



# Second quarter results 2025



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# Highlights





## Helge Aasen Chief Executive Officer

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Elkem continues to face weak market conditions. However, our strong cost position and solid operational performance ensures stable financial results.

## Highlights

# Strong cost positions ensure stable financial results

- Market conditions remained weak in the second quarter, but results supported by good operational performance
- Silicon Products was impacted by weak demand and price pressure, mainly due to Chinese imports to EU
- Carbon Solutions delivered continued strong performance
- Silicones improved results compared to the previous quarter and second quarter 2024
- Norwegian Ministry of Climate and Environment concluded in favour of Elkem's complaint of unequal treatment in allocation of free emission allowances under EU ETS from 2021 to 2025
- Strategic review to streamline the Elkem's business portfolio is ongoing. A status update will be provided during the third quarter



Elkem – continuing operations\*

Total operating income MNOK 4 325

EBITDA MNOK 547

EBITDA margin

## **Elkem including Silicones**

Total operating income MNOK 7 982

EBITDA MNOK 803

EBITDA margin

# Strong ESG performance

### Green leadership

- Elkem supports the green transition through the supply of critical materials, and works systematically to cut emissions, reduce waste and resource-use. Our efforts are recognised through top ESG ratings from EcoVadis and CDP
- As a further recognition, Elkem has also made it to CDP's Supplier Engagement Assessment A-list for the 2024 disclosure cycle
- In June, Elkem was awarded NOK 33 million from Innovation Norway to pilot green products using recycled slag and silicon



### Safety

#### Ambition: Zero injuries

Total injury rate (per million working hours)



2021 2022 2023 2024 YTD-2025

#### Sustainability targets



emissions by 2030



Reduction in CO<sub>2</sub> product footprint by 2030



### Rated among the world's leading companies





EcoVadis: Platinum for 2024, in the top 1%

## S&P Global

S&P Global CSA: Top **98th** percentile



### Elkem's plants and price areas in Norway

### Energy cost position

# New long-term power contract securing favourable cost position

- In the second quarter 2025, Elkem entered into a new long-term power contract. The volume is 300 GWh/yr in the NO4 price area, supporting Elkem's plant in Salten. The contract period is from 2028 to end of 2037
- Last year, Elkem signed new long-term power contracts for a total of 610 GWh/yr in the price areas NO3 and NO4
- Elkem is well covered with long-term contracts at competitive rates in Norway, with the longest contract expiring in 2037



## Share of electricity consumption hedged for Norway plants



### Markets

# Strategic opportunities in infrastructure, digitalisation and defence

Sustainable global infrastructure

- Elkem provides advanced silicon-based materials for construction, energy, mobility and smart cities
- The recently-opened Chenab Railway Bridge the world's highest single-arch rail bridge used Elkem Microsilica® to ensure long-term durability
- This milestone in India highlights Elkem's growing role in sustainable global infrastructure



- Norway is investing NOK 1 billion in six national AI centres to advance key sectors including energy, health, logistics, and manufacturing
- Elkem is a partner in the Centre on Al for Decisions, contributing industrial expertise and data to enable smarter, more sustainable manufacturing

Materials for advanced defence technologies

- NATO allies have committed to increase defence spending to 5% of GDP, marking a major shift from the previous 2% target
- European Defence Industry Programme (EDIP) will strengthen defence by modernising and securing critical supply chains
- Elkem is well-positioned as a key supplier of silicon and ferrosilicon, which are essential for advanced defence technologies











#### General markets

# Automotive remains weak, but outlook improving



- Light vehicle production remains at low levels, but with slight upward revisions. Markets constrained by trade uncertainty and structural headwinds
- Europe's 2025–2026 outlook has improved slightly, helped by expected US tariff cuts—though softer demand in late 2025 tempers the gain
- China's 2025 forecast was lifted to 31.1 million units, driven by domestic incentives and a rebound in exports. Yet, overcapacity and price competition continue to weigh on the market, especially in the EV segment
- Forecasts across the Americas show regional divergence, with upgrades in North America driven by tariff relief and production momentum, while South America sees a more modest gain

Light vehicle production forecast (million units)



# Price decline in EU and China



- The market sentiment remains weak, characterised by high uncertainty and low demand
- End of June, reference prices in EU were reduced by around 20%, reflecting a declining spot trend in the quarter. Prices have come down to an unsustainable level, driven by Chinese imports
- The US silicon market is experiencing continued downward pressure, but prices have stabilised
- In China, silicon prices have continued to drop due to overcapacity and weak demand from the polysilicon segment. Announced production cuts may improve the supply-demand balance
- On-going safeguard investigation in EU expected to limit price pressure from imports

## CRU silicon 99 price EU and US (EUR/mt)



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EU Si 533 US Si 533

### Ferrosilicon market

# Ferrosilicon prices under pressure



- Market sentiment characterised by sluggish demand and downward price pressure
- EU prices declined due to trade diversion caused by higher import barriers in US. Producers in Brazil, Malaysia and Kazakhstan increasingly focusing on the EU market
- US prices increased in the second quarter driven by new antidumping and subsidy rates on Brazil, Malaysia and Kazakhstan in addition to reciprocal import duties
- In China prices have reached historic lows. Steel mills have delayed their tenders and trading in the spot market remained slow. Chinese overcapacities are exerting pressure on global prices
- On-going safeguard investigation in EU expected to limit price pressure from imports

## CRU ferrosilicon 75 price EU and US (EUR/mt)



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— EU FeSi — US FeSi

### Carbon market

# Demand for core products impacted by sluggish market



- Demand for carbon products varies across regions driven by steel, ferroalloys, and aluminium
- Global steel production in Q2-2025 down 2% compared to last year
  - Europe down 2% while North America increased by 3% driven by tariffs
- The challenging conditions in steel and ferroalloys persist, but Carbon Solutions' specialty offerings are providing resilience and stability

## Crude steel production (million mt)



### Silicones market

# Decline in raw material costs pushing prices to new lows



- Market sentiment remains subdued due to overcapacity in China and reduced demand from construction, textiles, and chemical sectors
- DMC prices in China down to CNY 10 400 per ton by the end of second quarter. Price decline driven by lower raw material costs and price dumping to reduce high inventory levels
- Demand for commodity silicones in the EU and the US negatively impacted by changing tariff polices. In general, solid demand for specialties

## DMC reference price China (CNY/mt)



**Source: China Ferroalloynet.** Elkem has changed the source for DMC prices in China to Ferroalloynet. These prices have on average been around CNY 200 below previous reference prices

# Outlook for the third quarter 2025

- Market conditions remain subdued, but Elkem's financial performance is supported by strong cost and market positions
- Silicon Products experiencing challenging markets and deteriorating reference prices, but leading cost positions alleviating negative impact
- Carbon Solutions benefits from good cost positions and geographically diverse customer portfolio
- Silicones markets expected to remain stable at low levels. Current price levels are not deemed sustainable in the long-term





# Financial performance

### Elkem group

# EBITDA impacted by lower sales prices but supported by strong cost positions



2Q 2024 Si. Prod. Carbon Silicones Elm/Oth. 2Q 2025



Decrease mainly explained by Silicon Products due to lower sales prices



2Q 2024 Si. Prod. Carbon Silicones Elm/Oth. 2Q 2025

# **Overview financial ratios**

The Silicones division is classified as discontinued operations and assets held for sale. The financial figures below refer to Elkem group including Silicones

- EBITDA MNOK 803
  - Segment Other included realised derivative effects of MNOK -2
- Other items MNOK 74
  - Consisting of gains on power and currency derivatives MNOK 165, currency losses MNOK -71, and restructuring expenses MNOK -20
- Net finance income (expenses) MNOK -488
  - Consisting of net interest expenses MNOK -150, currency losses of MNOK -317, and net other financial items of MNOK -21
- Tax MNOK 19
  - Includes recognition of deferred tax assets MNOK 49
  - Elkem has succeeded in a tax appeal in Norway resulting in reimbursement of MNOK 205 including interest in 3Q-2025, of which MNOK 24 will have a P&L impact

Consolidated	key figures
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	Elkem Group incl. Silicones				Elkem - Continuing operations			
(NOK million, except where specified)	2Q 2025	2Q 2024	YTD 2025	YTD 2024	2Q 2025	2Q 2024	YTD 2025	YTD 2024
Total operating income	7 982	8 490	15 999	16 450	4 325	5 010	8 670	9 798
EBITDA	803	1 0 3 5	1721	1777	547	1 0 0 5	1 257	1837
EBIT (1)	174	272	375	407	305	647	773	1260
Other items	74	-35	81	-234	85	18	122	-196
Net finance income (expenses)	-488	-218	-679	-256	-454	-199	-613	-225
Profit (loss) before income tax	-304	-11	-362	-322	-127	436	145	600
Тах	19	892	-113	789	46	909	-69	809
Profit (loss) for the period	-285	881	-474	467	-81	1346	77	1408
Key ratios								
EPS (NOK per share)	-0.49	1.35	-0.82	0.65				
Equity ratio (%)	50 %	51%	50 %	51%				
Net interest bearing debt (NIBD) <sup>(2)</sup>	11 403	9 263	11 403	9 263				
Leverage ratio	2.8	3.1	2.8	3.1				
Reinvestments % of D&A	65 %	71 %	57 %	60 %				
ROCE (annualised) (%)	2 %	3 %	2 %	2 %				

(1) Operating profit before other items and derivative adjustments

(2) Elkem Group refers to owners of the parent's share of profit (loss).

(3) Excluding non-current restricted deposits and interest-bearing financial assets

#### Silicon Products

# Weak commodity markets impacting results

- Total operating income of MNOK 3 550, down 13% from the second quarter last year
  - Lower operating income mainly explained by lower sales prices
- EBITDA of MNOK 345, down 54% from the second quarter last year
  - Explained by lower sales prices. The ferrosilicon market was particularly weak, while other segments were holding up
  - Negative sales mix effects due to lower demand for high purity grades
- The sales volume was in line with the second quarter last year. Markets are still weak, but Elkem has maintained high capacity utilisation

## Total operating income

NOK million

= 2024 = 2025





2Q

ЗQ

1Q



4Q

#### Carbon Solutions

# Stable results amid challenging market

- Total operating income MNOK 854, down 15% from the second quarter last year
  - Lower operating income was mainly explained by lower sales volume and lower sales prices
- EBITDA of MNOK 242, down 27% from the second guarter last year
  - Mainly explained by lower sales volume, lower sales prices and higher raw material costs
- Sales volume down from second quarter last year, but in line with previous guarters. Idled steel capacity in EU affecting volumes

## Total operating income

NOK million



## **EBITDA** and margin

NOK million and %





#### Silicones – Under strategic review

# Continued EBITDA improvements due to stronger costs positions

- Total operating income of MNOK 3 876, up 3% from the second quarter last year
  - Higher sales volume was partly countered by lower commodity sales prices
- EBITDA of MNOK 247, significantly up from second quarter last year
  - Mainly driven by improved cost positions, operational excellence, and lower raw material costs
- Sales volume up 22% compared to second quarter 2024, mainly due to higher commodity sales in the Asia Pacific region

## Total operating income

NOK million

2024

2025





2Q

ЗQ

1Q

# Elkem

4Q

# Robust equity position – EPS negatively affected by Silicones which is under strategic review

Earnings per share (EPS) amounted to NOK -0.49 in the second Total equity amounted to BNOK 24.0 as at 30 June 2025, down quarter and NOK -0.82 year to date BNOK 2.1 from year-end 2024 EPS was impacted by losses in Silicones (under strategic review) Equity to total assets (equity ratio) at 50% EPS excluding Silicones was NOK -0,16 in the second quarter Equity ratio Earnings per share (EPS) In percent of total assets NOK per share 1.35 51% 50 % 50 % 49% 49% 0.15 -0.03 -0.33 -0.49 2Q-24 3Q-24 4Q-24 1Q-25 2Q-25 2Q-24 30-24 4Q-24 1Q-25 2Q-25

# Good maturity profile

- Net interest-bearing debt (NIBD) BNOK 11.4 as at 30 June 2025
  - Leverage ratio of 2.8x based on LTM EBITDA of BNOK 4.1

- Good financing position
  - Well distributed and managed maturity profile with low upcoming debt repayments
  - The interest cover ratio was 6.2x by end of second quarter 2025





# Low investments improving cash flow generation

<ul> <li>Cash flow from operations<sup>(1)</sup> was MNOK 308 in the second que 2025</li> <li>Cash flow excluding Silicones was MNOK 323 in the quarter</li> </ul>		<ul> <li>Investments ex. M&amp;A of MNOK 464 in the second quarter 2025</li> <li>Reinvestments MNOK 401, amounting to 65% of D&amp;A</li> <li>Strategic investments MNOK 64, related various smaller project in each of the divisions</li> </ul>
Cash flow from operations	■ 2024 ■ 2025	Investments ex. M&A NOK million = 2024
779 381 308 38 330		Total       701       537         Total       318       414         52       464       156         Strategic       318       414         52       445       401         8einvestments       298
1Q 2Q 3Q 4Q		1Q 2Q 3Q 4Q

Second quarter 2025

# Key take-aways

- Markets still characterised by uncertainty and geopolitical volatility.
   Elkem to focus on cash generation and disciplined capital spending
- Silicon Products continues to face low demand but is well positioned due to strong cost and market positions. All furnaces in operation by the start of third quarter
- Carbon Solutions benefitting from good cost positions and geographically diverse market positions
- Silicones benefitting from improved cost positions in China and France. Trade tensions affecting the business, but Elkem's broad geographical footprint provides attractive opportunities
- Norwegian Ministry of Climate and Environment decision in favour of Elkem secures equal treatment
- Strategic review to streamline the company's business portfolio is underway, with a target to conclude before year-end

# Important notice

Any statement, estimate or projection included in this presentation (or upon which any of the conclusions contained herein are based) with respect to anticipated future performance (including, without limitation, any statement, estimate or projection with respect to the condition (financial or otherwise), prospects, business strategy, plans or objectives of the company and/or any of its affiliates) may prove not to be correct.

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# Appendix



# We are Elkem

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# Advanced silicon-based materials shaping a better and more sustainable future







# Why invest in Elkem?



Global leader in advanced siliconbased materials .

Leading cost positions and strong results over the cycle

# 

Geographically diverse and resilient business model



Supplier of critical materials to the green and digital transitions with strong ESG focus

Strong commitment to delivering attractive return to shareholders

# Elkem operates through three divisions: All with global scale, leadership positions and global footprint

#### Silicones Silicon products Carbon solutions Fully integrated silicones manufacturer Global producer and provider of silicon, ferrosilicon Leading producer of electrode paste and specialty with focus on specialities and specialties products $\langle \chi \chi \chi \chi$ XXX XXX 46% 44% 10% 13 12 6 of operating of operating of operating income income income Main production Main production Main production sites sites sites End markets End markets **End markets** Construction Healthcare Automotive Specialty steel Ferroalloys Paper & film release Automotive Construction/ Solar & wind Silicon industrial turbines Chemical Silicone rubber Aluminium equipment formulators Refractories Textile Iron foundries • Electronics Oil & gas Personal care

# Sustainable business model delivering good results



### Corporate strategy

# Creating value through profitable & sustainable growth

## Dual-play growth

- $\rightarrow$  Driving growth & value creation in all three divisions
- → Securing supply chain resilience through geographical diversification

Growth >5% per year EBITDA >15% per year



### **Green leadership**

- → Cutting emissions & resource-use to reach climateneutral production
- → Enabling the green transition through supply of critical materials

Reduce CO<sub>2</sub> -25% 2022-30 Net zero by 2050

## Silicones

- $\rightarrow$  Improve underlying profitability & value creation
- → Accelerate product specialisation & circular economy
- $\rightarrow$  Pursue selective growth initiatives

## Silicon products

- $\rightarrow$  Strengthen leading cost positions
- $\rightarrow$  Pursue organic growth & bolt-on acquisitions
- $\rightarrow$  Reduce CO<sub>2</sub> emissions & energy consumption

## **Carbon solutions**

- → Further improve profitability through operational excellence
- → Expand green product portfolio
- $\rightarrow$  Pursue organic growth & bolt-on acquisitions

# Delivering good results over the business cycle

Elkem delivering on its financial targets over the cycle
✓ Operating income CAGR 8% vs target of > 5% per year
✓ EBITDA margin 17% vs target of 15 - 20%

 $\checkmark$  Leverage ratio 1.6x vs target of 1.0 – 2.0x



Operating income



#### EBITDA



Cash flow from operations





Leverage ratio

EBITDA margin



Equity ratio



Figures in NOK billion unless otherwise stated



# Commitment to reduce CO<sub>2</sub> emissions through the value chain

Reduce our emissions and achieve fully climate-neutral production

- Target to reduce scope 1 and 2 emissions by 25%, and deliver a carbon footprint reduction (scope 1-3) by 32% by 2030
- Target to reach carbon neutral production (zero fossil emissions) by 2050





- Provide advanced material solutions required to enable the green transition, such as EVs, renewable energy and low-energy buildings



Enable circular economies

- Increase recycling in our own operations
- Develop circular loop with our customers and suppliers
- Develop the eco-design of innovative products
- Biomass and bio-ethanol in smelters: Target to reach carbon neutral production (zero fossil emissions) by 2050
- Renewable power shift in China: Reduce CO<sub>2</sub> emissions through decarbonisation of China's power mix (scope 2)
- Low-carbon sourcing and eco-design: Pursue long-term sourcing of renewable-based silicon metal and emission-free logistics. Develop circular loop and eco-design of products (scope 3)
- Carbon capture and carbon looping at smelters: Scale R&D projects such as Capture & Storage (CCS) at Rana and Sicalo to remove CO<sub>2</sub> from production

# Solutions to global megatrends

Total production capacity

- $\rightarrow$  100 000 mt in France
- ightarrow 360 000 mt in China.
- → Downstream specialty plants: 6 in EMEA/AMS and 4 in APAC

(Henkel)

### **Product properties**

→ Silicones bring unparalleled properties and performances : long-term reliability, thermal management, electrical & fire safety, lightweighting, biocompatibility, adhesion

## Market positions

- $\rightarrow$  One of five global players
- $\rightarrow$  Top 3 producer in China in terms of production capacity



Industry players - examples

NORDICPAPER )

Johnson-Johnson

Beiersdorf AVERY

**Rising middle class** 

Release coating Personal Care Processing aids



### Digitalisation

Themo-conductive potting Semiconductors assembly Moisture & shock protection

Industry players - examples





## Ageing population

Prosthetics precision moulding Implantable materials Medical adhesives

Industry players - examples





### Mobility

Battery thermal management Lightweight materials assembly Lubricant & transmission fluids Airbag textile coating





Decarbonisation

Solar panels assembly Nuclear grades silicones Energy efficient sealant

Industry players - examples



P&G

ĽORÉAL

# Serving attractive end markets with advanced technologies



Key success factors

R&D, application & formulation expertise

# **2** Elkem

Cost and volume

# Silicon – attractive cost position and downstream integration

**Raw materials** 



Coal and biocarbon



Electricity



# Products



- Total production capacity
- 205.000\* mt in Norway and China
- $\rightarrow$  175.000<sup>\*</sup> mt silicon grades
- $\rightarrow$  20.000 mt Silgrain®
- $\rightarrow$  10.000 mt Silgrain® specialties

## Properties

- → Raw material in silicones and polysilicon optimising selectivity
- ightarrow Alloy strengthening aluminium
- $\rightarrow$  Semi-conductor insulating electronics
- $\rightarrow$  Impurity management KSF

### Market dynamics

- → 16% market share ex China (second largest merchant producer)
- $\rightarrow\,$  Commodity with index linked prices





30%

of division's sales

# Elkem

\* Of which 50.000 mt at Yongdeng plant (internal supplier to Elkem Xinghuo) reported in Elkem Silicones \*\* Split of silicon revenues by segment – companies named are examples and not necessarily customers

### Silicon Products - Business lines

# Ferrosilicon – high quality products to specialty steel

**30%** of division's sales

# Quartz

**Raw materials** 

#### Coal and biocarbon



### Electricity



Iron



# Products

Total production capacity

- ightarrow 185.000 mt in Norway and Iceland
- $\rightarrow$  40% High Purity grades
- $\rightarrow\,35\%$  Refined grades
- $\rightarrow\,25\%$  Standard grades
- $\rightarrow\,$  Flexibility to switch grades

### Properties

- $\rightarrow$  Deoxidising steel
- $\rightarrow$  Impurity management KSF

### Market dynamics

- → 30% market share specialty FeSi globally
- $\rightarrow\,$  Commodity with index linked prices





# Foundry Alloys – global leader into cast iron metal treatment

### **Raw materials**

#### Ferrosilicon



Alloying elements



## Products



Total production capacity

- $\rightarrow$  190.000 mt globally
- $\rightarrow$  60% FSM
- $\rightarrow$  20% Low potent inoculants
- $\rightarrow$  20% High/Medium potent inoculants
- $\rightarrow$  Residual capacity utilised for ferrosilicon

#### Properties

→ Improves properties of ductile iron and controls the microstructure and mechanical properties of cast irons

#### Market dynamics

- → 50% market share in Europe, North America and India
- → Negotiated quarterly prices

# Industry players\* Iron foundries Image: Imag

### End markets\*\*



30%

of division's sales





# Microsilica – tailor made products to wide range of specialty applications

#### **Raw materials**





Elkem pioneered the development to collect and process the off-gas of silicon and ferrosilicon, and is now the world's leading supplier of microsilica and related products

## Products



Total production capacity

- → 300.000 mt microsilica globally (40% sourced externally)
- ightarrow 35.000 mt other specialty materials

#### Properties

- → Additive for concrete to improve durability
- → Used in refractories and ceramics for strength and heat resistance
- → Additive in oilfield applications (cementing, drilling fluids and simulation operations)

Market dynamics

→ Global market leader with local presence
 → Negotiated prices





10% of division's sales

# **Currency sensitivity**

- The result and cash flow are exposed to currency fluctuations. The main currencies are EUR, USD and CNY
  - EUR exposure approx. MEUR 300
  - USD exposure approx. MUSD 100
  - CNY exposure approx. MCNY 500
- Current cash flow hedging programme
  - 90% hedging of net cash flows occurring within 0-3 months
  - 45% hedging of forecasted net cash flows within 4-12 months
- Before hedging activities, a 10% strengthening or weakening of NOK versus all other currencies would have an EBITDA effect of approx. MNOK 550 over the coming 12 months. CNY is not hedged



## Currency development

- As of 30 June 2025, the NOK 4% weaker against the EUR, 4% stronger against USD, and 3% stronger against CNY compared to 31 March 2025
- In 2Q-2025, the NOK was on average 1% weaker against EUR, 4% stronger against USD, and 4% stronger against CNY compared to 2Q-2024

# Other financial sensitivities

## Power

- Electric power is a key input factor in Elkem's production. The normal consumption is around 6.5 TWh of which approx. 3.5 TWh is in Norway. Near term exposure to spot power prices is limited
  - Norway, hedging programme mainly consisting of long-term contracts covering around 75% of full capacity consumption until 2030. After 2030, Elkem has a gradually declining hedging ratio in line with its long-term hedging strategy
  - Outside Norway, power prices are mostly based on long-term contracts or regulated power tariffs

## Sales prices

- Changes in sales prices could significantly affect operating income and EBITDA
- 10% price change on silicon metal is expected to affect result by approx. MNOK 70 per year\*
- 10% price change on ferrosilicon is expected to affect result by approx. MNOK 340 per year\*

\* Sensitivities are on group level and based on annual sales volume. Sales prices are based on LTM CRU prices.



Delivering your potential