| Total non-current finance lease obligations | 1 497 | 3 212 |
| | | |
| Leasing cost current year. | 35 787 | 40 542 |

See also note 22 Interest-bearing asset / liabilities.

²⁾ See note 29 Grants.

22 Interest-bearing assets / liabilities

| 1 230 668 99 704 52 682 1 010 1 384 064 | 1 305 592 75 407 70 057 377 1 451 434 |
|---|--|
| 99 704 52 682 1 010 | 75 407 70 057 377 |
| 99 704 52 682 | 75 407 70 057 |
| 99 704 | 75 407 |
| | |
| 1.070.000 | 1705 500 |
| | |
| 3 112 829 | 3 379 897 |
| | |
| 277 970 | 327 981 |
| | 3 752 |
| | 285 975 |
| Δ 333 | 38 254 |
| 2 834 859 | 3 051 916 |
| 2 827 021 | 3 028 038 |
| - | 13 966 |
| 1 497 | 3 212 |
| 6 341 | 6 700 |
| 31.12.2010 | 31.12.2015 |
| | 1 497 - 2 827 021 2 834 859 4 333 270 133 3 504 277 970 |

¹⁾ See note 21 Finance lease liabilities.

| Total interest-bearing liabilities | | 3 112 829 | | 3 379 897 |
|--|--------------------|-------------------|-----------------|-------------------|
| Other currencies | | (3) | | 25 |
| NOK | 97 163 | 97 163 | 105 588 | 105 588 |
| USD | 5 772 | 49 747 | 6 165 | 54 332 |
| EUR | 326 453 | 2 965 922 | 335 646 | 3 219 952 |
| Interest-bearing liabilities by currency | Currency amount | NOK 31.12.2016 | Currency amount | NOK 31.12.2015 |

| Prepaid loan fees | - | - | - | (13 112) | - | (13 112) |
|---|---|---------------------|---|-------------------|------------------|-----------|
| Total | 6 341 | 5 830 | - | 3 110 266 | 3 504 | 3 125 941 |
| 2022 and later | - | - | - | 97 065 | - | 97 065 |
| 2021 | - | - | - | 48 533 | - | 48 533 |
| 2020 | - | - | - | 1 639 614 | - | 1 639 614 |
| 2019 | - | 45 | - | 504 442 | - | 504 487 |
| 2018 | 6 341 | 1 452 | - | 550 479 | - | 558 272 |
| 2017 | - | 4 333 | - | 270 133 | 3 504 | 277 970 |
| Maturity of interest-bearing liabilities as at 31 December 2016 | Loans from other related parties | Financial leases | Loans from external party, other than bank | Bank financing | Accrued interest | Total |

Note 22 continues >

| Total interest bearing liabilities | 6 700 | 41 466 | 13 966 | 3 314 013 | 3 752 | 3 379 897 |
|---|---|---------------------|---|-------------------|------------------|-----------|
| Prepaid loan fees | - | - | - | (17 805) | - | (17 805) |
| Total | 6 700 | 41 466 | 13 966 | 3 331 818 | 3 752 | 3 397 702 |
| 2021 and later | - | - | 4 108 | 153 739 | - | 157 847 |
| 2020 | - | - | 1 473 | 1 730 072 | - | 1731545 |
| 2019 | - | 52 | 1 473 | 574 972 | _ | 576 497 |
| 2018 | 6 700 | 426 | 1 748 | 532 925 | _ | 541 798 |
| 2017 | - | 2 734 | 5 164 | 54 134 | - | 62 033 |
| 2016 | - | 38 254 | - | 285 975 | 3 752 | 327 981 |
| Maturity of interest-bearing liabilities as at 31 December 2015 | Loans from other related parties | Financial leases | Loans from external party, other than bank | Bank financing | Accrued interest | Total |

Credit facilities

As of 31 December 2016 the group has drawn NOK 62 million of total granted credit facilities of NOK 2,167 million. As of 31 December 2015 the group had drawn NOK 75 million of total granted external credit facilities of NOK 2,343 million. The drawn amounts are classified as short term bank financing.

The main revolving credit facilities are granted to Elkem AS but the facilities can be utilised by Elkem AS and its subsidiaries. The main facilities amount to EUR 200 million (NOK 1,817 million) and NOK 250 million respectively.

Loan covenant

Elkem AS group has covenants related to it's two main external interest bearing loan facilities. In addition to the covenants on these two loan facilities there are loan covenants related to the credit facilities in Elkem Metal Canada Inc. of CAD 2 million (CAD 10 million). Elkem Metal Canada Inc. is not in breach with its covenants at the end of 2016 and 2015.

For the two main credit facilities and term loans in Elkem AS group, the loan covenants relates to the financial performance of Elkem AS group as specified in the table below.

| Interest cover ratio | | 26.25 | 21.23 | > 4.00 |
|--|-----|------------|------------|------------------|
| Net finance charges | NOK | 61 639 | 103 979 | |
| EBITDA | NOK | 1 617 790 | 2 206 988 | |
| Equity ratio | | 50% | 43% | > 30% |
| Total Assets | NOK | 14 813 342 | 14 476 852 | |
| Total Equity | NOK | 7 459 042 | 6 167 047 | |
| Covenant Elkem AS group related to drawn loan of NOK 2,834 million (NOK 3,023 million) in Elkem AS | | 31.12.2016 | 31.12.2015 | Loan covenant |

23 Pledge of assets and guarantees

Pledges

The main part of Elkem AS group's interest-bearing liabilities is neither pledged nor guaranteed. Details of liabilities that have pledged assets related to them are stated below.

| Mortgaged liabilities | 31.12.2016 | 31.12.2015 |
|-----------------------------|------------|------------|
| Mortgaged liabilities | 67 847 | 187 904 |
| Mortgaged provisions | 55 596 | 119 700 |
| Book value mortgaged assets | 31.12.2016 | 31.12.2015 |
| Building | 163 029 | 111 961 |
| Machinery and plant | 843 | 843 |
| Receivables | - | 95 992 |
| Other assets | 92 034 | 144 859 |

Elkem AS group makes limited use of guarantees, see specification below.

| Guarantee commitments | 31.12.2016 | 31.12.2015 |
|--|------------|------------|
| Guarantee commitment KLIF (Climate and Pollution Agency) | 4 618 | 4 618 |
| Environmental guarantee | - | 6 386 |
| Other guarantees | 107 | 113 |

As a part of the share purchase agreement signed between Bluestar Silicones International S.à.r.l and Rhodia for the acquisition of the silicone business, Bluestar benefits from a right to claim for compensation, especially on tax environmental matters. The aggregate amount of the warranty is limited to a maximum of EUR 73 million and was applicable until 2016.

24 Provisions and other non-current liabilities

| Total provisions and other non-current liabilities | 463 560 | 262 184 |
|--|------------|------------|
| Other non-current liabilities | 232 | - |
| Deferred Income | 33 915 | 40 291 |
| Total provisions | 429 413 | 221 893 |
| Total provisions and other non-current liabilities | 31.12.2016 | 31.12.2015 |

| Provisions include the following | Litigations | Site restoration | Onerous contracts | Employee benefits | Other provisions | Total provisions |
|---|-------------|------------------|-------------------|----------------------|------------------|------------------|
| Balance 1 January 2016 | 262 398 | 68 227 | - | 73 652 | 9 101 | 413 378 |
| Additional provisions recognised | 26 633 | 11 830 | 2 590 | 13 347 | 7 390 | 61 790 |
| Additions business combinations | - | - | 254 321 | - | - | 254 321 |
| Used during the year | (129 316) | (1828) | _ | (5 770) | (8 021) | (144 935) |
| Foreign currency exchange differences | 12 016 | (792) | - | (4 774) | (501) | 5 949 |
| Balance 31 December 2016 | 171 731 | 77 437 | 256 911 | 76 455 | 7 969 | 590 503 |
| Hereof classified as provisions and other non-current liabilities | 97 225 | 59 385 | 202 754 | 68 931 | 1 118 | 429 413 |
| Hereof classified as provisions and other current liabilities | 74 506 | 18 052 | 54 157 | 7 524 | 6 851 | 161 090 |
| Total provisions | 171 731 | 77 437 | 256 911 | 76 455 | 7 969 | 590 503 |

Note 24 continues >

| Provisions include the following | Litigations | Site restoration | Onerous contracts | Employee benefits | Other provisions | Total provisions |
|---|-------------|------------------|-------------------|----------------------|------------------|------------------|
| Balance 1 January 2015 | 350 787 | 75 867 | - | 72 755 | 9 792 | 509 200 |
| Additional provisions recognised | 55 668 | 2 695 | - | 7 573 | 1860 | 67 796 |
| Used during the year | (134 176) | (11 746) | - | (11 108) | (2 939) | (159 968) |
| Foreign currency exchange differences | (9 881) | 1 410 | - | 4 432 | 389 | (3 650) |
| Balance 31 December 2015 | 262 398 | 68 227 | - | 73 652 | 9 101 | 413 378 |
| Hereof classified as provisions and other non-current liabilities | 90 918 | 53 194 | - | 69 068 | 8 714 | 221 893 |
| Hereof classified as provisions and other current liabilities | 171 480 | 15 033 | _ | 4 584 | 388 | 191 485 |
| Total provisions | 262 398 | 68 227 | - | 73 652 | 9 101 | 413 378 |

Litigation

The provisions due to litigations are mainly related to tax reassessments for value added tax and withholding tax in the Silicones division and tax cases in the Carbon division in Brazil. For the tax reassessment cases regarding VAT there are ongoing proceedings. The tax reassessment cases regarding withholding tax were concluded in 2016.

For the tax cases in the Carbon division in Brasil the cases can take a substantial amount of time before resolution by the tax authorities in Brazil. A provision is made for each case where the risk of loss is considered to be above 50%. The time of settlement is uncertain. In accordance with Brazilian regulations, an amount have been transferred to a restricted bank account and are adjusted for interest rates on an annual basis. The restricted cash is included in other non-current assets, see note 16 Other non-current assets.

Site restoration

Elkem AS group has provisions for future remediation work related to the necessary site remediation work that it will have to undertake in respect of its quartz mines. Total provision NOK 26,930 thousand (NOK 23,402 thousand).

Elkem AS group has worldwide operations representing potential exposure towards environmental consequences. Elkem AS group has established clear procedures to minimise environmental emissions, well within public emission limits. However, in some cases Elkem AS group faces potential claims regarding environmental issues. Total provision NOK 50,507 thousand (NOK 44,824 thousand).

Onerous loss contracts

The provisions regarding onerous contracts mainly relates to two power contracts acquired by the Elkem AS group in 2016 through purchase of Fesil Rana. The contracts meet the definition of own use contracts, IAS 39, and are after initial recognition accounted for as cost. The provision is calculated based on differences between contract price and market price at NASDAQ at the date of purchase, 1 December 2016.

Employee benefits

Employee benefits consist of provisions related to jubilee / long-service benefits, mainly in the Silicones division.

Other provisions

Other provisions mainly consist of accruals for loss related to a fire. In addition Elkem AS group has participated in the Central Bank of Iceland's Investment Programme and purchased a bond Ioan in ISK, with payment in EUR. The gain from the purchase in EUR is dependent on retaining the ownership of the securities in 5 years (ending in 2017). The currency gain is recognised as deferred income and is amortised over the required ownership period, ending in 2017.

25 Provisions and other current liabilities

| Provisions and other current liabilities | 922 135 | 1 031 380 |
|---|------------|------------|
| Other current liabilities | 15 155 | 5 928 |
| Accrued expenses | 117 229 | 111 217 |
| Provisions, short term part 1) | 161 090 | 191 485 |
| Liability acquisition land use rights | - | 29 020 |
| Deferred income | 26 693 | 34 029 |
| VAT payable | 53 678 | 84 177 |
| Employee withholding taxes, social security, vacation pay, etc. | 548 290 | 575 525 |
| | 31.12.2016 | 31.12.2015 |

¹⁾ See note 24 Provisions and other non-current liabilities

26 Financial instruments

Financial assets and liabilities by category 31 December 2016

| | Note | Assets at fair value through profit or loss | Derivatives used for hedging | Financial assets available for sale | Loans and receivables | Non- financial assets | Total |
|--|------|--|------------------------------------|--|-----------------------|-----------------------------|-----------|
| Interest in associated and other companies | 14 | - | _ | 45 973 | - | 54 543 | 100 516 |
| Derivatives, non-current | | 83 113 | 36 048 | - | - | - | 119 161 |
| Other non-current assets | 16 | _ | - | - | 315 998 | 54 699 | 370 697 |
| Accounts receivable | 18 | - | - | - | 1870770 | - | 1870770 |
| Derivatives, current | | 2 607 | 53 782 | - | - | - | 56 388 |
| Other current assets | 19 | - | - | - | 188 227 | 416 429 | 604 656 |
| Cash and cash equivalents | 22 | - | - | - | 1 230 668 | - | 1 230 668 |
| Total | | 85 720 | 89 829 | 45 973 | 3 605 662 | 525 671 | |

| Total | | (29 150) | 720 553 | 4 638 145 | 1 385 695 | |
|--|------|---|------------------------------------|--|----------------------------------|-----------|
| Other current liabilities | 25 | - | - | - | 922 135 | 922 135 |
| Derivatives, current | | (21 152) | 149 153 | - | - | 128 001 |
| Interest-bearing liabilities, current | 22 | - | 318 | 277 652 | - | 277 970 |
| Accounts payable | | - | - | 1 527 587 | - | 1 527 587 |
| Provisions and other non-current liabilities | s 24 | - | - | - | 463 560 | 463 560 |
| Derivatives, non-current | | (7 998) | 569 129 | - | - | 561 131 |
| Interest-bearing liabilities, non-current | 22 | - | 1953 | 2 832 906 | - | 2 834 859 |
| | Note | Liabilities at fair value through profit or loss | Derivatives used for hedging | Financial liabilities at amortised cost | Non- financial liabilities | Total |

Note 26 continues >

Financial assets and liabilities by category 31 December 2015

| Total | | 53 192 | 1620 | 48 257 | 3 698 929 | 491 425 | |
|--|------|---|------------------------------------|--|-----------------------|-----------------------------|-----------|
| Cash and cash equivalents | 22 | - | - | - | 1 305 592 | - | 1 305 592 |
| Other current assets | 19 | - | - | - | 326 624 | 429 113 | 755 737 |
| Derivatives, current | | 14 332 | - | - | - | - | 14 332 |
| Accounts receivable | 18 | - | - | - | 1864 010 | - | 1 864 010 |
| Other non-current assets | 16 | - | - | - | 202 703 | 14 523 | 217 226 |
| Derivatives, non-current | | 38 860 | 1620 | - | - | - | 40 480 |
| Interest in associated and other companies | 14 | - | - | 48 257 | - | 47 789 | 96 046 |
| | Note | Assets at fair value through profit or loss | Derivatives used for hedging | Financial assets available for sale | Loans and receivables | Non- financial assets | Total |

| Total | | (16 848) | 1557909 | 4 857 493 | 1 264 545 | |
|--|------|---|------------------------------------|--|----------------------------------|-----------|
| Other current liabilities | 25 | - | - | 29 019 | 1 002 361 | 1 031 380 |
| Derivatives, current | | 7 121 | 608 088 | - | - | 615 208 |
| Interest-bearing liabilities, current | 22 | - | - | 327 981 | - | 327 981 |
| Accounts payable | | - | - | 1 448 578 | - | 1 448 578 |
| Provisions and other non-current liabilities | 24 | - | - | - | 262 184 | 262 184 |
| Derivatives, non-current | | (23 969) | 949 821 | - | - | 925 853 |
| Interest-bearing liabilities, non-current | 22 | - | - | 3 051 916 | - | 3 051 916 |
| | Note | Liabilities at fair value through profit or loss | Derivatives used for hedging | Financial liabilities at amortised cost | Non- financial liabilities | Total |

Fair value measurement

Financial instruments at fair value through profit or loss and financial assets available for sale are measured using different levels of input. There are no material differences between fair value and amortised cost for financial liabilities and financial assets at amortised cost.

Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date.

Level 2 inputs are inputs, other than quoted prices, included within Level 1 that are observable for the asset or liability, either directly or indirectly.

Level 3 inputs are unobservable inputs for the asset or liability.

| Total liabilities | 2 271 | 141 164 | 547 968 | 691 403 |
|--|---------|---------|-----------|----------|
| Derivatives designated in a hedging relationship | 2 271 | 49 514 | 668 769 | 720 553 |
| Financial liabilities at fair value through profit or loss | - | 91 650 | (120 800) | (29 150) |
| Total assets | 9 262 | 92 436 | 119 824 | 221 522 |
| Financial assets available for sale | 9 262 | - | 36 711 | 45 973 |
| Derivatives designated in a hedging relationship | - | 89 829 | - | 89 829 |
| Financial assets at fair value through profit or loss | - | 2 607 | 83 113 | 85 720 |
| at fair value as at 31 December 2016 | Level 1 | Level 2 | Level 3 | Total |
| The Elkem AS group's assets and liabilities measured | | | | |

| Total liabilities | - | 643 315 | 897 747 | 1 541 061 |
|--|---------|---------|-----------|-----------|
| Derivatives designated in a hedging relationship | - | 543 025 | 1 014 884 | 1557 909 |
| Financial liabilities at fair value through profit or loss | - | 100 290 | (117 137) | (16 848) |
| Total assets | 2 900 | 15 952 | 84 217 | 103 069 |
| Financial assets available for sale | 2 900 | - | 45 357 | 48 257 |
| Derivatives designated in a hedging relationship | - | 1620 | - | 1620 |
| Financial assets at fair value through profit or loss | - | 14 332 | 38 860 | 53 192 |
| at fair value as at 31 December 2015 | Level 1 | Level 2 | Level 3 | Total |
| The Elkem AS group's assets and liabilities measured | | | | |

Level 1:

Financial assets measured at level 1 apply to external noted shares. The noted shares are measured based on the listed price. Dividends from the external shares are classified as other gains and losses.

Financial assets and liabilities measured at level 2 applies to forward foreign exchange contracts, commodity contracts and embedded foreign currency derivatives. The contracts are measured at fair value by estimating the future cash flows.

The financial assets and liabilities at fair value through profit or loss measured at level 3 consist of power contracts with Statkraft (one contract bought from Norske Skog in 2010 and swap contracts) and a contract called '30-øringen' based on how the power price in the contract is determined. The usage of power from the contract bought from Norske Skog is restricted to industrial purposes, and the power from the 30-øring contract is restricted to be used at Elkem AS plants. The contracts are assessed to be settled net in cash and are therefore within the scope of IAS 39 and recognised as financial instruments.

When valuing these contracts observable data is used, such as power price, currency rates, CPI and CfD, when available. The power prices for long-term electricity contracts in Norway are not directly observable in the market for the whole contract length. Power prices are observable until 2026, CfD to 2021 and the currency rates are observable until 2021. Valuation of the contracts for the remaining periods are based on the latest observable data adjusted for CPI, if relevant.

See note 27 Financial risk and capital management for sensitivity analysis.

Assessment of fair value of contracts with Statkraft:

The Elkem AS group pays fixed power prices to Statkraft, specified for each contract/year in the contracts.

Assumptions for valuation of the contracts:

- Discount rate: Risk free rate plus a margin of 0.75% p.a (0.75% p.a). This is estimated based on our contract counterparty's assumed cost of capital.
- Power prices: Market prices at 31 December for the duration of the contract.
- CfD's: Four year average historic CfD prices based on Nord Pool Spot prices.
- Currency rate EUR: Market prices tradable for the group as of 31 December for the duration of the contract.

As of 1 January 2013, the Statkraft contract bought from Norske Skog has been designated as a hedging instrument in a cash flow hedge of highly probable future purchases. Changes in fair value for the power contract are therefore from the same date booked against OCI. Realised effects from the fair value as at 31 December 2012 are booked through profit or loss. Swap contracts with Statkraft and embedded derivatives EUR are booked according to hedge accounting principles from 1 January 2016.

Assessment of fair value of 30-øring contract:

The 30-øre power contracts last until 31 December 2030.

For the years 2017-2020 the price under the contract is fixed except if the spot price at the relevant grid points exceed a certain threshold, in which case the price equals the spot price. For the last 10 years of the contract the price is fixed based on the average spot price the preceding four years, adjusted for inflation.

The fixed price and the threshold price are based on a start date and adjusted with inflation annually year thereafter.

Note 26 continues >

Assumptions for valuation of the contract:

- Discount rate: 3.6% p.a (3.6% p.a). This is estimated based on our contract counterparty's assumed cost of capital, adjusted for risk related to the estimated cash flows under the contracts.
- Inflation: 2.0% p.a., (2.0% p.a.).
- Power prices: Market prices per 31 December 2016 until 2026, thereafter prices are based on 2026, adjusted with inflation rate.
- CfD's: Four year average historic CfD prices based on Nord Pool Spot prices.
- Currency rate EUR: Market prices tradable for the group as of 31 December 2016 until 2020, thereafter prices equal to 2020 rates.

Changes in fair value for the '30-øringen' contract are presented as a part of Other gains / losses.

In addition, level 3 includes shares in unlisted external companies. These shares are booked at cost and written down if the value of the company is assessed to be lower than cost.

| Specification of movements in measurement on level 3 | 2016 | 2015 |
|--|-----------|-----------|
| Opening balance 01 January | (813 530) | (161 096) |
| Transfer to / from other levels | (4 829) | - |
| Change in fair value recognised in OCI | 236 481 | (679 510) |
| Settlement | 99 652 | 200 131 |
| Disposal | (261) | (765) |
| Acquisition | 75 | 235 |
| Other changes in fair value through profit or loss | 56 060 | (175 918) |
| Translation effects | (1 793) | 3 393 |
| Closing balance 31 December | (428 144) | (813 530) |

Details of financial instruments

Details of foreign exchange contracts as at 31 December 2016

| | | | | | | | | Notional |
|---|-----------|----------|----------|------------|-----------|------|---------------|------------------------|
| Purchase | Purchase | Sale | Sale | Type of | Currency | | Fair value in | amount in |
| currency | ccy 1000 | currency | ccy 1000 | instrument | deal rate | Due | NOK 1000 | NOK 1000 ¹⁾ |
| CAD | 7 517 | EUR | 5 200 | Fwd | 1.4455 | 2017 | 449 | 47 244 |
| NOK | 1 227 584 | EUR | 132 050 | Fwd | 9.2964 | 2017 | 17 788 | 1 199 713 |
| CAD | 1 499 | GBP | 800 | Fwd | 1.8743 | 2017 | 1092 | 8 499 |
| NOK | 46 356 | GBP | 4 200 | Fwd | 11.0372 | 2017 | 1 592 | 44 618 |
| NOK | 146 124 | JPY | 1980 000 | Fwd | 0.0738 | 2017 | (740) | 145 810 |
| NOK | 536 836 | USD | 65 800 | Fwd | 8.1586 | 2017 | (29 286) | 567 104 |
| CAD | 3 951 | USD | 3 000 | Fwd | 1.3171 | 2017 | (463) | 25 856 |
| NOK | 524 796 | EUR | 58 000 | Fwd | 9.0482 | 2018 | (12 850) | 526 947 |
| NOK | 88 663 | JPY | 1036 000 | Fwd | 0.0856 | 2018 | 10 352 | 76 292 |
| NOK | 101 569 | USD | 13 000 | Fwd | 7.8130 | 2018 | (9 884) | 112 042 |
| NOK | 89 917 | JPY | 1036 000 | Fwd | 0.0868 | 2019 | 10 128 | 76 292 |
| NOK | 87 003 | JPY | 988 000 | Fwd | 0.0881 | 2020 | 9 351 | 72 758 |
| Total fair value currency forward contracts (2 470) | | | | | | | | |

 $^{^{1)}}$ Notional value of the contracts, based on currency rates 31 December 2016.

Details of foreign exchange contracts as at 31 December 2015

| Purchase currency | Purchase ccy 1000 | Sale currency | Sale ccy 1000 | Type of instrument | Currency deal rate | Due | Fair value in NOK 1000 | Notional amount in NOK 1000 ¹⁾ |
|-------------------|----------------------|------------------|------------------|--------------------|-----------------------|------|---------------------------|---|
| USD | 616 | JPY | 75 087 | Fwd | 0.0082 | 2016 | (60) | 5 429 |
| NOK | 1209 | AUD | 200 | Fwd | 6.0465 | 2016 | (78) | 1289 |
| CAD | 6 688 | EUR | 4 800 | Fwd | 1.3932 | 2016 | (3 712) | 46 048 |
| NOK | 2 710 039 | EUR | 300 300 | Fwd | 9.0244 | 2016 | (187 922) | 2 880 864 |
| CAD | 4 392 | GBP | 2 160 | Fwd | 2.0333 | 2016 | (345) | 28 221 |
| NOK | 46 114 | GBP | 3 780 | Fwd | 12.1995 | 2016 | (3 313) | 49 387 |
| NOK | 73 236 | JPY | 1 118 000 | Fwd | 0.0655 | 2016 | (9 244) | 81 861 |
| NOK | 510 653 | USD | 65 950 | Fwd | 7.7430 | 2016 | (70 544) | 581 184 |
| NOK | 929 152 | EUR | 100 400 | Fwd | 9.2545 | 2017 | (51 528) | 963 166 |
| NOK | 54 332 | JPY | 848 000 | Fwd | 0.0641 | 2017 | (9 101) | 62 091 |
| NOK | 167 423 | USD | 22 050 | Fwd | 7.5929 | 2017 | (25 849) | 194 316 |
| NOK | 524 796 | EUR | 58 000 | Fwd | 9.0482 | 2018 | (46 910) | 556 411 |
| NOK | 101 569 | USD | 13 000 | Fwd | 7.8130 | 2018 | (11 809) | 114 563 |
| Total fair value | currency forward c | ontracts | | | | | (420 416) | |

 $^{^{\}scriptsize 1)}$ Notional value of the contracts, based on currency rates 31 December 2016.

Details of contracts within the scope of IAS 39 as at 31 December 2016

| | Volume GWh/CUR/Oz | Due | Fair value in NOK 1000 | Notional amount in NOK 1000 ¹⁾ |
|---|-------------------|-------------|---------------------------|---|
| Forward contracts financial institutions | 281 | 2017 | 14 996 | 66 247 |
| Forward contracts financial institutions | 140 | 2018 | 6 216 | 26 113 |
| Commodity contract '30-øringen' | 501 | 2017 | (10 713) | 141 589 |
| Commodity contract '30-øringen' | 6 517 | 2018 - 2030 | 83 113 | 1688680 |
| Commodity contracts Statkraft | 1 699 | 2017 | (55 481) | 496 872 |
| Commodity contracts Statkraft | 5 304 | 2018-2027 | (481 775) | 1 613 426 |
| Embedded derivatives power contracts (EUR) | 24 928 | 2017 | (4 243) | 226 474 |
| Embedded derivatives power contracts (EUR) | 174 481 | 2018-2027 | (58 141) | 1 585 210 |
| Commodity contracts Platinum | 9 891 | 2017 | (5 085) | 38 514 |
| Fair value contracts within scope of IAS 39 | | | (511 113) | |

¹⁾ Notional value of underlying asset at the balance sheet date, calculated as volume * price * currency rate per 31 December 2016 (if other currencies than NOK).

Note 26 continues >

Details of contracts within the scope of IAS 39 as at 31 December 2015

| | | | Fair value in | Notional amount in |
|--|-------------------|-----------|------------------------|------------------------|
| | Volume GWh/CUR/Oz | Due | NOK 1000 ¹⁾ | NOK 1000 ²⁾ |
| Forward contracts financial institutions | 962 | 2016 | (111 812) | 276 131 |
| Forward contracts financial institutions | 166 | 2017 | 1 077 | 32 951 |
| Commodity contract '30-øringen' | 501 | 2016 | (46 971) | 138 462 |
| Commodity contract '30-øringen' | 7 014 | 2017-2030 | 38 860 | 1 374 436 |
| Commodity contracts Statkraft | 1500 | 2016 | (175 492) | 427 440 |
| Commodity contracts Statkraft 1) | 7 008 | 2017-2027 | (675 284) | 2 128 316 |
| Embedded derivatives power contracts (EUR) ¹⁾ | 146 904 | 2017-2027 | (105 372) | 1 409 295 |
| Commodity contracts related party | 220 | 2016 | 14 332 | 53 893 |
| Commodity contracts related party | 26 | 2017 | 543 | 5 925 |
| Commodity contracts Platinum | 5 331 | 2016 | (5 715) | 47 650 |
| Fair value contracts within scope of IAS 39 | | | (1 065 833) | |

¹⁾ Opening balance of embedded derivatives and swap contracts Statkraft are restated.

Hedge accounting

Elkem AS group is applying hedge accounting for parts of the foreign exchange forward contracts and for certain power contracts. The currency exchange contracts are designated as a cash flow hedge to hedge currency fluctuations in highly probable future sales, mainly in USD and EUR. Realised effects from these contracts, a loss of NOK 175,569 thousand (loss of NOK 150,878 thousand), is therefore booked as an adjustment of the sales revenue. Also embedded EUR derivatives in power contracts are designed as hedging instruments to hedge currency fluctuations in highly probable future sales. Effects from other currency forward contracts, both unrealised and realised, are booked directly to Other gains / losses. The commodity contracts power designated as hedging instruments in a cash flow hedge of price fluctuations for highly probable future purchases. Hence, the effective part of change in fair value is booked against OCI, and booked as an adjustment of the power cost (part of COGS) when realised. The realised effects for these contracts was in 2016 a loss of NOK 157,371 thousand (loss of NOK 290,044 thousand). An ineffectiveness loss of NOK 4,6 thousand (gain NOK 27,593 thousand) is booked as Other gains / losses.

²⁾ Notional value of underlying asset at the balance sheet date, calculated as volume * price * currency rate per 31 December 2016 (if other currencies than NOK).

The table below shows fair value for the derivative financial instruments, classified by type of hedging

| Total derivative instruments | 89 829 | 720 553 | 1620 | 1 557 909 |
|---|------------|------------|-------|-----------|
| Less non-current portion | | | | |
| Forward foreign exchange contracts - cash flow hedges | 29 832 | 22 734 | - | 145 198 |
| Forward power contract Statkraft - cash flow hedges | - | 596 837 | - | 804 623 |
| Forward power contract Statkraft swap- cash flow hedges | - | (9 932) | - | - |
| Forward power contracts embedded derivatives cash flow hedges | _ | (40 510) | _ | - |
| | | , , | 1.000 | |
| · · · · · · · · · · · · · · · · · · · | 6 216 | - | 1620 | - |
| Forward power contracts financial institutions- cash flow hedges Currency effect loan EUR - cash flow hedge ¹⁾ | 6 216 - | - 1 953 | 1620 | - |

¹⁾ See note 22 Net interest-bearing assets / liabilities

The table below shows the movements in OCI related to hedging instruments

| Change in fair value from derivatives designated as a hedge of future sales ⁵⁾ Total gains / losses (before tax) in OCI 31.12. | (1 511 961) | (2 271) 597 258 | 332 891 | (2 271) (581 812) |
|--|----------------------------|--------------------------------|------------------------|----------------------------|
| Change in fair value from embedded derivatives designated as a hedge of future sales 4) | - | 23 567 | - | 23 567 |
| Change in fair value from derivatives designated as a hedging of future need for power (Statkraft swap) $^{3)}$ | - | 44 517 | - | 44 517 |
| Change in fair value from derivatives designated as a hedging of future need for power (Statkraft) $^{2)}$ | (970 899) | 214 752 | 112 723 | (643 424) |
| Change in fair value from derivatives designated as a hedge of future need for power (Financial institutions) 1) | (95 518) | 72 131 | 44 599 | 21 213 |
| Change in fair value from derivatives designated as a hedge of future sales | (445 545) | 244 562 | 175 569 | (25 413) |
| Derivative financial instruments recognised against OCI | Opening balance 2016 | Net change in fair value | Reclassified to P&L | Closing balance 2016 |

¹⁾ Contracts with Nasdaq and other financial institutions.

Accumulated gains / losses from cash flow hedges recognised in OCI are expected to be recycled to profit or loss in the period of 2017-2027, see further details in the tables above specifying financial instruments by duration.

Note 26 continues >

²⁾ Contract with Statkraft. As of 1 January 2013, the Statkraft contract has been designated as a hedging instrument in a cash flow hedge of highly probable future purchases. Changes in fair value for the power contract are therefore from the same date booked against OCI. Changes in fair value up to 31 December 2012 were booked through profit or loss, classified as Other gains / losses. Reversal of unrealised effects from these contracts will be offset by realised effects, only the interest element will affect the profit or loss.

³⁾ Power contracts swap, with Statkraft. Hedge accounting from 2016.

⁴⁾ Embedded derivatives EUR power contracts. Hedge accounting from 2016.

⁵⁾ Currency effects loan EUR.

The table below shows the movements in OCI related to hedging instruments

| Total gains / losses (before tax) in OCI 31.12. | (644 481) | (1 332 373) | 464 887 | (1 511 967) |
|---|-----------------|------------------|--------------|-----------------|
| Change in FV derivatives designated as a hedge of future need for power 2) | (460 112) | (679 510) | 168 723 | (970 899) |
| Change in FV derivatives designated as a hedge of future need for power ¹⁾ | (94 548) | (146 255) | 145 286 | (95 517) |
| Change in FV derivatives designated as a hedge of future sales | (89 821) | (506 608) | 150 878 | (445 551) |
| Derivative financial instruments recognised against OCI | 2015 | fair value | to P&L | 2015 |
| | Opening balance | Net change in | Reclassified | Closing balance |

 $^{^{\}rm 1)}$ Contracts with Nasdaq and other financial institutions.

Offsetting financial assets and liabilities

Financial liabilities are subject to offsetting

| | | Gross amount of financial | Net amounts of financial | Financial instruments | | |
|---|--------------|---------------------------|--------------------------|-----------------------|------------|--------|
| G | ross amount | liabilities set | assets | not set off in | Cash | |
| | of financial | off in the | recognised/ | the balance | collateral | Net |
| 2016 | assets | balance sheet | presented | sheet | pledged | amount |
| Commodity contracts, embedded derivatives | 6 457 | (6 457) | - | - | - | - |
| Commodity contracts NASDAQ and other | | | | | | |
| financial institutions | 22 804 | (1 592) | 21 212 | - | - | 21 212 |
| Foreign exchange forward contracts | 70 059 | = | 70 059 | (17 061) | - | 52 998 |
| Total | 99 320 | (8 049) | 91 271 | (17 061) | - | 74 210 |

Financial liabilities subjected to offsetting

| Total | 142 963 | (8 049) | 134 914 | (17 061) | - | 117 853 |
|---|---|--|---|---|-------------------------------|---------------|
| Foreign exchange forward contracts | 72 529 | - | 72 529 | (17 061) | - | 55 468 |
| Commodity contracts NASDAQ and other financial institutions | 1592 | (1 592) | - | - | - | - |
| Commodity contracts, embedded derivatives | 68 842 | (6 457) | 62 384 | - | - | 62 384 |
| | ross amount f recognised financial liabilities | of recognised financial assets set off in the balance sheet | Net amounts of financial liabilities presented | instruments not set off in the balance sheet | Cash collateral pledged | Net amount |
| | _ | Gross amount | | Financial | | |

²⁾ Contract with Statkraft. As of 1 January 2013, the Statkraft contract has been designated as a hedging instrument in a cash flow hedge of highly probable future purchases. Changes in fair value for the power contract are therefore from the same date booked against OCI. Changes in fair value up to 31 December 2012 were booked through profit or loss, classified as Other gains / losses. Reversal of these unrealised effects contract will be offset by realised effects, only the interest element will affect the profit or loss.

Financial assets are subject to offsetting

| Total | 19 177 | (3 225) | 15 952 | - | - | 15 952 |
|------------------------------------|---------------------|------------------------|--------------|----------------|------------|--------|
| Foreign exchange forward contracts | 3 077 | (3 077) | - | _ | - | |
| Commodity contracts NASDAQ | 15 952 | - | 15 952 | - | - | 15 952 |
| Commodity contracts Platinum | 148 | (148) | - | - | - | - |
| 2015 | assets | balance sheet | presented | sheet | pledged | amount |
| | financial | set off in the | assets | the balance | collateral | Net |
| | of recognised | financial liablilities | of financial | not set off in | Cash | |
| | Gross amount | of recognised | Net amounts | instruments | | |
| | | Gross amount | | Financial | | |

Financial liabilities are subject to offsetting

| Total | 541 167 | (3 225) | 537 942 | - | - | 537 942 |
|------------------------------------|----------------------------|---|-----------------------------|----------------------|-----------------------|---------------|
| Foreign exchange forward contracts | 423 492 | (3 077) | 420 415 | - | - | 420 415 |
| Commodity contracts NASDAQ | 111 812 | - | 111 812 | - | - | 111 812 |
| Commodity contracts Platinum | 5 863 | (148) | 5 715 | - | - | 5 715 |
| 2015 | financial liabilities | set off in the balance sheet | liabilities presented | the balance sheet | collateral pledged | Net amount |
| | Gross amount of recognised | Gross amount of recognised financial assets | Net amounts of financial | not set off in | Cash | |

27 Financial risk and capital management

Introduction

Elkem AS group is exposed to a variety of financial risks such as currency risk, liquidity risk, interest rate risk, credit risk and risks relating to prices of finished goods and raw materials. The financial risks affect the group's income or the value of financial instruments held. Elkem AS group operates in an international and cyclical industry, and all financial risks related to its operations are monitored and handled at Elkem AS group centrally. Elkem AS group has financial risk policies in place, approved by its board of directors.

FINANCIAL RISK FACTORS

(a) Market risk

(I) Currency risk

Transaction risk - cash flow hedge

Elkem AS group has sales revenue and operating costs in various currencies. The prices of finished goods are to a large extent determined in international markets, primarily in USD and EUR. This is partly offset by purchase of raw materials denominated in the same currencies. Elkem AS group has net positive cash flows in most currencies, but has a net cost position, mainly Norwegian krone, Canadian dollars and Icelandic krona.

Elkem AS group's policy is to hedge foreign exchange risk against functional currency to even out fluctuations in result and cash flow. The target is to hedge net cash flow for 0-3 months on a 90% hedging ratio. Net cash flow for 4-12 months should be hedged on a rolling basis based on a 45% hedging ratio target. The hedging ratio for 4-12 months may vary between 25% and 75%. On two occasions, last in Q2 2015, a mandate was given from the board to increase the hedging horizon for EUR and USD up to 36 months. For 2016 the hedging ratio was set to 75%, for 2017 to 25% and for 2018 to 15%. Elkem AS group also has a hedge in JPY until 2020 related to a long-term-customer contract. Elkem AS group uses hedge accounting for all cash flow hedges over 3 months. In 2016, Elkem AS group realised a loss of NOK 175 million from this hedging program (loss of NOK 151 million).

Foreign exchange - sensitivity analysis on financial instruments

Elkem AS group is presenting its accounts in Norwegian krone, but it has underlying assets and liabilities in various currencies. These effects are monitored and managed centrally.

The table below shows currency effect by lines in the financial statement

| Currency effect included in financial statement | 2016 | 2015 |
|--|----------|---------|
| Net foreign exchange gains / losses - foreign exchange forward contracts - included in Other | | |
| gains and losses | 26 595 | 41 587 |
| Operating foreign exchange gains / losses - included in Other gains and losses | (19 936) | 9 954 |
| Net foreign currency exchange gain / loss on financing activities | 49 661 | 32 533 |
| Currency translation differences - included in comprehensive income | (64 508) | 251 943 |

Sensitivity on profit and loss from financial instruments: the sensitivity related to financial instruments on Elkem AS group's profit or loss, is based on a strengthening / weakening of all currencies by 10% against the Norwegian krone, which is the presentation currency for Elkem AS group. If the Norwegian krone is strengthened by 10% against all other currencies, the isolated effect on financial instruments would have been a reduced profit before tax of approximately NOK 273 million (NOK 582 million).

Sensitivity on balance sheet from financial instruments: the sensitivity related to financial instruments on Elkem AS group's balance sheet, is based on a weakening / strengthening of all currencies by 10% against the Norwegian krone, which is the presentation currency for Elkem AS group. If the Norwegian krone is strengthened by 10% against all other currencies, the isolated effect on financial instruments would have given an increased equity of NOK 92 million (NOK 64 million). This effect does not include the effects from the sensitivity on profit or loss as calculated above.

(II) Price risk

Elkem AS group is exposed to fluctuations in market prices both in the investment portfolio and in the operating business related to individual contracts. The investment portfolio is limited, see note 13 Joint arrangements (joint ventures) and note 14 Interest in associates and other companies.

Raw materials

The business is exposed to changes in market prices for raw materials and finished goods. The group seeks to minimise the exposure by entering into sales and purchase contracts with similar duration and volume.

Elkem AS group's main production capacity is focused towards specialised products. These products require special types of raw materials that have fixed customer specifications. Elkem AS group has acquired several raw material sources and / or enters into medium to long-term contracts with raw material suppliers.

Power

Elkem AS group purchases power contracts to minimise the future exposure to changes in power prices. These contracs are either financial instruments, physical commodity contracts that both meet and do not meet the criteria for own use according to IFRS.

Changes in fair value of commodity contracts reflect unrealised gains or losses and are calculated as the difference between market price and contract price, discounted to present value. Valuation techniques are used for available market information as much as possible. Techniques that reflect how the market could be expected to price instruments, are used in non-observable markets.

Elkem AS group's portfolio of commodity contracts consists mostly of physical energy contracts. Electric power is a key input factor for Elkem AS group. Elkem AS group's estimated future power exposure is partly hedged by long-term power contracts in addition to several contracts in the medium-term. Optimisation of 24-hour, seasonal and capacity utilisation variations are solved through utilising financial and physical contracts that are traded bilaterally, or at Nasdaq OMX. The purpose of the hedging activities is to reduce volatility in the power cost and increase the predictability of the cost base. Fair value of commodity contracts is especially sensitive for future changes in energy prices.

Valuation of the power contracts

The valuation technique used for valuing the power contracts is described in note 26 Financial instruments.

Sensitivity analysis - power contracts

Sensitivity on the Statkraft and the '30-øringen' contracts is as follows (figures in NOK million)

| '30-øringen' contract | | Fair value 31.12.2016 | Adjusted NPV |
|-----------------------|----------------|-----------------------|--------------|
| WACC (used 3.6%) | change to 0% | 72 | 137 |
| WACC (used 3.6%) | change to 5% | 72 | 54 |
| CPI (used 2%) | change to 1% | 72 | 120 |
| CPI (used 2%) | change to 3% | 72 | 22 |
| Power price | decrease -10% | 72 | 18 |
| Power price | increase + 10% | 72 | 124 |
| Statkraft contract | | Fair value 31.12.2016 | Adjusted NPV |
| Power price | decrease -10% | (537) | (689) |
| Power price | increase + 10% | (537) | (386) |
| WACC (used 1.85%) | change to 0% | (537) | (560) |
| WACC (used 1.85%) | change to 5% | (537) | (497) |

(III) Interest rate risks

Elkem AS group's interest rate risk arises from borrowings from external financial institutions. Elkem AS group's liabilities are mainly drawn in EUR.

Elkem AS group is exposed to fluctuating interest rates. Elkem AS group has a floating interest rate policy. Industry conditions are cyclical and prices and sales volumes for Elkem AS group's products tend to correlate with general economic conditions. During an economic downturn sales prices and volumes are expected to go down, while prices and volumes tend to go up during an economic upturn. A floating interest rate policy is seen as appropriate from a financial risk perspective. With floating interest rates the group will normally be in a position to benefit from lower interest rates in an economic downturn. A floating rate policy will, however, leave the group exposed to increased future interest rates.

As at 31 December 2016 Elkem AS group has the following interest-bearing assets and liabilities

| | Floating | Fixed | Total |
|------------------------------|-----------|-------|-----------|
| Interest-bearing liabilities | 3 112 829 | - | 3 112 829 |
| Interest-bearing assets | 1 384 064 | - | 1384 064 |
| Net exposure | 1 728 765 | - | 1 728 765 |

Sensitivity

The interest rate sensitivity is based on a parallel shift in the interest rates that Elkem AS group is exposed to. If interest rates had been 50 basis points higher for a full year, based on net debt as at 31 December 2016, with all other variables held constant, the profit after tax would have been NOK 6.3 million lower (NOK 7 million). An overview of Elkem's debt portfolio is presented in note 22 Interest-bearing assets / liabilities.

(b) Counterparty credit risk

Credit risk is the risk of financial losses to the group if a customer or counterparty fails to meet contractual obligations. For Elkem AS group this arises mainly to trade receivables and financial trading counterparties.

Trade receivables are generally secured by credit insurance from a reputable credit insurance company. Credit limits for each customer and overdue receivables are monitored at Elkem AS group level. For customers where credit insurance cannot be obtained, other methods are generally used to secure the sales proceeds, such as prepayment, letter of credit, documentary credit or guarantees. In particular, when sales are made in countries with a high political risk, or to remote customers, trade finance products are used to reduce the credit risk. Approximately 90% of Elkem AS group's turnover is covered by credit insurance, trade finance or prepayments. Elkem AS group realised credit losses of NOK 7 million in 2016 (NOK 6 million). The maximum exposure to credit risk for the group is NOK 1,937 million per 31 December 2016 (NOK 1,978 million).

Evaluation of financial counterparties is based on external credit ratings from Moody's and/or Standard and Poor's. The general policy is that financial counterparties should have a rating equal to, or higher than, A- (or the equivalent) from the rating agencies, but exceptions may be made on a case-by-case basis, mainly for local banks in emerging markets. Elkem AS group has not had any losses in 2016 or 2015 related to financial counterparties.

(c) Liquidity risk

Liquidity risk is the risk that the group will encounter difficulty in meeting the obligations associated with its financial liabilities. Elkem AS group is exposed to liquidity risk related to its operations and financing.

Elkem AS group's cash flow will fluctuate due to economic conditions and financial performance. In order to assess its future operational liquidity risk, short-term and long-term cash flow forecasts are provided. The short-term forecast is updated each week, and the longterm cash flow projection is updated each quarter.

In order to mitigate the operational liquidity risk, Elkem AS group has cash and revolving credit facilities with banks. As at 31 December 2016 Elkem AS group has unrestricted cash of NOK 1,231 million (NOK 1,305 million). In addition, revolving credit facilities amount to NOK 2,167 million (NOK 2,343 million), of which NOK 2,105 million is undrawn (NOK 2,264 million).

The external loan agreements contains two financial covenants. The ratio of EBITDA to consolidated Net interest payable, as defined herein, for each measurement period, where the period is calculated as the 12 months ending on the last day of a financial quarter, must exceed 4.0. Additionally, the ratio of total equity to total assets must be more than 30% at all times. Elkem complies with these covenants as of 31 December 2016 and complied with the covenants as of 31 December 2015.

The policy is to have cash and available credit facilities to cover known capital needs and generally not less than 10% of annual turnover. In addition, the policy is to ensure that the main credit facilities have a remaining maturity of at least 12 months. The maturity profile of the credit facilities per 31 December 2016 for the Elkem AS group is shown in the table below.

| Year / maturity | 2017 | 2020 | Total |
|-----------------------------------|------|-------|-------|
| Total amount of credit facilities | 350 | 1 817 | 2 167 |

The table below analyses the group's non-derivative financial liabilities and net-settled derivative financial liabilities into relevant maturity groupings based on the remaining period at the balance sheet date to the contractual maturity date. Derivative financial liabilities are included in the analysis if their contractual maturities are essential for an understanding of the timing of the cash flows. The amounts disclosed in the table are the contractual undiscounted cash flows.

| At 31 December 2016 | Less than 6 months | 6 months and 1 year | Between 1 and 2 years | Between 2 and 5 years | Over 5 years |
|------------------------------|-----------------------|------------------------|-----------------------------|-----------------------------|-----------------|
| Interest-bearing liabilities | 136 819 | 136 819 | 556 820 | 2 192 589 | 97 065 |
| Financial lease | 2 167 | 2 167 | 1 452 | 45 | - |
| Accounts payable | 1 527 587 | - | - | - | - |
| Other current liabilities | 922 135 | - | - | - | - |
| | | | Between | Between | |
| | Less than | 6 months | 1 and 2 | 2 and 5 | Over |
| At 31 December 2015 | 6 months | and 1 year | years | years | 5 years |
| Interest-bearing liabilities | 190 322 | 99 405 | 59 298 | 2 849 363 | 157 847 |
| Financial lease | 19 127 | 19 127 | 2 734 | 477 | - |
| Accounts payable | 1 448 578 | - | - | - | - |
| Other current liabilities | 1 031 380 | - | - | - | - |

A total overview of Elkem AS group's debt portfolio and instalment profile is presented in note 22 Interest-bearing assets / liabilities.

Capital management

As of 31 December 2016, Elkem's equity was NOK 7,459 million, including minority interests of NOK 88 million. The equity ratio was 50%. In 2016, Elkem's capital structure has been affected by corporate transactions. In December Elkem acquired the shares in Fesil Rana Metall AS (Fesil Rana) and the iron foundry business of the Indian Company Minex Metallurgical Co.Ltd.

Elkem AS group is managing its financing and liquidity position to reduce liquidity risk and to ensure that the company can meet its financial obligations at all times.

28 Related party transactions

100% of the shares in the Elkem AS group are held by Bluestar Elkem International Co. Ltd. S.A., see note 20 Shareholder information. Balances and transactions between Elkem AS and subsidiaries have been eliminated in the consolidated financial statements and are not disclosed in this note. Details of transactions between the group and other related parties are disclosed below.

| 2016 | Trade sales | Trade purchases | Sale of services | Purchase of services | Interest income | Interest expenses |
|--|----------------|--------------------|---------------------|----------------------|-----------------|-------------------|
| Bluestar Elkem International Co. Ltd. S.A. | - | - | 324 | - | - | - |
| Joint arrangements and associates | 121 245 | (41 917) | 103 160 | (177 850) | 2 556 | - |
| Other related parties within China National Bluestar group | 32 875 | (295 574) | 21 980 | (1 035) | - | - |
| Total | 154 120 | (337 491) | 125 464 | (178 885) | 2 556 | - |

| 2015 | Trade sales | Trade purchases 1) | Sale of services | Purchase of services | Interest income | Interest expenses |
|--|----------------|-----------------------|---------------------|----------------------|-----------------|-------------------|
| Bluestar Elkem International Co. Ltd. S.A. | - | - | 893 | - | - | - |
| Joint arrangements and associates | - | = | 3 | (155 097) | 3 129 | - |
| Other related parties within China National Bluestar group | 145 394 | (243 596) | 100 845 | (11 340) | 30 905 | (48 336) |
| Total | 145 394 | (243 596) | 101 741 | (166 437) | 34 034 | (48 336) |

| Loans from / to related parties | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Loans to joint arrangements | 66 951 | 81 442 |
| Loans from other related parties within China National Bluestar group | (7 416) | (6 693) |
| Receivables from Bluestar Elkem International Co. Ltd. S.A | 324 | 400 |
| Payables to joint arrangements and associates | (12 656) | (9 070) |
| Receivables from joint arrangements and associates | 2 227 | - |
| Payables to other related parties within China National Bluestar group | (24 918) | (50 569) |
| Receivables from other related parties within China National Bluestar group | 34 976 | 51 535 |

Information about transactions between related parties outside Elkem AS group

The main transactions between Elkem AS group and parties outside Elkem AS group are:

- Sale of management and technology services to Elkem Solar AS
- Power supply and sale of raw materials to Elkem Solar AS
- · Purchase of short and deep sea transport from North Sea Containerline AS and Elkem Chartering AS
- Purchase of warehousing for Combined Cargo Warehousing BV
- Sale of silicone to companies within China National Bluestar group

Elkem AS group also has loans from other related parties within China National Bluestar group. The main loans are given from:

• Bluestar Silicones Investment Co. Ltd.

The sale and purchase from related parties outside Elkem AS group are made on terms equivalent to those that prevail in arm's length transactions. Prices are set upon negotiations between the parties.

Outstanding balances at year-end are unsecured, and the short-term receivables and payables are interest free, with an exception of the short-term loans. The long-term loans are interest bearing, and the interest is calculated based on interbank rates (for example LIBOR and EURIBOR) plus a margin.

One-time transactions with related parties

On 19 June 2015 Elkem AS group sold 50% of its shares in the joint venture Elkem Solar AS at a proceed of NOK 820 million together with a loan receivable of NOK 1,624 million against Elkem Solar AS. The sales resulted in a gain for Elkem AS Group of NOK 104,838 thousand. The gain is presented as part of discontinued profit (loss).

In June 2015 Elkem AS group purchased fixed assets at the Fiskaa plant in Kristiansand, Norway, from Elkem Solar AS. For the rest of 2015, included in sale of services to other related parties within China National Bluestar group, Elkem Solar AS paid a rent and service fee to Elkem AS group.

Commitments with related parties

For the joint venture in Paraguay, Igazú Alloys S.A., Elkem AS group has, together with the other investor, obligations to finance the development of the foundry plant that is under construction. Elkem AS group have therefore given a long-term loan of NOK 58.2 million (NOK 87.6 million) as at 31 December 2015. The decrease from 2015 to 2016 is due to conversion of parts of the loan to shares in the company.

Transactions with key management personnel

Information on transactions with key management personnel is included in note 5 Employee benefit expenses.

Information about eliminated transactions between related parties within the Elkem AS group

Elkem AS group follows internationally accepted principles for transactions between related parties within the group. In general, Elkem AS group seeks to use transaction based methods (comparable uncontrolled price, transactional net margin method, cost plus and resale price method) in order to set the price for the transaction. Elkem AS group's set-up for sales is based both on an agent structure and as a distribution network.

The related party transactions in Elkem AS group can be divided as follows:

1. Buy-sell off products

- a. Supply of raw materials to manufacturers (sales from sourcing companies)
- b. Sale/supply of finished goods from one Elkem manufacturer to another Elkem manufacturer(as in-bound to further production)
- c. Distribution of manufactured goods (directly from the plant or indirectly for resale by distributors)
- d. Flow-through (products are sold to and from Elkem AS due to treatment of indirect taxes)

2. Services

- a. Sales agent / commissionaire services
- b. Order handling services performed for a large part of the companies by one service company
- c. General services (cost plus)
 - I. Sourcing services
 - II. Technical support services (assistance from one company to another)
 - III. Management services / Divisional management services / Cash management services
- d. Toll manufacturing services (milling services)

3. Financial services

- a. Cash pool
- b. Group loans

29 Grants

| Other grants | 23 701 | 4 742 |
|--|--------|--------|
| Funding related to energy recovery | 28 666 | 31 011 |
| CO ₂ Compensation from the Norwegian Environment Agency | 86 333 | 93 978 |
| Funding from the French government R&D | 40 094 | 46 509 |
| Funding from the Norwegian government R&D | 25 813 | 23 548 |
| Elkem AS group has received the following government grants | 2016 | 2015 |

| Total other grants received | 81 249 | 69 366 |
|--|--------|--------|
| Other grants received ftrom other than government | 250 | 823 |
| Norwegian emission fund for reduced emmision of SO ₂ ¹⁾ | 32 222 | 1 788 |
| Norwegian NO _X fund for reduced emission of NO _X ¹⁾ | 48 777 | 66 755 |
| Elkem AS group has received the following grants from other | 2016 | 2015 |

¹⁾ The industry in Norway pays a fee for their emission of NO_x and SO₂ to two different foundations. The two foundations are self-financed by the fee and their purpose is to support projects that reduce SO₂ and NO_x emission from the industry in Norway.

Grants received is included in the financial statement as follows:

| Other operating income | 175 777 | 176 231 |
|--|---------|---------|
| Deduction of carrying amount of fixed assets | 110 079 | 92 923 |
| Total | 285 856 | 269 154 |
| Receivables related to grants | 320 690 | 326 624 |
| Deferred income related to grants | (6 252) | (9 837) |

In 2015 Elkem AS group received NOK 28,974 thousand in CO₂ compensation which relates to the year 2014 and 2013. The current CO₂ compensation programme will end in 2020.

Changes in the composition of the group

Elkem AS group has in 2016 invested NOK 471,012 thousand related to acquisition of subsidiaries and business (business combination). The amount comprises cash consideration transferred reduced by cash and cash equivalents of the acquiree. See note 31 Business combination for more information.

On 1 December Elkem AS group invested NOK 31,224 thousand related to increase of the ownership in Nor-Kvarts from 66.7% to 100%.

Changes in ownership interests in subsidiaries are accounted for as equity transactions. The effect on the equity attributable to owners of the parent is presented in the table below.

| Effect of changes in composition of the group | 2016 | |
|---|----------|--|
| Net consideration received (paid) | (31 224) | |
| Adjustment to non-controlling interest | 27 321 | |
| Adjustment to equity attributable to owners of the parent | (3 903) | |

31 Business combinations

Elkem AS group has in 2016 invested NOK 439,788 thousand related to acquisition of new subsidiaries and business (business combination). The amount comprises cash consideration transferred reduced by cash and cash equivalents of the acquiree.

On 1 December 2016 Elkem AS group acquired 100% of the shares in Fesil Rana Metall AS, a producer of standard and speciality ferrosilicon and microsilica from Fesil AS.

9 December 2016 Elkem AS group acquired, through purchase of assets, the iron foundry business of the Indian Company Minex Metallurgical Co.Ltd., a leading provider of speciality alloys.

These transactions are considered a business combination according to IFRS 3. Acquisition method is applied by netting the fair value of consideration given to the transferee (the 'acquisition cost'), excluding cost related to the acquisition, with the fair value of the acquired assets, liabilities and contingent liabilities assumed at the acquisition date. The acquisition cost of a purchase is equal to the fair value of the assets transferred, the equity instruments issued and the liabilities incurred or assumed at the acquisition date. The fair values of assets and liabilities under contingent consideration agreements are likewise included.

| Consideration | Fesil Rana | Minex | Total |
|--|------------|---------|-----------|
| Interest-bearing liabilities | 349 844 | 109 594 | 459 438 |
| Contingent consideration | - | - | - |
| Non-controlling ownership interest in subsidiary | - | - | - |
| Consideration transferred | 349 844 | 109 594 | 459 438 |
| Fair value of previously held equity interest | - | - | - |
| Total | 349 844 | 109 594 | 459 438 |
| Amounts for assets and liabilities recognised | Fesil Rana | Minex | Total |
| Property, plant and equipment | 336 506 | 21 302 | 357 808 |
| Other intangible assets | 23 041 | 13 256 | 36 297 |
| Investment in joint ventures | - | - | - |
| Interest in associated and other companies | 75 | = | 75 |
| Other non-current assets (including deferred tax assets) | 13 404 | = | 13 404 |
| Inventories | 205 471 | 18 467 | 223 938 |
| Accounts receivable | 30 062 | 18 708 | 48 770 |
| Derivatives, current asset | 641 | - | 641 |
| Other current assets | 27 555 | 5 764 | 33 319 |
| Cash and cash equivalents | 19 650 | - | 19 650 |
| Provisions and other non-current liabilities | (204 041) | - | (204 041) |
| Accounts payable | (85 950) | (2 273) | (88 223) |
| Income tax payables | - | - | - |
| Provisions and other current liabilities | (78 472) | (1 758) | (80 230) |
| Total | 287 942 | 73 466 | 361 408 |
| Non-controlling interests | - | - | - |
| Goodwill | 61 902 | 36 128 | 98 030 |
| Total | 349 844 | 109 594 | 459 438 |

The goodwill of NOK 98 million recognised is attributable to the assembled workforce of the companies and synergies. The business combination is carried out as a part of Elkem AS group's growth strategy.

The fair value of acquired receivables NOK 49 million is equal to the gross contractual amount of receivables. At acquisition date and finalisation of purchase price allocation, management deems the contractual cash flows are expected to be collectible. The companies have credit insurance for the main part of their accounts receivable.

For the period from purchase to 31 December 2016 Fesil Rana have contributed NOK 76 million to operating revenue and contributed positively NOK 3 million to consolidated profit. If the acquisition date of business combination was 1 January 2016, the operating revenue of the Elkem group would have increased by NOK 740 million and profit would have decreased by NOK 31 million. The figures do not include business combinations completed through purchase of assets (Minex) for which no separate financial statements exists and intra group transactions.

The net assets recognised are based on provisional assessment of their fair value, since the business combinations where performed close to year end and the valuation has not been completed.

32 Business combinations under common control

On 19 June 2015 Elkem AS group purchased all the shares in Bluestar Silicones International S.a.r.I (BSI group) for a purchase price of EUR 1.7 million, from Bluestar Silicones Investment Co. Ltd. (BSI). Both Elkem AS group and BSI group are under common control by China National Bluestar (group) Co. Ltd. Business combinations involving entities under common control, are accounted for according to the 'pooling of interest method' and comparable figures are restated.

33 Supplemental information to the consolidated statement of cash flows

| Acquisition of subsidiaries net of cash acquired | 471 012 | 15 015 |
|---|---------|--------|
| Cash and cash equivalents of the aquiree | 19 650 | - |
| Purchase price for new subsidiaries and increased ownership in subsidiaries | 490 662 | 15 015 |
| The liquidity effect of acquisitions consist of | 2016 | 2015 |

34 Changes in accounting policies

As described in Note 2, the Elkem AS group has changed the accounting principle applied for recognition of long-term power contracts, embedded derivatives. In addition the group has two power contracts previously recognised as own use, but the contracts are settled net and are adjusted to fair value recognition. The impact on comparable figures in the statement of income and statement of financial position are shown in the tables below, see note 26 Financial instruments for more information about the contracts.

| | 2015 Financial | Embedded | Net settlement | 2015 |
|--|----------------|-----------------|----------------|-----------|
| Income statement 1.1.15-31.12.2015 | statement | derivatives | contracts | Restated |
| Other gains and losses | (65 779) | (72 049) | (83 178) | (221 006) |
| Operating profit (loss) | 1 465 013 | (72 049) | (83 178) | 1 309 786 |
| Tax (expense) / income | (462 529) | 17 346 | 20 520 | (424 663) |
| Profit (loss) for the year from continued operations | 959 769 | (54 703) | (62 658) | 842 408 |
| | 2014 Financial | Embedded | Net settlement | 2014 |
| Balance sheet 31.12.2014 / Opening balance 1.1.2015 | statement | derivatives | contracts | Restated |
| Retained earnings | (475 659) | (25 353) | (8 997) | (510 009) |
| Deferred tax liabilities | 211 949 | (8 996) | (3 708) | 199 245 |
| Derivatives, non-current liabilities | 252 405 | 33 322 | 13 732 | 299 459 |
| | 2015 Financial | Embedded | Net settlement | 2015 |
| Balance sheet 31.12.2015 | statement | derivatives | contracts | Restated |
| Retained earnings | 3 107 336 | (79 029) | (72 682) | 2 955 625 |
| Deferred tax liabilities | 175 046 | (26 343) | (24 227) | 124 476 |
| Derivatives, non-current liabilities | 723 571 | 103 743 | 98 538 | 925 852 |

35 Discontinued operations

On 19 June 2015 Elkem AS group sold the remaining 50% of its shares in Elkem Solar AS at a proceed of NOK 820 million together with a loan receivable of NOK 1,624 million. The shares and the receivables were transferred to the acquirer, Bluestar Elkem Investment Co. Ltd., and then netted towards shareholder loans of NOK 1,440 million. The remaining receivables of NOK 1,067 million were distributed as dividend. Elkem AS group share of profit (loss) of Elkem Solar Holding, including gain on disposal, is included in profit (loss) for the year from discontinued operations in the statement of income. Below is an overview of the effects from disposal of Elkem Solar Holding.

| Excerpt of the income statement for discontinued operations | 2015 |
|--|-----------|
| Revenue (external) | _ |
| Operating expenses (external) | - |
| Operating profit | - |
| Finance expenses (external) | - |
| Profit before tax of discontinued operations | - |
| Tax | - |
| Profit after tax of discontinued operations | - |
| Pre-tax gain / (loss) recognised on the re-measurement of assets of disposal group | 104 838 |
| Tax | - |
| After tax gain / (loss) recognised on the re-measurement of assets of disposal group | 104 838 |
| Share of profit equity method 1) | (111 935) |
| Profit for the year from discontinued operations | (7 097) |

¹⁾ See note 13 Joint arrangements



Income statement - Elkem AS

| 1 January - 31 December | Note | 2016 | 2015 |
|--|------|-------------|-------------|
| Amounts in NOK 1000 | | | |
| Revenues | 4 | 6 900 847 | 7 155 256 |
| Other operating income | 4 | 110 132 | 123 166 |
| Total operating income | | 7 010 979 | 7 278 422 |
| Raw materials and energy for smelting | | (3 962 601) | (3 970 252) |
| Employee benefit expenses | 5.6 | (912 939) | (902 483) |
| Amortisation and depreciation | 12 | (318 435) | (309 465) |
| Impairment losses | 12 | (8 052) | (1 814) |
| Other gains / losses related to operating activities | 9 | 221 465 | (653 064) |
| Other operating expenses | 7,8 | (1 480 646) | (1 436 560) |
| Total operating expenses | | (6 461 208) | (7 273 638) |
| | | | |
| Operating profit (loss) | | 549 771 | 4 784 |
| Income from subsidiaries | 13 | 115 893 | 137 315 |
| Income from joint ventures | 14 | - | (7 097) |
| Write down on shares in subsidiaries | 13 | (2 857) | - |
| Net gain (loss) from investments | | 113 036 | 130 218 |
| Finance income | 10 | 55 782 | 76 721 |
| Foreign exchange gains (losses) | 10 | 103 227 | 142 031 |
| Finance expenses | 10 | (89 961) | (64 899) |
| Profit (loss) before income tax | | 731 855 | 288 855 |
| | | | |
| Tax (expenses) / income | 11 | (146 920) | (79 471) |
| Profit (loss) for the year | | 584 935 | 209 384 |

Balance sheet - Elkem AS

| Inventories Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Pension liabilities Derivatives Provisions and other non-current liabilities Total non-current liabilities Accounts payable Income tax payables Current interest-bearing liabilities Derivatives Other current liabilities Other current liabilities Total current liabilities | 21 21 23 11 6 27 25 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 50 934 3 286 934 584 277 30 956 1 728 799 62 843 331 554 2 738 429 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 25 09 3 529 566 660 476 16 37 1 578 38 433 94 337 52 3 026 69 |
|--|---------------------------------------|---|--|
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Pension liabilities Derivatives Provisions and other non-current liabilities Total non-current liabilities Accounts payable Income tax payables Current interest-bearing liabilities Derivatives Other current liabilities | 23 11 6 27 25 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 50 934 3 286 934 584 277 30 956 1 728 799 62 843 331 554 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 25 09 3 529 566 660 470 16 37 1 578 38 433 94 337 52 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Pension liabilities Derivatives Provisions and other non-current liabilities Total non-current liabilities Accounts payable Income tax payables Current interest-bearing liabilities Derivatives Derivatives Current interest-bearing liabilities Derivatives | 23 11 6 27 25 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 50 934 3 286 934 584 277 30 956 1 728 799 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 25 09 3 529 56 660 476 16 37 1 578 38 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Pension liabilities Derivatives Provisions and other non-current liabilities Total non-current liabilities Accounts payable Income tax payables | 23 11 6 27 25 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 50 934 3 286 934 584 277 30 956 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 25 09 3 529 56 660 476 16 37 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Derivatives Perovisions and other non-current liabilities Total non-current liabilities Total non-current liabilities Accounts payable | 23 11 6 27 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 50 934 3 286 934 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 25 09 3 529 56 660 476 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Derivatives Derivatives Derivatives Provisions and other non-current liabilities Total non-current liabilities | 23 11 6 27 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 50 934 3 286 934 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 25 09 3 529 56 6 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Fotal current assets FOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Fotal equity Non-current interest-bearing liabilities Deferred tax liabilities Pension liabilities Derivatives Provisions and other non-current liabilities | 23 11 6 27 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 50 934 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 25 09 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Dension liabilities Derivatives | 23 11 6 27 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 147 596 | 3 088 20 554 63 3 642 83 3 090 456 66 53 347 47 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities Pension liabilities | 23 11 6 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 65 405 | 3 088 20 554 63 3 642 83 3 090 456 66 53 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities Deferred tax liabilities | 21 23 11 | 3 088 203 1 284 671 4 372 874 2 895 032 127 967 | 3 088 20 554 63 3 642 83 3 090 45 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Total equity Non-current interest-bearing liabilities | 21 | 3 088 203 1 284 671 4 372 874 2 895 032 | 3 088 20 554 63 3 642 83 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Fotal current assets FOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings Fotal equity Non-current interest-bearing liabilities | 21 | 3 088 203 1 284 671 4 372 874 2 895 032 | 3 088 20 554 63 3 642 83 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital Retained earnings | | 3 088 203 1 284 671 | 3 088 20 554 63 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS EQUITY AND LIABILITIES Paid-in capital | | 3 088 203 | 3 088 20 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Fotal current assets FOTAL ASSETS EQUITY AND LIABILITIES | 21 | | |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets TOTAL ASSETS | | 10 398 237 | 10 199 09 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents Total current assets | | 10 700 077 | 10 100 00 |
| Accounts receivable Other current assets Derivatives Cash and cash equivalents | | | |
| Accounts receivable Other current assets Derivatives | - | 2 611 089 | 3 254 28 |
| Accounts receivable Other current assets | 20 | 292 468 | 723 56 |
| Accounts receivable | 27 | 56 388 | 20 73 |
| | 19 | 290 154 | 456 37 |
| | 17 18 | 1 182 337 789 742 | 1 252 66 800 94 |
| Total non-current assets | | 7 787 148 | 6 944 80 |
| Other non-current assets | 16 | 760 233 | 3 280 30 |
| Derivatives | 27 | 36 028 | 40 48 |
| nvestments in associates and other companies | 15 | 12 669 | 14 25 |
| nvestments in subsidiaries | 13 | 4 644 888 | 1 184 82 |
| Deferred tax assets | 11 | - | 33 45 |
| ntangible assets | 12 | 430 394 | 523 69 |
| Property, plant and equipment | 12 | 1 902 936 | 1867 78 |
| ASSETS | | | |
| Amounts in NOK 1000 | | | |
| January - 31 December | Note | 2016 | 201 |

Oslo, 3 April 2017

Elkem AS board of directors

Michael Koenig Chairman of the board Einar Støfringshaug Marianne Færøyvik

Einar Støfringshaug Marianne Færøyvik

Yougen Ge

Olivier de Clermont-Tonnerre

Helge Aasen, CEO

Cash flow statement - Elkem AS

| 1 January - 31 December | Note | 2016 | 2015 |
|--|------|-----------|-------------|
| Amounts in NOK 1000 | | | |
| Operating profit | | 549 771 | 4 784 |
| Changes fair value financial instruments | 9 | (385 935) | 363 948 |
| Amortisation, depreciation and impairment changes | 12 | 326 487 | 311 279 |
| Changes in net working capital | | (6 418) | 108 216 |
| Changes in other working capital | | (136 792) | 172 316 |
| Interest payments received | | 5 441 | 76 300 |
| Interest payments made | | (59 723) | (48 606) |
| Income taxes paid | | (14 461) | (1348) |
| Cash flow from operating activities | | 278 370 | 986 889 |
| | | | |
| Investments in property, plant and equipment and intangible assets | 12 | (208 210) | (448 093) |
| Sale of property, plant and equipment | 12 | 2 425 | 545 |
| Cash effect from merged companies | | 62 974 | - |
| Acquisition of subsidiaries | | (451 673) | (15 215) |
| Disposal of investment in subsidiaries and other companies | | 150 | 903 |
| Increase / decrease in loans to joint ventures | | - | - |
| Increase / decrease in loans to subsidiaries | | (245 864) | (930 506) |
| Dividend | | 169 093 | 18 530 |
| Cash flow from investing activities | | (671 105) | (1 373 836) |
| Dividend | 21 | _ | (1 900 000) |
| New loans raised | 21 | 59 560 | 3 470 933 |
| Repayment of loans | | (97 810) | (559 896) |
| | | | 1 011 037 |
| Cash flow from financing activities | | (38 250) | 1011037 |
| Change in cash and cash equivalents | | (430 985) | 624 090 |
| Currency exchange differences | | (116) | 186 |
| Net change in cash and cash equivalents | | (431 101) | 624 276 |
| Cash and cash equivalents Opening balance | 20 | 723 569 | 99 293 |
| Cash and cash equivalents Opening balance | 20 | 292 468 | 723 569 |
| Cash and Cash equivalents Closing Dalance | | 232 400 | 123 309 |

Notes to the financial statement - Elkem AS

Amounts in NOK 1000

General information

Elkem AS is a company located in Norway, producing silicon, ferrosilicon and microsilica. The company is fully owned by Bluestar Elkem International Co. Ltd. S.A., Luxembourg.

Significant accounting policies

The financial statements have been prepared in accordance with the Norwegian Accounting Act and generally accepted accounting principles in Norway. The accounts are prepared on the basis of a going concern assumption.

Changes in accounting policies and classification

Changes in accounting policies are recognised directly in the equity, and the opening balance is adjusted as if the new accounting policy had always been applied. Last year's figures are changed correspondingly, for comparative purposes.

Elkem AS has changed the accounting principle for long-term power contracts settled in other currencies than the entity's functional currency. Under the old accounting practice, these contracts were recognised in their entirety on delivery according to the own use exemption. In a letter issued in June 2016, the Financial Supervisory Authority (FSA) of Norway stated that currency portion of these contracts is an embedded derivative that must be separated from the host contract and be accounted for separately as an independent derivative. Elkem AS has chosen to follow the new policy stated by the FSA. Comparative figures have been restated, see note 31 Changes in accounting policies.

Elkem has changed the presentation of gains and losses from commodity derivatives where hedge accounting is not applied, to be included in line item Other gains / losses related to operating activities. Elkem AS uses both currency and power derivatives to mitigate future fluctuations in cash flows. Previously the effect of fair value changes from commodity derivatives was presented as a finance income / expense and changes from currency derivatives as other gains / losses related to operating activities. Both types of derivatives are a part of Elkem's operational activities and a change in presentation gives a better overview of Elkem's operational performance and risks. Comparative figures have been restated, see note 31 Changes in accounting policies.

Accounting estimates

In the event of uncertainty, the best estimate is applied, based on the information available when the annual accounts are prepared. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimates are revised and in any future periods affected. See note 3 Accounting estimates.

Foreign currency translation

Elkem AS functional currency is Norwegian Kroner (NOK). Transactions in currencies other than the entity's functional currency are translated using the transaction date's currency rate. If the currency exposure of a transaction is designated as part of a hedging relationship, realised effects from the associated hedging instrument is classified in the same line in the financial statements as the hedged transactions. Monetary items in foreign currencies are presented at the exchange rate applicable on the balance sheet date. Currency gains / losses related to operating activities, i.e. receivables, payables, bank accounts for operating purposes, are classified as a part of Operating profit (loss). As a result of this, currency effects included in Finance income and expenses are only related to loans and dividends.

Revenue recognition

Revenue is recognised when it is probable that transactions will generate future economic benefits for the company and the revenue and the related costs can be measured reliably. Revenue is measured at the fair value of the considerations received or receivable,

net of any taxes, rebates and discounts. Revenue and expenses that relate to the same transaction are recognised simultaneously. When products are sold with warranties, the expected warranty amounts are recognised as expenses at the time of the sale, and are subsequently adjusted for any changes in estimates or actual outcome.

Revenue from sale of goods is recognised when the significant risk and reward of the ownership of the goods have passed to the buyer, according to the agreed delivery term for each sale. Delivery terms are based on Incoterms 2010 issued by International Chamber of Commerce, and the main terms are:

'F' terms, where the buyer arranges and pays for the main carriage. The risk and reward are passed to the buyer when the goods are handled over to the carrier engaged by the buyer.

'C' terms, where the group arranges and pays for the main carriage but without assuming the risk of the main carriage. The risk and reward are passed to the buyer when the goods are handled over to the carrier engaged by the seller.

'D' terms, where the group arranges and pays for the carriage and retain the risk and reward of the goods until delivery at agreed destination. The risk is transferred to the buyer upon arrival at agreed destination, usually the purchaser's warehouse.

Revenue from sale of services is recognised when the services has been provided.

External sales of electric power are recognised in income on the basis of the price agreed with the customer upon delivery.

Income from insurance settlements are recognised when it is virtually certain that the group will receive the compensation, and presented as other operating income. Interest income is recognised on accrual basis. Dividends are recognised when shareholders' right to receive dividends is determined by the shareholder's meeting. Sales revenues are presented net of VAT and discounts.

Investment in subsidiaries, associates and jointly controlled entities

Subsidiaries are companies in which Elkem AS has controlling interests, normally obtained when Elkem AS owns more than 50% of the shares.

Associates are those entities in which Elkem AS has significant influence, but no control, over the financial and operating policies. Significant influence is presumed to exist when Elkem AS holds between 20% and 50% of the voting power of another entity. Jointly controlled entities are those entities over whose activities Elkem AS has joint control, established by contractual agreement and requiring unanimous consent for strategic financial and operating decisions.

Subsidiaries

Interests in subsidiaries are recognised at cost less any write-down for impairment. An impairment loss is recognised if the impairment is considered not to be temporary.

Associates

Investments in associates are valued at cost and impairment loss is recognised if the carrrying amount exceeds the recoverable amount. The impairment is reversed if the basis for the write-down is no longer present. Dividend received from associated companies are included in financial income.

Joint ventures

Elkem AS interests in jointly controlled entities, which operates within Elkem AS business areas (silicon, ferrosilicon and microsilica), are accounted for by proportionate consolidation. Elkem AS combines its share of the Joint ventures' individual income and expenses, assets and liabilities and cash flows on a line-by-line basis with similar items in the financial statements.

Elkem AS interests in joint controlled entities, which do not operate within Elkem AS business areas, are accounted for using the equity method. Under the equity method, the investment is initially recognised at cost, and the carrying amount is increased or decreased to recognise the investor's share of the profit or loss and other comprehensive income of the investee after the date of acquisition.

Intangible assets

Intangible assets are stated in the financial statement at cost less subsequent accumulated amortisation and subsequent accumulated impairment losses. Intangible assets with a finite useful life are amortised, using the straight-line method. The estimated useful life and amortisation method is reviewed at the end of each reporting period.

An intangible asset is derecognised on disposal, or when no future economic benefits from its use are expected to be derived. Gain or loss arising from derecognition of an intangible asset, measured as the difference between the net disposal proceeds and the carrying amount of the asset, is recognised in the income statement.

Expenditure on research activities is recognised as an expense in the period in which it is incurred. An intangible asset arising

from an internal development project is recognised if the company can demonstrate technical feasibility in completing the intangible asset, has intention to complete it, ability to use it, can demonstrate that it will generate probable future economic benefits and the cost can be reliably measured.

Property, plant and equipment

Property, plant and equipment are presented at cost, less accumulated depreciations and any accumulated impairment losses. Construction in progress are carried at cost, less any recognised impairment loss. Such assets are classified to the appropriate class of property, plant and equipment when completed and ready for its intended use. Significant parts of an item of property, plant and equipment which have different useful life, are accounted for as separate items. Depreciation commences when the assets are ready for their intended use.

Initial costs include expenditures that are directly attributable to the acquisition of the asset. Self-constructed assets include cost of materials and direct labour, any other costs directly attributable to bringing the assets to working condition for their intended use, including estimated dismantling or removing charges if applicable, and capitalised borrowing costs.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, when future benefits are probable and the cost can be measured reliably. The carrying amount of the replaced part is derecognised. Major periodic maintenance that is carried out less frequently than every year, is capitalised and depreciated over the period until the next periodic maintenance is performed. All other repairs and maintenance are charged to the income statement when incurred.

Depreciation is recognised using the straight-line method. The estimated useful life, residual values and depreciation method is reviewed at the end of each reporting period.

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on the disposal or retirement is determined as the difference between the sales proceeds and the carrying amount of the asset, and is recognised in the income statement.

Impairment of tangible and intangible assets

At the end of each reporting period, the carrying amounts of tangible and intangible assets are reviewed to determine whether there is any indication of impairment. If any such indications exist, the recoverable amount of the individual asset is estimated in order to determine the extent of the impairment loss/write-down. If it is not possible to estimate the recoverable amount of the individual asset, the recoverable amount of the lowest possible cash generating unit, to which the asset belongs, is estimated.

The recoverable amount is the higher of fair value less costs to sell, or its value in use. Value in use is the present value of the future cash flows expected to be derived from use of the cash generating unit, after taking into account all other relevant information. If an impairment loss for assets other than goodwill is recognised in a previous period, the entity assesses whether there are indications that the impairment may have decreased or no longer exists. If so, the impairment loss / write-down is reversed, based on an updated estimate of the recoverable amount, but not exceeding the carrying amount that would have been determined had no impairment loss been recognised for the asset.

Leasing

Leases are classified as financial leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

Assets held under finance leases are initially recognised as assets at the present value of the minimum lease payment. The corresponding liability to the lessor is included in the financial statements as a finance lease obligation. Each lease payment is allocated between the liability and finance charges so as to achieve a constant rate on the obligation.

Non-derivative financial assets and liabilities

Purchases and sales of financial assets are recognised at the date of transaction on which Elkem AS is committed to the purchase or sale of the asset.

At initial recognition, the financial assets are carried in the balance sheet at fair value plus any transaction costs directly attributable to the acquisition or issue of the asset. Financial assets are derecognised once the right to future cash flows have expired or when substantially all risks and rewards related to control of the assets are transferred to a third party.

Financial assets with a maturity exceeding one year are classified as non-current financial assets. Short term investments that do not meet the definitions of a cash equivalent and financial assets with a maturity of less than one year are classified as current financial

assets. Non-current financial assets are recognised and subsequently measured at cost less any impairment loss, if the impairment is assessed not to be temporary.

Financial assets classified as held for trading are assets that have been acquired for the purpose of selling in the near term. These assets are carried in the balance sheet at fair value with gains or losses recognised in the income statement.

Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in a regulated market. They are recognised at amortised cost using the effective interest method. Gains and losses are recognised in the consolidated income statement when the loans and receivables are derecognised or impaired, as well as through the amortisation process. An impairment loss is recognised when the carrying amount exceeds the estimated recoverable amount.

The category includes operating receivables, deposits, guarantees and loans. These assets are classified in the balance sheet as non-current assets or other current assets, if the repayment schedule is less than one year.

Trade and other receivables

Trade and other receivables are recognised at nominal value less provisions for doubtful accounts.

Cash and cash equivalents

Cash and cash equivalents are held for the purpose of meeting short term fluctuations in liquidity, rather than for investment purposes. Cash and cash equivalents comprise cash fund and short term deposits. Bank overdrafts are shown within current interest bearing liabilities in the balance sheet. Elkem AS' deposits and drawings within the Group bank accounts are netted by offsetting deposits against withdrawals. The subsidiaries' deposits and drawings are classified as current assets / liabilities.

Derivative financial instruments

Derivatives are initially recognised at fair value on the date the derivative contracts are entered into, and are subsequently remeasured to their fair value at the end of the reporting period. The resulting gain or loss is recognised in the income statement immediately, unless when the derivative is designated and is effective as a hedging instrument. If the derivative is designated as a hedging instrument, timing of recognition in the income statement depends on the nature of the hedging relationship.

Embedded derivatives are separated from the host contract and booked at fair value, as an independent derivative.

Contracts for the entity's own use are contracts which are entered into and continue to be held for the purpose of the receipt of a non-financial item according to the company's usage requirements. This applies to power purchase contracts intended for use in the plant's production processes. Such contracts are booked in the income statement on realisation. Contracts for own use designated as a hedging instrument are booked at fair value, and the timing of recognition in the income statement depends on the timing of the effects of the hedged item.

Hedge accounting

Elkem AS may designate certain derivatives as hedging instruments for fair value hedges and cash flow hedges. At the inception of the hedge relationship, the entity documents the relationship between the hedging instrument and the hedged item, along with its risk management objectives and its strategy for undertaking various hedge transactions.

Fair value hedges

Changes in the fair value of derivatives that are designated and qualify as fair value hedges, are recognised in profit or loss immediately together with any changes in the fair value of the hedged asset or liability that are attributable to the hedged risk.

Cash flow hedges

The effective portion of changes in the fair value of derivatives that are designated and qualify as cash flow hedges, are recognised in the equity and accumulated under the heading of cash flow hedging reserve. The gain or loss relating to the ineffective portion is recognised immediately in the income statement. Gains / losses recognised in the equity are reclassified into Profit or Loss in the same period(s) as the hedged assets / liabilities.

When a hedging instrument expires or is sold, or when a hedge no longer meets the criteria for hedge accounting, any cumulative gain or loss existing in the equity at that time remains in equity and is recognised when the forecast transaction is ultimately

recognised in the income statement. When a forecast transaction is no longer expected to occur, the cumulative gain or loss that was reported in equity is immediately transferred to the income statement.

Inventories

Inventories are recognised at the lowest of cost and net realisable value. The cost of inventory comprises of the costs incurred in bringing the goods to their current condition and location, such as raw materials, energy for smelting, direct labour, other direct costs and production overhead costs based on normal capacity. Net realisable value represents the estimated selling price for inventories less estimated costs of completion and variable selling expenses.

Cost of goods sold is included in different lines in the income statement based on nature; Raw materials and energy for smelting, Employee benefits and Other operating cost, for the remaining part.

Taxation

Income taxes

Current tax assets and liabilities are measured at the amount expected to be recovered or paid to the tax authorities. Current tax payable includes any adjustment to tax payable in respect of previous years. Income tax is recognised in the income statement except to the extent that it relates to items recognised directly in equity. Income tax relating to items recognised directly in equity is recognised in equity, not in the income statement.

Uncertain tax positions are included when it is probable that the tax position will be sustained in a tax review, and provisions are made relating to uncertain or disputed tax positions at the amount expected to be paid. The provision is reversed when the disputed tax position is settled in favour of the entity and can no longer be appealed.

Deferred tax

Deferred tax assets and liabilities are calculated using the liability method with full allocation for all temporary differences between the tax base and the carrying amount of assets and liabilities in the financial statements, including tax losses carried forward. Deferred tax relating to items outside profit or loss is recognised outside profit and loss. Deferred tax items are recognised in correlation to the underlying transaction either in other profit and loss or directly in equity. If the temporary difference arises from the initial recognition of goodwill, the deferred tax assets and liabilities are not recognised.

Deferred tax assets are recognised in the statement of financial position to the extent it is more likely than not that the tax assets will be utilised. The enacted tax rate at the end of the reporting period and undiscounted amounts are used. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets.

Employee benefits

Defined contribution plans

Defined contribution plans comprise arrangements whereby the company makes monthly contributions to the employees' pension plans, and where the future pensions are determined by the amount of the contributions and the return on the pension plan asset. The company's contribution constitutes from 4% to 8% of the basic salary between 1 and 12G (G refers to the Norwegian national insurance scheme's basic amount in, amounting to NOK 92 576 for 2016). A separate contribution plan is established for salaries above 12G. Payments related to the contribution plans are expensed as incurred, as a part of Employee benefit expenses.

Defined benefit plans

Defined benefit plans are recognised at present value of future liabilities considered retained at the end of the reporting period. Plan assets are recorded at fair value. Changes in benefit liabilities due to changes in benefit plans, are distributed over average remaining contribution time. Actuarial gains / losses due to changes in financial and actuarial assumptions are recognised directly in the equity. Net pension benefit costs are classified as part of Employee benefit expenses. Net interest on pension liabilities / assets are presented as a part of Finance expenses.

Provisions

A provision is recognised when a present obligation exists and it is probable that an outflow of resources is required to settle the obligation. The amount recognised is the best estimate of the consideration required to settle the obligation, taking into account the risks and uncertainties surrounding the obligation, known at the end of the reporting period. Provisions are measured at present value, unless the time value is assessed to be immaterial.

Grants

Grants are recognised when there is reasonable assurance that Elkem AS will comply with the conditions attaching them, and that the grants will be received. Grants are recognised in the income statement over the periods necessary to match them with the cost they are intended to compensate.

Contingent assets and liabilities

Contingent assets are not recognised, but presented in the notes if probable. Contingent liabilities are liabilities that are not recognised because they are possible obligations that have not yet been confirmed, or they are present obligations where an outflow of resources are not probable. Any significant contingent liabilities are disclosed in the notes.

Events after the reporting period

Events after the reporting period related to Elkem AS' financial position at the end of the reporting period, are considered in the financial statement. Events after the reporting period that have no effect on the company's financial position at the end of the reporting period, but will have effect on future financial position, are disclosed if the future effect is material.

Accounting estimates

In the event of uncertainty, the best estimate is applied, based on the information available when the annual accounts are prepared.

Property plant and equipment

The estimated useful life, residual values (if any) and depreciation method is reviewed, and if necessary adjusted, at least annually.

Deferred tax assets

Elkem AS performs annual tests for impairment of deferred tax assets. Part of the basis for recognising deferred tax assets is based on applying the loss carried forward against future taxable income in the group. This requires the use of estimates when calculating future taxable income.

Financial instruments

Elkem AS holds financial instruments such as forward exchange contracts, commodity contracts and embedded derivatives, EUR derivatives separated from commodity contracts nominated in EUR, which are booked according to hegde accounting principles. Other commodity contracts are booked at the lower of cost and fair value. Fair value for the contracts are based on observable prices and assumptions derived from observable prices for comparable instruments. Net booked value contracts booked at fair value as at 31 December 2016 is in total negative NOK 118 million, see note 27 Financial instruments for more information.

4 Operating income

| By type | 2016 | 2015 |
|------------------------------------|-----------|-----------|
| Revenue from sale of goods 1) | 5 384 881 | 5 817 613 |
| Revenue from sale of goods - group | 1232236 | 1050 606 |
| Other operating revenue | 211 730 | 176 392 |
| Other operating revenue - group | 72 000 | 110 645 |
| Total revenue | 6 900 847 | 7 155 256 |
| Other operating income | 110 132 | 123 166 |
| Total operating income | 7 010 979 | 7 278 422 |

 $^{^{1)}}$ Included in Revenue from sale of goods is sale of power NOK 385,294 thousand in 2016 and 336,911 thousand in 2015.

| Total operating income | 7 010 979 | 7 278 422 |
|---------------------------------------|-----------|-----------|
| The rest of the world | 13 567 | 7 625 |
| Asia | 1 285 032 | 1 304 805 |
| Other Asian countries | 291 179 | 492 328 |
| South Korea | 437 838 | 314 405 |
| Japan | 447 553 | 419 751 |
| China | 108 462 | 78 321 |
| America | 573 154 | 573 855 |
| South America | 31 463 | 24 644 |
| North America | 541 691 | 549 211 |
| Africa | 16 988 | 16 246 |
| Europe | 5 122 238 | 5 375 891 |
| Other European countries | 606 087 | 598 221 |
| Netherlands | 41 010 | 79 523 |
| Switzerland | 12 379 | 9 895 |
| Luxembourg | 286 893 | 433 827 |
| Poland | 158 394 | 183 433 |
| Italy | 334 463 | 367 575 |
| France | 610 055 | 561 789 |
| Germany | 1 343 490 | 1607 258 |
| United Kingdom | 354 075 | 346 035 |
| Nordic countries | 1 375 392 | 1 188 335 |
| Operating income by geographic market | 2016 | 2015 |

| Total other operating income | 110 132 | 123 166 |
|-----------------------------------|---------|---------|
| Received grants ¹⁾ | 107 520 | 121 214 |
| Insurance settlement | 249 | 1 512 |
| Sale of fixed assets | 2 364 | 440 |
| Details of other operating income | 2016 | 2015 |

¹⁾ See note 29 Grants.

5 Employee benefit expenses

| Salary, wages and other compensation | (912 939) | (902 483) |
|--|-----------|-----------|
| Other payements / benefits | (8 091) | (3 108) |
| Employee retirement benefits ¹⁾ | (44 008) | (42 066) |
| Employer's national insurance contribution | (96 613) | (89 771) |
| Salaries and other benefits | (764 226) | (767 538) |
| | 2016 | 2015 |

¹⁾ See note 6 Retirement benefits.

In 2016 the number of full time equivalent employees in Elkem AS was 1,042. In 2015 the number was 1,053.

Salary and other compensations above include the following compensations

| Compensation to members of the board | 2016 | 2015 |
|--------------------------------------|-------|-------|
| Payment to board members in total | (489) | (489) |

Senior staff compensation

Helge Aasen is the CEO of Elkem AS.

| Salary and other compensations to the CEO | 2016 | 2015 |
|---|---------|---------|
| Salary, including holiday pay | (5 111) | (4 676) |
| Bonus ¹⁾ | (3 148) | (3 095) |
| Free car | (130) | (130) |
| Other compensation | (28) | (35) |
| Pension cost | (640) | (475) |

¹⁾ In addition to the perfomance bonus, in 2016 a strategic project bonus of NOK 407 thousand and a ChemChina award of NOK 604 thouseand were paid. In 2015 bonus payment included a 25 years anniversary payment of NOK 228 thousand and a ChemChina award of NOK 681 thousand.

Retirement age for the CEO is 65-70 years. Pension from the age of 70 and other pensions regarding spouse, children and disability are paid in accordance with the general pension policy of the company. In addition to the general pension policy of the company, CEO is entitled to an annual early retirement pension from the age of 65, of 60% of pensionable salary.

The CEO is also entitled to a performance bonus equivalent to maximum 100 per cent of the base salary, based on the company performance. The following applies for the CEO upon termination by the company:

Termination payment equal to 12 months' salary is to be paid on the last working day, severance payment equivalent to 18 months' salary.

Loans and guarantees to employees

There are no loans or guarantees to board members or the CEO.

6 Retirement benefits

Defined contribution plan

Pension for employees in Elkem AS are mainly covered by pension plans that are classified as contribution plans.

Defined contribution plans comprise arrangements whereby the company makes annual contributions to the employees' pension plans, and where the future pension is determined by the amount of the contributions and the return on the individual pension plan assets.

Contribution plans also comprise pension plans that are common to several companies and where the pension premium is determined independently of the demographic profile in the individual companies (multiemployer plans).

The early retirement scheme, effective from 2011, 'ny AFP-ordning' is defined as a multi-employer plan and cost are accounted for based on annual premiums from 'Fellesordningen for AFP' (separate legal entity). The plan is accounted for as a defined contribution plan, as the plan's administrator has not been able to calculate the pension obligation for each entity participating in the plan.

All defined benefit plans are unfunded and relate to closed retirement schemes, closed individual and retirement schemes and pension on salary above 12G.

Net interest is calculated based on pension liability at the start of the period multiplied by the discount rate and are presented as a part of Financial expenses. Actuarial gains / losses for the defined benefit plans are recognized directly in equity.

The company's retirement schemes meet the minimum requirement in the Norwegian Act of Mandatory Occupational Pension.

| Breakdown of net pension expenses | 2016 | 2015 |
|---|----------|---------------|
| Current service expenses | (1692) | (1 735) |
| Accrued employer's national insurance contribution | (203) | (390) |
| Net pension expenses, defined benefit plan | (1 895) | (2 125) |
| Defined contribution plan | (30 355) | (28 223) |
| Early retirement scheme (AFP) | (11 758) | (11 718) |
| Total pension cost | (44 008) | (42 066) |
| | | |
| Calculated pension obligation | 2016 | 2015 |
| Present value of pension obligation (PBO) | (65 405) | (66 532) |
| Fair value of plan assets | - | |
| Net unfunded pension obligation | (65 405) | (66 532) |
| Active participants in pension scheme for salary above 12G | 52 | 51 |
| Retired participants | 77 | 77 |
| Summary of pension obligation and actuarial gain / losses | 2016 | 2015 |
| Pension obligations | (65 405) | (66 532) |
| Changes in actuarial gains / (losses) recognised in Equity / Deferred tax | (1 765) | (2 602) |
| Total actuarial gains / (losses) recognised in Equity / Deferred tax as of 31 December | (13 224) | (11 459) |
| Economical assumptions | 2016 | 2015 |
| Discount rate 1) | 2.0% | 2.5% |
| Change in public pension rate (G) | 2.0% | 2.5% 2.25% |
| Annual regulation of pensions paid | 1.0% | 1.0% |
| The discount rate is beard on high quality coverages bands reflection the timing of the bandit neumants | 1.070 | 1.070 |

¹⁾ The discount rate is based on high quality corporate bonds reflecting the timing of the benefit payments.

The company's chosen assumptions are in line with 'Guide to Pension Assumptions' published by The Norwegian Accounting Standard Board, September 2016.

7 Other operating expenses

| | 2016 | 2015 |
|--|-------------|-------------|
| Travel expenses | (42 109) | (42 940) |
| Machinery, tools, fixtures and fittings | (250 210) | (254 204) |
| Repair, maintenance and other operating expenses | (117 246) | (123 146) |
| Other external expenses (fees, transport, IT services, etc.) | (228 845) | (231 687) |
| Loss on accounts receivable | (6 388) | (983) |
| Other energy and fuel expenses | (81 287) | (56 266) |
| Commission expenses | (83 918) | (79 650) |
| External distribution expenses | (415 343) | (436 617) |
| Rental/leasing expenses ¹⁾ | (47 369) | (50 300) |
| Miscellaneous manufacturing, administration and selling expenses | (207 931) | (160 767) |
| Total other operating costs | (1 480 646) | (1 436 560) |

¹⁾ See note 8 Operating lease.

In 2016 Elkem AS expensed NOK 57,571 thousand (in 2015 NOK 79,177 thousand) related to research and development, which are included in the figures above. Grants received relating to research and development amount to NOK 20,614 thousand for 2016 (for 2015 NOK 19,232 thousand) are included in other operating income.

| Audit and other services | 2016 | 2015 |
|---------------------------|---------|---------|
| KPMG | | |
| Audit fee | (1 939) | - |
| Other services | (1 268) | - |
| PwC and other audit firms | | |
| Audit fee | (1 442) | (3 180) |
| Other assurance services | (258) | (719) |
| Tax services | (626) | (144) |
| Other services | (79) | (6) |
| Total audit fees | (5 611) | (4 049) |

Fees to auditors are reported exclusive of VAT.

8 Operating lease

| 2016 | Machinery and plant | Land, buildings and other properties | Equipment, furniture, systems and vehicles | Total |
|--|------------------------|--------------------------------------|--|----------|
| Lease expenses 2016 | (9 532) | (36 137) | (1 700) | (47 369) |
| Lease in accordance with contract due: | | | | |
| Within one year | (474) | (15 427) | (758) | (16 660) |
| In the second to fifth year inclusive | (277) | (46 171) | (1 955) | (48 403) |
| Over five years | - | (28 821) | - | (28 821) |

| 2015 | Machinery and plant | Land, buildings and other properties | Equipment, furniture, systems and vehicles | Total |
|--|------------------------|--------------------------------------|--|----------|
| Lease expenses 2015 | (7 560) | (38 405) | (4 335) | (50 300) |
| Lease in accordance with contract due: | | | | |
| Within one year | (1140) | (15 303) | (926) | (17 369) |
| In the second to fifth year inclusive | (1 463) | (46 284) | (2 404) | (50 151) |
| Over five years | - | (48 180) | - | (48 180) |

9 Other gains / losses related to operating activities

| Other gains / losses related to operating activities | 221 465 | (653 064) |
|---|-----------|-----------|
| Ineffectiveness on cash flow hedges power | 342 | 2 244 |
| Unrealised effects other financial instruments 2) | 8 091 | (163 338) |
| Realised effects other financial instruments 1) | (26 506) | (47 450) |
| Other currency gains / (losses) operational | (23 480) | (6 822) |
| Unrealised currency gains / (losses) from forward contracts | 412 099 | (318 742) |
| Realised currency gains / (losses) from forward contracts | (149 081) | (118 956) |
| | 2016 | 2015 |

¹⁾ Other financial instruments consist of power contracts and embedded derivatives EUR. See note 27 Financial instruments for more information.

²⁾ The amount for 2015 includes effects from power contracts swap and embedded derivatives EUR. The contracts are booked according to hedge accounting principles from 1 January 2016.

10 Finance income and expenses

| | 2016 | 2015 |
|--|----------|----------|
| Interest income ¹⁾ | 3 371 | 34 290 |
| Interest income - group | 50 509 | 42 353 |
| Dividend | 1 550 | 75 |
| Other financial income | 352 | 3 |
| Total finance income | 55 782 | 76 721 |
| Interest expenses 2) | (63 941) | (37 837) |
| Interest expenses - group | (21 157) | (22 263) |
| Interest expenses net pension liabilities | (2 310) | (1 821) |
| Other financial expenses | (2 553) | (2 978) |
| Total finance expenses | (89 961) | (64 899) |
| Net foreign currency exchange gain / loss 3) | 103 227 | 142 031 |
| Net finance income / (expenses) | 69 048 | 153 853 |

¹⁾ The change in interest income from 2015 to 2016 is mainly related to the sale of receivable on Elkem Solar AS on 19 June 2015.

²⁾ The change in interest expenses from 2015 to 2016 is mainly related to the new external long-term loans entered into in September and November 2015.

³⁾ Foreign exchange gain / loss in 2016 and 2015 is mainly related to gains on the new group loans to Bluestar Silicones International Co. Ltd. S.à.r.l. and loss on the bank loans in EUR.

11 Taxes

| Total tax expenses recognised in profit | (146 920) | (79 471) |
|---|-----------|----------|
| Deferred tax | (114 786) | (61 749) |
| Previous year tax adjustment | 1885 | (1305) |
| Current tax expenses | (34 019) | (16 417) |
| Income tax recognised in profit or loss | 2016 | 2015 |

The table below shows the reconciliation of accounting profit and tax expense. Accounting profit is multiplied by the applicable tax rate.

| | 2016 | 2015 |
|--|-----------|----------|
| Profit before tax | 731 855 | 288 855 |
| Applicable tax rate Norway | 25% | 27% |
| Tax expense at applicable tax rate | (182 964) | (77 991) |
| Permanent differences | | |
| Tax effect of income from Norwegian controlled foreign companies (NOKUS) | (6 619) | (6 741) |
| External gain / loss on shares within the Tax exemption method | - | 2 824 |
| Dividend within the Tax exemption method | 16 886 | 5 172 |
| Debt conversion ¹⁾ | 11 775 | - |
| Tax effect merger ²⁾ | 8 729 | - |
| Impairment of shares / reversal of impairment | (981) | (269) |
| Tax effects other permanent differences | (1 390) | 619 |
| Other effects | | |
| Previous year tax adjustment | (2 453) | (1 229) |
| Tax effect change in corporate tax rate 3) | 5 759 | (551) |
| Other current tax paid | 4 338 | (1 305) |
| Income tax for the year | (146 920) | (79 471) |
| Effective tax rate | 20% | 28% |

¹⁾ Elkem AS has four debt forgiveness agreements with Bluestar Silicones France SAS that Elkem AS received in connection with the merger with Bluestar Silicones International Co. Ltd. S.a.r.l. Nominal value of the agreements as of 31 December are NOK 1,299 million (EUR 143 million), book value NOK 0. Bluestar Silicones France SAS has repaid NOK 47 million under this agreement in 2016, the gain is classified as income from subsidiaries. Effect of repayment is tax exempted.

³⁾ The effect relates mainly to changes in tax rate from 25% to 24% in Norway from 2017 and in 2015 changes in tax rate from 27% to 25% from 2016. The changes in tax rates were approved by the governments before year end the respective years.

| Deferred tax assets and deferred tax liabilities | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Cash flow hedges recognised in other comprehensive income | (21 431) | 23 879 |
| Property, plant, equipment and intangible asset | (133 197) | (112 214) |
| Pension fund | 15 492 | 15 197 |
| Other differences | 57 128 | 164 931 |
| Accounts receivable | 258 | 7 |
| Inventory | (42 417) | (53 025) |
| Provisions | (3 800) | (5 323) |
| Deferred tax assets (liabilities) | (127 967) | 33 452 |
| | | |
| Deferred tax | 31.12.2016 | 31.12.2015 |
| Opening balance - net deferred tax assets (liabilities) | 33 452 | 96 354 |
| Charged to Profit and Loss | (114 786) | (61 749) |
| Changes in deffered tax hedges charge to equity | (45 310) | (1648) |
| Changes in actuary gains/losses charged to equity | 309 | 475 |
| Other items charged to equity | (1 615) | - |
| Foreign currency exchange differences | (17) | 20 |
| Net deferred tax assets (liabilities) | (127 967) | 33 452 |

²⁾ Elkem AS merged with Bluestar Silicones International Co. Ltd. S.a.r.l. with tax effect as at 31 August 2016. The gain in the period 1 January to 31 August, NOK 35 million mainly currency effects, is tax exempted.

12 Property, plant and equipment and intangible assets

Property, plant and equipment

| 2016 | Land and other property | Buildings | Machinery and plants | Equipment, furniture and transport- vehicles | Construction in progress | Total |
|---|-------------------------------|------------|-------------------------|---|--------------------------|-------------|
| Opening balance Net booked value 2016 | 23 120 | 444 587 | 1 079 677 | 43 344 | 277 056 | 1867 784 |
| Additions | - | - | 45 | 8 | 264 530 | 264 583 |
| Disposals | - | (50) | - | (11) | - | (61) |
| Transferred from CiP | 3 390 | 65 263 | 284 452 | 6 949 | (360 054) | - |
| Impairment losses | - | (6 897) | (1 118) | (37) | - | (8 052) |
| Depreciation expenses | (2 374) | (44 111) | (164 759) | (10 064) | - | (221 307) |
| Foreign currency exchange differences | - | - | (10) | (1) | - | (11) |
| Closing balance Net booked value 2016 | 24 136 | 458 792 | 1 198 287 | 40 188 | 181 532 | 1 902 936 |
| Fixed assets under financial leasing included in Net booked value | 21 193 | - | - | 1 378 | - | 22 571 |
| Historical cost | 61 350 | 1 201 761 | 3 513 783 | 117 499 | 181 532 | 5 075 926 |
| Accumulated depreciation | (36 071) | (732 474) | (2 255 437) | (77 177) | - | (3 101 159) |
| Accumulated impairment losses | (1144) | (10 494) | (60 059) | (134) | - | (71 831) |
| Closing balance Net booked value 2016 | 114 078 | 1 431 076 | 1 198 287 | 40 188 | 181 532 | 5 909 087 |
| Estimated useful life | 0-50 years | 5-40 years | 3-30 years | 3-20 years | | |

Depreciations start when the asset is ready for use. Land is not depreciated.

| | | | | Equipment, | | |
|---------------------------------------|---------------|---------------|---------------|---------------|--------------|-------------|
| | Land | | | furniture and | | |
| | and other | | Machinery | transport- | Construction | |
| 2015 | property | Buildings | and plants | vehicles | in progress | Tota |
| Opening balance Net booked value 2015 | 22 166 | 454 639 | 1 021 761 | 45 491 | 139 699 | 1 683 756 |
| Additions | 259 | - | 1 793 | 1 258 | 396 217 | 399 527 |
| Disposals | - | (411) | (34) | (122) | - | (567) |
| Transferred from CiP | 3 494 | 33 959 | 214 763 | 6 644 | (258 860) | - |
| Impairment losses | - | (122) | (1 593) | (99) | - | (1814) |
| Depreciation expenses | (2 799) | (43 478) | (157 033) | (9 824) | - | (213 134) |
| Foreign currency exchange differences | - | - | 20 | (4) | - | 16 |
| Closing balance Net booked value 2015 | 23 120 | 444 587 | 1 079 677 | 43 344 | 277 056 | 1867 784 |
| | | | | | | |
| Fixed assets under financial leasing | | | | | | |
| included in Net booked value | 24 313 | - | - | - | - | 24 313 |
| Historical cost | 63 388 | 1 143 137 | 3 286 202 | 116 733 | 277 056 | 4 886 516 |
| Accumulated depreciation | (39 124) | (694 055) | (2 142 868) | (73 263) | - | (2 949 310) |
| Accumulated impairment losses | (1144) | (4 494) | (63 658) | (126) | - | (69 422) |
| Closing balance Net booked value 2015 | 23 120 | 444 587 | 1 079 677 | 43 344 | 277 056 | 1867 784 |
| Estimated useful life | 0-50 years | 5-40 years | 3-30 years | 3-20 years | | |
| Depreciation plan | Straight-line | Straight-line | Straight-line | Straight-line | | |

Intangible assets

| | Other | IT systems | Intangible | Total |
|---|---------------|---------------|--------------|------------|
| | intangible | and | assets under | intangible |
| 2016 | assets | programmes | construction | assets |
| Opening balance Net booked value 2016 | 402 224 | 110 650 | 10 824 | 523 698 |
| Additions | - | 1 3 3 8 | 2 486 | 3 824 |
| Reclassification / Transferred from CiP | - | 2 637 | (2 637) | - |
| Reversal of impairment losses | = | - | - | - |
| Amortisation | (80 447) | (16 682) | - | (97 128) |
| Closing balance Net booked value 2016 | 321 778 | 97 943 | 10 673 | 430 394 |
| Historical cost | 805 339 | 210 162 | 10 673 | 1 026 174 |
| Accumulated amortisation | (483 561) | (112 219) | - | (595 780) |
| Closing balance Net booked value 2016 | 321 778 | 97 943 | 10 673 | 430 394 |
| Estimated useful life | 3-10 years | 3-10 years | | |
| Amortisation plan | Straight-line | Straight-line | | |

The book value of the power contract against Statkraft as of 31 December 2016 is NOK 320 million and the notional amount is NOK 1,810 million.

| 2015 | Other intangible assets | IT systems and programmes | Intangible assets under construction | Total intangible assets |
|---|-------------------------------|---------------------------------|--|-------------------------------|
| Opening Balance Net Booked Value 2014 | 482 386 | 117 698 | 9 123 | 609 207 |
| Additions | 279 | 8 089 | 2 454 | 10 822 |
| Reclassification / Transferred from CiP | - | 753 | (753) | - |
| Reversal of impairment losses | - | - | - | - |
| Amortisation | (80 441) | (15 890) | - | (96 331) |
| Closing balance Net booked value 2015 | 402 224 | 110 650 | 10 824 | 523 698 |
| Historical cost | 805 340 | 207 169 | 10 824 | 1023 333 |
| Accumulated amortisation | (403 116) | (96 519) | - | (499 635) |
| Closing balance Net booked value 2015 | 402 224 | 110 650 | 10 824 | 523 698 |
| Estimated useful life | 3-10 years | 3-10 years | | |
| Amortisation plan | Straight-line | Straight-line | | |

The book value of the power contract against Statkraft as of 31 December 2015 is NOK 400 million and the notional amount is NOK 2,238 million.

13 Investments in subsidiaries

Investment in subsidiaries of Elkem AS as of 31 December 2016:

| | | Owner | | | Book |
|---|-----------------------|--------------------------|-----------------|--------------------|-------------------|
| Owned by Elkem AS | Country | share Vote rights (%) | Equity 31.12.16 | Profit 31.12.16 | value 31.12.16 |
| - | | | | | |
| Elkem Carbon AS | Norway | 100% | 677 822 | 167 703 | 112 915 |
| Elkem Chartering Holding AS | Norway | 80% | 2 027 | 15 240 | 747 |
| Elkem Distribution Center B.V. | Netherland | 100% | 18 052 | 870 | 186 |
| Elkem Foundry (China) Ltd. Co ³⁾ | China | 100% | 38 768 | (544) | 39 067 |
| Elkem Foundry Invest AS | Norway | 100% | 76 542 | (9 595) | 74 163 |
| Elkem GmbH | Germany | 100% | 13 019 | 1833 | 1309 |
| Elkem Iberia SLU | Spain | 100% | 5 188 | 1 717 | 476 |
| Elkem Iceland Ltd. | Iceland | 100% | 1550 540 | (63 441) | 783 790 |
| Elkem International AS | Norway | 100% | 70 402 | 16 600 | 5 427 |
| Elkem International Trade (Shanghai) Co. Ltd. 1) | China | 11% | 139 313 | 8 775 | 558 |
| Elkem Japan K.K | Japan | 100% | 81 272 | 6 556 | 15 |
| Elkem Ltd. | England | 100% | 3 612 | (727) | 18 983 |
| Elkem Materials Processing (Tianjin) Co.,Ltd. | China | 100% | 2 764 | 319 | 793 |
| Elkem Materials Processing Services BV | Netherland | 100% | 5 224 | 358 | 962 |
| Elkem Metal Canada Inc | Canada | 100% | 833 433 | 102 936 | 5 870 |
| Elkem Milling Services GmbH | Germany | 100% | 23 579 | 4 966 | 12 486 |
| Elkem Nordic A.S. | Denmark | 100% | 5 615 | 658 | 5 139 |
| Elkem Oilfield Chemicals FZCO | Dubai | 51% | 72 817 | 51 514 | 12 546 |
| Elkem Rana AS ²⁾ | Norway | 100% | 300 457 | 4 461 | 355 094 |
| Elkem S.a.r.l. | France | 100% | 12 538 | 240 | - |
| Elkem S.r.l. | Italy | 100% | 23 213 | 3 719 | 6 397 |
| Elkem Singapore Materials Pte. Ltd. | Singapore | 100% | 28 953 | 6 405 | 46 |
| Elkem South Asia Private Limited | India | 100% | 119 456 | 7 437 | 33 563 |
| NEH LLC | USA | 100% | 306 278 | 7 204 | 97 506 |
| Nor-Kvarts AS ⁴⁾ | Norway | 100% | 37 963 | 445 | 59 810 |
| Elkem Madencilik Metalurji Sanayi Ve Ticaret Ltd. STI ¹⁾ | Turkey | 1% | 5 224 | 358 | 77 |
| Bluestar Silicones France SAS 5) | France | 100% | 2 089 936 | 93 500 | 2 147 832 |
| Bluestar Silicones Services S.à.r.l ⁵⁾ | France | 100% | (19 646) | 9 010 | - |
| Bluestar Siliconas España S.A.U ⁵⁾ | Spain | 100% | 120 111 | 1 535 | 125 444 |
| Bluestar Siliconi Italia S.r.I ⁵⁾ | Italy | 100% | 31 936 | 9 705 | 23 998 |
| Bluestar Silicones Germany GmbH ⁵⁾ | Germany | 100% | 135 169 | 13 044 | 129 657 |
| Bluestar Silicones (UK) Ltd. 5) | United Kingdom | 100% | 54 367 | 5 939 | 60 227 |
| Bluestar Silicones USA Corp. 5) | USA | 100% | 253 590 | (523) | 260 294 |
| Bluestar Silicones Canada Corp. 5) | Canada | 100% | 11 081 | 5 175 | 5 824 |
| Bluestar Silicones Brasil Ltda 5) | Brasil | 100% | 19 750 | 21 057 | 23 009 |
| Bluestar Silicones Finland OY 5) | Finland | 100% | 9 518 | (80) | 10 201 |
| Bluestar Silicones Scandinavia AS 5) | Norway | 100% | 17 619 | 2 090 | 15 188 |
| Bluestar Silicones Poland p. z o.o 5) | Poland | 100% | 5 653 | 2 315 | 3 712 |
| Bluestar Silicones Czech Republic s.r.o ⁵⁾ | Czech Republic | 100% | 4 563 | 2 504 | 2 226 |
| Bluestar Silicones Shanghaï Co. Limited 5) | China | 100% | 107 205 | 9 220 | 107 382 |
| Bluestar Silicones Hong Kong Trading Co. Limited 5) | | | | | |
| blacstal silicolles florig Rong flading co. Elithica | Hong Kong | 100% | 104 417 | 4 769 | 101 968 |

¹⁾ Elkem AS and subsidiary owns 100% of Elkem Madencilik Metalurji Sanayi Ve Ticaret Ltd. and Elkem International Trade (Shanghai) Co. Ltd.

²⁾ Elkem AS acquired 100% of the shares 1 December 2016. Elkem Rana is a producer of standard and speciality ferrosilicon and microsilica.

³⁾ The company was establised during 2016.

 $^{^{4)}}$ The remaining 33.3% of the shares was purchased in December 2016 changing the ownership from 66.67% in 2015 to 100% at de end of 2016.

⁵⁾ On 1 January 2016 Bluestar Silicones International S.à.r.I merged with Elkem AS making all the subsidiaries of Bluestar Silicones International subsdiaries of Elkem AS.

| Total income | 115 893 | 137 315 |
|---------------------------------------|---------|---------|
| Group contribution received | - | 100 000 |
| Income on disposal ¹⁾ | 1 250 | 17 557 |
| Dividend from subsidiaries | 114 643 | 19 758 |
| Income on investments in subsidiaries | 2016 | 2015 |

¹⁾ In January 2015 Hoffsveien 65 B AS was liquidated. The liquidation resulted in a gain of NOK 8,989 thousand. In August Finanz AG was liquidated and resulted in a gain of NOK 8,568 thousand. In January 2016 Dehong Ltd. was liquidated resulting in a gain of NOK 1,250 thousand.

| Net gain/loss from investments in subsidiaries | 113 036 | 137 315 |
|--|---------|---------|
| Total Write-down | (2 637) | |
| Total write-down | (2 857) | |
| Write-down subsidiaries | (2 857) | - |
| Write-down / reversal of write-down on investments in subsidiaries | 2016 | 2015 |

14 Investments in joint ventures

| | Company address | Country | Owner share Voting rights 2016 | Owner share Voting rights 2015 | Accounting method |
|---|--------------------|---------|--------------------------------------|--------------------------------------|-------------------|
| Elkania DA | Hauge i Dalane | Norway | 50% | 50% | Proportionate |
| Dehong Elkem Materials Co. Ltd. ¹⁾ | Wanding, Dehong | China | - | 50% | Proportionate |

¹⁾ The company was liquidated in 2016.

Main figures for the investments accounted for by equity method. The figures are Elkem AS portion

| | 2016 | 20151) |
|---|------|-----------|
| Total interest in joint ventures 1 January | - | 886 737 |
| Acquired shares in Joint ventures/change of ownership | - | - |
| Sale of shares in joint ventures | - | (883 062) |
| Share of profit | - | (111 935) |
| Share of other comprehensive income | - | (2 536) |
| Transferred from equity | - | 5 958 |
| Gain on sale of shares in joint ventures | - | 104 838 |
| Total interest in joint ventures 31 December | - | - |

¹⁾ Elkem Solar Holding S.a.r.I went from 100% owned on 7 March 2014 to 50% owned. Share of profit in 2014 is for the period 1 March to 31 December 2014. In 2015 the last 50% share was sold on 19 June 2015 to Bluestar Elkem Investment Co. Ltd. Elkem AS share of the loss (NOK 111,935 thousand) in Elkem Solar S.à.r.I is for the period from 1 January to 18 June 2015. The sales resulted in a gain for Elkem Group of NOK 104,838 thousand. The net profit of NOK 7,097 thousand is presented as Income from joint ventures.

Note 14 continues >

Main figures for the investments accounted for by proportionate consolidation. The figures are the Elkem AS portion.

| | Dehong Elkem Materials Co. Ltd. | Elkania DA | Total 2016 |
|---------------------------|---------------------------------|------------|------------|
| Current assets | - | 14 199 | 14 199 |
| Non-current assets | <u>-</u> | 5 028 | 5 028 |
| Current liabilities | <u>-</u> | 15 412 | 15 412 |
| Non-current liabilities | <u>-</u> | 7 566 | 7 566 |
| Net assets | - | (3 751) | (3 751) |
| Total revenue | - | 5 390 | 5 390 |
| Total expenses | (598) | (5 172) | (5 770) |
| Financial items | - | (155) | (155) |
| Tax | (142) | (98) | (240) |
| Total profit for the year | (739) | (35) | (774) |
| | Dehong Elkem Materials Co. Ltd. | Elkania DA | Total 2015 |
| Current assets | 1948 | 11 352 | 13 300 |
| Non-current assets | 161 | 5 628 | 5 789 |
| Current liabilities | (793) | 13 383 | 12 590 |
| Non-current liabilities | (178) | 7 313 | 7 135 |
| Net assets | 3 081 | (3 716) | (635) |
| Total revenue | 1 426 | 3 348 | 4 774 |
| Total expenses | (1 287) | (5 893) | (7 180) |
| Financial items | - | (189) | (189) |
| Tax | (30) | (90) | (120) |
| | | | |

15 Investments in associates and other companies

Total profit for the year

| | Owner share (%) | Book value 31.12.2016 | Book value 31.12.2015 |
|---|-----------------|--------------------------|--------------------------|
| Elkem Chartering AS | 25.0% | 8 529 | 8 529 |
| Alcoa | 0.4% | 2 715 | 2 900 |
| Teknova AS | 5.9% | 333 | 1583 |
| LEAN Senteret Helgeland AS | 18.5% | 200 | 200 |
| Other companies | - | 892 | 1042 |
| Total investments in associates and other companies | | 12 669 | 14 254 |

109

(2824)

(2 715)

16 Other non-current assets

| Total other non-current assets | 760 233 | 3 280 308 |
|--|------------|------------|
| Other non-current assets | 14 548 | 1 218 |
| Non-current interest-bearing receivable - group 1) | 717 922 | 3 249 207 |
| Loans to joint arrangements | 7 098 | 6 943 |
| Pension contribution fund, long-term | 2 760 | 6 160 |
| Long-term deposit pension guarantee | 17 905 | 16 780 |
| | 31.12.2016 | 31.12.2015 |

¹⁾ See note 28 Related party transactions.

17 Inventories

| Total inventories | 1 182 337 | 1 252 663 |
|-------------------------------------|------------|------------|
| Operating materials and spare parts | 151 018 | 139 409 |
| Raw materials | 171 828 | 210 013 |
| Work in progress | 197 566 | 226 015 |
| Finished goods | 661 925 | 677 226 |
| | 31.12.2016 | 31.12.2015 |

As of 31 December 2016 inventories were written down by NOK 14,356 thousand As of 31 December 2015 inventories were written down by NOK 2,069 thousand.

18 Accounts receivable

| | 31.12.2016 | 31.12.2015 |
|---------------------------------|------------|------------|
| Accounts receivable | 551 309 | 621 728 |
| Short-term receivables - group | 244 800 | 179 920 |
| Provision for doubtful accounts | (6 367) | (700) |
| Total accounts receivable | 789 742 | 800 948 |

The following is an analysis of gross accounts receivable by age, presented based on the due date

| Total accounts receivable | 796 109 | 801 648 |
|---------------------------|------------|------------|
| More than 90 days | 16 151 | 7 345 |
| 61 - 90 days | 7 308 | 2 549 |
| 31 - 60 days | 3 524 | 11 983 |
| 1 - 30 days | 60 573 | 69 438 |
| Not due | 708 552 | 710 333 |
| | 31.12.2016 | 31.12.2015 |

Elkem applies for credit insurance for all customers when this can be obtained. In cases where credit insurance coverage is refused, other methods of securing the sales income are used. Other methods used for securing the sales are, among others, prepayment, letter of credit, documentary credit, guarantee etc.

Note 18 continues >

| Movement in allowance for doubtful debts | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Opening balance | (700) | (209) |
| Impairment losses recognised on receivables | (5 680) | (700) |
| Reversed impairment losses | 13 | 209 |
| Balance as of 31 December | (6 367) | (700) |

The following is an analysis of current receivables that are past due date and written-down, by age:

| Total receivables written-down | (6 367) | (700) |
|--------------------------------|------------|------------|
| more than 90 days | (872) | (687) |
| 61 - 90 days | (2 203) | - |
| less than 90 days | (3 292) | (13) |
| Overdue by | 31.12.2016 | 31.12.2015 |

19 Other current assets

| | 31.12.2016 | 31.12.2015 |
|--|------------|------------|
| Pension contribution fund, short term part ¹⁾ | 5 214 | 10 120 |
| CO ₂ Compensation from Norwegian Environment Agency ²⁾ | 66 581 | 65 004 |
| Grants ²⁾ | 47 096 | 68 912 |
| VAT receivables | 79 543 | 71 015 |
| Prepayments | 14 875 | 30 206 |
| Receivable group entities related to Group bank accounts | 68 744 | 102 379 |
| Receivable group contribution | - | 100 000 |
| Other current assets | 8 100 | 8 741 |
| Total other current assets | 290 154 | 456 377 |

¹⁾ See note 6 Retirement benefits.

20 Cash and cash equivalents

| Cash and cash equivalents | 292 468 | 723 569 |
|---------------------------|------------|------------|
| Cash and bank balances | 292 468 | 723 569 |
| | 31.12.2016 | 31.12.2015 |

²⁾ See note 29 Grants.

21 Equity

Changes in equity

| Equity 31.12.16 | 2 010 000 | 1 078 203 | 3 088 203 | - | 1 284 671 | 1 284 671 | 4 372 874 |
|-------------------------------------|------------------|-----------------------------|--------------------------|---------|--------------|-------------------------------|--------------|
| Profit for the year | - | - | - | - | 584 935 | 584 935 | 584 935 |
| Merger ¹⁾ | - | - | - | - | 3 596 | 3 596 | 3 596 |
| Currency translation Joint ventures | - | - | - | (2 311) | 927 | (1 384) | (1 384) |
| Actuarial gain / loss | - | - | - | - | (1 458) | (1 458) | (1 458) |
| Hedging | - | - | - | - | 144 347 | 144 347 | 144 347 |
| Equity 31.12.15 | 2 010 000 | 1 078 203 | 3 088 203 | 2 311 | 552 324 | 554 635 | 3 642 838 |
| 2016 | Share capital | Other paid in capital | Total paid in capital | Fund | Other equity | Total retained earnings | Total equity |

 $^{^{1)}\,\}mathrm{See}$ note 30 Merger Elkem AS and subsidiaries.

Fund

Fund is valuation variances in conjunction with Dehong who is consolidated by proportionate consolidation. The company was liquidated in 2016.

Shareholders

Elkem AS is the parent company of Elkem AS group. As of 31 December 2016 Elkem AS was 100% owned by Bluestar Elkem International Co. Ltd. S.A. Elkem AS has its registered company address at Drammensveien 169, 0277 Oslo, Norway.

Share capital

Share capital as of 31 December 2016 in Elkem AS is NOK 2,010,000 thousand, divided in 1 share.

Changes in equity

| Equity 31.12.15 | 2 010 000 | 1 078 203 | 3 088 203 | 2 311 | 552 324 | 554 635 | 3 642 838 |
|--|-----------|-------------|-------------|-------|----------|----------|--------------|
| Profit for the year | - | - | - | - | 209 384 | 209 384 | 209 384 |
| Dividend | - | (2 217 000) | (2 217 000) | - | - | - | (2 217 000) |
| Other equity transactions Joint venture | - 1) | - | - | - | 3 422 | 3 422 | 3 422 |
| Currency translation Joint ventures | - | - | - | 408 | - | 408 | 408 |
| Actuarial gain / loss | - | - | - | - | (2 127) | (2 127) | (2 127) |
| Hedging | - | - | - | - | (2 619) | (2 619) | (2 619) |
| Balance 1.1.2015 | 2 010 000 | 3 295 203 | 5 305 203 | 1903 | 344 265 | 346 168 | 5 651 371 |
| Effect of changes in accounting policy ²⁾ | - | - | - | - | (34 350) | (34 350) | (34 350) |
| Equity 31.12.14 | 2 010 000 | 3 295 203 | 5 305 203 | 1903 | 378 615 | 380 518 | 5 685 721 |
| 2015 | capital | capital | in capital | Fund | equity | earnings | Total equity |
| | Share | paid in | Total paid | | Other | retained | |
| | | Other | | | | Total | |

¹⁾ See note 14 Joint ventures.

 $^{^{\}rm 2)}$ See note 31 Changes in accounting policies.

22 Finance lease liabilities

Elkem AS leases some of its manufacturing equipment under a finance lease. Interest rates range from 3.50% to 6.99%. Elkem AS' obligations under a finance lease are secured by the lessor's title to the leased assets. Elkem AS has the right to prolong some leasing agreements, and the right to keep the leased equipment after the closed leasing period for some leasing agreements.

| Overview of finance lease | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Within one year | 2 582 | 4 453 |
| Between 1 and 5 years | 258 | 2 682 |
| Over 5 years | - | - |
| Total lease payments | 2 840 | 7 135 |
| Less future finance charges | (32) | (246) |
| Present value of lease obligations | 2 808 | 6 889 |
| Less amount due for settlement within 12 months | 2 560 | 4 299 |
| Total non-current finance lease obligations | 248 | 2 590 |
| Leasing cost current year | 2 565 | 4 333 |
| | | |

23 Interest-bearing assets / liabilities

| | 31.12.2016 | 31.12.2015 |
|--|-------------|------------|
| Non-current interest-bearing liabilities | | |
| Financing from subsidiaries | 118 243 | 102 327 |
| Financial leases ¹⁾ | 248 | 2 590 |
| Loans from external part, other than bank | - | 6 459 |
| Bank financing and other liabilities | 2 776 541 | 2 979 074 |
| Total non-current interest-bearing liabilities | 2 895 032 | 3 090 450 |
| Current interest-bearing liabilities | | |
| Financing from subsidiaries | 1 616 239 | 1 475 398 |
| Financial leases ¹⁾ | 2 560 | 4 299 |
| Bank financing | 106 965 | 95 219 |
| Accrued interest | 3 035 | 3 466 |
| Total current interest-bearing liabilities | 1 728 799 | 1 578 381 |
| Total interest-bearing liabilities | 4 623 831 | 4 668 831 |
| Interest-bearing assets | | |
| Cash and bank balances | 292 468 | 723 569 |
| Restricted deposits | 17 905 | 16 780 |
| Non-current loans to subsidiaries 2) | 717 922 | 3 249 206 |
| Non-current loans to joint arrangements | 7 098 | 6 943 |
| Current loans to subsidiaries | 40 258 | 61 971 |
| Financial assets | - | 295 |
| Total interest-bearing assets | 1 075 651 | 4 058 763 |
| Net interest-bearing assets / (liabilities) | (3 548 180) | (610 068) |

 $^{^{\}scriptscriptstyle 1)}$ See note 22 Finance lease liabilities.

²⁾ The decrease in non-current loans to subsidiaries from 2015 to 2016 is manly related to debt conversion of the loans to Bluestar Silicones France SAS and the merger between Elkem AS and Bluestar Silicones International S.à.r.l.

| Total interest-bearing liabilities | | 4 623 831 | | 4 668 831 |
|--|-----------------|-------------------|--------------------|-------------------|
| Other currencies | - | 673 160 | - | 596 330 |
| NOK | 755 392 | 755 392 | 604 513 | 604 513 |
| USD | 24 742 | 213 243 | 30 522 | 268 971 |
| EUR | 328 227 | 2 982 036 | 333 464 | 3 199 017 |
| Interest-bearing liabilities by currency | Currency amount | NOK 31.12.2016 | Currency amount | NOK 31.12.2015 |

| Total interest bearing liabilities | 1 734 482 | 2 808 | - | 2 883 506 | 3 035 | 4 623 831 |
|--|--------------------|---------------------|---|-------------------|------------------|-----------|
| Prepaid loan fees | - | - | - | (13 113) | - | (13 113) |
| Total | 1 734 482 | 2 808 | - | 2 896 619 | 3 035 | 4 636 944 |
| 2022 and later | 118 243 | - | - | 97 065 | - | 215 308 |
| 2021 | - | - | - | 48 533 | - | 48 533 |
| 2020 | - | - | - | 1638 460 | - | 1638 460 |
| 2019 | - | - | - | 502 798 | - | 502 798 |
| 2018 | - | 248 | - | 502 798 | - | 503 046 |
| 2017 | 1 616 239 | 2 560 | - | 106 965 | 3 035 | 1728 799 |
| Maturity of interest-bearing liabilities at 31.12.2016 | Group financing | Financial leases | Loans from external part other than bank | Bank financing | Accrued interest | Total |

| Total interest bearing liabilities | 1 577 725 | 6 889 | 6 459 | 3 074 293 | 3 466 | 4 668 831 |
|--|--------------------|---------------------|---|-------------------|------------------|-----------|
| Prepaid loan fees | - | - | - | (17 805) | - | (17 805) |
| Total | 1 577 725 | 6 889 | 6 459 | 3 092 098 | 3 466 | 4 686 636 |
| 2021 and later | 102 327 | - | 6 459 | 153 739 | - | 262 525 |
| 2020 | - | - | - | 1 730 072 | - | 1730 072 |
| 2019 | - | - | - | 530 911 | - | 530 911 |
| 2018 | - | 130 | - | 530 911 | - | 531 041 |
| 2017 | - | 2 460 | - | 51 246 | - | 53 706 |
| 2016 | 1 475 398 | 4 299 | - | 95 219 | 3 466 | 1 578 381 |
| Maturity of interest-bearing liabilities at 31.12.2015 | Group financing | Financial leases | Loans from external part other than bank | Bank financing | Accrued interest | Total |

Elkem AS is granted credit facilities of EUR 200,000 thousand (NOK 1,817,059 thousand) and NOK 250,000 thousand, a total of NOK 2,067,059 thousand in granted credit facilities. Both facilities remained undrawn at 31 December 2016 and 31 December 2015.

The credit facilities and the term loans in Elkem AS contain financial covenants. The financial covenants and the calculations for the drawn loan of NOK 2,838,187 thousand (NOK 3,022,503 thousand) is described below

| Interest cover ratio | | 26,25 | 21,23 | > 4.00 |
|-------------------------|-----|------------|------------|------------------|
| Net finance charges | NOK | 61 639 | 103 979 | |
| EBITDA | NOK | 1 617 790 | 2 206 988 | |
| Equity ratio | | 50 % | 43 % | > 30% |
| Total Assets | NOK | 14 813 342 | 14 476 852 | |
| Total Equity | NOK | 7 459 042 | 6 167 047 | |
| Covenant Elkem AS group | | 31.12.2016 | 31.12.2015 | Loar covenant |

24 Guarantees

| Guarantee commitments | 31.12.2016 | 31.12.2015 |
|--|------------|------------|
| Guarantees given on behalf of subsidiaries regarding environmental obligations | 4 618 | 4 618 |
| Guarantees given on behalf of subsidiaries regarding financing | 70 359 | 66 308 |

25 Provisions and other non-current liabilities

| | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Currency effects bond loan | - | 2 694 |
| Other non-current liabilities group companies | 273 | 270 |
| Site restoration | 23 638 | 22 136 |
| Obligation to finance subsidiary | 27 023 | - |
| Provisions | 50 934 | 25 099 |

Currency effects bond loan

Elkem participated in the Central Bank of Iceland's Investment Programme and purchased a bond loan in ISK, with payment in EUR. The gain from the purchase in EUR is dependent on retaining the ownership of the securities in 5 years. The currency gain is recognised as deferred income and is amortised over the required ownership period, ending in 2017.

Site restoration

Elkem AS has provisions for future remediation work related to the necessary site remediation work that it will have to undertake in respect of its quartz mines.

Obliagtion to finance

The subsidiary Bluestar Silicones Services S.à.r.I has a negative equity and Elkem AS therefor has an obliagtion to fund the company's continued operations. At the time of the merger the obligation was NOK 27,023 thousand.

26 Other current liabilities

| Total other current liabilities | 331 554 | 337 529 |
|---|------------|------------|
| Other short-term liabilities | 89 068 | 88 920 |
| Group contribution | 12 392 | - |
| Payables to subsidiaries | 19 711 | 22 152 |
| Current payroll payable and vacation pay | 135 911 | 142 643 |
| Value added tax | 18 738 | 24 821 |
| Social securities tax and withholding tax employees | 55 734 | 58 993 |
| | 31.12.2016 | 31.12.2015 |

27 Financial instruments

Derivatives are initially recognised at fair value at the date on which a derivative contract is entered, and are subsequently remeasured at their fair value. The method of recognising the resulting gain or loss depends on whether the derivative is designated as a hedging instrument, and if so, the nature of the hedging.

Foreign exchange forward contracts

Elkem AS' Treasury department enters into to foreign forward contracts to meet Elkem Groups foreign currency exposure. Hedge accounting is not applied for these contracts, they are classified as held for trading and booked at fair value through profit and loss.

Elkem AS' Treasury department also offers internal currency hedging for major purchase / sale-contracts entered into by the subsidiaries. Such contracts can not be designated in a hedging relationship, changes in fair value are recognised through profit and loss.

See note 9 Other gains / losses related to operating activities for information of unrealised and realised effects booked through Other gains/losses related to operating activities.

Details of foreign exchange contracts as of 31 December 2016

| Purchase | Purchase | Sale | Sale | Type of | Currency | | Fair value in | Notional value |
|-------------------------|------------------|-------------|----------|------------|----------|------|------------------------|---------------------------|
| Currency | ccy 1000 | Currency | ccy 1000 | instrument | rate | Due | NOK 1000 ¹⁾ | in NOK 1000 ²⁾ |
| CAD | 7 517 | EUR | 5 200 | Fwd | 1.4455 | 2017 | 449 | 47 244 |
| NOK | 1 227 584 | EUR | 132 050 | Fwd | 9.2964 | 2017 | 17 788 | 1 199 713 |
| CAD | 1 499 | GBP | 800 | Fwd | 1.8743 | 2017 | 1092 | 8 499 |
| NOK | 46 356 | GBP | 4 200 | Fwd | 11.0372 | 2017 | 1592 | 44 618 |
| NOK | 146 124 | JPY | 1980 000 | Fwd | 0.0738 | 2017 | (740) | 145 810 |
| NOK | 536 836 | USD | 65 800 | Fwd | 8.1586 | 2017 | (29 286) | 567 104 |
| CAD | 3 951 | USD | 3 000 | Fwd | 1.3171 | 2017 | (463) | 25 856 |
| NOK | 524 796 | EUR | 58 000 | Fwd | 9.0482 | 2018 | (12 850) | 526 947 |
| NOK | 88 663 | JPY | 1036000 | Fwd | 0.0856 | 2018 | 10 352 | 76 292 |
| NOK | 101 569 | USD | 13 000 | Fwd | 7.8130 | 2018 | (9 884) | 112 042 |
| NOK | 89 917 | JPY | 1036 000 | Fwd | 0.0868 | 2019 | 10 128 | 76 292 |
| NOK | 87 003 | JPY | 988 000 | Fwd | 0.0881 | 2020 | 9 351 | 72 758 |
| USD | 20 000 | CAD | 26 680 | Fxt | 0.7496 | 2017 | 611 | 171 722 |
| Total fair value | currency forward | d contracts | | | | | (1859) | |

¹⁾ The forward currency contracts are measured at fair value based on the observed forward exchange rate for contracts with a corrensponding maturity term, on the balance sheet date.

Details of foreign exchange contracts as of 31 December 2015

| Purchase | Purchase | Sale | Sale | Type of | Currency | | Fair value in | Notional value |
|------------------|------------------|-----------|-----------|------------|----------|------|------------------------|---------------------------|
| Currency | ccy 1000 | Currency | ccy 1000 | instrument | rate | Due | NOK 1000 ¹⁾ | in NOK 1000 ²⁾ |
| NOK | 1209 | AUD | 200 | Fwd | 6.0465 | 2016 | (78) | 1 289 |
| CAD | 6 688 | EUR | 4 800 | Fwd | 1.3932 | 2016 | (3 712) | 46 048 |
| NOK | 2 710 039 | EUR | 300 300 | Fwd | 9.0244 | 2016 | (187 922) | 2 880 864 |
| CAD | 4 392 | GBP | 2 160 | Fwd | 2.0333 | 2016 | (345) | 28 221 |
| NOK | 46 114 | GBP | 3 780 | Fwd | 12.1995 | 2016 | (3 313) | 49 387 |
| NOK | 73 236 | JPY | 1 118 000 | Fwd | 0.0655 | 2016 | (9 244) | 81 861 |
| NOK | 510 653 | USD | 65 950 | Fwd | 7.7430 | 2016 | (70 544) | 581 184 |
| NOK | 929 152 | EUR | 100 400 | Fwd | 9.2545 | 2017 | (51 528) | 963 166 |
| NOK | 54 332 | JPY | 848 000 | Fwd | 0,.0641 | 2017 | (9 101) | 62 091 |
| NOK | 167 423 | USD | 22 050 | Fwd | 7.5929 | 2017 | (25 849) | 194 316 |
| NOK | 524 796 | EUR | 58 000 | Fwd | 9.0482 | 2018 | (46 910) | 556 411 |
| NOK | 101 569 | USD | 13 000 | Fwd | 7.8130 | 2018 | (11 809) | 114 563 |
| USD | 20 000 | CAD | 26 693 | Fxt | 0.7493 | 2016 | 6 398 | 175 988 |
| Total fair value | currency forward | contracts | | | | | (413 957) | |

¹⁾ The forward currency contracts are measured at fair value based on the observed forward exchange rate for contracts with a corrensponding maturity term, on the balance sheet date.

²⁾ Notional value of underlying asset, based on forward currency rates at 31.12.

²⁾ Notional value of underlying asset, based on forward currency rates at 31.12.

Energy contracts booked at fair value

Elkem AS enters into forward power contracts to meet its need for power at the plants. Certain contracts are designated as hedging instruments, in addition Elkem AS holds energy contracts booked at the lower of cost and fair value.

Fair value of the power contracts are based on observable nominal values for similar contracts, adjusted for interest effects.

The effective part of change in fair value of the contracts designated in hedging relationships is booked temporarily in equity. Realised effects are booked as a part of the energy cost under cost of raw materials and other input factors. The ineffective part is booked as a part of other gains / losses related to operating activities.

See note 9 Other gains / losses related to operating activities for information of unrealised and realised effects booked through Other gains / losses related to operating activities.

In addition, realised effects from hedging of power in 2016 is a loss of NOK 44,599 thousand (loss of NOK 145,286 thousand).

Details of energy contracts booked at fair value as of 31 December 2016

| | | | | Notional |
|---|----------------|-----------|------------|-----------|
| | Volume GWh/CUR | Due | Fair value | amount 1) |
| Forward contracts NASDAQ financial institutions | 491 | 2017 | 16 142 | 71 858 |
| Forward contracts NASDAQ financial institutions | 140 | 2018 | 6 216 | 26 113 |
| Commodity contract related party | (26) | 2017 | (1 165) | (5 611) |
| Commodity contract '30-øringen' 2) | 501 | 2017 | - | 141 589 |
| Commodity contract '30-øringen' 2) | 6 517 | 2018-2030 | - | 1 688 680 |
| Commodity contracts swap Statkraft | 201 | 2017 | (8 250) | 60 187 |
| Commodity contracts swap Statkraft | 806 | 2018-2021 | (66 721) | 240 913 |
| Embedded derivatives power contracts (EUR) | 24 928 | 2017 | (4 243) | 226 474 |
| Embedded derivatives power contracts (EUR) | 174 481 | 2018-2027 | (58 141) | 1 585 210 |
| Fair value energy contracts at fair value | | | (116 163) | |

¹⁾ Notional value based on currency rates at 31.12.

Details of energy contracts booked at fair value as of 31 December 2015

| | Volume GWh/CUR | Due | Fair value | Notional amount 1) |
|--|-------------------|-----------|------------|--------------------|
| | volume ovvin, con | Dac | Tun value | dillount |
| Forward contracts NASDAQ OMX Commodity | 422 | 2016 | (76 111) | 199 013 |
| Forward contracts financial institutions | 479 | 2016 | (35 701) | 77 118 |
| Forward contracts financial institutions | 166 | 2017 | 1 077 | 32 951 |
| Commodity contract Solar | (220) | 2016 | 14 332 | 53 893 |
| Commodity contract Solar | (26) | 2017 | 543 | 5 925 |
| Commodity contract '30-øringen' 2) | 501 | 2016 | (46 971) | 138 462 |
| Commodity contract '30-øringen' 2) | 7 014 | 2017-2030 | 38 860 | 1 374 436 |
| Commodity contracts swap Statkraft | 1008 | 2017-2021 | (96 910) | 317 936 |
| Embedded derivatives power contracts (EUR) ³⁾ | 146 904 | 2017-2027 | (105 372) | 1409 295 |
| Fair value energy contracts at fair value | | | (306 253) | |

¹⁾ Notional value based on currency rates at 31.12.

²⁾ The contract does not qualify as a hedging instrument, hence it is booked at the lower of cost and fair value.

²⁾ The contract does not qualify as a hedging instrument, hence it is booked at the lower of cost and fair value.

³⁾ Correction based on change in accounting policy, see note 31 Changes in accounting policies.

28 Related party transactions

100% of the shares in Elkem AS is held by Bluestar Elkem International Co., Ltd. S.A. Details of transactions between Elkem AS and other related parties are disclosed below.

| Total | 1 305 731 | (1 485 042) | 181 498 | (282 452) | 50 664 | (21 158) |
|---|----------------|--------------------|-------------------|--------------------|--------------------|----------------------|
| Joint arrangements and associates | - | - | - | (113 649) | 155 | _ |
| Subsidiaries | 1 232 237 | (1 474 347) | 118 860 | (156 470) | 50 509 | (21 158) |
| Other related parties within China National Bluestar grou | p 73 495 | (10 695) | 61 919 | (12 332) | - | - |
| Bluestar Elkem International Co., Ltd. S.A. | - | - | 718 | - | - | - |
| 2016 | Trade sales | Trade purchases | Services sales | Services purchases | Interest income | Interest expenses |
| | | | | - 1 | | |

| Total | 1 118 107 | (1 615 350) | 178 358 | (274 094) | 73 128 | (17 695) |
|--|----------------|--------------------|-------------------|-----------------------|-----------------|----------------------|
| Joint arrangements and associates | - | - | 3 | (110 365) | 170 | _ |
| Subsidiaries | 1050 605 | (1 556 039) | 108 277 | (159 769) | 42 053 | (17 695) |
| Other related parties within China National Bluestar group | 67 502 | (59 311) | 69 185 | (3 961) | 30 905 | - |
| Bluestar Elkem International Co., Ltd. S.A. | - | - | 893 | - | - | - |
| 2015 | Trade sales | Trade purchases | Services sales | Services purchases | Interest income | Interest expenses |

| Loans from/to related parties | 31.12.2016 | 31.12.2015 |
|---|------------|------------|
| Non-current loans from Other related parties within China National Bluestar group | (6 339) | - |
| Non-current loans from subsidiaries | (111 904) | (102 327) |
| Current loans from subsidiaries | (633 996) | (611 607) |
| Non-current deposit subsidiaries | 717 922 | 3 249 206 |
| Other receivables from subsidiaries | 28 470 | 140 408 |
| Non-current loans to joint arrangements and associates | 7 098 | 6 943 |
| Accounts receivable Bluestar Elkem International Co., Ltd. S.A. | 354 | 400 |
| Accounts receivable other related parties within China National Bluestar group | 189 | 10 609 |
| Accounts receivable subsidiaries | 244 669 | 179 232 |
| Accounts payables from other related parties within China National Bluestar group | (1077) | (2 164) |
| Accounts payables from subsidiaries | (176 007) | (270 489) |
| Accounts payables from joint arrangements and associates | (12 656) | (8 455) |

Information about transactions between related parties

Elkem follows internationally accepted principles for transactions between related parties. In general, Elkem seeks to use transaction based methods (comparable uncontrolled price, cost plus and resale price method) in order to set the price for the transaction. The majority of the transactions between related parties, relate to products involving:

- Raw materials (quartz) from quarries to plants
- Electrode paste from Carbon plants to FeSi and Silicon plants
- Surplus raw materials between plants
- Ad-hoc supplies of finished goods to Elkem's internal distributors
- Purchase of short and deep sea transport
- Sale of management and technology services
- Sale of power supply
- Rent of plant facilities and related services

Elkem's set-up for sales is based on an agent structure, rather than a distribution network. Elkem has also sourced companies that purchase key raw materials and other supplies from selected suppliers world-wide. In both activities above, the transaction between the related parties is a delivered service, either sales-service or sourcing-service. Additionally, Elkem has internal help chains that are established to serve several operating units more efficiently.

Elkem AS also have both long term receivables and long term payables to related parties. The group loans are normally interest bearing and interest is calculated based on interbank rates (for example NIBOR) and a margin.

Note 28 continues >

One-time transactions with related parties

On 19 June 2015 Elkem AS sold 50% of its shares in the Joint Venture Elkem Solar AS at a proceed of NOK 820,000 thousand together with a loan receivable of NOK 1,624,000 thousand against Elkem Solar AS. The sales resulted in a gain for Elkem AS of NOK 104,838 thousand. The gain is presented as part of income from Joint ventures.

In June 2015 Elkem AS purchased fixed assets at the Fiskaa plant in Kristiansand, Norway, from Elkem Solar AS. For the rest of 2015, included in sale of services to other related parties within China National Bluestar group, Elkem Solar AS paid a rent and service fee to Elkem AS group.

Commitments with related parties

Elkem AS have no commitments to related parties.

Transactions with key management personnel

Information on transactions with key management personnel is included in note 5 Employee benefit expenses.

29 Grants

| Elkem has received the following government grants | 2016 | 2015 | |
|--|---------|---------|--|
| Likelii ilas received tile following government grants | 2010 | 2013 | |
| Funding from the Norwegian government R&D | 20 364 | 19 232 | |
| CO ₂ Compensation from the Norwegian Environment Agency | 84 418 | 93 978 | |
| Funding related to energy recovery | 27 741 | 17 134 | |
| Other government grants | 86 | - | |
| Total government grants received | 132 609 | 130 344 | |
| | | | |
| Elkem has received the following grants from other | 2016 | 2015 | |
| Norwegian NO _x fund for reduced emission of NO _x ¹⁾ | 48 777 | 66 755 | |
| Other grants received other than government | 250 | 823 | |
| Total other grants received | 49 027 | 67 578 | |

 $^{^{1)}}$ The industry in Norway pays a fee for their emission of NO_x to the Norwegian NO_x fund. The fund is self financed by the fee and its purpose is to support projects that reduces the NO_x emission from the industry in Norway.

Grants received is included in the financial statement as follows:

| Other operating income | 107 520 | 121 214 |
|--|---------|---------|
| Deduction of carrying amount of fixed assets | 74 116 | 76 708 |
| Total | 181 636 | 197 922 |
| Receivables related to grants | 113 677 | 133 916 |
| Deferred income related to grants | (6 252) | (9 837) |

In 2015 Elkem AS have received NOK 28,974 thousand in CO₂ compensation which relates to the year 2014 and 2013. The current CO₂ compensation programme will end in 2020.

30 Merger Elkem AS and subsidiaries

In 2016, Elkem AS has merged with the subsidiary Bluestar Silicones International Co. Ltd. S.a.r.l. Bluestar Silicones International Co. Ltd. S.a.r.l. is the parent company in the Silicones group. The Silicones group produce and sell silicone related products through the whole world.

The merged subsidiary was 100% fully owned by Elkem AS and the merger was effective from 1 January 2016 with Elkem AS as the surviving entity. The merged entity are included in Elkem AS based on group book value and the continuity accounting method. For accounting and tax purposes the merged entities were included in Elkem AS retrospectively as of 1 January 2016.

Details on the merged balances are outlined below:

| Net assets | Note | TOTAL |
|---|------|-------------|
| Investments in subsidiaries | 13 | 1 483 025 |
| Other non-current assets (reduced assets) | 19 | (1 529 562) |
| Other current assets (reduced assets) | 16 | (2 219) |
| Cash and cash equivalents | 20 | 62 974 |
| Total Assets | | 14 218 |
| Non-current interest-bearing liabilities | 25 | 6 699 |
| Accounts payables | | 3 896 |
| Other current liabilities (reduced liabilities) | 26 | 27 |
| Total liabilities | | 10 622 |
| Net assets / Equity contributed in the merger | | (74 673) |

31 Changes in accounting policies

Elkem AS has performed the following changes in accounting policies and presentation:

- Changed accounting principle that it uses for recognition of long-term power contracts, see note 2 Accounting principle.
- Changed the presentation of gains and losses from commodity derivatives where hedge accounting is not applied, to be included in line item other gains / losses related to opearting activities. Previously this effect was presented as a finance income / expense.
- Changed to net presentation of interest income / expense against the same counterparty in the Group bank accounts.

The impact on comparable figures in the income statement and balance sheet are shown in the tables below:

| | 2015 Financial | Change in accounting | Change in | | 2015 |
|---|-------------------|----------------------|-----------|------------------|-----------|
| Income statement 1.131.12.2015 | statement | policies | _ | Reclassification | Restated |
| Other gains/losses related to operating activities | (442 276) | (155 227) | (55 561) | - | (653 064) |
| Operating profit (loss) | 215 572 | (155 227) | (55 561) | - | 4 784 |
| Finance income | 85 202 | - | - | (8 481) | 76 721 |
| Finance expenses | (128 941) | - | 55 561 | 8 481 | (64 899) |
| Profit before income tax | 444 082 | (155 227) | - | - | 288 855 |
| Tax (expense) / income | (117 337) | 37 866 | - | - | (79 471) |
| Profit for the year | 326 745 | (117 361) | - | - | 209 384 |
| | | | | | |
| | 2014 | Change in | | | |
| | Financial | accounting | | | 2014 |
| Balance sheet 31.12.2014 / Opening balance 1.1.2015 | statement | policies | | | Restated |
| Deferred tax assets | 83 650 | 12 704 | | | 96 354 |
| Retained earnings | (380 518) | 34 350 | | | (346 168) |
| Derivatives, non-current liabilities | (55 343) | (47 054) | | | (102 397) |
| | | | | | |
| | 2015 | Change in | | | |
| | Financial | accounting | | | 2015 |
| Balance sheet 31.12.2015 | statement | policies | | | Restated |
| Deferred tax assets | - | 33 452 | | | 33 452 |
| Retained earnings | (706 346) | 151 711 | | | (554 635) |
| Deferred tax liabilities | (17 118) | 17 118 | | | - |
| Derivatives, non-current liabilities | (145 198) | (202 281) | | | (347 479) |
| | | | | | |



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To the Annual Shareholder's Meeting of Elkem AS

Independent Auditor's Report

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of Elkem AS. The financial statements comprise:

- The financial statements of the parent company Elkem AS (the "Company"), which comprise the balance sheet as at 31 December 2016, and the income statement and cash flow statement for the year then ended, and notes to the financial statements, including a summary of significant accounting policies, and
- The financial statements of Elkem AS and its subsidiaries (the "Group"), which comprise the statement of financial position as at 31 December 2016, and the statement of income, statement of other comprehensive income, statement of changes in equity, statement of cash flow for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion:

- The financial statements are prepared in accordance with the law and regulations.
- The accompanying financial statements give a true and fair view of the financial position of the Company as at 31 December 2016, and its financial performance and its cash flows for the year then ended in accordance with the Norwegian Accounting Act and accounting standards and practices generally accepted in Norway.
- The accompanying financial statements give a true and fair view of the financial position of the Group as at 31 December 2016, and its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards as adopted by the EU.

Basis for Opinion

We conducted our audit in accordance with laws, regulations, and auditing standards and practices generally accepted in Norway, including International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Company and the Group as required by laws and regulations, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

KPMG AS, a Norwegian limited liability company and member firm of the KPMG network of independent member firms affiliated with KPMG International Cooperative ("KPMG International"), a Swiss entity.



Auditor's Report - 2016 Elkem AS

Other information

Management is responsible for the other information. The other information comprises the Board of Directors' report and information in the annual report, but does not include the financial statements and our auditor's report thereon. This includes other information, which we obtained prior to the date of this auditor's report, and the annual report, which is expected to be made available to us after that date.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon, with the exception of our Report on Other Legal and Regulatory Requirements below.

In connection with our audit of the financial statements, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated.

If, based on the work we have performed on the other information that we obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

When we read the annual report, if we conclude that there is a material misstatement therein, we are required to communicate the matter to the Board of Directors.

Responsibilities of the Board of Directors and the Managing Director for the Financial Statements

The Board of Directors and the Managing Director (management) are responsible for the preparation in accordance with law and regulations, including fair presentation of the financial statements of the Company in accordance with the Norwegian Accounting Act and accounting standards and practices generally accepted in Norway, and for the preparation and fair presentation of the financial statements of the Group in accordance with International Financial Reporting Standards as adopted by the EU, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Company's and the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern. The financial statements of the Company use the going concern basis of accounting insofar as it is not likely that the enterprise will cease operations. The financial statements of the Group use the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with laws, regulations, and auditing standards and practices generally accepted in Norway, including ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with laws, regulations, and auditing standards and practices generally accepted in Norway, including International Standards on Auditing (ISAs), we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error. We design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.



- obtain an understanding of internal control relevant to the audit in order to design audit
 procedures that are appropriate in the circumstances, but not for the purpose of expressing an
 opinion on the effectiveness of the Company's or the Group's internal control.
- evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- conclude on the appropriateness of management's use of the going concern basis of
 accounting and, based on the audit evidence obtained, whether a material uncertainty exists
 related to events or conditions that may cast significant doubt on the Company's ability to
 continue as a going concern. If we conclude that a material uncertainty exists, we are required
 to draw attention in our auditor's report to the related disclosures in the financial statements
 or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on
 the audit evidence obtained up to the date of our auditor's report. However, future events or
 conditions may cause the Company to cease to continue as a going concern.
- evaluate the overall presentation, structure and content of the financial statements, including
 the disclosures, and whether the financial statements represent the underlying transactions
 and events in a manner that achieves fair presentation.
- obtain sufficient appropriate audit evidence regarding the financial information of the entities
 or business activities within the Group to express an opinion on the consolidated financial
 statements. We are responsible for the direction, supervision and performance of the group
 audit. We remain solely responsible for our audit opinion.

We communicate with the Board of Directors regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Report on Other Legal and Regulatory Requirements

Opinion on the Board of Directors' report

Based on our audit of the financial statements as described above, it is our opinion that the information presented in the Board of Directors' report concerning the financial statements, the going concern assumption, and the proposal for the allocation of the profit is consistent with the financial statements and complies with the law and regulations.

Opinion on Registration and Documentation

Based on our audit of the financial statements as described above, and control procedures we have considered necessary in accordance with the International Standard on Assurance Engagements (ISAE) 3000, Assurance Engagements Other than Audits or Reviews of Historical Financial Information, it is our opinion that management has fulfilled its duty to produce a proper and clearly set out registration and documentation of the Company's accounting information in accordance with the law and bookkeeping standards and practices generally accepted in Norway.

Oslo, 4 April 2017 KPMG AS

Øyvind Skorgevik

Oginal Stangente

State Authorised Public Accountant

Group structure

Elkem is owned by China National Bluestar (Group) Co. Ltd. (Bluestar), which is a subsidiary of China National Chemical Corporation (ChemChina).

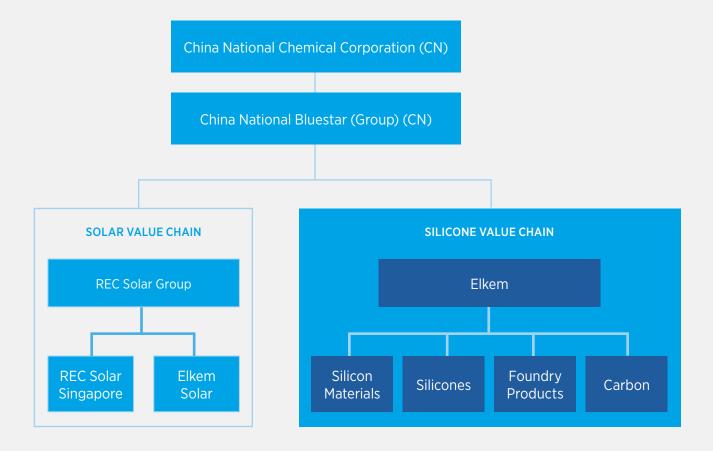
ChemChina is a state-owned enterprise incorporated in the People's Republic of China. The group is ranked as no. 234 on the Fortune Global 500, which is a list of the world's largest companies ranked by revenues. ChemChina is China's largest chemical company with more than 140,000 employees, of which 52,000 are outside China.

Bluestar was brought under the central government's administration in 2000 and became a special subsidiary of ChemChina in 2004. Bluestar is centred on the chemical industry with focus on new chemical materials and animal nutrition.

Bluestar has been the owner of Elkem since 2011, and of Elkem's Silicones division (Bluestar Silicones) since 2007. Bluestar Silicones became part of Elkem in 2015 to create a fully integrated silicone value chain from quartz to highly specialised silicones products.

Bluestar is also the owner of REC Solar, which is another fully integrated value chain from silicon to high quality solar panels. Bluestar acquired REC Solar ASA in May 2015. Elkem Solar AS was subsequently demerged from Elkem AS and integrated into the REC Solar group.

Elkem's annual report 2016 covers the silicone value chain.



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