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Cautionary note in relation to certain forward-looking statements

Certain statements included within this announcement contain forward-looking information, including, without limitation, those relating to (a) forecasts, projections and estimates, (b) statements of management's plans, objectives and strategies for Hydro, such as planned expansions, investments or other projects, (c) targeted production volumes and costs, capacities or rates, start-up costs, cost reductions and profit objectives, (d) various expectations about future developments in Hydro's markets, particularly prices, supply and demand and competition, (e) results of operations, (f) margins, (g) growth rates, (h) risk management, as well as (i) statements preceded by "expected", "scheduled", "targeted", "planned", "proposed", "intended" or similar statements.

Although we believe that the expectations reflected in such forward-looking statements are reasonable, these forward-looking statements are based on a number of assumptions and forecasts that, by their nature, involve risk and uncertainty. Various factors could cause our actual results to differ materially from those projected in a forward-looking statement or affect the extent to which a particular projection is realized. Factors that could cause these differences include, but are not limited to: our continued ability to reposition and restructure our upstream and downstream aluminium business; changes in availability and cost of energy and raw materials; global supply and demand for aluminium and aluminium products; world economic growth, including rates of inflation and industrial production; changes in the relative value of currencies and the value of commodity contracts; trends in Hydro's key markets and competition; and legislative, regulatory and political factors.

No assurance can be given that such expectations will prove to have been correct. Hydro disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.





Building competitiveness through HSE, CSR and compliance



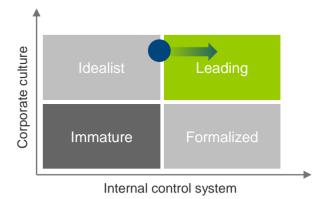
Safety performance (TRI) at industry benchmark

3.1*



Carbon-neutral from a life-cycle perspective

On track



Hydro highly ranked in global compliance comparison study**

- HSE, CSR and compliance always first on the Hydro priority list and part of the company's license to operate
- Strong correlation between financial and non-financial performance
- Clear lines of responsibility throughout the organization and in all business areas on HSE and CSR
- Leading practice on compliance culture, but with improvement potential to clarify and harmonize internal control system



^{*} TRI rate YTD end-Oct-15 – total recordable incidents per million hours worked

^{**} Deloitte: comparative study 2015 on behalf of Hydro

Hydro's aspiration for higher value creation



Better Bigger Greener



2015: Optimizing and high-grading in challenging markets



New Corporate Management Board in place



BNOK 1 'From B to A' improvement program*



Investment decision on Karmøy technology pilot



MNOK 800 'Climb' improvement program*



Long-term power sourcing contracts in Norway and abroad

CMD 2014



Long-term ICMS tax framework established in Brazil



Lol with Vale for 40 % stake in MRN



Acquisition of the world's most advanced scrap sorting technology



Expansion in BiW and recycling, divestment of non-core plant



Rjukan upgrade completed













CMD

2015

^{*} Based on status start of December

Ambitious aspiration on track

	Ambitions from CMD 2014	Timeframe	Progress ¹	Status
Better	 Improve safety performance, reduce TRI < 2 Realize BNOK 1.5 from ongoing improvement efforts Replace expiring power contracts for Norwegian smelters Lift Paragominas production to 9,9 mill mt/yr Lift Alunorte production to 6,2 mill mt/yr Convert > 85%² of alumina sales to PAX-based pricing Extend technology lead with Karmøy technology pilot 	2020 2016 2020 2015 2015 2020 2016	3.1 0.8 BNOK 4.1 TWh 9.9 mill mt/yr 5.9 mill mt/yr 35 % PAX ³ Investment decision	
Bigger	 Expand automotive BiW capacity to 200,000 mt/yr⁴ Start production of >40,000 mt/yr UBC⁵ recycling line Realize 100,000 mt/yr capacity creep in fully-owned smelters Secure and develop bauxite resources for future decades 	2017 2015 2025 Long-term	On track Completed ~10 000 mt/yr MRN Lol	
Greener	 Become carbon-neutral from a life-cycle perspective Increase recycling of post-consumed scrap above 250,000 mt/y Deliver on re-forestation ambition 1:1 	2020 r 2020 2017	On track 135,000 mt/yr On track	



¹⁾ Based on 2015 estimate or YTD annualized

²⁾ Based on sourcing volume of ~2.3 million tonnes per year

³⁾ Based on sourcing volume of ~ 2.7 million tonnes for 2015

⁴⁾ Refers to nominal capacity

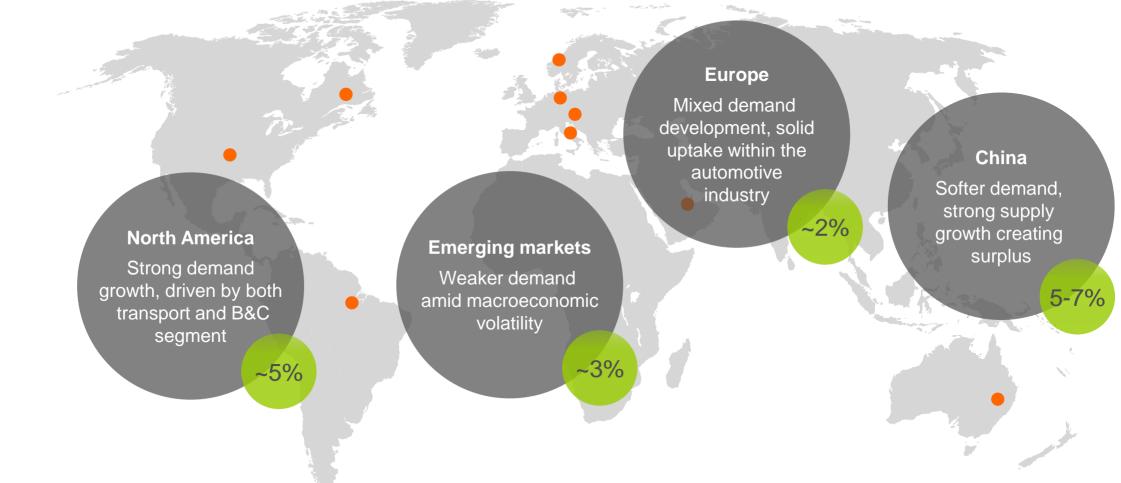
⁵⁾ Used beverage can





Primary demand growth of 4-5% expected in 2016

Mixed developments in mature regions, softening in emerging markets

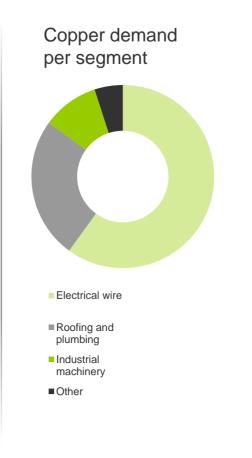


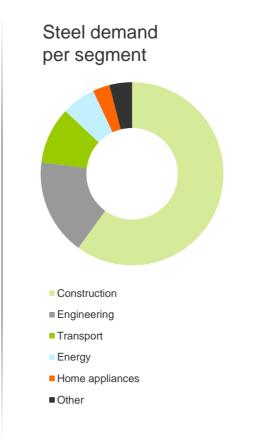


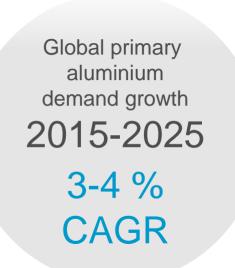
Aluminium's many qualities support robust long-term demand growth

Highly versatile material with wide range of applications and end-user benefits









Source: CRU, Global Insight



Aluminium continues to win ground in automotive

Hydro continues developing solutions to accelerate substitution trend

















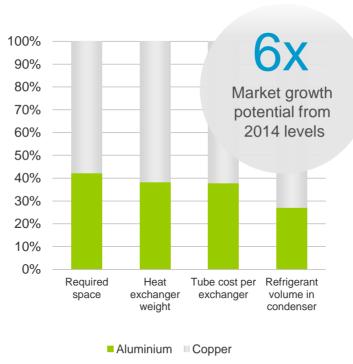
Aluminium also gaining market share from copper

Price competitive with copper on a volume conductivity equivalent basis

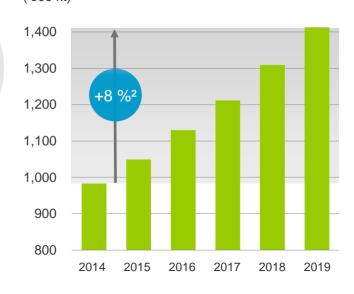
Further potential to substitute copper with aluminium in automotive cables



Aluminium shows clear advantages within HVAC & R vs copper



Strong potential within long-distance transmission lines in emerging markets



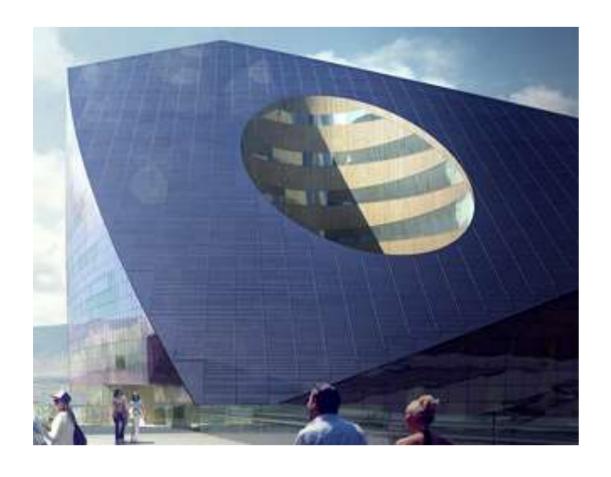
Aluminium demand in electrical segment in India



¹⁾Based on 25 kg of copper cabling in a car, and replacing this all with aluminium. 2)Cumulative annual growth rate Source: CRU; Sapa analysis

Aluminium is a key enabler for sustainable buildings

Growth supported by energy-efficiency legislation



Energy-efficiency legislation supports aluminium

Buildings account for ~ 40% of energy consumption worldwide, triggering response from the legislators





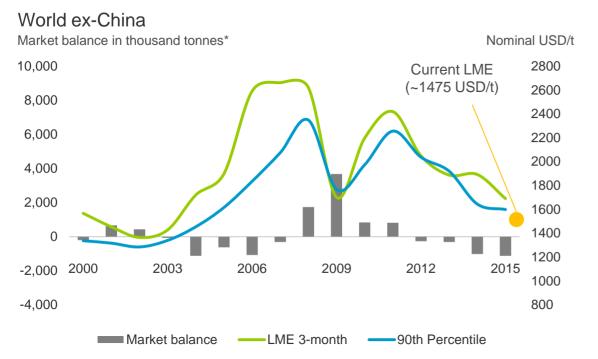
Benefits of aluminium in buildings

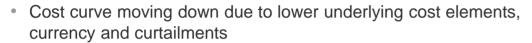
- · Light weight contributes to efficient use of materials
- Design flexibility and formability enable optimized building shapes
- High light reflectivity, electrical and thermal conductivity support overall energy-efficiency
- Recyclability reduces energy consumption from a lifecycle perspective
- Suitable for indoor and outdoor use: corrosion resistant, durable, low maintenance, safe and non-toxic

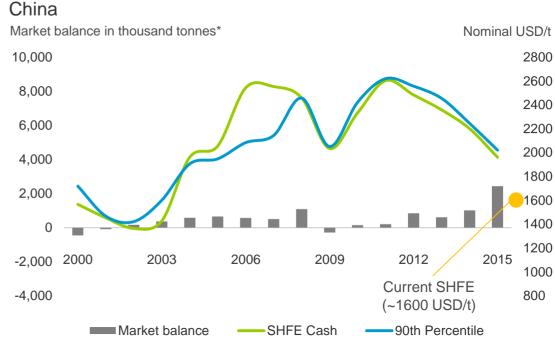


Aluminium price falls on global oversupply and lower cost curve

Disrupting the strong correlation between LME and 90th percentile smelters





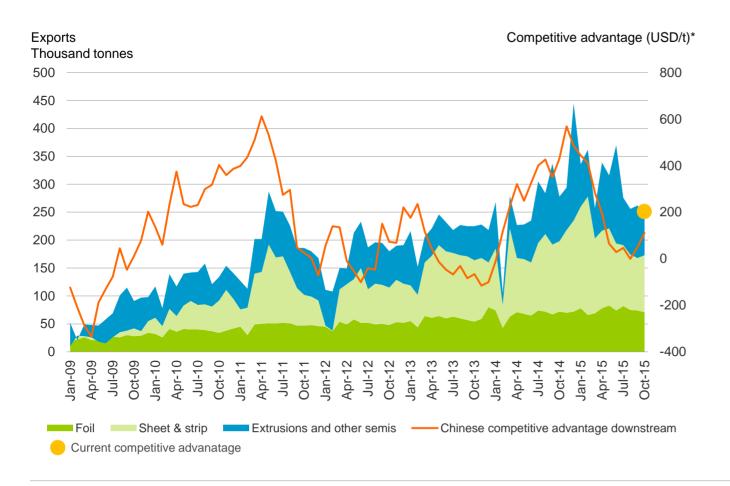


- SHFE price falls into unchartered territory
- At present, a large share of primary smelters cash negative
- Closures have been announced, still overcapacity



Chinese semis exports close the supply gap in the rest of the world

Driven by arbitrage opportunities and domestic oversupply



- Growth in net semis exports over the last year amid relatively higher all-in prices outside China
- Facilitated by 13-15% VAT rebate on downstream products
- Removal of 15% export tax on some simple product categories
- Some semis exported for remelt
- Moderating export levels during last months on the back of reduced arbitrage opportunity

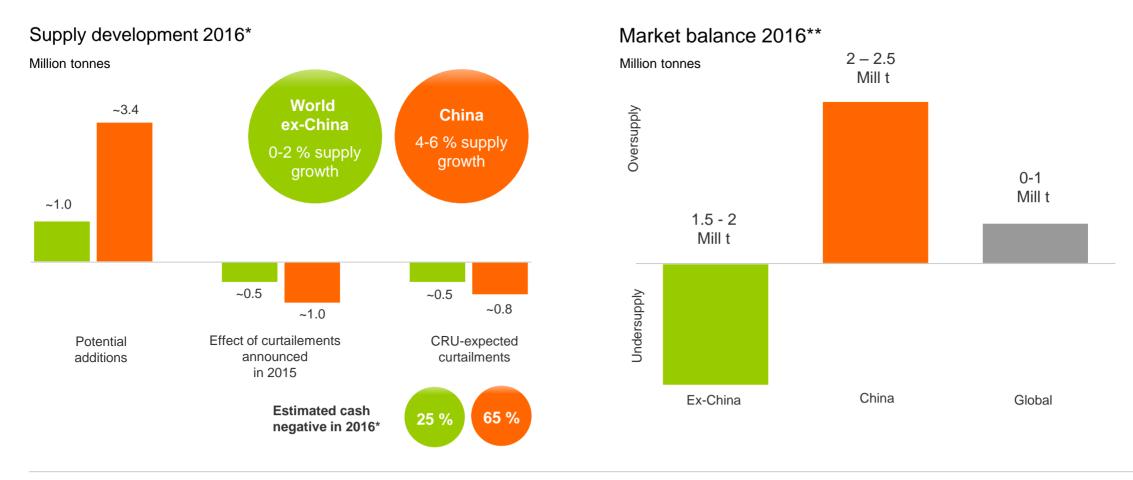


Europe: LME cash + European duty-paid standard ingot premium China: SHFE cash + avg. local premium + freight – export rebates (~13 %)



2016 to remain oversupplied due to capacity additions

But expected to moderate as a result of curtailments and slower supply growth of 2-4% globally



Source: CRU, Hydro Analysis



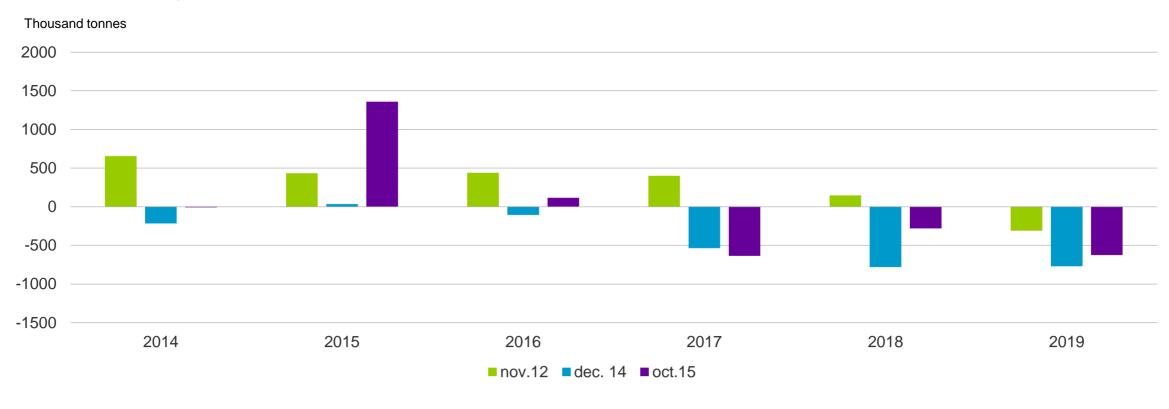
^{*}Based on CRU BoC curve 2016 and CRU price assumptions of LME 3m at 1500 USD/t and SHFE at 10.300 RMB/t

^{**}Includes CRU's expected curtailments

Potential return to global undersupply expected in 2017

External analysts expect rebalancing in around a year

CRU estimates of global primary metal balances at different points in time*

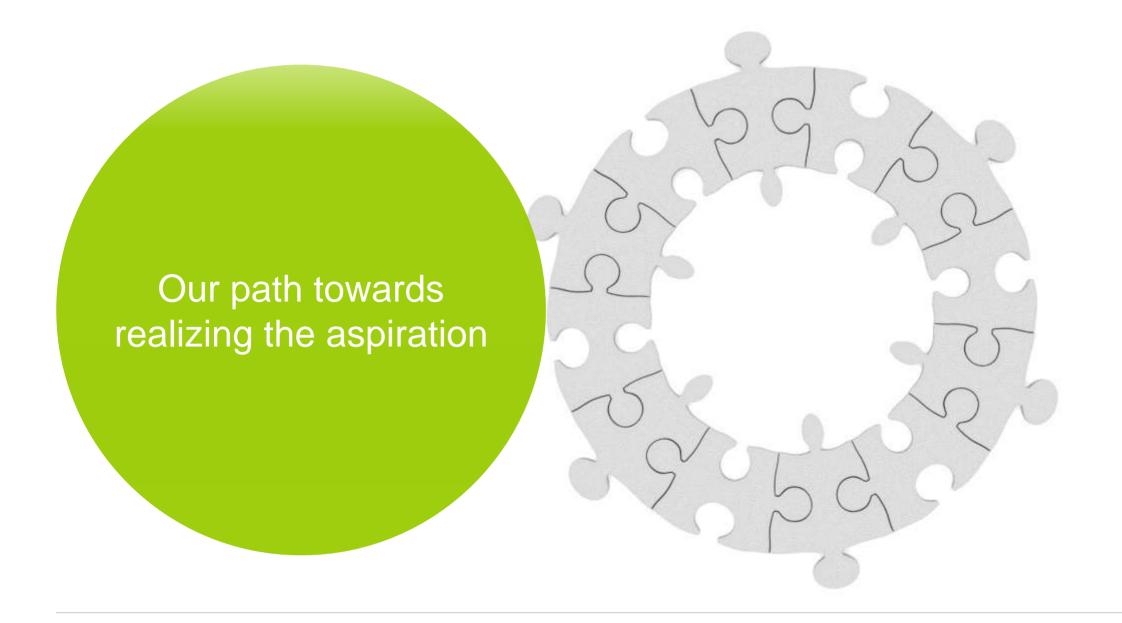




^{*} CRU unallocated curtailments: 2016 1.3 million tonnes, 2017 2.5 million tonnes, 2018 1.2 million tonnes, 2019 0.5 million tonnes



^{*} CRU expected additions: 2016 3.2 million tonnes, 2017 2.8 million tonnes, 2018 2.3 million tonnes





Attractively positioned world-class assets with global reach

Now in a first-quartile position on the industry cost curve



^{*} Outside China

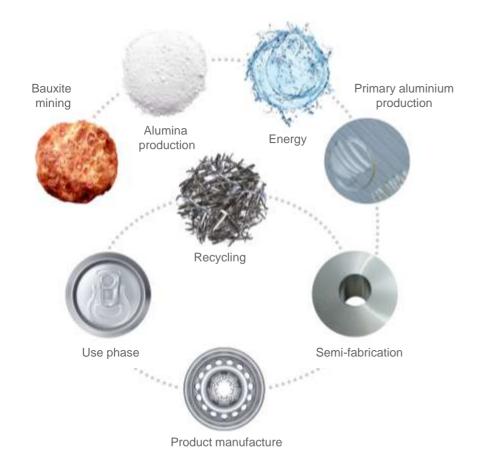


^{**} Primary Foundry Alloys

^{***} Sapa JV

Harvesting the benefits of integration

Combining dedicated business models in each area within an overall company framework



Risk and opportunity management

- Diversification and multi-cycle exposure
- Wide range of growth opportunities

Improvements drive

- Industry-leading performance culture
- Best-practice sharing and crossdiscipline learning
- Synergies in overhead cost

Technology and innovation

- Efficiency, competence and products development
- Step-change innovations and spin-off effects

Customers and market intelligence

- Local partnerships and global reach
- Market insight and feedback

Corporate responsibility

- Benchmark safety performance
- Life-cycle carbon-neutral by 2020 ambition
- Unified responsible practices in every step of the value chain

The Hydro brand

- Stronger voice on framework conditions
- Reliable and trustworthy customer, supplier and business partner
- Attractive employer worldwide



Continuing to shape the industry's strongest improvement culture



Bauxite & Alumina

- 'From B to A' delivered¹ BNOK 1 in cost and efficiency gains
- Paragominas production lifted above nameplate capacity
- Alunorte production stabilized
- Strong commercial performance:
- 35% of alumina sold on PAX in 20152
- Value-in-use bauxite pricing



Primary Aluminium

- USD 300/t improvements completed in 2013 in fully-owned smelters
- Additional USD 100/t¹ realized
- USD 140/t delivered¹ by 2015 in JV program
- Technology driven incremental capacity increase of ~ 20 kt¹ in 2015



Rolled Products

- 'Climb' improved efficiency by MNOK 800 1 year ahead of plan¹
- High-grading to lift margins:
- Increasing BIW capacity to 200 kt³
- Added >40 kt of UBC4 recycling
- Divested the non-core Slim plant



- Socured long tor
- Secured long-term sourcing of 4.1 TWh/yr in Norway and 2.6 TWh/yr outside Norway
- Lifted normal hydropower production to 10 TWh per year



¹⁾ Based on status start of December

²⁾ Based on sourcing volume of ~ 2.7 million tonnes per year

³⁾ Refers to nominal capacity

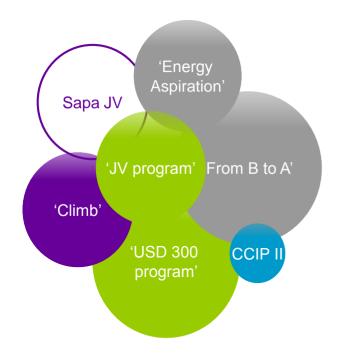
⁴⁾ Used beverage can

Making continuous improvements a Hydro trademark

Proven track-record of productivity gains

Hydro's improvement drive until 2014

Total improvements 2011-2014: BNOK 3.71



Hydro's mid-term improvement target

Launched at Hydro's CMD 2014



Hydro's new improvement ambition

Total improvements of BNOK 2.9 from 2016-2019³





¹⁾ Includes USD 300 from 2009-2011

²⁾ Based on status start of December

³⁾ Includes some larger investments of 3.2 billion NOK in 2015-2019: AL3 and UBC in Rolled Products, 100+100kt capacity creep in Primary Metal, Alunorte debottlenecking in B&A.

⁴⁾ Real 2015 terms

Stepping up improvements throughout the value chain





^{*} Includes some larger investments of 3.2 billion NOK in 2015-2019: AL3 and UBC in Rolled Products, 100+100kt capacity creep in Primary Metal, Alunorte debottlenecking in B&A

Extending the technology and innovation lead

Key to maintain and further improve Hydro's competitive position









Bauxite & Alumina

- Debottlenecking to go beyond nameplate capacity in Paragominas to 11 mill t/y and Alunorte up to 6,6 mill t/y
- Developing technology for utilization of residual bauxite
- Enhanced precipitation process control for improved quality and output

Primary Metal

- Testing aluminium production technology with world's lowest energy consumption of 11.5-11.8 KWh/kg
- Use technology development to create spin-off effects for existing capacity
- AFM technology to capture high-tech market auto segments in automotive
- Recycling strategy supported by worldleading sorting technology*

Rolled Products

- Automotive line 3 to lift Body-in-White capacity to 200,000 t/yr**
- State-of-the-art UBC recycling line
- Utilize leading technology competence to exceed customer expectations, e.g. step-change innovation in foil (HyFoil)
- De-bottlecking of Alunorf hot-rolling mill

Technology approach

- Hydro's technology strategy encompasses entire value chain from bauxite to recycling
- Gradual approach to ensure full stability at existing level ahead of step-change developments



^{*} Acquired WMR Recycling GmbH

^{**} Refers to nominal capacity

Establishing a new efficiency standard with the Karmøy technology pilot

With spin-off effects for the entire portfolio

Next-generation technology

R&D as the next step in cost optimization

Testing the world's most energy-efficient and climate-friendly smelter technology

Significant spin-off effects to raise production and reduce costs in current assets

Potential build decision expected in H1 2016*





^{*} Build decision contingent upon power solution for the Norwegian smelter portfolio as well as market balance and outlook

Attractive commercial positions throughout the value chain

Building on strong in-house commercial competence





^{*} Including production at stand-alone remelters

Utilizing moderate power prices to improve on cost and predictability

Recent long-term sourcing contracts in Norway, Germany and Canada

New power contracts in Norway 2014

Agder Energi	1,0 TWh/yr	2021-2030
Lyse	0,7 TWh/yr	2021-2030
Ахро	0,5 TWh/yr	2021-2030
Agder Energi	0,5 TWh/yr	2021-2030

New power contracts in Norway 2015

Lyse	0,33 TWh/yr	2031-2040
Axpo	0,25 TWh/yr	2021-2030
Eidsiva	0,30 TWh/yr	2021-2030
ВКК	0,5 TWh/yr	2021-2030

New power contracts outside Norway 2015

Axpo / Germany	0,9 TWh/yr	2018-2025
Hydro Quebec / Canada (Alouette)	1,7 TWh/yr*	2017-2029





^{*} Hydro's share

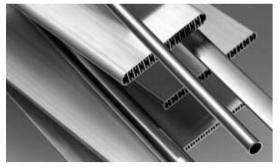
Strong improvement trend in Sapa

sapa:

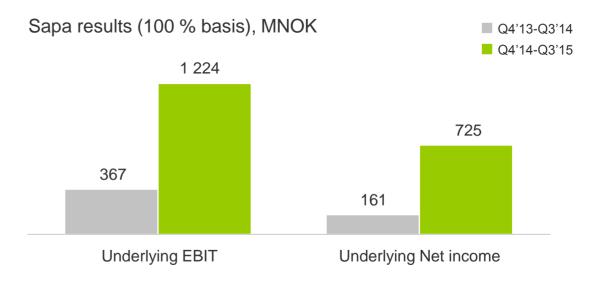
More applications and quality-focused customers











- Strong demand in North America, stable in Europe
- BNOK 1 in synergy gains to be delivered ahead of plan
- Positive currency effects



Strengthening relative industry position with ambitious targets





Managing industry cyclicality through a prudent financial framework

Operating and commercial excellence

Cost improvements:

- 3,7 BNOK 2011-2014*
- 0,8 BNOK 2015
- 2,9 BNOK 2016 -2019

Financial strength and flexibility

Investment grade credit rating:

- > BBB Stable
- Funds from operations/Net adjusted Debt > 40%
- Net adjusted Debt/Equity < 55%

Disciplined capital allocation

- Long-term sustaining capex 3.5-4 BNOK per year. Below depreciation
- Total capex:
 - 2015 BNOK 5.8
 - 2016 BNOK 8,6

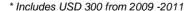
Reliable shareholder remuneration policy

Revised dividend policy:

- Current dividend
 1 NOK/share
- 40% payout ratio over the cycle

Effective risk management

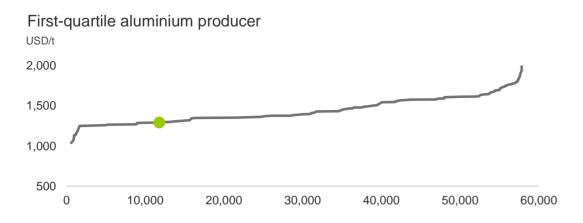
- Strong balance sheet
- Improving relative position
- Diversified business

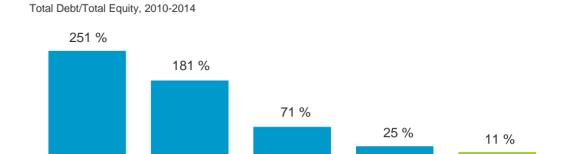


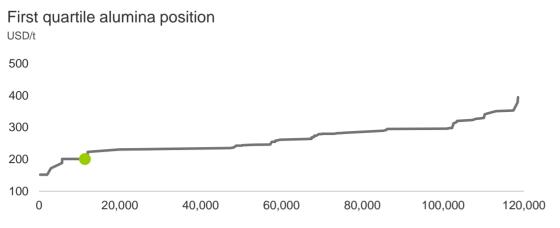


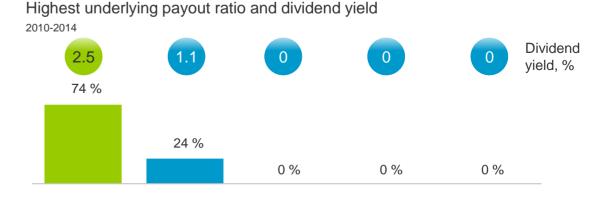
Leading performance compared to aluminium peers

Strong relative position drives value-creation in challenging markets









Source: ThomsonOne, CRU, company filings
Total debt/Total Equity= (Long Term Debt + Short Term Debt & Current Portion of Long
Term Debt) /Equity attributable to shareholders
Dividend yield = Dividend Per Share / Market Price at Year End
Underlying dividend payout ratio = Dividend Per Share / Underlying Earnings Per Share

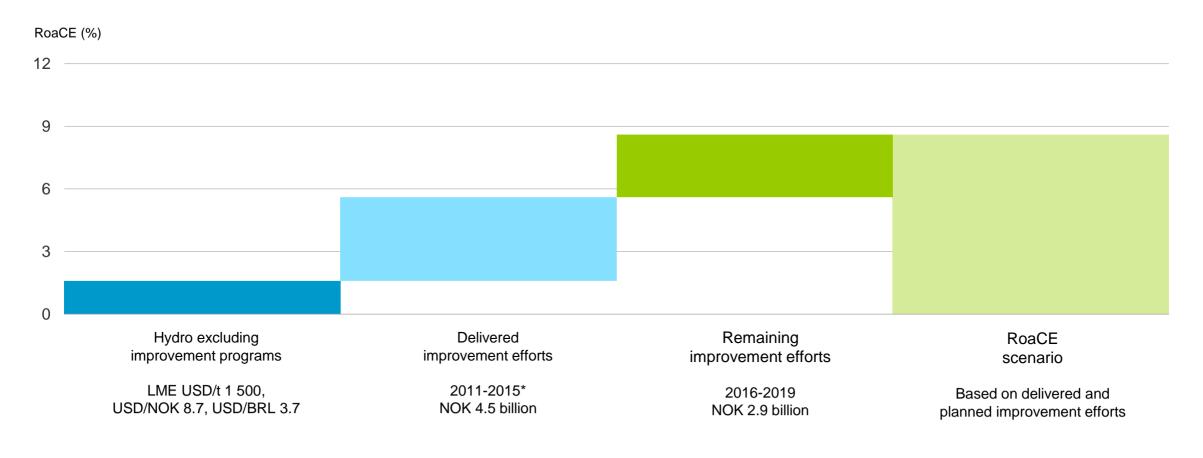


Strongest balance sheet.



Hydro's roadmap towards sustainable profitability

Solid contribution from improvement efforts and currency tailwinds compensate for lower prices





Ambitious mid-term strategic goals within the Hydro aspiration

	Ambitions	Target	Timeframe
Better	 Improve safety performance, strive for injury free environment Deliver on Better improvement ambition Secure new competitive sourcing contracts in Norway post 2020 Lift Paragominas production Lift Alunorte production Shift alumina sales to PAX-based pricing Extend technology lead with Karmøy technology pilot 	TRI<2 BNOK 2.9 4-6 TWh 11 mill mt/yr 6.6 mill mt/yr > 85% PAX* Build decision	2020 2019 2020 2018 2018 2020 2016
Bigger	 Realize technology-driven smelter capacity creep Lift equity bauxite production Expand BiW capacity Ramp up UBC line to full capacity 	200,000 mt/yr 19 mill mt/yr** 200,000 mt/yr*** >40 000 mt/yr	2025 Long-term 2017 2017
Greener	 Become carbon-neutral from a life-cycle perspective Increase recycling of post-consumed scrap Deliver of reforestation ambition 	Zero >250,000 mt/yr 1:1	2020 2020 2017



 $^{^{\}star}$ Based on sourcing volume of ~ 2.3 million tonnes per annum

^{**} Provided the acquisition of the 40% stake in MRN from Vale

^{***} Refers to nominal capacity



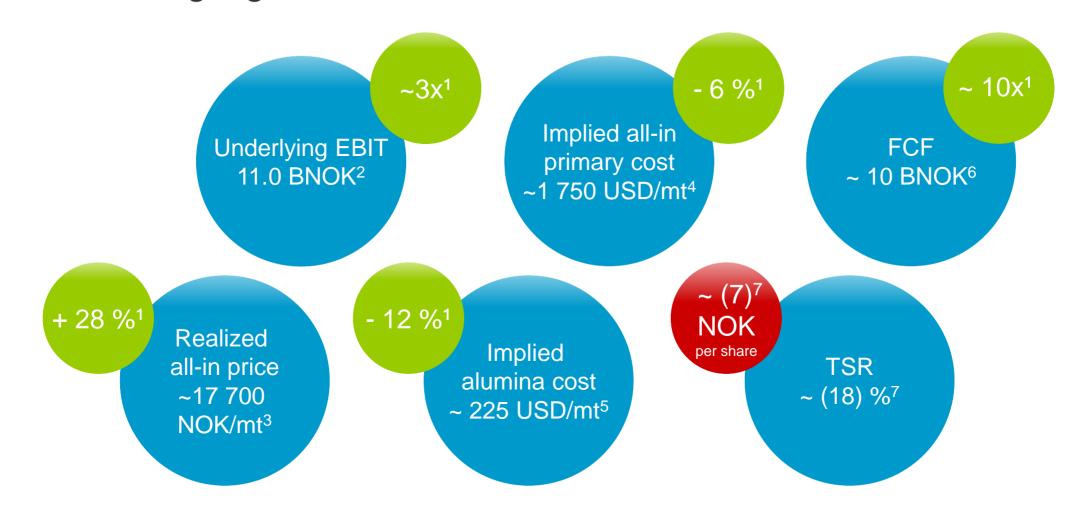
Finance

Financial strength through relative positioning and balanced capital allocation

Eivind Kallevik
Capital Markets Day 2015



Financial highlights



¹⁾ Q4 2014 - Q3 2015 compared to Q4 2013 - Q3 2014



²⁾ Underlying EBIT. Sum 12 months rolling Q4 2014 - Q3 2015

^{3) (}Realized aluminium price + realized premium above LME)*realized USD/NOK. Average 12 months rolling Q4 2014 - Q3 2015

⁴⁾ Realized all-in price minus Underlying EBITDA margin (incl. Qatalum) per mt primary aluminium sold. Includes net earnings from primary casthouses. Average 12 months rolling Q4 2014 – Q3 2015

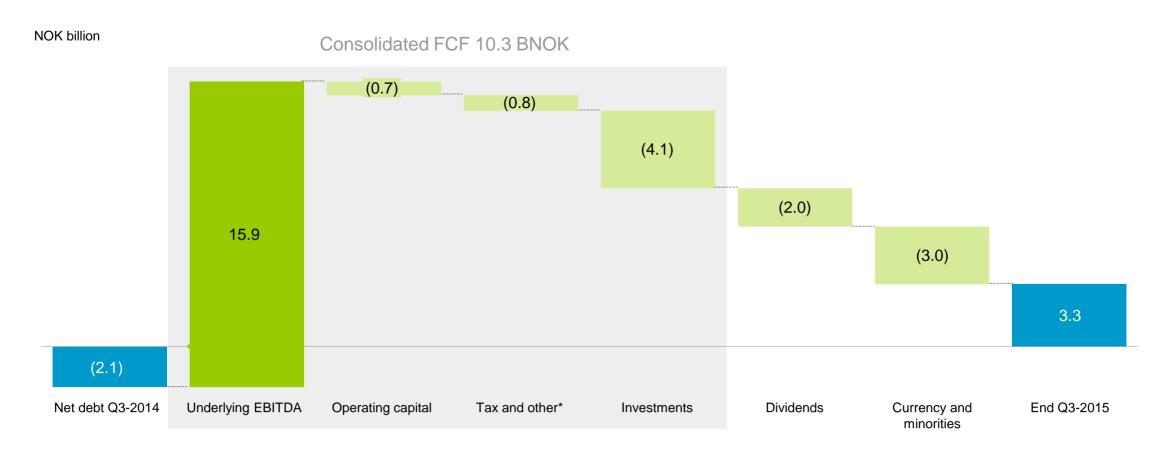
⁵⁾ Realized alumina price minus underlying EBITDA for B&A, per mt alumina sales. Average 12 months rolling Q4 2014 – Q3 2015

⁶⁾ Free cash flow (consolidated) = Net cash flow from operations - investments. Sum 12 months rolling Q4 2014 - Q3 2015

⁷⁾ Hydro share priced development + dividend paid. End Q3-2014 - end Q3-2015

Robust free cash flow generation and net cash position

At realized all-in price of ~2 400 USD/mt



^{*} Including ~1.5 BNOK in VAT reimbursement in Brazil



Prudent financial framework

Relative positioning and reliable dividend in cyclical industry

Operating and commercial excellence

Improving efficiency, strengthening margins

Improvement efforts

- 3.7 BNOK 2011-2014 ¹⁾
- 0.8 BNOK 2015
- 2.9 BNOK 2016-2019

Managing working capital

Financial strength and flexibility

Investment grade credit rating

> BBB Stable

Financial ratio targets over the cycle

- FFO/NaD ²⁾ > 40%
- NaD/E ³⁾ < 55%

Strong liquidity

Disciplined capital allocation

Long-term sustaining capex below depreciation

3.5-4.0 BNOK per year

Total capex incl. growth

- 2015 BNOK 5.8
- 2016 BNOK 8.6⁴⁾
- Average 2016-2018 BNOK 6.6 ⁴⁾

Attractive organic growth prospects for the future

M&A optionality

Reliable shareholder remuneration policy

Sector competitive TSR

Revised dividend policy

- Dividend 1 NOK/share
- 40% payout ratio of Net Income over the cycle

Special dividends and share buybacks in the toolbox

Effective risk management

Volatility mitigated by strong balance sheet and relative positioning

Hedging policy

- Operational LME and currency hedging
- Limited financial hedging
- Long-term debt in USD

Diversified business



¹⁾ USD 300 program from 2009

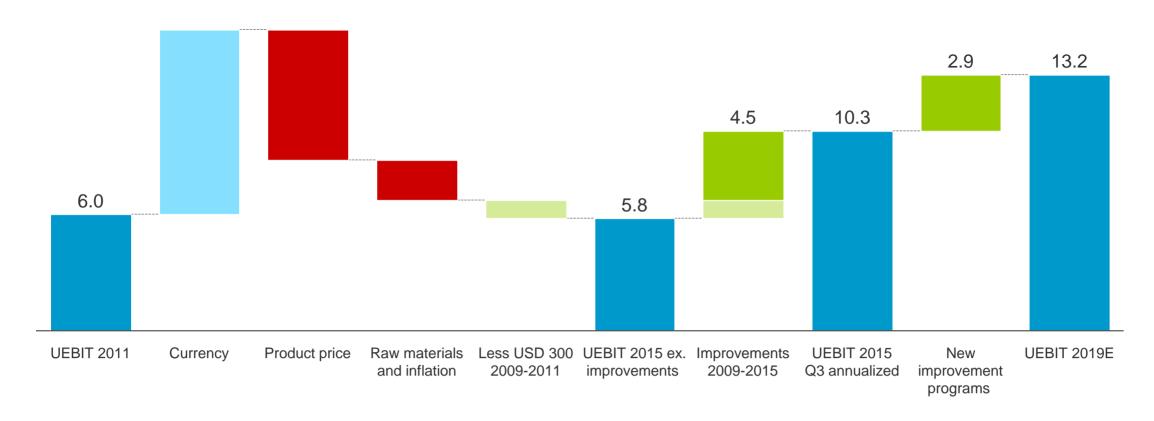
²⁾ Funds from operations / net adjusted debt

³⁾ Net adjusted debt / Equity

⁴⁾ With Karmøy Technology Pilot gross investment, before ENOVA support

Lifting earnings potential with industry-leading improvement ambitions

NOK billion



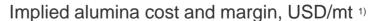


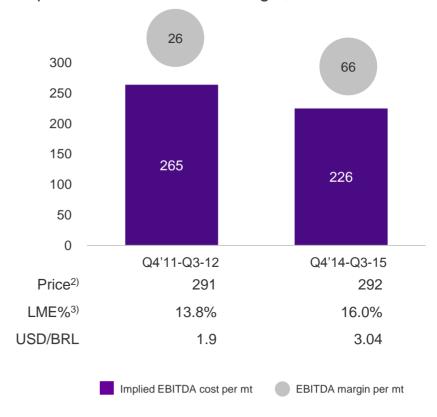
Structurally improved cost position

Productivity gains supported by currency









LME Implied EBITDA cost per mt All-in EBITDA margin per mt

All-in Implied EBITDA cost per mt



 $^{1) \} Realized \ all-in \ aluminium \ price \ minus \ underlying \ EBITDA \ margin, including \ Qatalum, per \ mt \ aluminium \ sold$

²⁾ Realized LME aluminium price minus underlying EBITDA margin, including Qatalum, per mt primary aluminium produced

³⁾ Realized LME plus realized premiums, including Qatalum

⁴⁾ Realized LME, including Qatalum

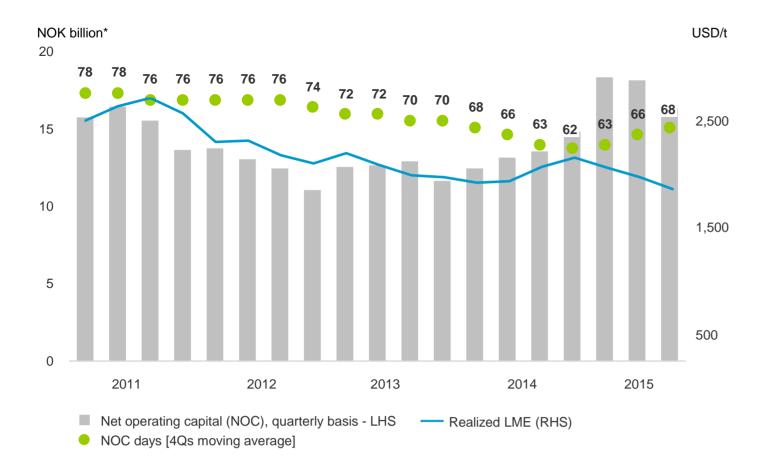
¹⁾ Realized alumina price minus underlying EBITDA for B&A, per mt alumina sales

²⁾ Realized alumina price

³⁾ Realized alumina price as % of three month LME price with one month lag

Optimizing working capital remains key priority

Release in Q3 following the above-average build-up earlier in the year



- Net operating capital generally moves with LME development
- Inventory build-up start of 2015
 - Intensified business activity on the back of tighter markets and higher all-in prices in 2014
 - Replaced by supply overhang and subsequent collapse in premiums in early 2015
- NOC release in Q3-15 driven by
 - Lower all-in prices
 - Inventory reductions in Rolled Products and Primary Metal
- Falling LME indicates potential for further NOC release



^{*} Pro-forma, excluding extruded products for Q1 2011 – Q3 2013 LHS = left hand side. RHS = right hand side

Driving long-term shareholder value

Balancing capital allocation and financial strength

Solid balance sheet and liquidity

Maintain financial flexibility
Enable access to capital markets
Navigate through the cycles
Manage business risks
Act on opportunities

Essential capex

Sustaining capex ensures operational excellence

Investments to keep market share, reduce costs strengthen margins

Reliable and predictable dividend

Deliver competitive cash returns to shareholders

Long-term shareholder value

 Reinvest in profitable growth

or

 Return to shareholders

Allocation based on best risk-adjusted returns

Share
Buybacks/
special
dividends

M&A

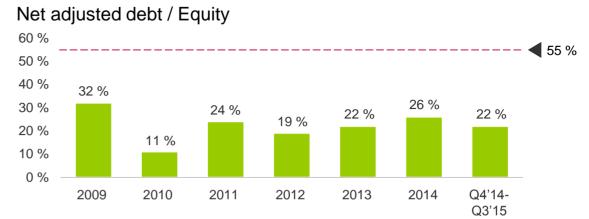
Organic growth



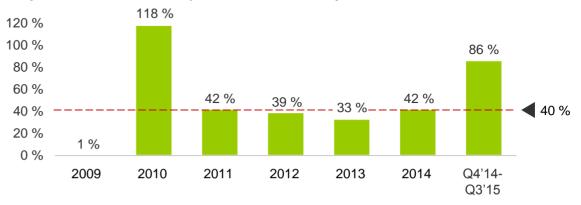
Maintain investment-grade credit rating

Funds from operations determine the balance sheet structure

- Maintain investment-grade rating
 - At least BBB Stable
 - Currently: BBB (S&P), Baa2 (Moody's), both with stable outlook
- Financial ratio ambitions over business cycle
 - Adjusted funds from operations to net adjusted debt > 40%
 - Net adjusted debt to equity < 55%
- Strong liquidity
 - NOK 9.4 billion in cash and cash equivalents by end-Q3 2015
 - USD 1.7 billion credit facility with maturity 2020, currently undrawn



Adjusted funds from operations / Net adjusted debt

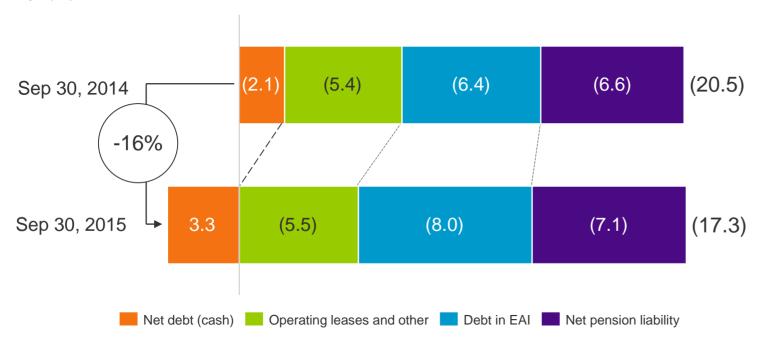




Maintain a solid balance sheet

Net adjusted debt reduced on higher cash position

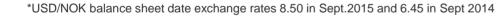
NOK billion



 Increase in Qatalum and Sapa net debt mainly driven by weaker NOK

MNOK*	Sep. 2015	Sep. 2014
Sapa (50%)	1 250	860
Qatalum (50%)	6 770	5 490

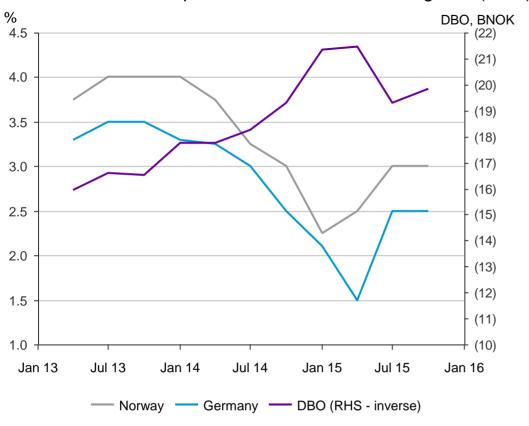
 Increase in net pension liability due to lower discount rates and a weaker NOK





Pension obligations increase with falling discount rates

Discount rates development vs Defined benefit obligation (DBO)**



Defined benefit obligation sensitivity to 0.5 pp change in discount rates*

BNOK		Norway				
Germany	%	2.00	2.50	3.00	3.50	4.00
	1.50	(22,8)	(22,0)	(21,2)	(20,6)	(20,0)
	2.00	(22,1)	(21,3)	(20,6)	(19,9)	(19,3)
	2.50	(21,5)	(20,6)	(19,9)	(19,2)	(18,6)
	3.00	(20,8)	(20,0)	(19,2)	(18,6)	(18,0)
	3.50	(20,1)	(19,3)	(18,5)	(17,9)	(17,3)

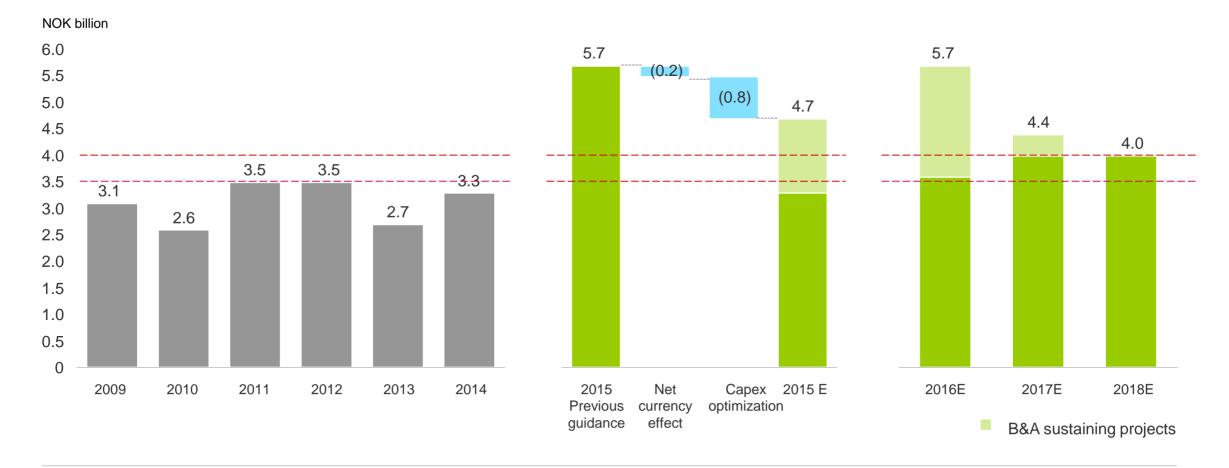
^{**} Norwegian discount rates are based on the covered bond market as reference, German discount rates are based on the yields of high quality corporate bonds. Maturity of the bonds shall be consistent with the estimated term of the pension obligations.



^{*}Sensitivities show the effects of 0.5 percentage point change in discount rates while keeping the other assumptions unchanged, e.g. salary and pension expectations, and the mortality basis. DBO in Germany is subject to a translation effect from changes in EUR/NOK exchange rate. EUR/NOK rate of 9.5 as of Sept 30, 2015 used as a basis.

Long-term sustaining capex NOK 3.5 - 4 billion

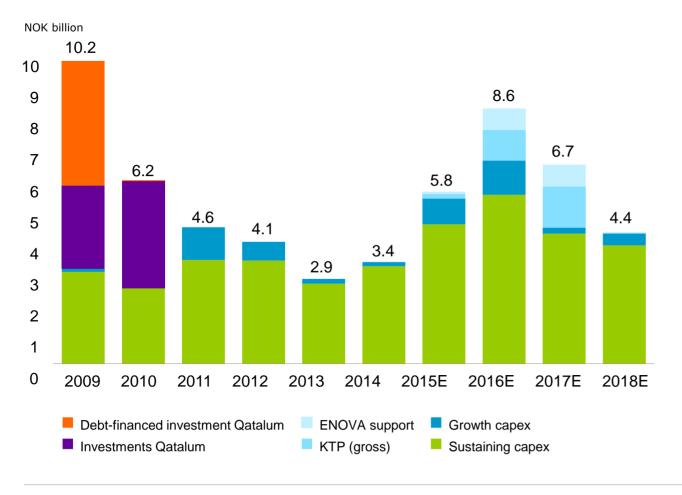
Higher than average sustaining capex driven by long-life investments in Brazil





Majority of sustaining capex allocated upstream

High-grading and technology growth investments

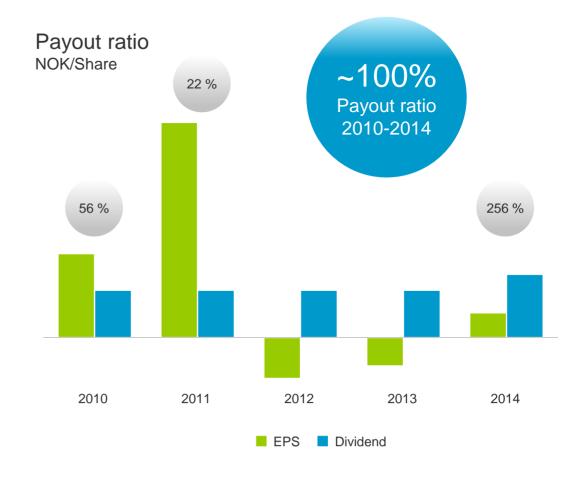


- Sustaining projects for 2014-2016:
 - Red mud disposal area
 - Bauxite tailing dam
 - Smelter relining
 - Energy rehabilitation
- Ongoing organic growth projects:
 - RP Automotive line
 - RP UBC recycling line
 - Clervaux recycling upgrade
 - Alunorf debottlenecking
 - Energy projects
 - AFM technology
- WMR technology acquisition in 2015
- Karmøy technology pilot (KTP) 2015-2018*:
 - Gross investment 3.9 BNOK
 - Of which ENOVA support 1.5 BNOK



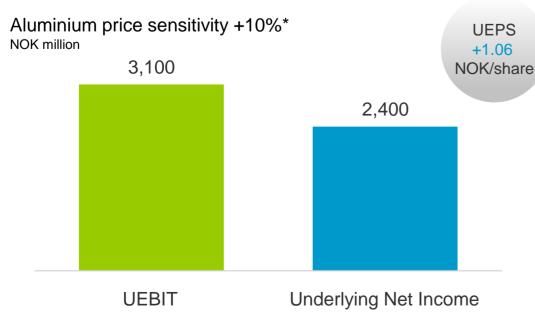
Aiming for stable and competitive cash return to shareholders

- Revised dividend policy at the start of 2015
 - 40% of net income over the cycle
 - Average 2010-2014 payout ratio of ~100% reflects weak earnings in the period
- Committed to a stable and reliable dividend level
 - Current dividend 1 NOK/share since 2014
- Share buybacks and extraordinary dividends considered when liquidity position, capital structure and earnings outlook allow





Significant exposure to commodity and currency fluctuations



Aluminium price sensitivity +100 USD/mt:

- UEBIT 1 820 MNOK
- UNI 1 400 MNOK
- UEPS +0.62 NOK/share

Currency sensitivities +10%*

Sustainable effect:

NOK million	USD	BRL	EUR
UEBIT	2 830	(930)	(270)
UEPS	0.92	(0.29)	(0.09)

One-off reevaluation effect:

Financial items	(990)	500	(1 760)
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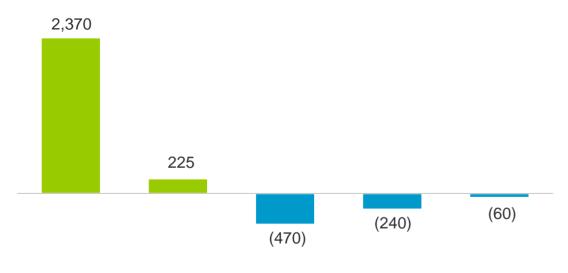
- Annual sensitivities based on normal annual business volumes, LME USD 1 700 per mt, fuel oil USD 360 per mt, petroleum coke USD 350 per mt, caustic soda USD 275 per mt, coal USD 50 per mt, USD/NOK 8.20, BRL/NOK 2.30, EUR/NOK 9.10
- Aluminium price sensitivity is net of aluminium price indexed costs and excluding unrealized effects related to operational hedging
- BRL sensitivity calculated on a long-term basis with fuel oil assumed in USD. In the short-term, fuel oil is BRL-denominated
- Excludes effects of priced contracts in currencies different from underlying currency exposure (transaction exposure)
- · Currency sensitivity on financial items includes effects from intercompany positions
- 2016 Platts alumina index (PAX) exposure used



^{*} Excluding Sapa JV

Primary Metal sensitivities

Annual sensitivities on underlying EBIT if +10% in price NOK million



Aluminium	Standard ingot premium	Realized PAX*	Petroleum coke	Pitch
USD 1 700	USD 135	USD 310	USD 350	EUR 400
per mt	per mt**	per mt	per mt	per mt

Revenue impact

- Realized price lags LME spot by ~1-2 months
- Realized premium lags market premium by ~1-2 months

Cost impact

Alumina

- ~1.9 tonnes per tonne aluminium
- ~14.5% of 3-month LME price per tonne alumina, increasing volumes priced on Platts index
- ~Two months lag

Carbon

- ~0.35 tonnes petroleum coke per tonne aluminium,
 Pace Jacobs Consultancy, 2-3 year volume contracts, half yearly pricing
- ~0.08 tonnes pitch per tonne aluminium, CRU, 2-3 year volume contracts, quarterly pricing

Power

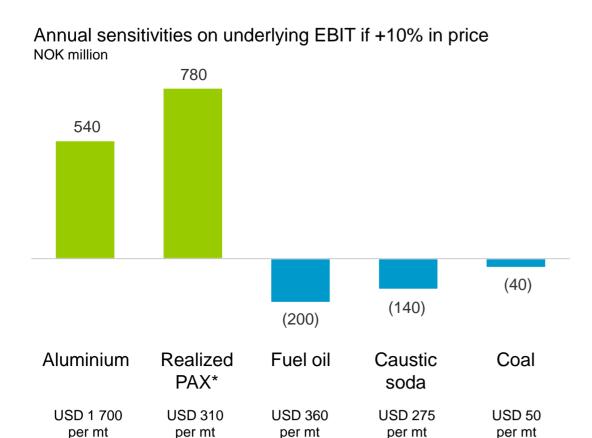
- 13.7 MWh per tonne aluminium
- Long-term power contracts with indexations



^{* 2016} Platts alumina index exposure

^{**} Europe duty paid. Hydro realized premium USD 342 per mt Currency rates used: USD/NOK 8.20, BRL/NOK 2.30, EUR/NOK 9.10

Bauxite & Alumina sensitivities



Revenue impact

- ~14.5% of 3-month LME price per tonne alumina
 - ~One month lag
- Realized alumina price lags PAX by one month

Cost impact

Bauxite

- ~2.45 tonnes bauxite per tonne alumina
- Pricing partly LME-linked for bauxite from MRN

Caustic soda

- ~0.1 tonnes per tonne alumina
- Prices based on IHS Chemical, pricing mainly monthly per shipment

Energy

- ~0.11 tonnes coal per tonne alumina, Platts prices, one year volume contracts, weekly per shipment pricing
- ~0.11 tonnes heavy fuel oil per tonne alumina, prices set by ANP/Petrobras in Brazil, weekly pricing (ANP) or anytime (Petrobras)
- Increased use of coal as energy source in Alunorte



^{* 2016} Platts alumina index exposure Currency rates used: USD/NOK 8.20, BRL/NOK 2.30, EUR/NOK 9.10

Limited financial hedging, flexible business model

- Volatility mitigated by strong balance sheet
- Improving relative position to ensure competitiveness
- Diversified business:
 - Upstream cyclicality balanced with more stable earnings downstream
 - Exposed to different markets and cycles
- Hedging policy:
 - Fluctuating with the market
 - Operational LME hedging in Primary Metal and Bauxite & Alumina
 - Operational LME and currency hedging in Rolled Products and Metal Markets to secure margins
 - Flexibility to hedge LME or currency in certain cases
 - Maintaining long-term debt in the revenue currency (USD)

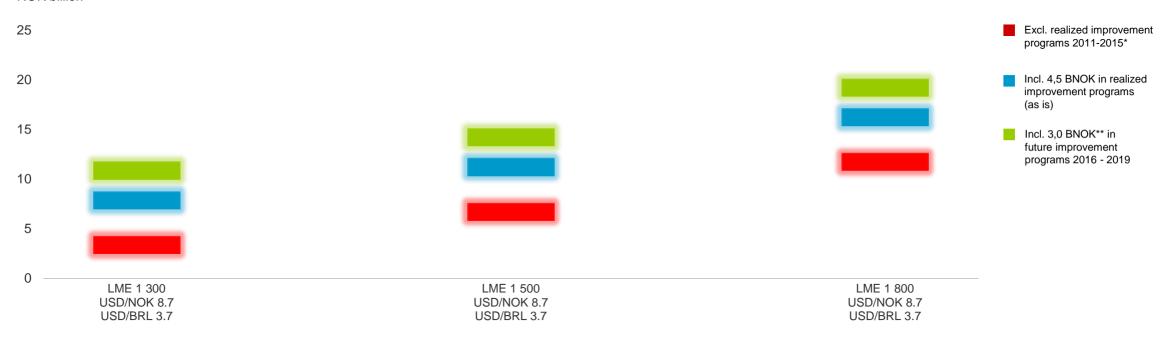




Improvement efforts lift EBITDA potential

Scenarios are not forecasts, but represent earnings potential based on sensitivities

Indicative EBITDA-range in 3 scenarios



Additional factors influencing earnings (not included in the scenarios):

Production volumes, alumina sales pricing on PAX, energy prices, downstream margin developments, raw material cost development, premiums, inflation, currency, other

Last 4 quarters underlying EBITDA as basis. Non-LME related revenues/cost and other currencies unchanged. Improvements used for scenarios exclude Sapa. Hydro realized premium above LME of ~ 275 USD/t.

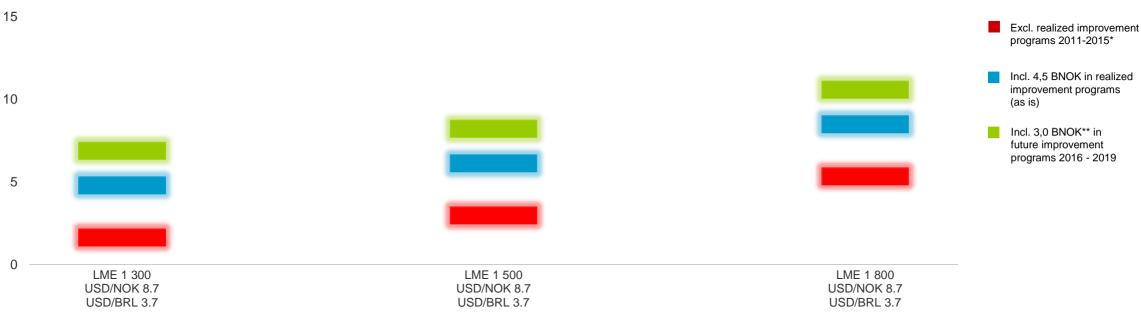


^{**} Future improvement efforts in real 2015 terms, before depreciation.

Improvement efforts and capital discipline contribute to FCF growth...

Scenarios are not forecasts, but represent earnings potential based on sensitivities

Indicative Free cash flow (FCF) range in 3 scenarios NOK billion



Additional factors influencing earnings (not included in the scenarios):

Production volumes, alumina sales pricing on PAX, energy prices, downstream margin developments, raw material cost development, premiums, inflation, currency, taxes, investments, interest expense, other

Last 4 quarters underlying EBITDA as basis. Non-LME related revenues/cost and other currencies unchanged. Improvements used for scenarios exclude Sapa. Hydro realized premium above LME of ~ 275 USD/t. Long-term capex 3.5 – 4.0 BNOK per year.

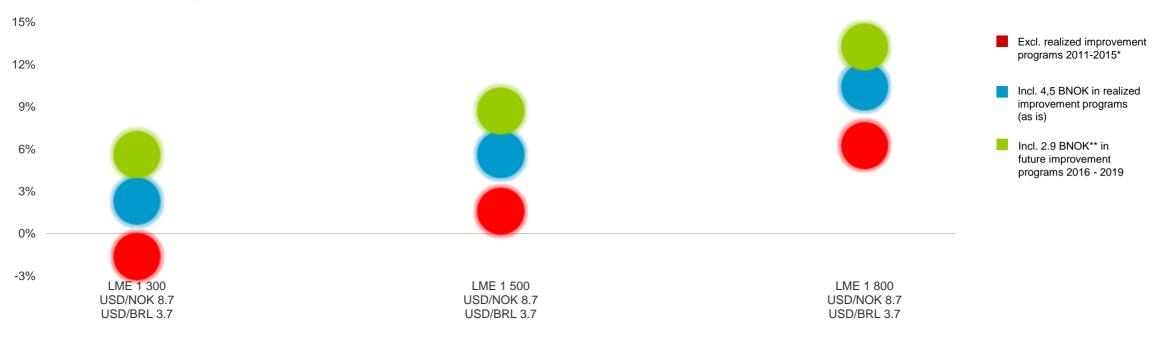


^{**} Future improvement efforts in real 2015 terms, before depreciation

...and lift potential for competitive returns

Scenarios are not forecasts, but represent earnings potential based on sensitivities

Indicative RoaCE range in 3 scenarios



Additional factors influencing earnings (not included in the scenarios):

Production volumes, alumina sales pricing on PAX, energy prices, downstream margin developments, raw material cost development, premiums, inflation, currency, taxes, interest expense, other

Last 4 quarters underlying EBITDA as basis. Non-LME related revenues/cost and other currencies unchanged. Improvements used for scenarios exclude Sapa. Hydro realized premium above LME of ~ 275 USD/t.

* USD 300 from 2009



^{**} Future improvement efforts in real 2015 terms, before depreciation

Hydro's aspiration underpinned by firm financial targets

Medium and long-term

Tribulatif and long tollin	Ambition	Timeframe	CMD 2015 update
Improvement programs	2.9 BNOK	2016-2019	4.5 BNOK 2009 - 2015E
Sustaining capex	3.5 - 4.0 BNOK	Over the cycle	4.7 BNOK 2015E
Average capex incl. growth	6.6 BNOK*	2016-2018	5.8 BNOK 2015E
Dividend payout ratio	40% of net income	Over the cycle	~100% 2010-2014
FFO/net adjusted debt	> 40%	Over the cycle	86% 4Q'14 – 3Q'15
Net adjusted debt/equity	< 55%	Over the cycle	22% 4Q'14 – 3Q'15
RoACE	Competitive**	Over the cycle	10.3% 4Q'14 – 3Q'15





^{*}With Karmøy Technology Pilot gross investment, before ENOVA support

^{**} Measured against a relevant peer group





Market outlook

Kathrine Fog

Capital Markets Day 2015



Agenda market outlook

- 1 Macroeconomic and downstream outlook
- 2 Primary metal market
- 3 Bauxite and alumina market
- 4 Long-term outlook





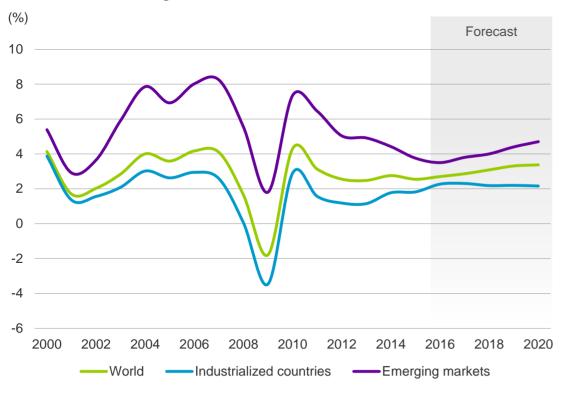




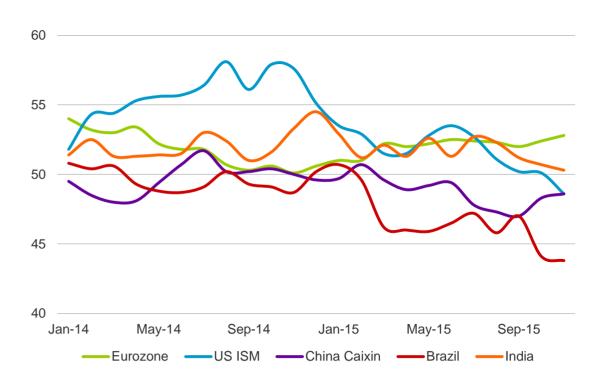
Macro outlook affected by emerging markets slowdown

Improving global economic growth medium term

Real GDP, annual growth



Manufacturing Purchasing Manager Indexes



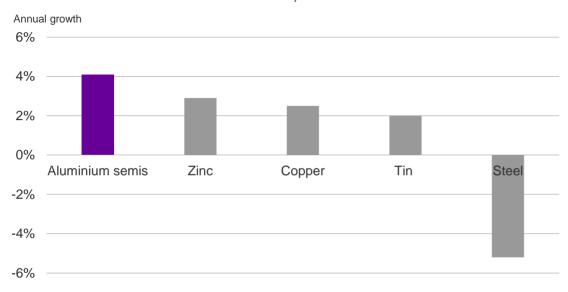




Aluminium demand holding firm despite macro economic volatility

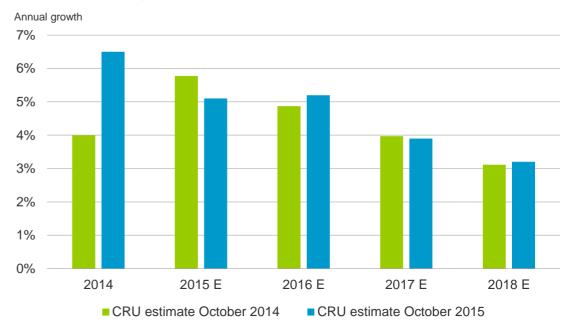
Both macro and substitution effects driving demand growth

Demand for selected base metals. China 2015



- Aluminium demand more diversified than other base metals
- Steel and copper more affected by construction market

Semis demand, North America



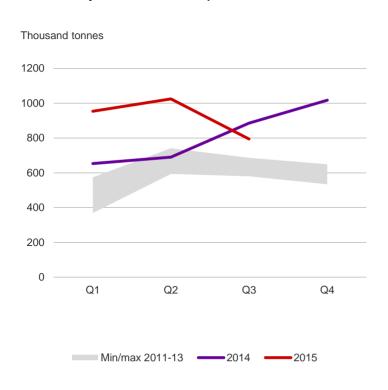
- Solid momentum in building & construction
- F-150 production lifting semis demand in transport
- Eurozone semis demand stable



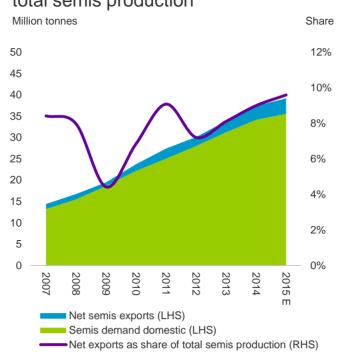
Increased Chinese semis exports over the last year driven by arbitrage

Largely stable development as share of total semis production

Quarterly net semis exports



Net semis exports as share of total semis production



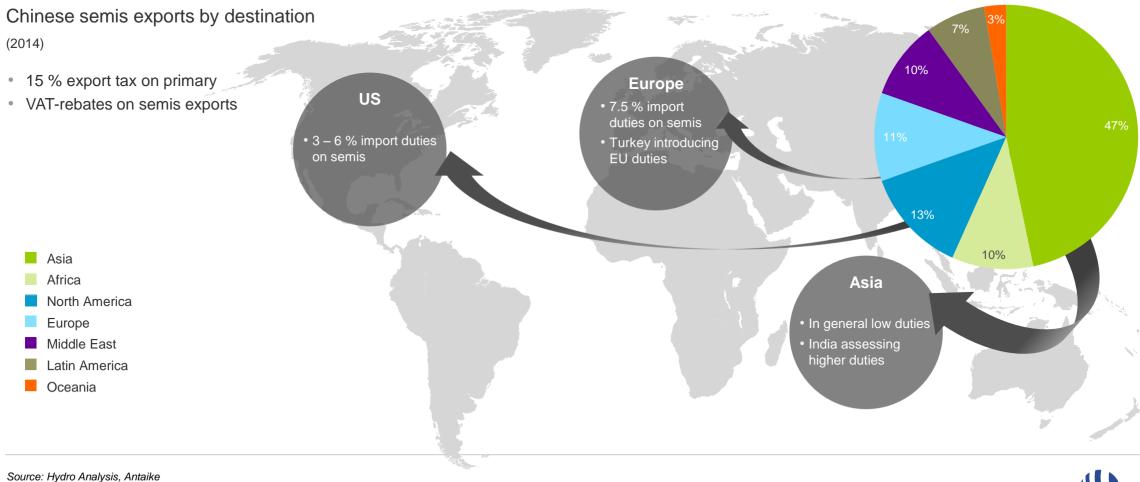
Comments

- Moderating export levels during last months on the back of reduced arbitrage opportunity
- Some semis exports regarded as semis for remelt
- Further shifts in Chinese surpluses and liquidity issues might increase export levels



Asia key region for Chinese semis exports

Trade regulations and duties impacting trade flows





Transport segment continues to drive demand for rolled products

Transport increasing its share of total rolled products demand

General rolled products demand, selected regions

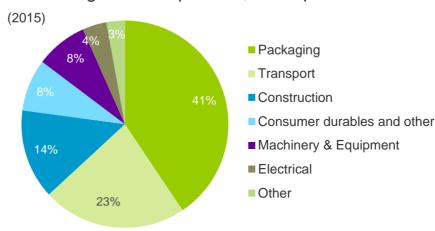
YoY-growth



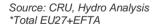
Expected market development

- Strong demand contribution from increased aluminium usage in transport segment
- Healthy growth expected in packaging segment driven by end-consumer packaging

Global segment composition, rolled products









Solid uptake in the US extrusion market

Gradual improvement expected in Europe

Extrusion demand, selected regions

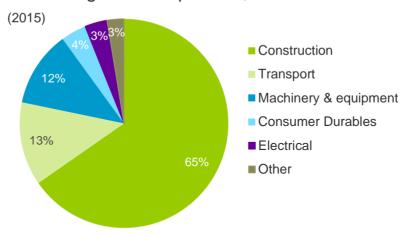
YoY-growth



Expected market development

- US housing market sustaining positive momentum
- Construction activity in peripheral Europe showing recovery signs, although from low levels
- Growth in transport segment

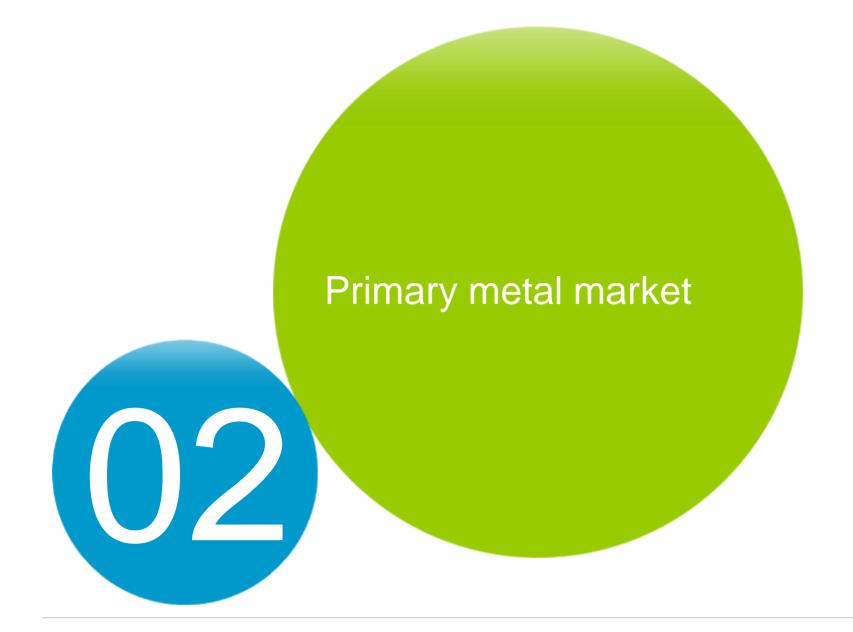
Global segment composition, extrusion







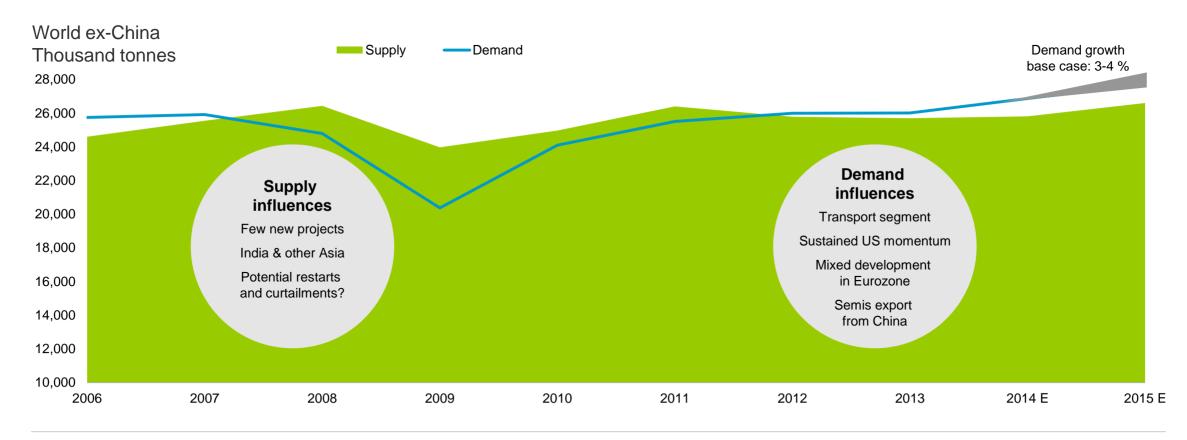






Recap Capital Markets Day 2014: Expectations for modest inventory decline also in 2015

Tight market balance continuing

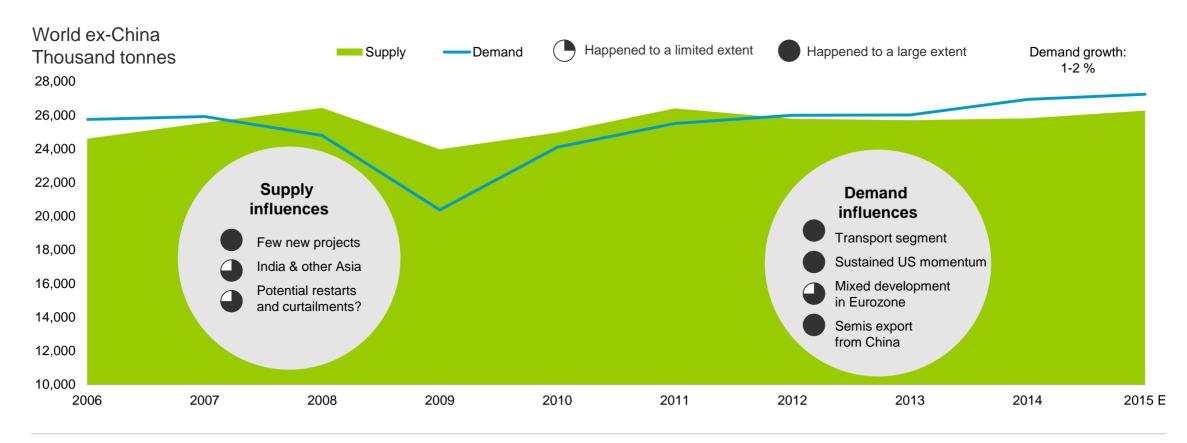


Source: CRU, Hydro Analysis



Market balance progressing largely in line with expectations

Weaker demand in some emerging markets, semis for remelt exports from China limiting market deficit

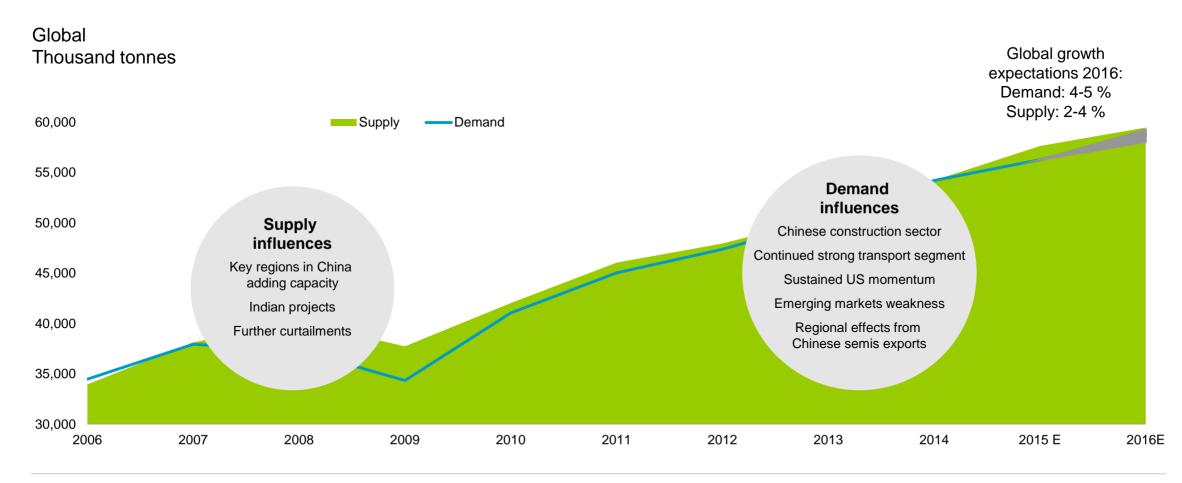


Source: CRU, Hydro Analysis



Global surplus expected to moderate in 2016

Surplus moderating from ~1 million tonnes to 0-1 million tonnes

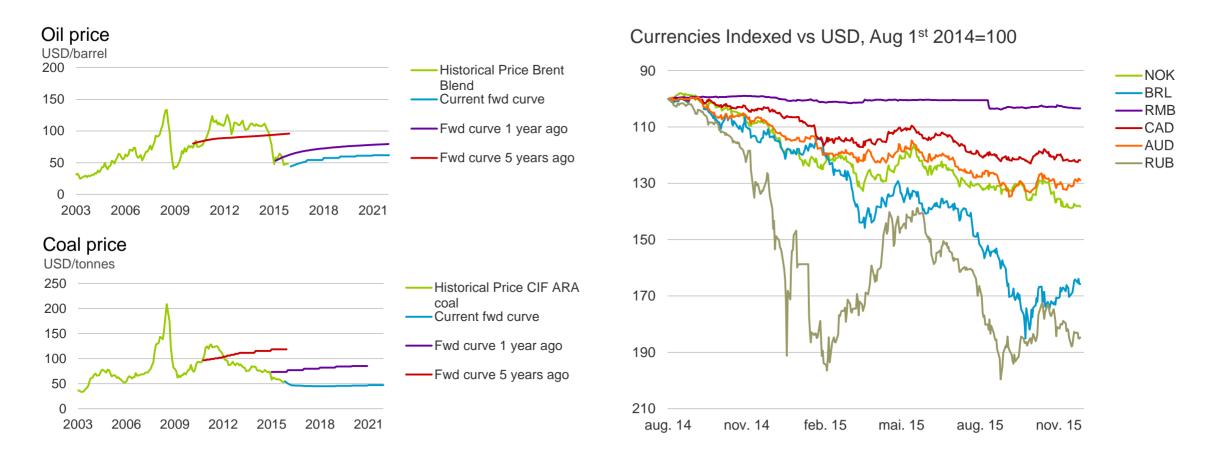


Source: CRU, Hydro Analysis



Aluminium costs affected by lower energy cost and FX developments

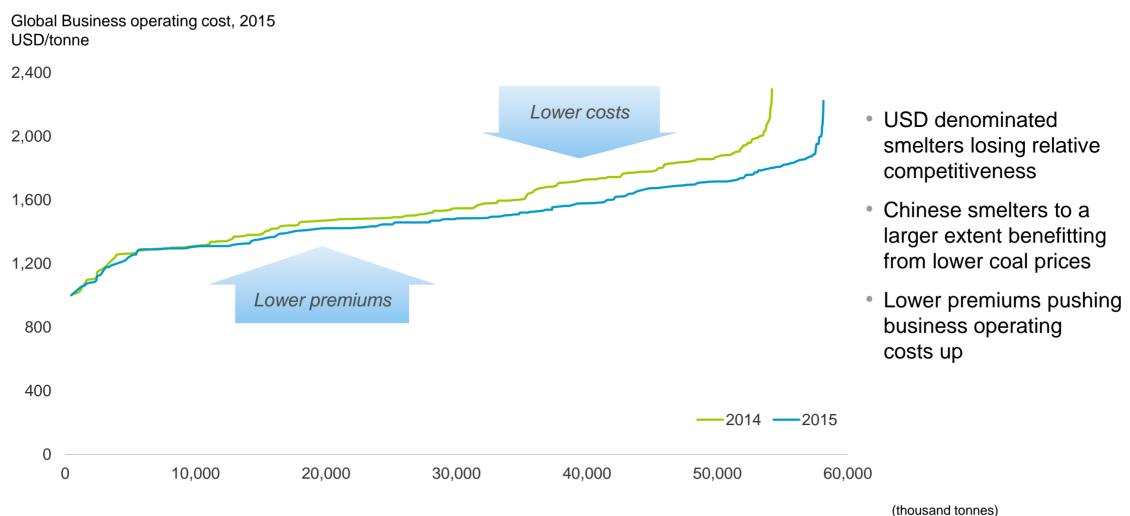
Oil and coal prices trending lower, large movements in currencies vs USD

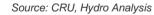


Source: Thomson Reuters



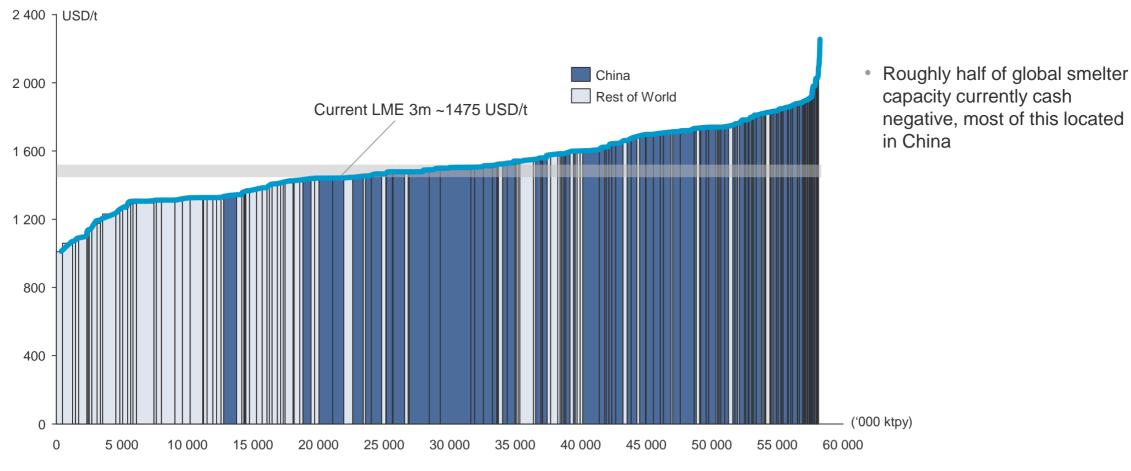
Currency movements influencing relative positions on global cost curve







Most Chinese smelters in the 3rd and 4th quartile on the global cost curve







Market balance in China remains uncertain

Uncertain supply growth

- Large capacity increases of past years unlikely to be repeated
- Focus shifting from top-line growth to bottom-line profitability
- Slower demand growth not yet impacting investments
- Continued focus on supporting local employment, but financial positions are becoming constrained

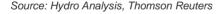
Softer demand growth

- Construction activity still weak, but housing prices picking up
- Transport sales rebounding, moderate car production
- Government stimuli

Upstream positioning

- Depleting domestic bauxite resources affecting costs
- Investment focus may shift from inland (Xinjiang / Inner Mongolia) to coastal areas (Shandong)
- Power market reform reducing power cost

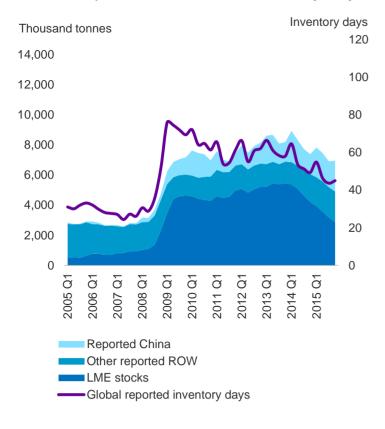




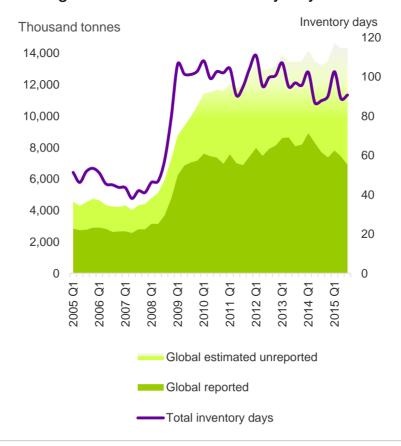


Global reported stocks decreasing, uncertain unreported volumes

Global reported stocks and inventory days



Total global stocks and inventory days

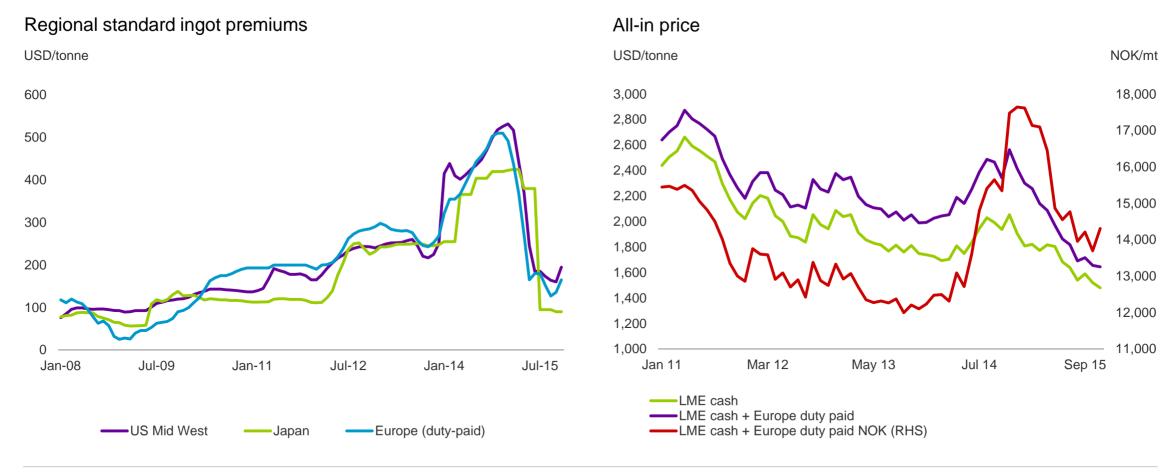


- Reported stocks decreasing over last year
- LME stocks lowest since the financial crisis
 - Influenced by new LME warehousing regulations
- High uncertainty regarding absolute level of unreported volumes

Source: CRU, Hydro Analysis



Regional standard ingot premiums falling back to historical levels, all-in price fall in NOK moderated by currency effect



Source: CRU, Hydro Analysis

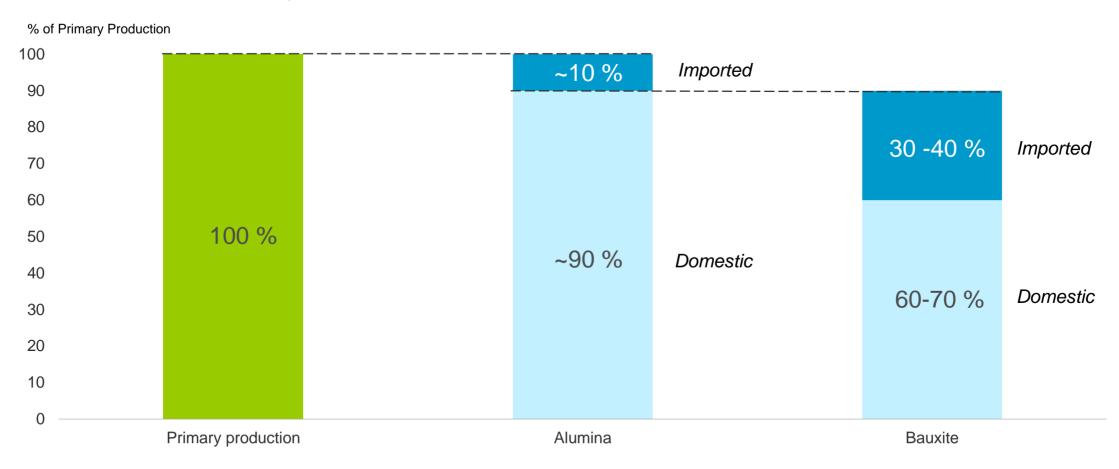






Chinese primary production dependent on imported resources

Around 40% based on imported raw material in 2012-2014

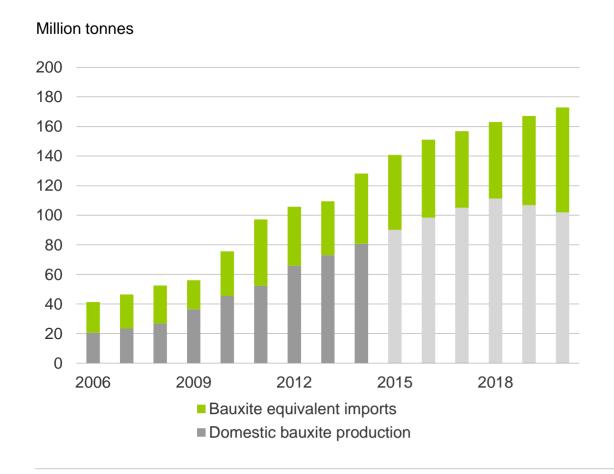


Source: CRU, China customs



Chinese bauxite import dependency expected to increase

Domestic bauxite production not keeping pace with demand



Chinese bauxite import requirements remain high

- New domestic resources not sufficient to meet demand longer term
- Domestic bauxite resources with lower quality and higher costs
- Current new investments and announcements in alumina refineries in coastal areas dependent on imported bauxite

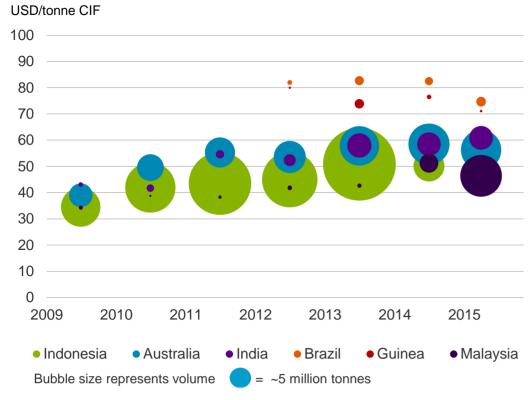


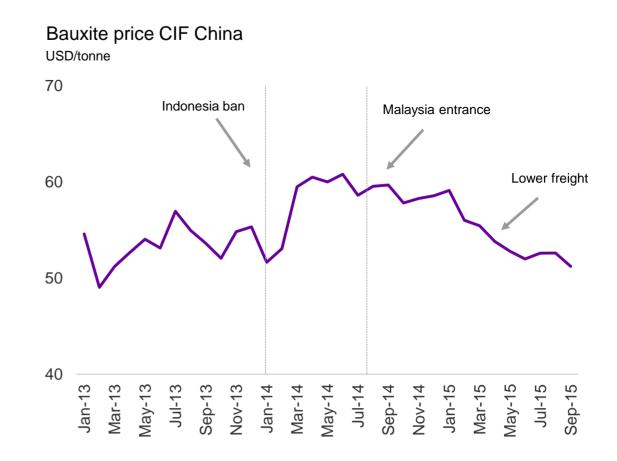
Source: CM Group

Malaysia emerging as largest bauxite exporter to China in 2015

Brazilian bauxite traded at a premium on the back of higher freight, but also higher value in use

China bauxite imports, volume and price by country

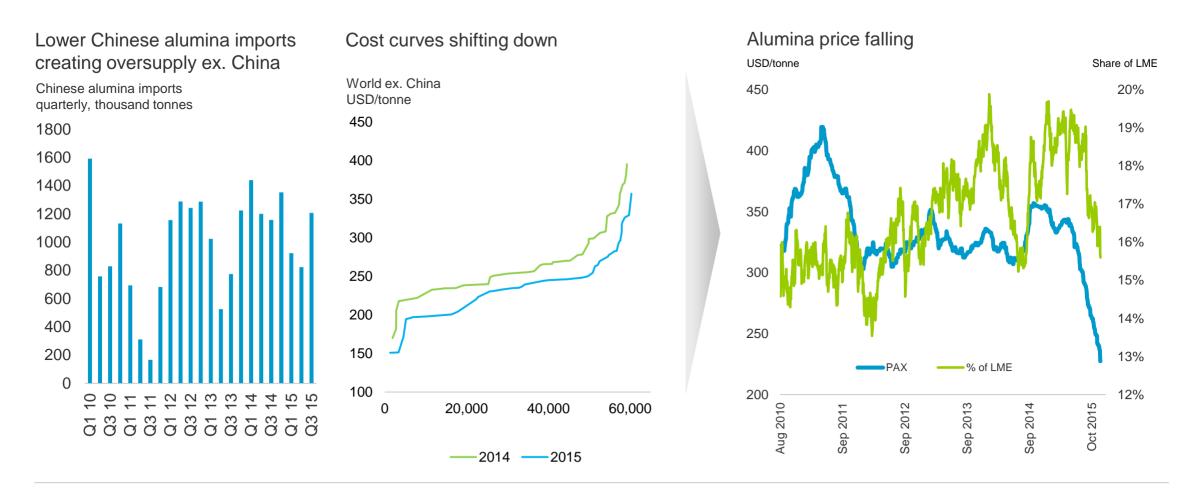


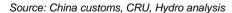






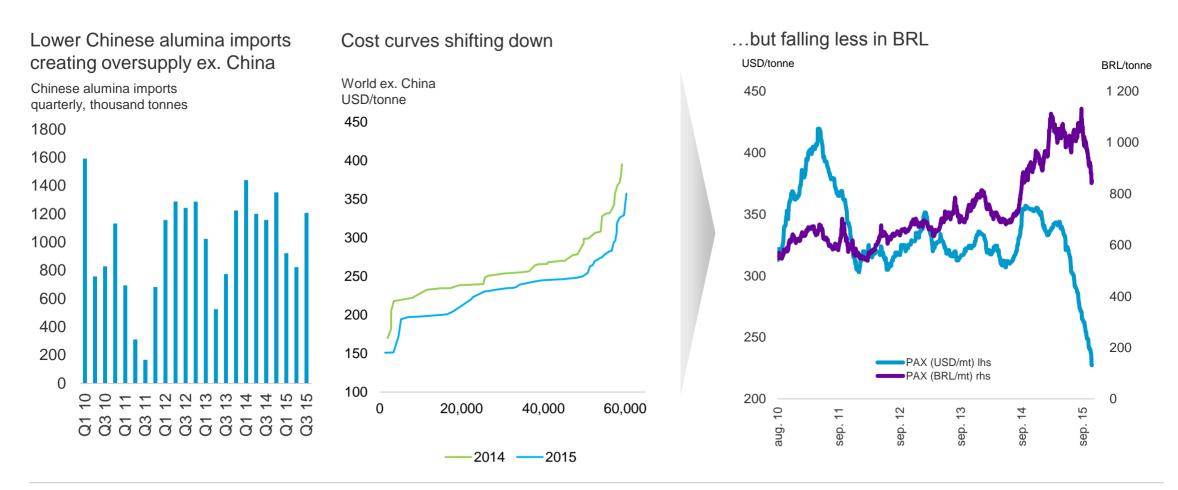
Alumina prices falling on the back of oversupply and lower costs

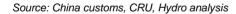






Alumina prices falling on the back of oversupply and lower costs

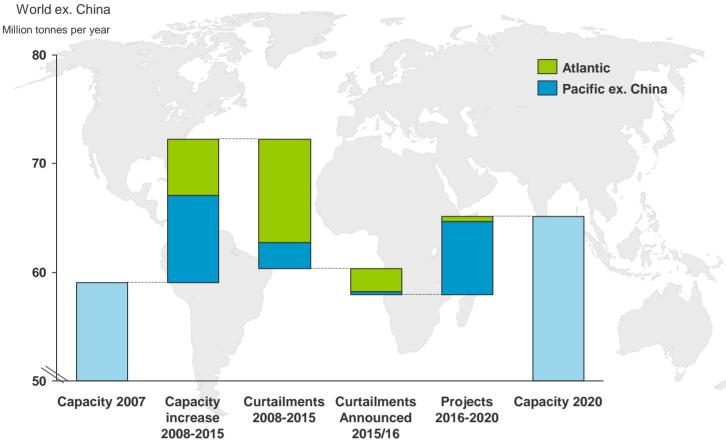


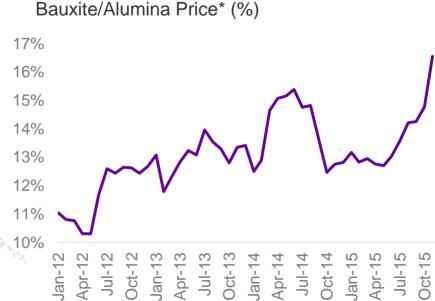




Few new alumina projects seen world ex-China in the coming years

Further curtailments probable

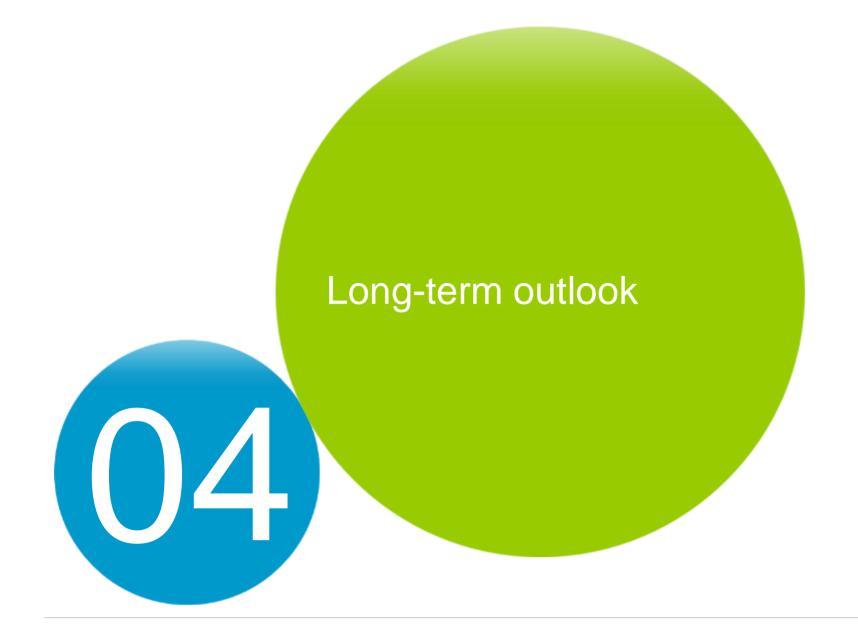




- Alumina prices falling, while bauxite prices have remained largely stable over the last months
- Chinese refineries using imported bauxite facing margin pressure









Strong growth drivers across segments providing solid demand outlook

Short-term macroeconomic volatility, long term fundamentals still in place

Strong demand drivers in key aluminium segments

	Transport	Growth in automotive vehicle production Aluminium content in cars increasing Growth in other transport modes, e.g. railway	
F	Construction	Urbanization Housing market recovery in mature regions Energy neutral buildings	
	Electrical	Urbanization Copper substitution	
*	Machinery & equipment	Improving industrial sentiment in mature regions Manufacturing activity and industrial growth in emerging countries	
	Packaging	Urbanization Environmentally-friendly solutions	

Semis demand CAGR 2015 - 2025

5 – 6 %

3 – 4 %

5-6%

4-5%

3 - 4 %

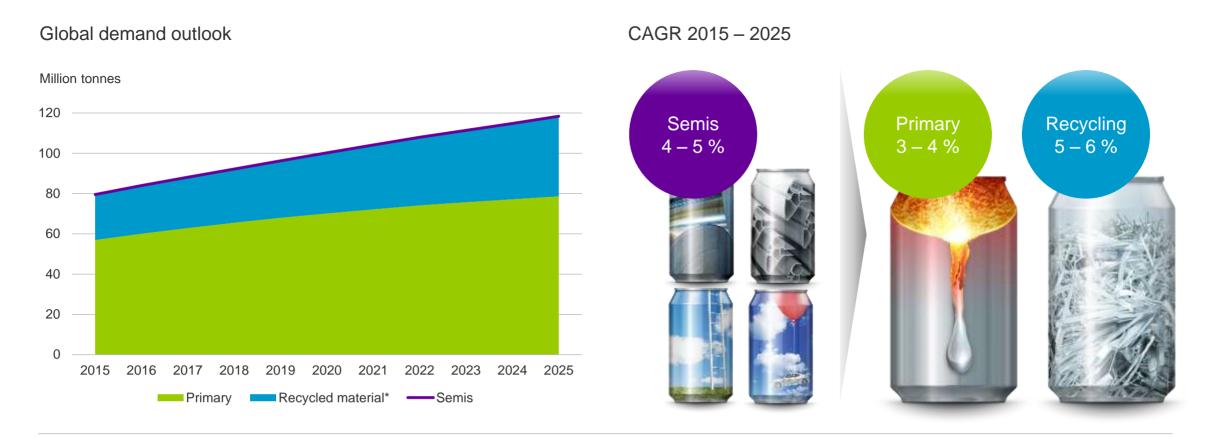


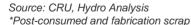
Source: CRU, Hydro Analysis



Growth in global semis demand creates opportunities for both primary and recycled material

Recycling share increasing, primary demand growth remains firm







- Demand in mature regions boosted by transport segment, short-term softness in emerging markets
- Lower aluminium prices amid lower input costs, FX developments & market surplus
- Roughly half of global smelter capacity currently cash-negative; most of this located in China
- Chinese bauxite import dependency continue to increase
- Solid long-term demand outlook supported by strong growth drivers across segments



Better Bigger Greener





Bauxite & Alumina

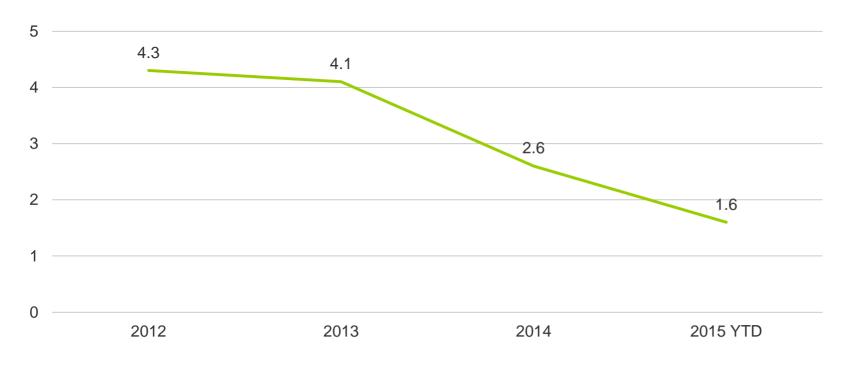
Alberto Fabrini Capital Markets Day 2015



Safety performance improves with operational stability

More than 60% TRI reduction compared to 2012, almost 40% down since 2014

Total recordable injuries (TRI) per million hours worked







Bauxite & Alumina strategic priorities

Aiming for operational and commercial leadership

Better

- Strive for an injury free environment
- Continue with operational improvement drive in world class operations
- Price bauxite and alumina on own fundamentals

Bigger

- Secure and develop bauxite resources for future decades
- Further mature CAP project and Paragominas expansion

Greener

- Further improve organizational capabilities and environmental performance
- Deliver on reforestation ambition 1:1 in 2017



Bauxite & Alumina: Lifting performance, securing bauxite supply







Long-term ICMS tax framework established in Brazil



Record bauxite production at Paragominas



Contributing to local communities in Para

2015



"From B to A" improvement program 1 BNOK completed*



Mar/ Apr

Record quarterly result in Q1

Jul

Oct

Oct

All-time low implied alumina cost



Launched 1 BNOK 2016 -2019 improvement ambition





Signed LoI with

Vale for MRN



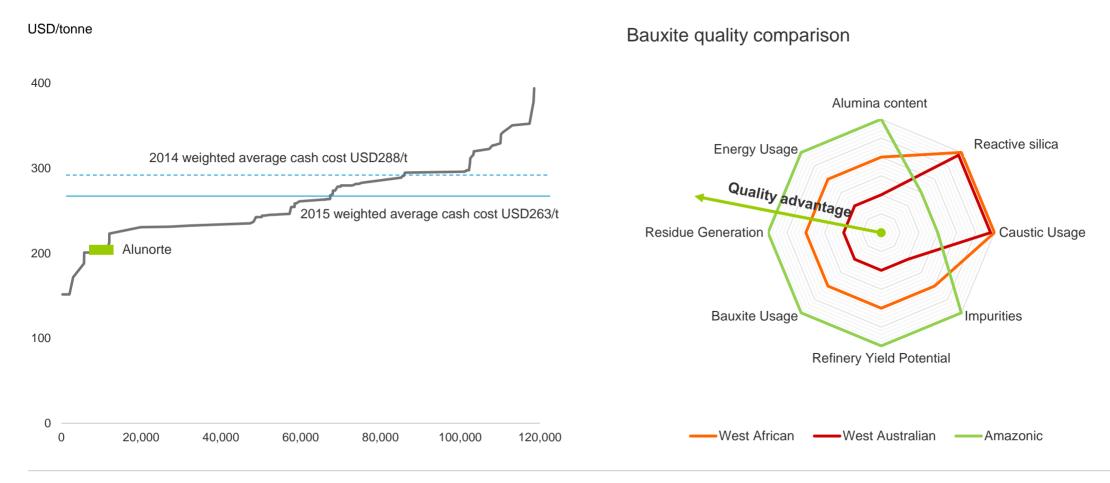
Betfer Seuxite & Alumina BNOK 1.0



^{*} Based on status Dec-2015

World-class quality assets

First quartile alumina cost position and bauxite quality advantage

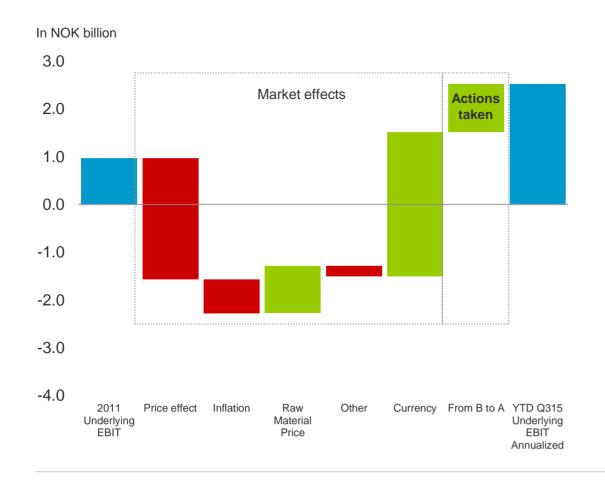


Source: CRU



Ambitious "From B to A" improvement program delivered

Currency development offsets price effects

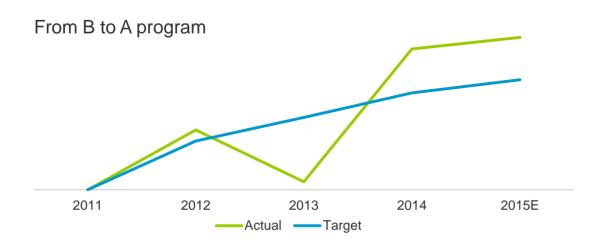






^{*} Based on status Dec-2015

Paragominas delivering beyond planned cost improvements



Production, annualized million tonnes



- Production above nameplate capacity
- Productivity improvements driven by debottlenecking at beneficiation plant and optimization of mining operations
- Fixed cost reduction mainly driven by manning reduction of 25%
- Improved process control and plant stability (BABS¹)
- Short-term issue with ball mill resolved²

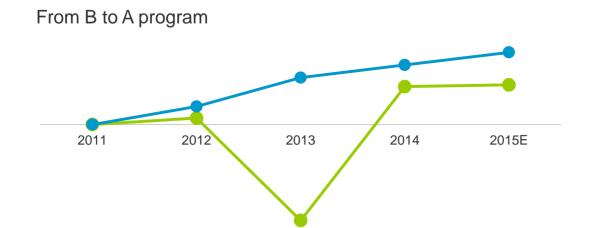


¹⁾ Bauxite and alumina business system

²⁾ Extended maintenance period in March / April 2015 resulted in lower bauxite production

Alunorte improvement efforts continue

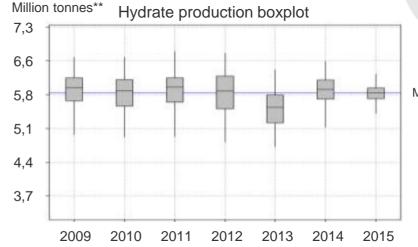
Stabilized operations – first step towards lifting production



- Strong recovery during 2014, stabilizing in 2015
 - Continuing efforts to increase production after stabilizing production environment (BABS* implementation)

- Increasing raw material efficiency
- Targeted manning reductions partly moved into 2016

Reducing production rate variability through BABS



million tonnes annualized alumina production Oct/Nov

Median 2015

- Increased robustness in power supply preventing serious power outages
 - Automation of substations and powerhouse

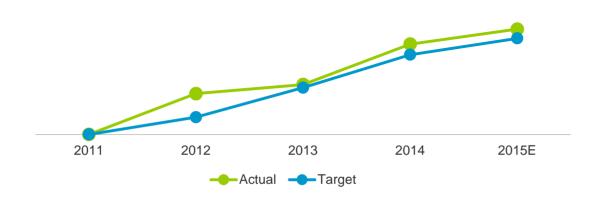


^{*} Bauxite and alumina business system

^{**} Annualized production

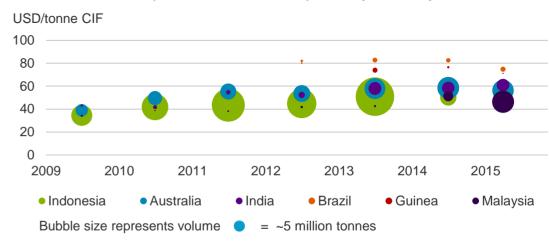
Pricing alumina and bauxite towards own market fundamentals

From B to A program



- Future pricing to reflect fundamentals of bauxite and alumina value chain
 - Underlying price improvement from moving portfolio to PAX-based pricing
 - Alumina price trend capturing larger part of aluminium value chain profits
 - Increased logistical flexibility and optimized scheduling

China bauxite imports, volume and price by country



 Advantageous bauxite quality enables export to China despite freight disadvantage



Source: China customs

Long-term sustaining projects on track

Investments for the next 10-20 years



Paragominas tailing dam

- Investment into further heightening of tailing dam and new tailings disposal area
- Optimized tailing disposal area for long-term mine operations
- First phase containing infrastructure investments for full lifetime of the tailing dam
- To be completed in second half of 2017
- Investment BRL 600 million ~10% to be spent by end 2015



Alunorte red mud deposit

- Dry disposal of bauxite residue using press filtration
- · Reduces total cost of bauxite residue disposal
- Increased concentration of solids reduces the required storage area and environmental footprint
- Increasing deposit lifetime compared to existing filtration technology
- To be completed in Q3-2016
- Investment BRL 1.0 billion ~50% to be spent by end 2015



Paragominas – new mining technologies support future improvements



- Debottlenecking to ~11.0 million tonnes/year by 2018
 - Minor capex requirement
- Use of residual bauxite
 - Potential to increase Paragominas lifetime by another 4 to 5 years
 - Improved long-term mine planning and mining accuracy supported by integrated economic modelling



Alunorte – new production technologies and advanced process control to lift production



- Enhanced precipitation process control improving quality and output
- Differential extraction of alumina from bauxite
 - Potential to achieve a significant reduction in caustic soda usage
 - Allows for economic utilization of residual bauxite
- Debottlenecking up to 6.6 million tonnes/year by 2018
 - Significantly improving utilization and financial performance of existing assets
 - Improved coal boiler performance reducing cost



New improvement ambition launched

Further strengthening the competitiveness of first quartile operations

Alunorte

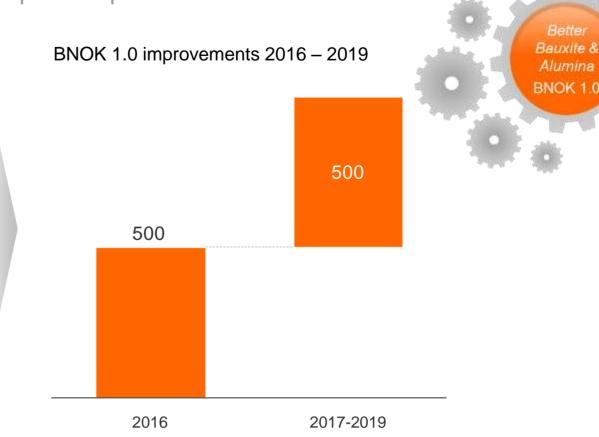
- Increase production
- Improve energy consumption
- Reduce fixed costs

Paragominas

- Support production above nameplate capacity
- Improve product flow and minimize tailings

Commercial

Increase logistical flexibility and optimize scheduling

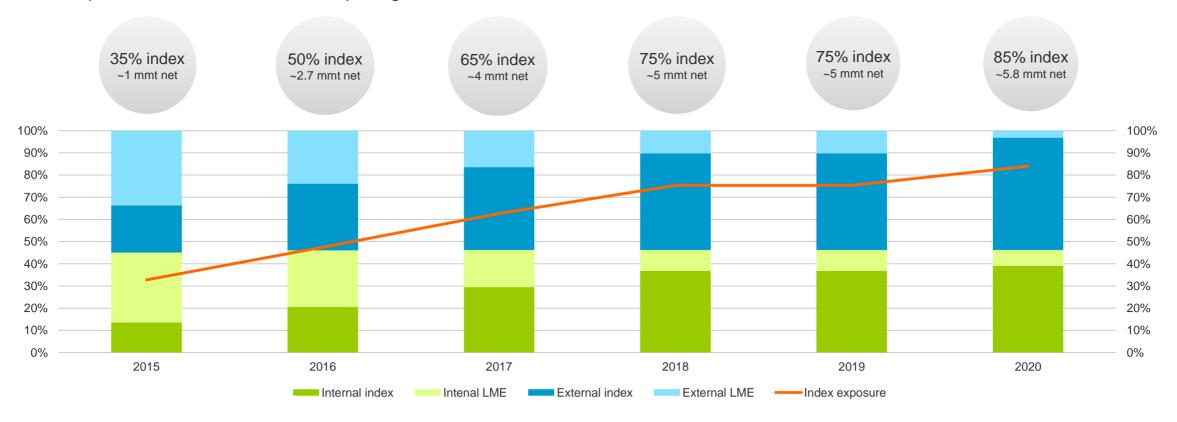




Shift of alumina sales to index-based pricing continues at full speed

B&A gain of ~1.1 BNOK if all volume was sold on index at current prices*

Sales exposure to index and short term pricing**



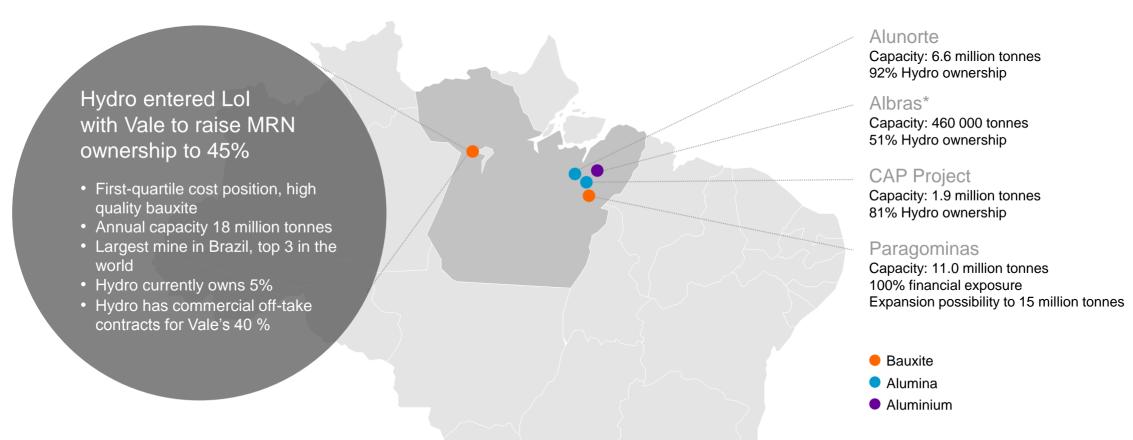
^{*} LME 1450 USD/mt, Index 230 USD/mt, NOK/USD 8.6



^{**} Rounded figures. Indicating volumes available for index pricing. Includes minority sales priced at % of LME with floor. Based on annual sourced volumes of 2.3 million tonnes (2015 based on 2.7 million tonnes)

Strenghtening aluminium cluster in Parã by lifting equity bauxite production

Ensuring optimal long-term development of Hydro Alunorte's second source of high-quality bauxite



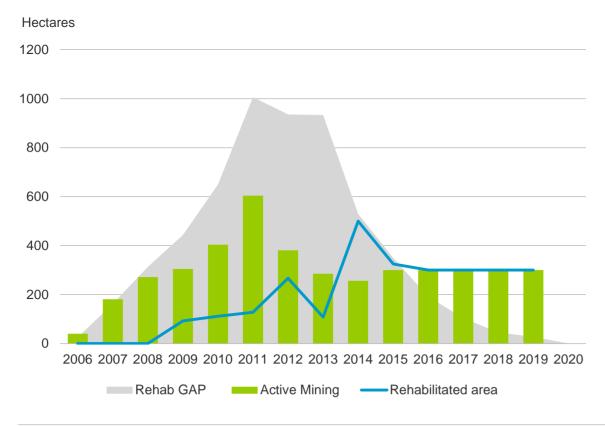
^{*} Included in Primary Metals business area



Making progress on ambitious environmental goals

Research partnership on biodiversity creates the basis for state-of-the-art approach to mining rehabilitation

Rehabilitation gap and schedule







- 4 projects: reforestation, big mammals, entomology and fungi
- More than 45 researchers and scholarship students involved
- Initial 5-year program of partnership
 - University of Oslo
 - Federal University of Parã
 - Federal Rural University of Amazônia
 - Goeldi Museum



Bauxite & Alumina mid-term goals

Creating shareholder value through efficient and commercial use of raw materials

Ambitions	Target	Timeframe
Improve safety performance, strive for injury free environment	TRI <2	2020
Deliver on new improvement ambition	BNOK 1.0	2019
 Lift alumina production at Alunorte through stabilization and debottlenecking 	6.6 million mt	2018
Lift Paragominas production through debottlenecking	11 million mt	2018
Shift alumina sales portfolio to index-based pricing	>85 %*	2020
Deliver on reforestation ambition	1:1	2017

Better Bigger Greener

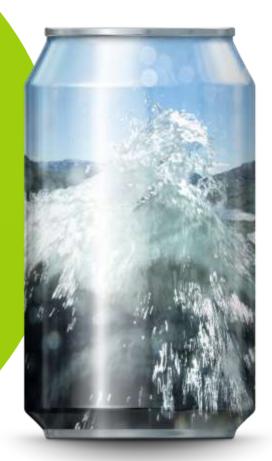


^{*} Based on annual sourced volumes of 2.3 million tonnes



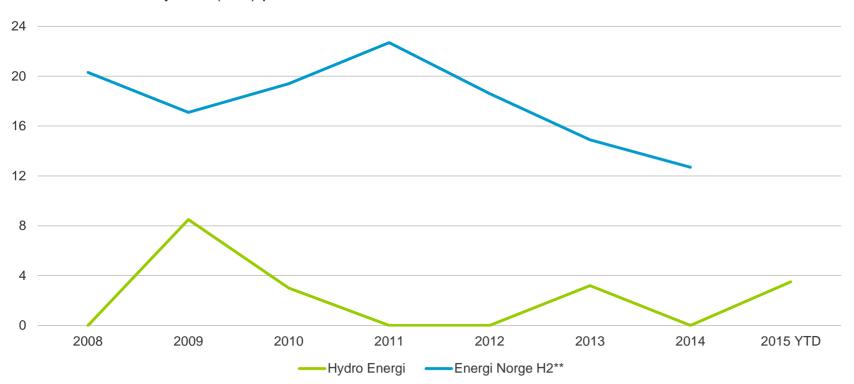
Energy

Arvid Moss
Capital Markets Day 2015

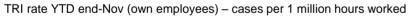


Aiming for an injury-free working environment

Total recordable injuries (TRI) per million hours worked







^{**} Source: Energi Norge, Own employees, H2 statistics for full year 2014. H2= number of injuries with or without absence per million working hour



Energy strategic priorities

Better

Bigger Greener

- Realize full potential of strong asset base and competencies
- Further improve operational and commercial performance
- Provide competitive global energy sourcing and competence

- Mature captive growth opportunities
- Raise income potential from market operations and commercial optimization
- Leverage value from Nordic power surplus

- Capitalize on strong climate position over time
- Capture value of the green certificate scheme in new growth projects
- Promote responsible energy policy in the regions where Hydro operates



Energy has a dual mission in Hydro

Strong, sustainable value creator and energy provider throughout the value chain



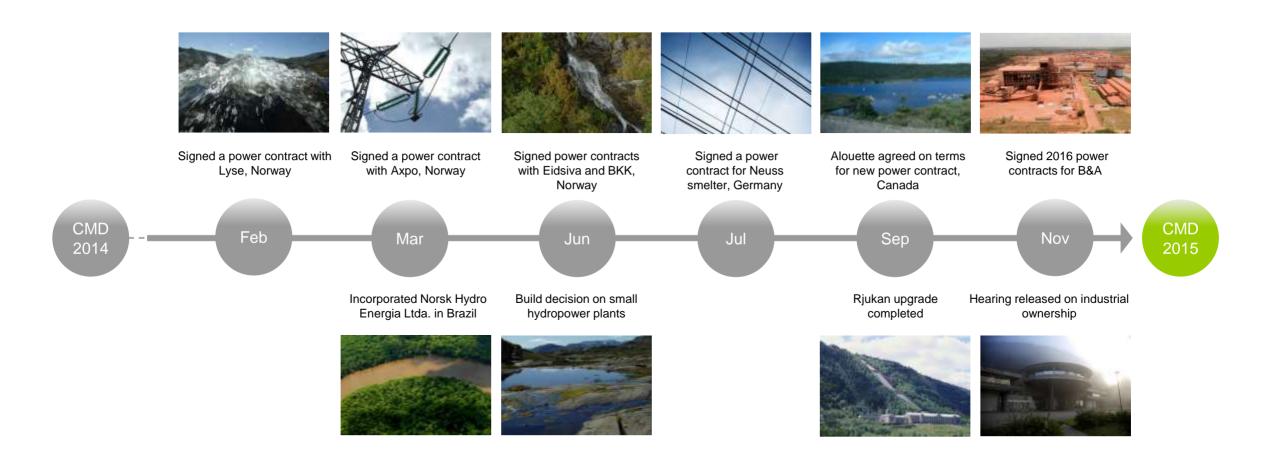
To own, operate and maximize value of Hydro's energy assets



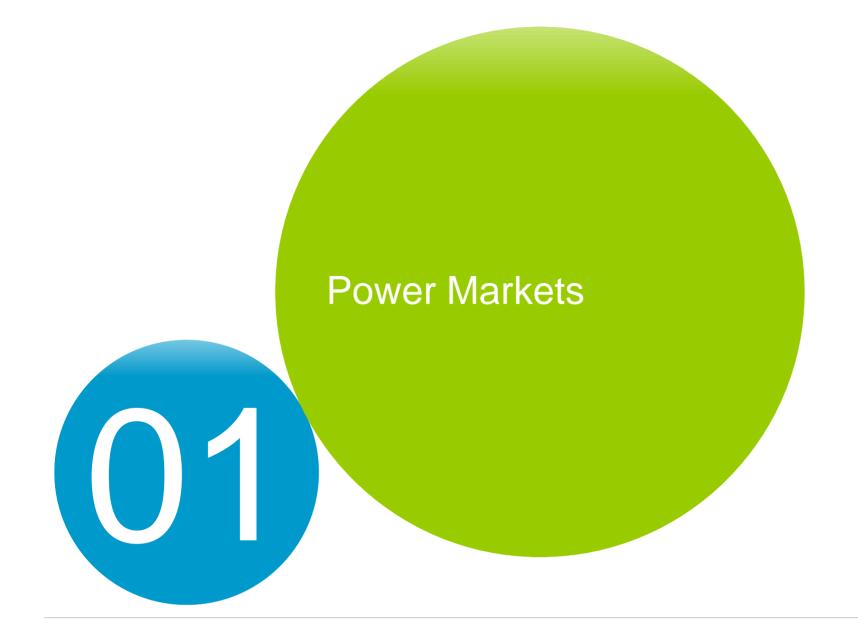
To provide competitive power sourcing and global energy competence



Energy: Securing power supply, maximizing asset value



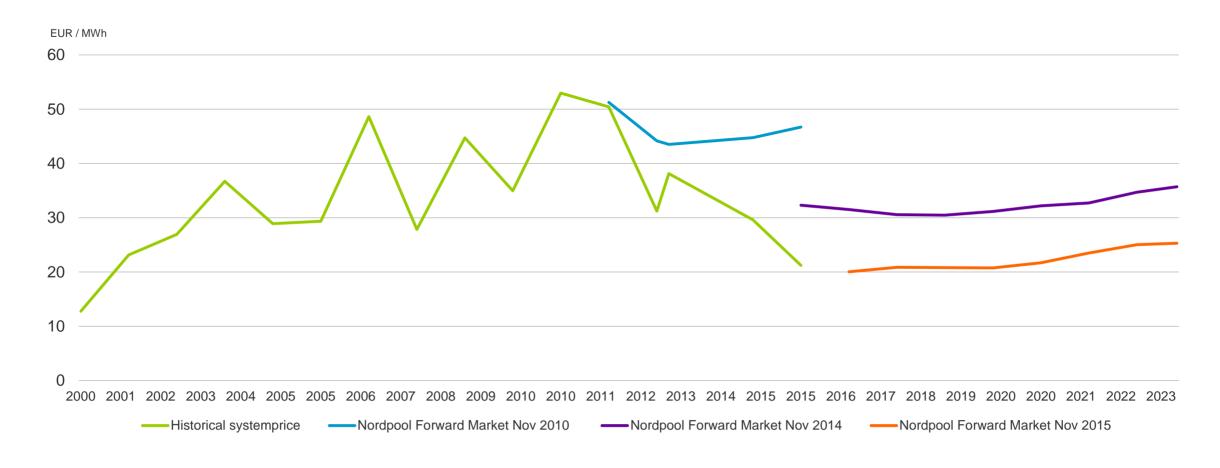


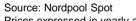




Nordic power prices decline over the last years

Downward trend also reflected in forward curve





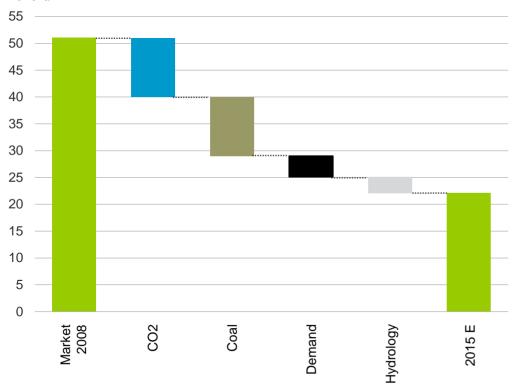
Prices expressed in yearly averages



Nordic power prices halved from 2008 to 2015

Mainly driven by lower CO2 and coal prices, as well as lower demand and higher inflow

Nordic system price and the most important price drivers 2015 €/MWh



- More inflow in 2015 compared to 2008
- Total Nordic nuclear is relatively similar in both years
- Other drivers not included here e.g. changes in renewable and thermal generation

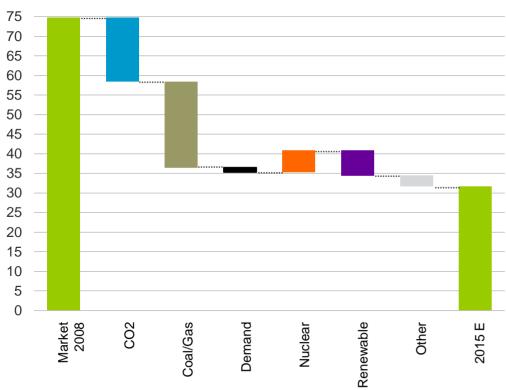
	2008	2015E
CO2 (2015 €/tonne)	24.3	6.9
Coal (2015 USD/tonne)	164	58
Demand (TWh)	403	390
Inflow Jan. to Oct. Norway and Sweden (TWh)	167	185



German power prices drop 60% from 2008 to 2015

Mainly driven by lower CO2 and coal prices

German power price and the most important price drivers 2015 €/MWh



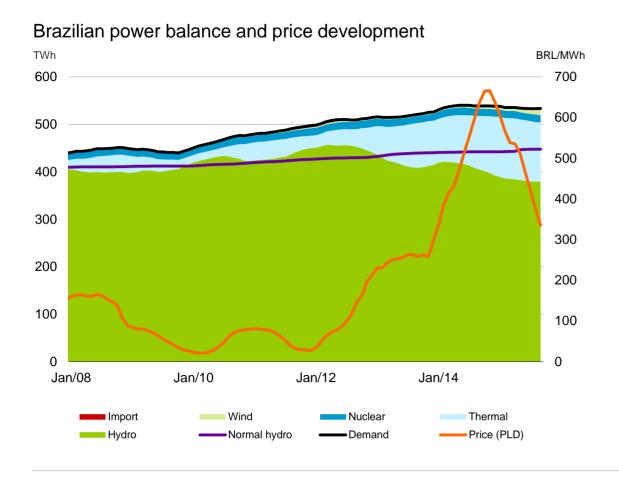
- Growth in renewable power offsets reduction in nuclear capacity
- Other drivers not included here e.g. changes in thermal generation and transmission capacity

	2008	2015E
CO2 (2015 €/tonne)	24.3	6.9
Coal (2015 USD/tonne)	164	58
Demand (TWh)	528	515
Nuclear (TWh)	141	80
Renewable (TWh)	95	166

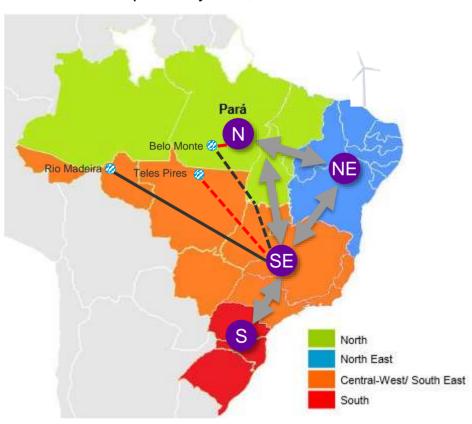


Interconnected Brazilian hydropower-based system

Thermal power has increased in importance during recent dry years

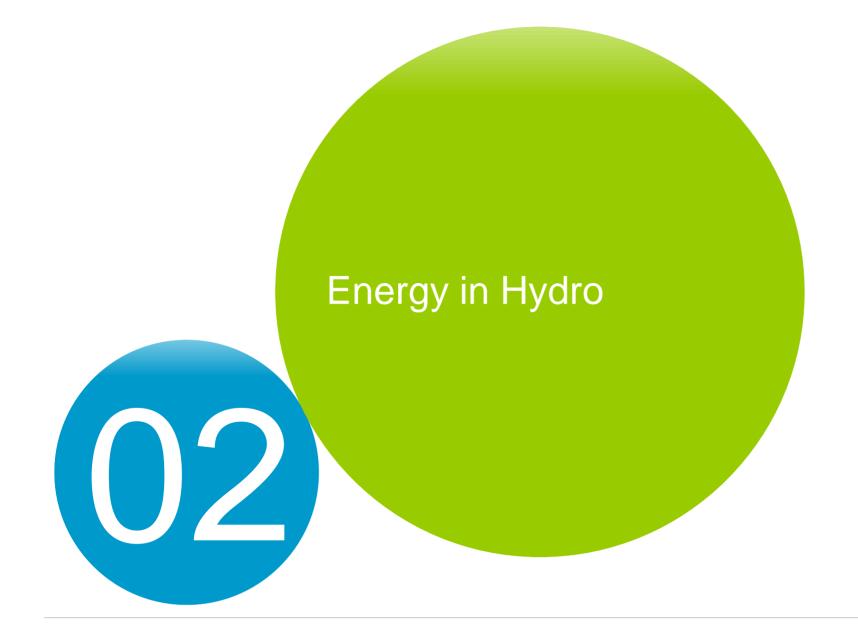


Interconnected power system, Brazil



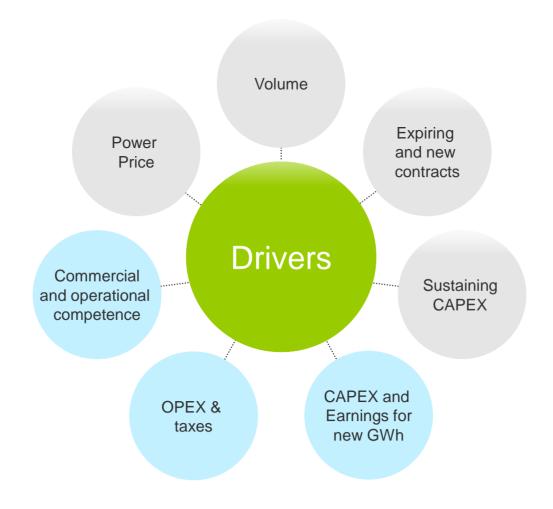


^{*}Source: ONS, EPE, ANEEL.





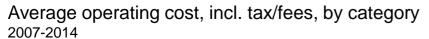
Value creation in Energy dependent on wide array of factors

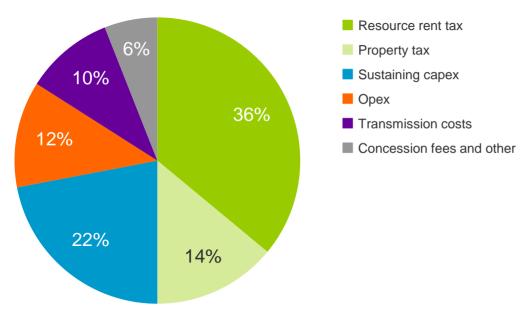




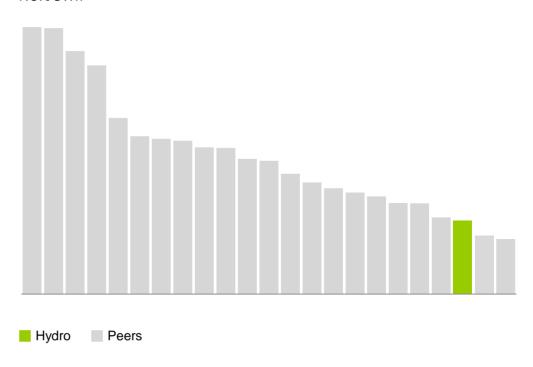
Competitive production costs driven by economies of scale and operational improvements

Taxes and fees account for a large share of costs, making sustainable framework conditions crucial





Total operating costs for Norwegian power producers*





^{*} Based on PA Benchmarking survey

Maximizing value from commercial optimization

Leveraging benefits of flexible hydropower in an environment of increasing balancing needs

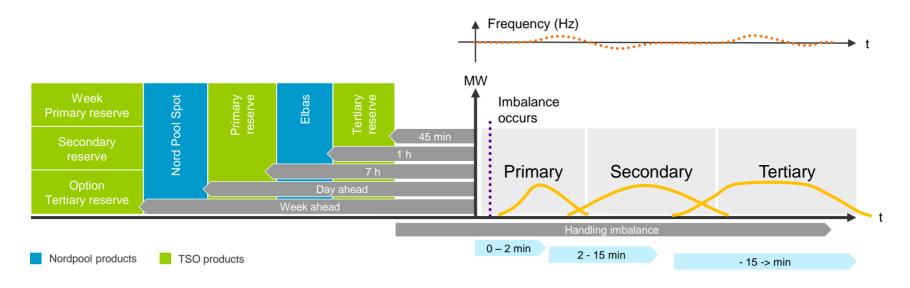
Hydro has one of the strongest commercial competence centers in the Nordic power market

Commercial insight and risk competence from day-to-day asset optimization and trading

Key to understand market development and to support long-term sourcing

Physical assets optimized in spot markets and balancing markets

- · Increasing balancing needs with renewables
- Flexible hydropower production allows Hydro to capitalize on price volatility and mitigate risks
- Smelter consumption flexibility key to future power system operation

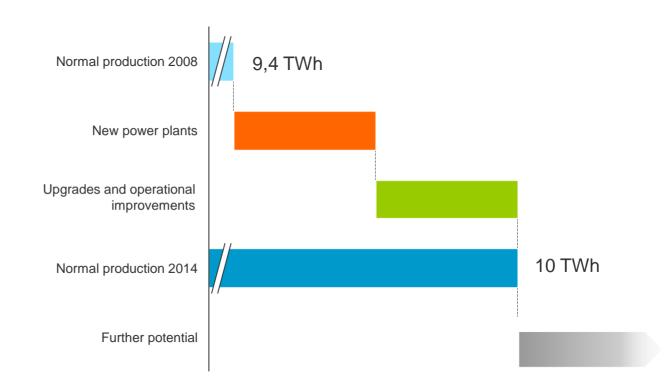




Delivering value from growth

Driven by capacity additions, debottlenecking and operating competence

- The normal production in Hydro's power plants raised from 9.4 in 2008 to 10 TWh in 2013
 - New power plants since 2008
 - Holsbru, Vasstøl, and Vigeland acquisition
 - Improved power plant efficiency from replacement of turbine runners
 - Improved optimization through competence
 - E.g. handling flooding situation to minimize water losses and ensure safe operations
- Further potential
 - New power plants under construction
 - Midtlæger, Mannsberg
 - Utilizing regulatory frameworks supporting renewable power generation
 - Turbine runners as part of rehabilitations
 - Further improving long-term optimization





Providing competitive global energy sourcing and competence

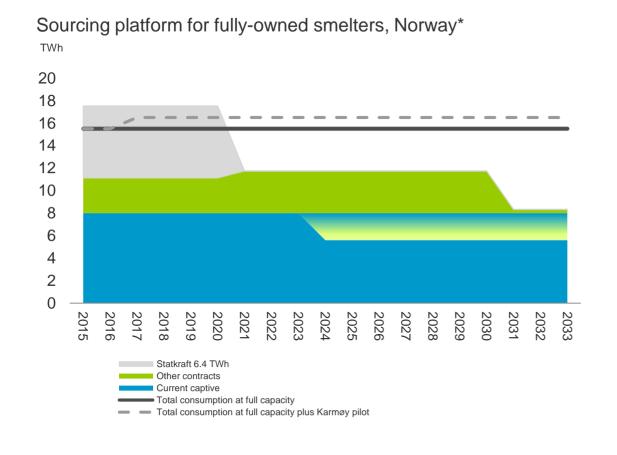
Commercial competence, analytical capability and market insight

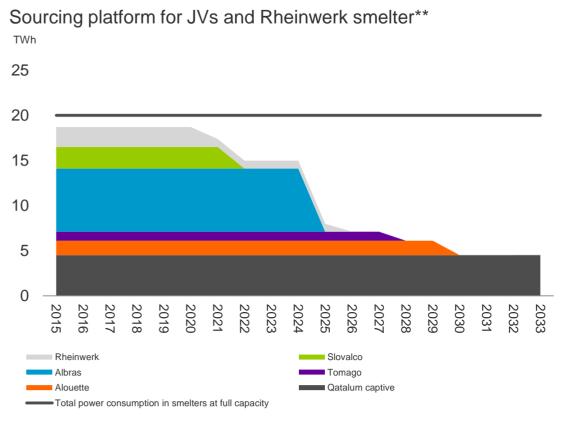
B&A	Primary Metal	Rolled Products			
Assist with updating of energy sourcing strategies					
	Analyze energy markets and provide insight				
	Optimize electric power portfolio				
	Lead power sourcing negotiations				
Improve security of power supply and manage grid agendas					
 Fuel switch evaluations New power contracts for B&A operations Overall energy matrix optimization Increased Energy presence in Brazil to lead the sourcing processes and explore commercial opportunities 	 3.75 TWh power sourcing secured for the Norwegian smelter portfolio 2021-30 330 GWh power sourcing for the Norwegian smelter portfolio 2031-40 	 Execution of hedging strategy New power contract secured for 2018-25 for Rheinwerk smelter Gas/power sourcing for rolling mills 			
 Norsk Hydro Energia Ltda established as a vehicle for the power market operations 					



Improving smelter cost position with competitive power sourcing

Utilizing moderate pricing environment in Norway and abroad

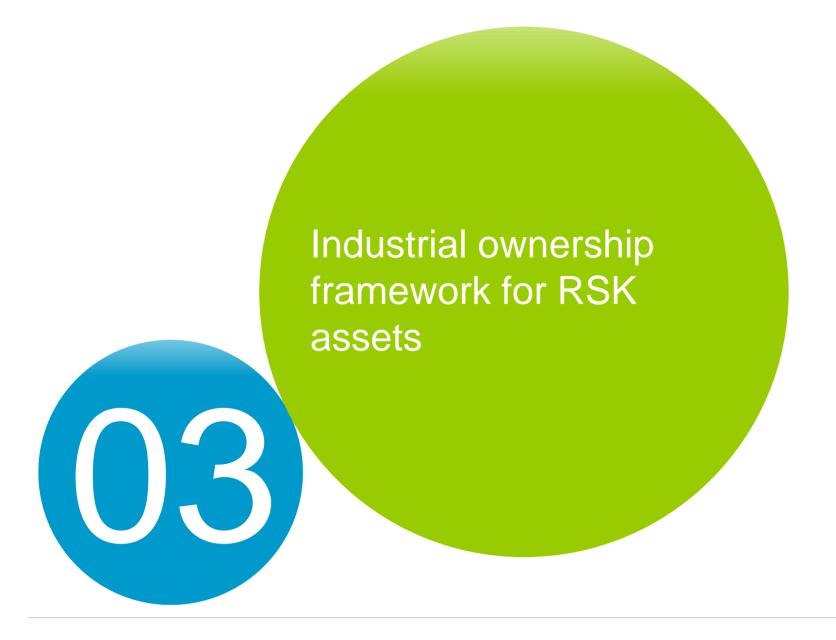






^{*} Net 8 TWh captive assumed available for smelters

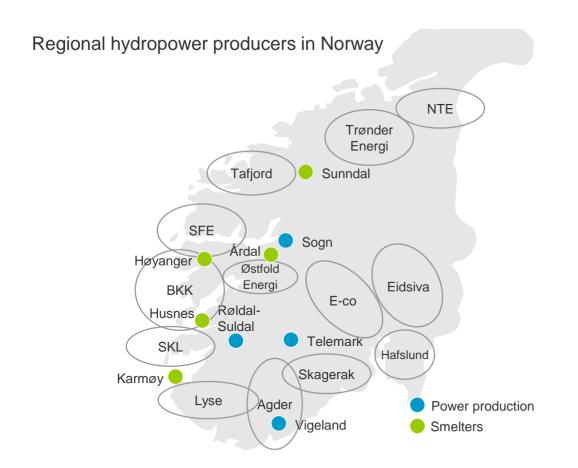
^{**} Albras and Slovalco on 100% basis

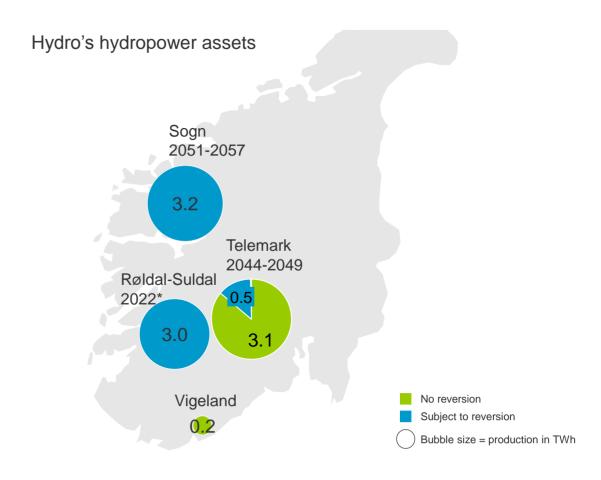




Norwegian reversion regime

Private ownership not to exceed 1/3 in Norwegian waterfalls







^{*} Reversion year

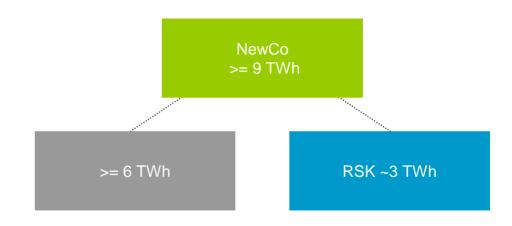
Broad optionality to maintain asset value within the reversion regime

Sell to a publicly-owned entity

TWh



Merge into a larger publicly-owned asset with one or several owners



- Retain full production as part of a larger asset
- Max 1/3 Hydro (private) ownership
- No reversion after such a transaction
- Need partner(s) with min 6 TWh to maintain equity volume

Production w/o RSK



The diagrams on this slide are simplified for illustration purposes

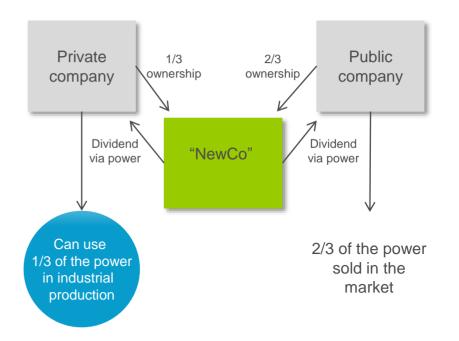
^{*} Normal production

Maintaining industrial ownership of RSK volumes is Hydro's preferred alternative

Government proposal to allow private entities physical hydropower offtake from minority stakes

- Law proposal from government on industrial ownership published 9 November
- Proposal for hydropower JVs:
 - Maximum 1/3 private ownership maintained
 - Allow private owners access to physical power
 - Pro-rata power offtake in line with ownership share
- The new law would allow Hydro to maintain access to physical power through restructuring RSK assets into 1/3 ownership position in company with liability

Proposed model for industrial ownership (ANS/DA)









Hydro's climate strategy is to be carbon-neutral from a life-cycle perspective by 2020



Hydro carbon neutral in 2020

From a life-cycle perspective





Integrated into business strategy in all business areas

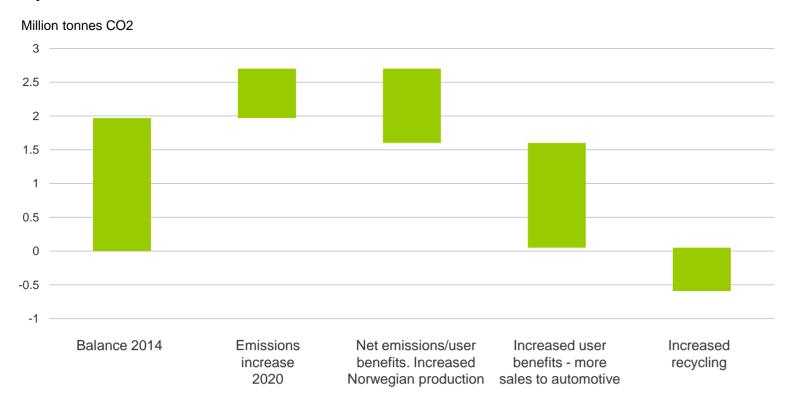
- Increasing energy-efficiency and reducing emissions in production processes in aluminium plants, rolling mills, and alumina refinery
- Increasing production of renewable hydropower, evaluating potential of switching to renewable energy sources or natural gas in production processes
- Developing products and solutions, establishing partnerships with advanced customers, and identifying new applications for metal and downstream products
- Supporting global energy-efficiency goals by helping customers reduce energy consumption and emissions and by promoting sustainable frameworks
- Reducing waste and saving ~95% of energy by recycling of post-consumed scrap in Primary Metal and Rolled Products
- Utilizing advanced sorting technology and developing recycle-friendy alloys



Gradual reduction in life-cycle carbon balance towards 2020

Use-phase benefits of aluminium products have the largest effect

Hydro's carbon balance 2014 - 2020





Life-cycle carbon-neutral ambition

On track



Energy mid-term goals

Creating shareholder value by maximizing value of own hydropower assets and ensuring reliable and competitive energy supply for Hydro

Ambitions	Target	Timeframe
Improve safety performance – injury free environment	TRI <2	2020
 Robust industrial ownership for RSK – maintain physical power offtake post 2022 	3,0 TWh	2022
 Deliver additional production volumes through upgrades/sustaining investments 	~0,1 TWh	2020
 Secure new competitive sourcing contracts in Norway post 2020 	4-6 TWh	2020
 Support competitive energy supply as well as energy policy and framework development for other business areas 	Progress	Continuous

Better Bigger Greener





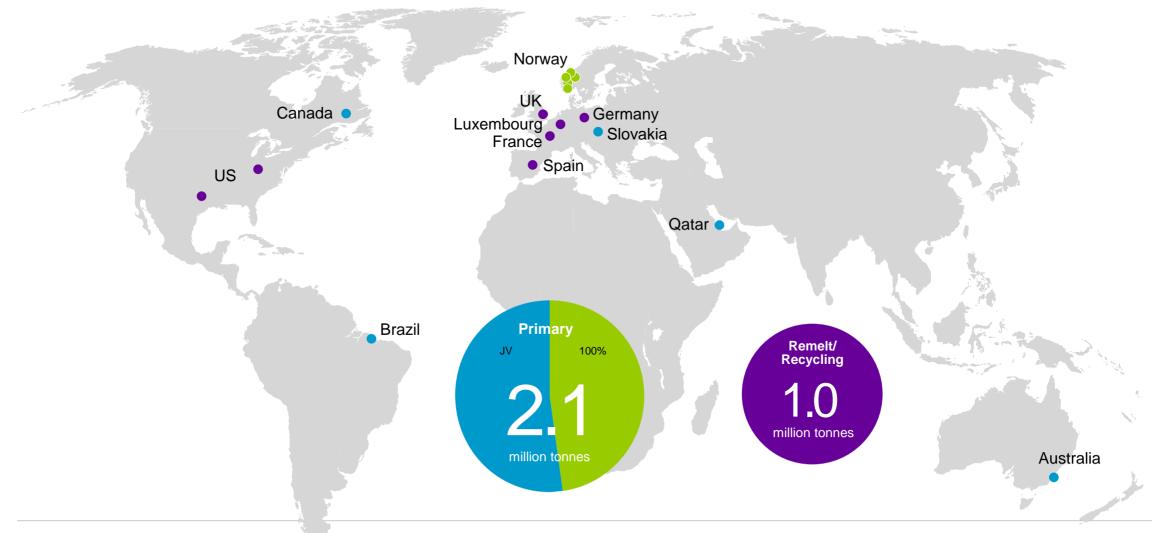
Primary Metal

Hilde M Aasheim Hans Erik Vatne

Capital Markets Day 2015



Primary Metal and Metal Markets production portfolio



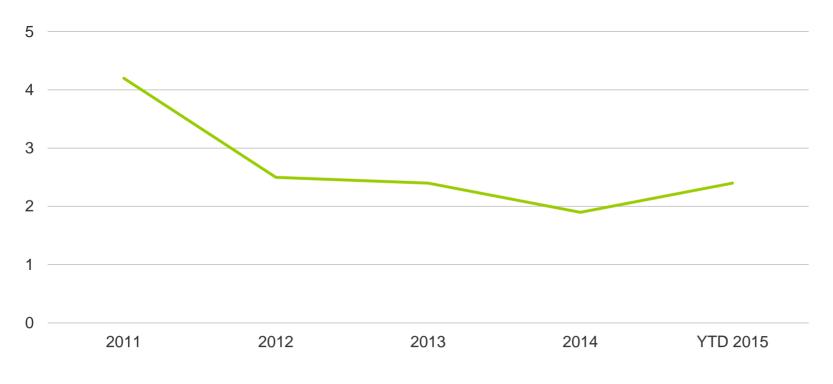
^{2.1} million mt is consolidated capacity. Slovalco and Albras are fully consolidated, Tomago and Alouette are proportionally consolidated and Qatalum is equity accounted. 90.000 mt of capacity is currently mothballed in Hydro Husnes. Neuss, which is a part of Rolled Products, is not included. 1.0 million mt includes stand-alone remelters, recycling facilities and additional casthouse capacity at primary plants.



Striving for an injury-free environment

Among the best in the industry

Total recordable injuries (TRI) per million hours worked







Primary Metal strategic priorities

World-leading aluminium producer

Better

- Strive for an injury-free environment
- Deliver on improvement programs
- Secure competitive power sourcing
- Develop products and services towards advanced customers to improve margins

- Realize 200,000 mt creep
- Extend technology lead with the Karmøy technology pilot
- Further mature growth options

Bigger Greener

- Grow recycling business to improve margins and environmental footprint
- Reduce energy consumption and emissions in all processes
- Develop products and solutions to help customers reduce energy consumption and emissions



Primary Metal: Extending the technology lead and driving improvements



ENOVA support for Karmøy technology pilot approved by ESA



Record quarterly result in Q1



Hydro Karmøy invests to high-grade product portfolio

Aug



Alouette agreed on terms for new power contract



NOK 1.0 bn 2016-2019 improvement ambition

Dec

CMD 2014

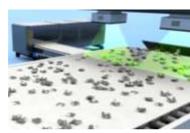
Feb

Investment decision on technology pilot made



Invested in world's most advanced sorting technology

Apr



Mar-Jun





Sep







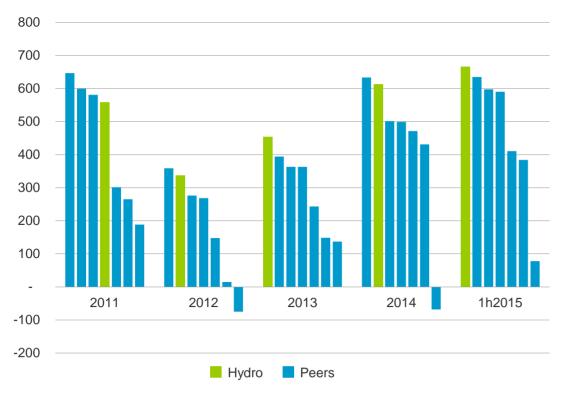
CMD

2015

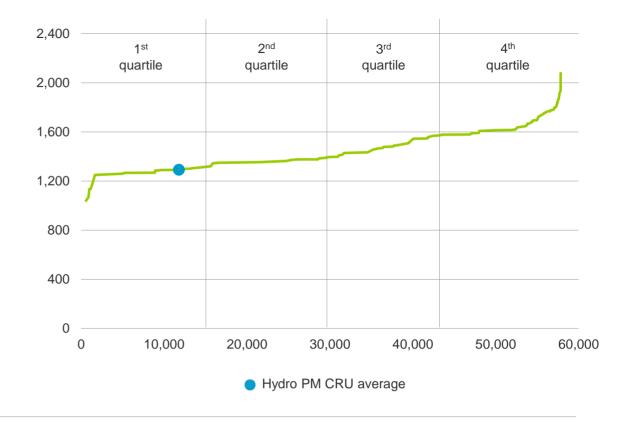
Strengthened relative position

Improvement programs and currency tailwinds are main contributors

Underlying EBITDA per mt in USD for respective aluminium divisions¹²



2015 CRU global business operating cost curve^{3,} in USD per mt



¹⁾ All figures based on public accounting data, not verified by Hydro. Data not adjusted for different accounting principles and non-specified underlying items. Hydro makes no representation as to the accuracy or completeness of such information. The analyses are based on assumptions subject to uncertainty and therefore intended only for general comparisons across companies and should not be used to support any individual investment decision. All results are provided for informational purposes only. Hydro figures includes Primary Metal, Metal Markets and attributable share of EBITDA and production in Qatalum.



Companies included in the graph: Hydro, Rio Tinto Alcan, South 32 (BHP), Rusal, Chalco, Alba, Alcoa

³⁾ Assumptions: LME 1 699 USD, USD/NOK 7.96, USD/BRL 3.85, USD/EUR 0.91.

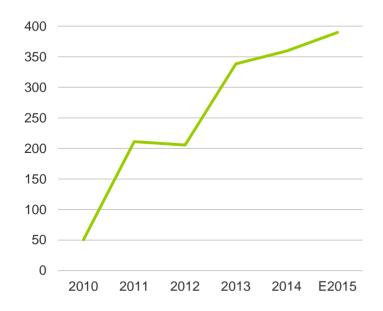
Improvement culture is a part of Hydro's DNA

New NOK 1 billion technology driven improvement ambition

Fully-owned smelters improvements continue beyond USD 300

Improvements 2009-2015, corresponding to NOK ~2.0 billion

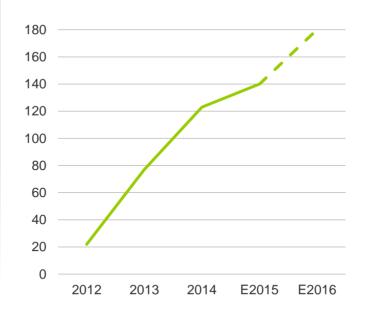
In USD per mt in real terms



Joint venture improvement program on track

USD 180 per mt improvements 2011- 2016, corresponding to NOK ~1.2 billion

In USD per mt in real terms



New BNOK 1.0 improvement ambition

Includes remainder of USD 180 program, To be delivered from 2016 to 2019

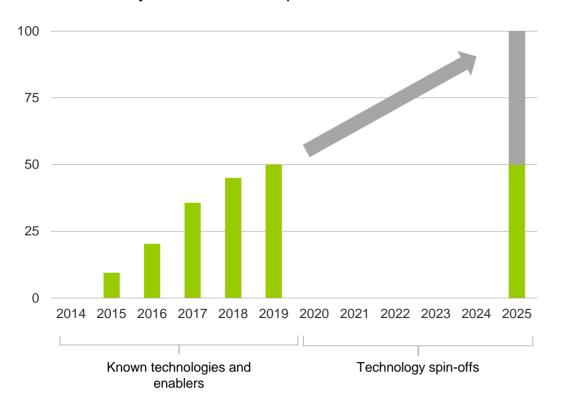




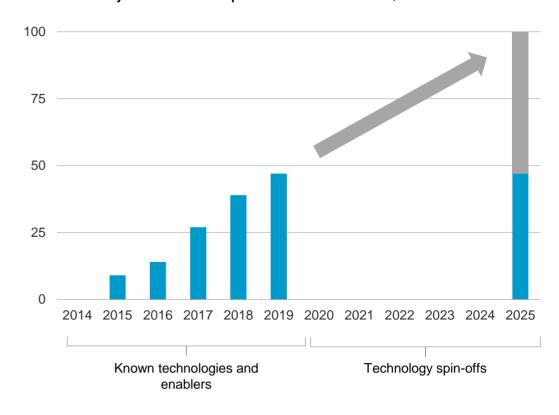
Improvement culture and technology go «hand in hand»

Technology-driven capacity increases of ~200 000 mt over the next decade

Production fully-owned¹ smelter portfolio 2014-2025, in mt



Production joint venture² portfolio 2014-2025, in mt





¹⁾ Årdal, Høyanger, Husnes, Sunndal and Karmøy

²⁾ Volume as consolidated in Hydro from Alouette, Tomago, Albras, Slovalco and Qatalum

Continuous technology development



HAL 300

- Operating for several years in Sunndal and Qatalum
 - 13.5 kWh/kg
 - 314 kA
 - 1.5 kg CO₂/kg Al



HAL4e

- To be used in Karmøy technology pilot
- Benchmark on energy-efficiency and environment
- Hal4e
 - 12.3 kWh/kg / 450 kA / <1.5 kg CO₂/kg Al
- Hal4e Ultra
 - 11.5-8 kWh/kg / 415 kA / <1.5 kg CO₂/kg Al

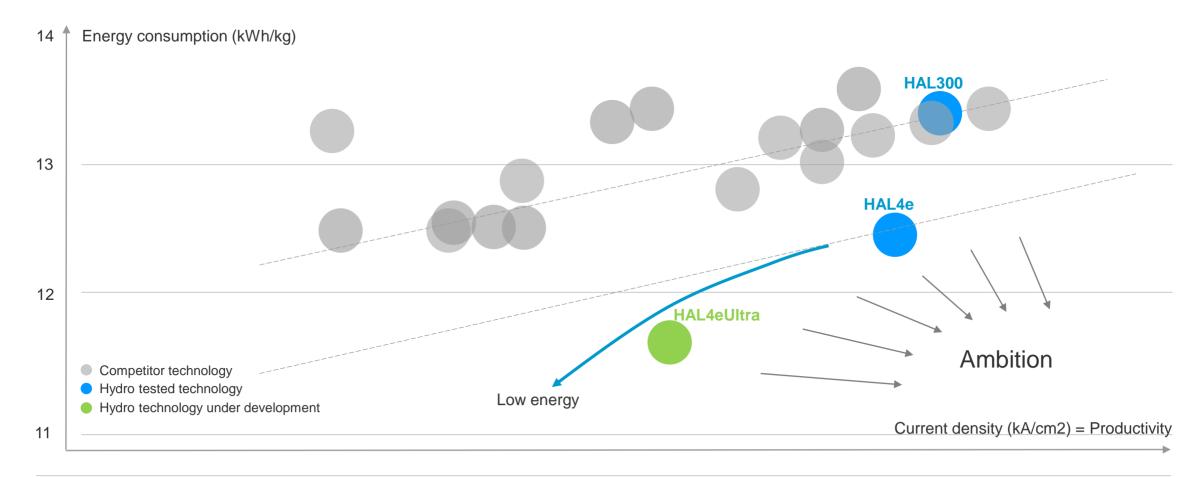


- 10 kWh/kg
- Carbon capture-ready cell
- Higher degree of automation and autonomous control system



Electrolysis technology – challenging the laws of nature

Hydro with benchmark combination of energy consumption and productivity





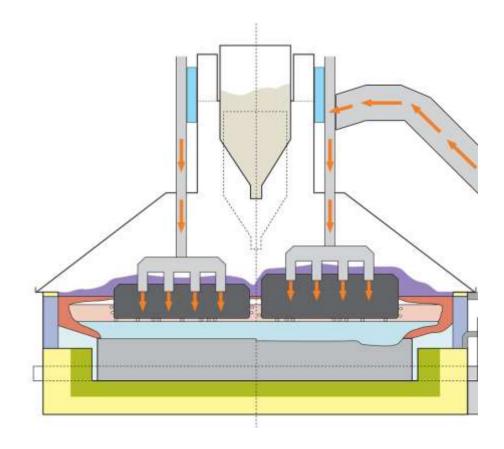
Technology innovations in HAL4e

Key enablers for improved performance

- Milli-Volt chasing: reduce Ohm's resistance
- Anode-cathode distance
- Heat balance
- Control of magnetic fields
- Reduce operational variations with improved control system

Examples of innovations behind HAL4e performance

- Copper inserts
- Anode developments and yoke design
 - Optimized anode yoke design up to 0.3 kWh reduction in energy consumption per kg aluminium
- Cathode developments
- Process control system
- Heat recovery



$$Al_2O_3 + \frac{3}{2}C + Energy = 2AI + \frac{3}{2}CO_2$$



Karmøy technology pilot concept

- Karmøy technology pilot with annual production of 75 000 mt
 - 48 cells HAL4e technology,12 cells HAL4e Ultra
- Pilot also responding to need for improved performance of existing smelters in challenging market conditions
 - New spin-off technology elements and improved process control
 - Pilot will reduce risk and cost of implementation
- Around ~50% of 200 000 mt creep ambitions coming from Pilot
 - estimated annual EBITDA effect of NOK ~300 million*
- Build-decision dependent on total power solution, market balance and outlook







Hydro in the forefront of casthouse and recycling technology

AFM (adjustable flexible mould) – sheet ingot casting technology

- Improved capabilities towards advanced automotive segment
- Automated start up giving improved safety
- Reduced cost (e.g. scrap rate, changeovers*) internally and for customers

Advanced shredding and sorting technology

- Improved capabilities for utilizing post-consumed scrap
- Utilizing X-ray transmission to sort elements
- Core technology protected through patents







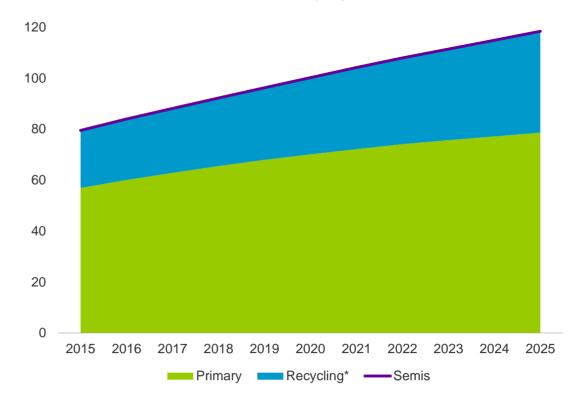
^{*}The process of changing the form-set to allow for the casting of another dimension

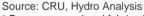
^{**} WMR Recycling GmbH

Taking advantage of the growing post-consumed scrap stream

- Expect increasing amount of post-consumed scrap
- WMR acquisition allows Hydro to "dig deeper" into scrap pile
- Benefit from increased margins through utilizing lower-grade scrap
- Trend towards customer demanding recycled and sustainable materials
- Positive contribution to Hydro's overall carbon footprint







^{*} Post-consumed and fabrication scrap



Targeting the high-growth automotive segments

Strong commitment to quality

Sheet ingot

- AFM¹ implementation in both Årdal and Høyanger rapidly increasing automotive volumes
- Large shift in portfolio entry into new product segments/ alloys, in particular automotive body sheets

Extrusion ingot

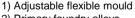
- Working closely with customers to develop alloys with tailor made properties
- Advanced production of alloys to automotive customers heat exchangers one of the main end-products

Foundry alloy

Increasing PFA² demand from automotive sector





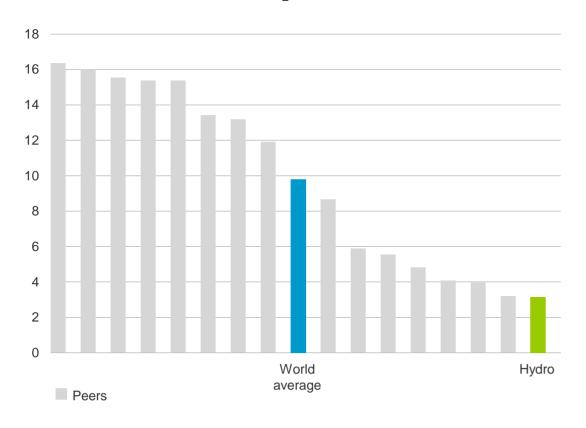


²⁾ Primary foundry alloys



Green energy base gives Hydro low carbon footprint

Indirect emissions, in tonne CO₂/t al



- Primary Metal consumes ~31 TWh of energy per year in primary smelters*
- ~2/3 of current aluminium capacity covered with long-term hydro power supply
- ~1/3 of current aluminium production covered with equity power
- Current aluminium capacity >80% with energy coverage until 2024

Source: CRU 2012



^{*} Hydro's consolidated share

Primary Metal mid-term goals

Creating shareholder value by strengthening relative cost position through lean operations and technology

Ambitions	Target	Timeframe
Improve safety performance – strive for injury-free environment	TRI <2	2020
 Deliver BNOK 1 bn under new improvement ambition 	BNOK 1.0	2019
 Realize ~200 000 mt technology-driven capacity creep 	200 000 mt	2025
 Verify world's most energy efficient primary technology, including spin-off elements 	complete Pilot*	2017**
 Increase post-consumed scrap recycling to improve margins and environmental footprint 	150 000 mt	2020

Better Bigger Greener



^{*}Karmøy technology pilot

^{**}Dependent on build decision early 2016



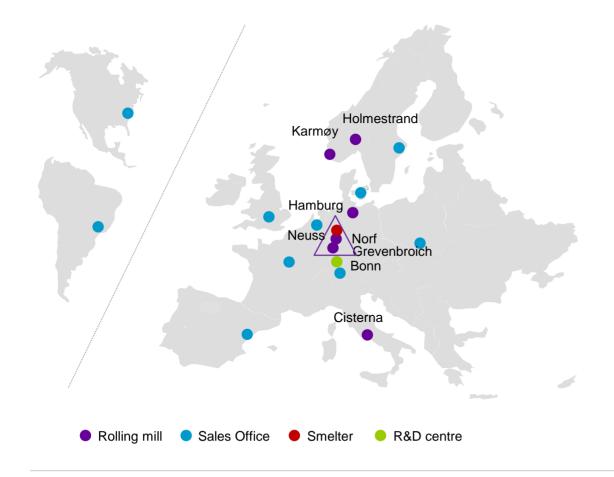
Rolled Products

Kjetil Ebbesberg Capital Markets Day 2015



Hydro Rolled Products

Aiming to be No. 1 in Europe and world benchmark



- Strong European production base and global sales force
- 1 million tonnes of flat rolled products per year
- Unique integrated aluminium cluster:
 - smelter
 - world's largest rolling mill
 - dedicated conversion mill
- Casthouse network and integrated recycling capacity
- Industry-leading R&D facility



Improving weak safety performance is our number one priority

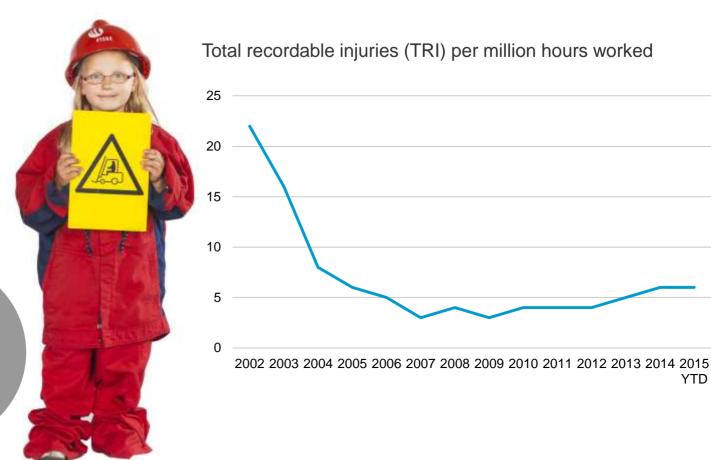
Increasing awareness and fostering safety culture

Continue with risk management, which has reduced the severity of accidents

Strengthening continuous improvement and learning through employee involvement

 Increasing accountability and competency through leadership training programs

> I take time to think about risks





YTD

Rolled Products strategic priorities

Building on solid foundation, pursuing attractive opportunities

Better

- Improve safety performance and drive for operational excellence
- Differentiate through innovation, quality, service and lead time

Bigger

- Enhance market positions and portfolio high-grading
- Strengthen relative industry position

Greener

- Fulfill customer and environmental needs
- Key contributor to Hydro's overall carbon-neutrality ambition



Rolled products: High-grading portfolio and improving cost position



Began installation of the new UBC recycling line



Achieved all-time high quarterly result in Q2



Achieved all-time high quarterly result in Q3

Oct



Completed Climb improvement program 800 MNOK



Jan

Started construction of the

AL3 automotive line

Apr

July

Signed competitive power contract for Neuss smelter





Divestment announced for non-core Slim rolling mill



Initiated 900 MNOK 2016-2019 improvement ambition







CMD

2015

Strong positions in market segments with high focus on quality and innovation









Ambition

Automotive
Gain No.2 position
in European BiW

FoilDefend global No. 1 in high-end plain foil

Beverage canMaintain No.3
position in Europe

LithographyDefend global
No.1 position

Special products
Maintain No.1
position in Europe

Market growth

World ~11% Europe ~10% World ~2-3% Europe ~1%

World ~4-5% Europe ~2-3% World ~1% Europe ~-2% Europe ~2-3%









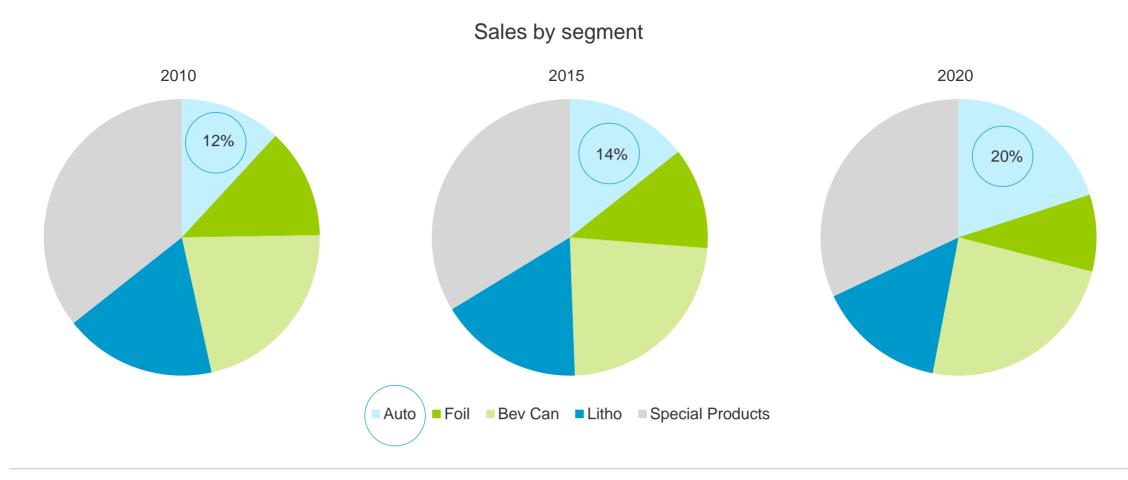






Optimizing product portfolio by expanding in higher-margin segments

Pursuing attractive automotive growth opportunity





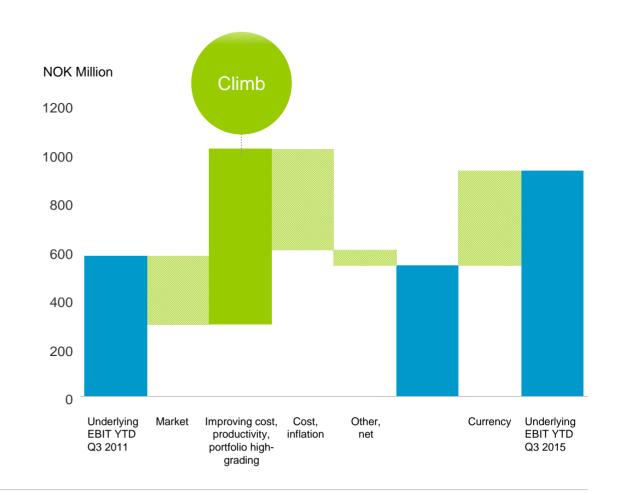
«Climb» improvement program delivered one year ahead of time*

Target 800 MNOK 2012-2016

Time period

Contributions driven by

- High-grading product portfolio
- Margin and portfolio mix
- Productivity improvement
- Reducing net cost level





^{*} Based on status start of december 2011 as baseline. Realized in nominal terms

New improvement ambition launched

Significant contribution from recycling, operational improvements and portfolio high-grading

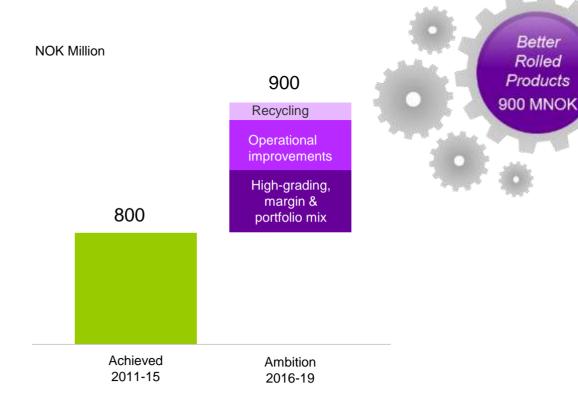
Target 900 MNOK 2016-2019

Time period

Improvement driven by

- Recycling
- Operational performance
- Supply chain management
- Automotive growth

- Product high-grading
- Margin and portfolio mix
- Culture change





Step change in efficiency and quality of foil products

High-grading our leading high-end foil by further enhancing foil strength and elongation

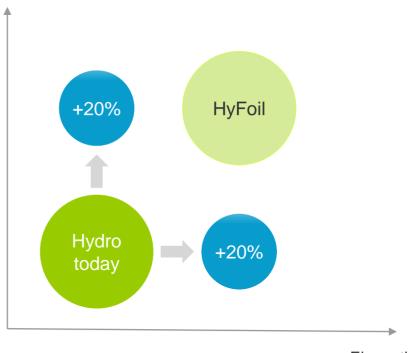
- Next generation converting foil: sophisticated alloy combined with shorter production routing
- Significant customer advantages
 - Faster speed on their converting lines
 - Thinner gauges
 - Better technical properties
- Proof of concept ongoing







Tensile strength



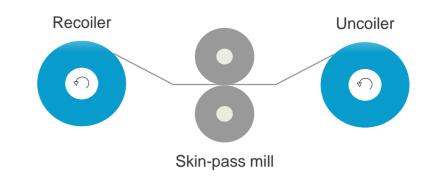
Elongation



Step change in automotive surface quality

Automotive skin pass mill offers increased design flexibility for OEMs¹

- EDT² surfaces are required by OEMs. Today rolled with standard cold mills
- Dedicated process at new AL3 line will generate significantly improved EDT surface
- A step change in formability of BIW parts
 - More complex forms possible
 - Full freedom of design for automotive customers







¹⁾ Orginal equipment manufacturer

²⁾ Electric discharge texture

Automotive line 3 moves Hydro towards No. 2 position in European BIW

Realizing an attractive growth opportunity



- Lifting nominal capacity to 200,000 mt/year
- Includes dedicated skin pass mill for EDT surfaces
- On time and on budget, start of production Q4 2016
- Sales contracting ahead of plan



Used beverage can recycling facility ready for start-up in end-2015

Lowering the metal cost and contributing to Hydro's carbon neutrality target



- Strengthening unique aluminium cluster
- >40 kt/year of liquid aluminium from recycled beverage cans
- State-of-the-art sorting technology for full control of alloy composition
- End-of-life-cycle recycling underlining responsible use of resources



Fulfilling customer and environmental needs

User phase benefits of aluminium products - the biggest contributor to Hydro's carbon-neutral ambition

Optimizing plant efficiency

Emission reduction through state-of-the-art rolling technology

Extending R&D lead

Developing products with environmental benefits in the user phase

Recycling

Strengthening recycling capabilities to secure sustainable metal supply



Packaging

Aluminium packaging reduces food waste and keeps food fresh without cooling



Cars

Aluminium replaces heavier material, saving 3 – 4 times more CO₂ emissions than aluminium production needs



Buildings

Heat insulation with aluminium roller shutters saves more energy than needed to produce aluminium



Renewable energy

Aluminium is a major part of all renewable energy solutions, such as photovoltaic modules or wind turbines



Rolled Products mid-term goals

Creating shareholder value with technology, product innovation and customer relations

Ambitions	Target	Timeframe
Improve safety performance – injury free environment	TRI <2	2020
Deliver on new improvement ambition	900 MNOK	2019
Differentiate through product innovation, quality and service	Min.1 step change/year	Annually
Build up automotive BIW capacity	200 kmt*	2017
Fully ramp up new recycling capacity with UBC line	>40 kmt	2017
Lift post-consumer scrap recycling	>100 kmt	2020

Better Bigger Greener



^{*} Refers to nominal capacity







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Next events

Fourth Quarter Results
February 17, 2016

For more information see www.hydro.com/ir

