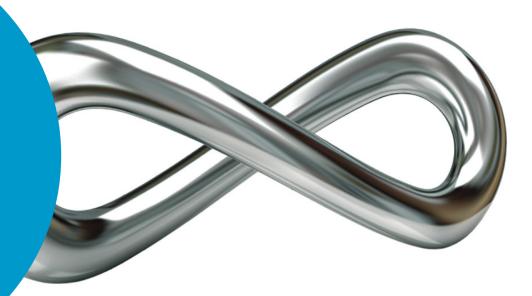


Norsk Hydro

Svein Richard Brandtzæg 2017 Global Metals, Mining & Steel Conference



Better Bigger Greener

A resource-rich and fully integrated global aluminium company

Hydro with strong market positions globally



Extrusion ingot, sheet ingot, primary foundry alloys and wire rod



^{**} Primary foundry alloys

^{***} Outside China

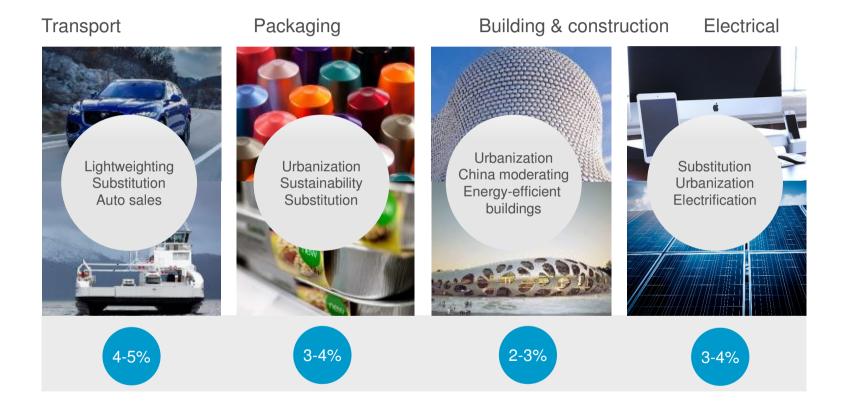


Volatile markets, solid demand growth



Aluminium's reach is growing in response to key long-term trends

Substitution continues to be a key driver for aluminium



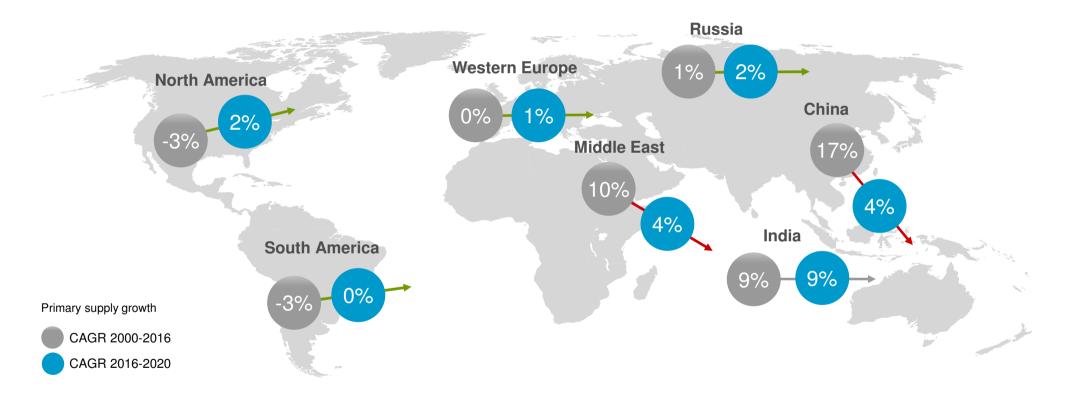






Primary supply growth moderating

Chinese and Middle East primary production growth coming down

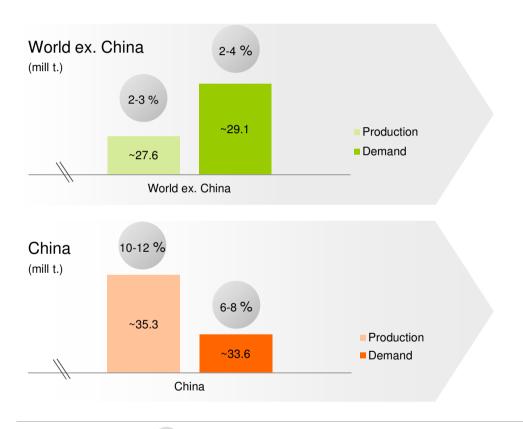


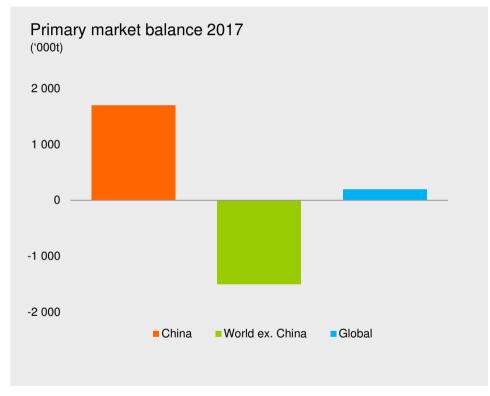
Source: CRU



Primary aluminium market expected to be largely balanced in 2017

2017 global demand growth outlook 4-6%





Source: CRU, Hydro analysis

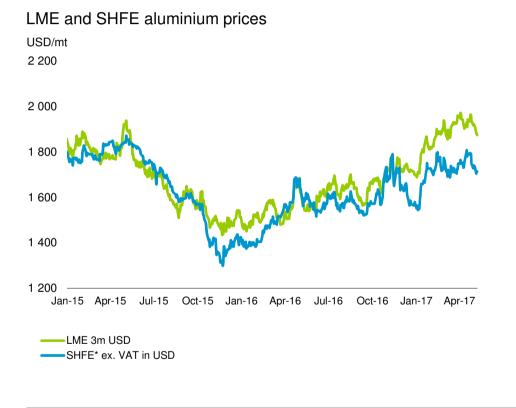


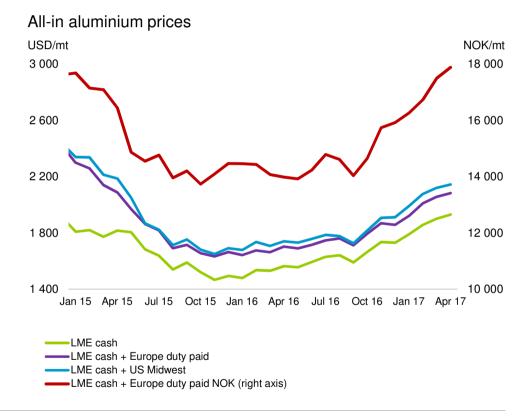
Growth from 2016 to 2017



Increasing average all-in aluminium prices in 2017

Widening arbitrage between LME and SHFE in Q1-17 compared to Q4-16

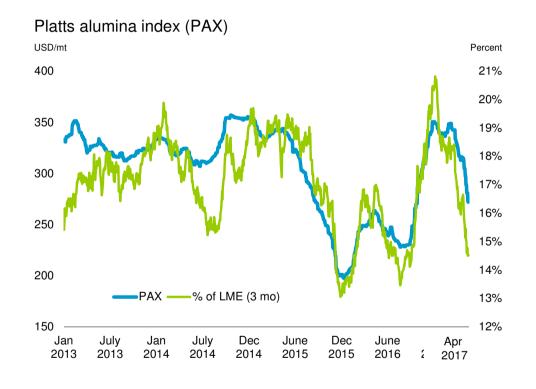


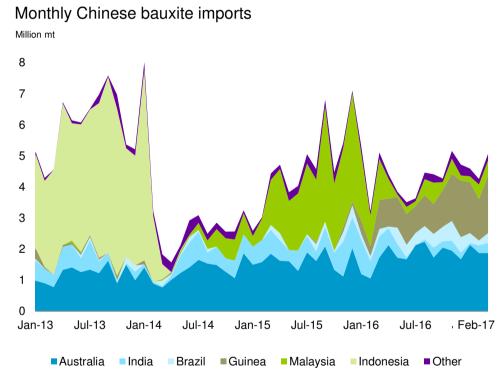


Source: Metal Bulletin, Platts, Reuters Ecowin, Hydro analysis
* Shanghai Futures Exchange



Declining alumina prices, Atlantic bauxite exports to China rise





Source: Platts, Ecowin, China Customs





Further strengthening Hydro's solid position



Conducting business the Hydro Way

Safety and environment



Safety performance (TRI) at industry benchmark

2.6*

2020 ambition of a TRI rate below 2.0 and zero fatalities

In progress



Carbon-neutral from a life-cycle perspective

On track

Close reforestation gap by 2020

On track

Corporate responsibility









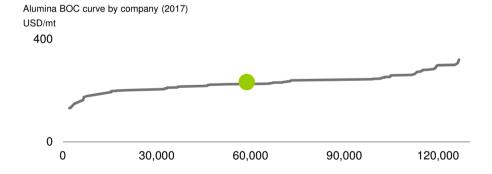


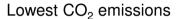


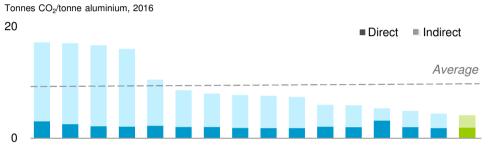
^{*} TRI rate for own employees 2016 - total recordable incidents per million hours worked

Operational leadership among peers

Solid cost positions in aluminium value chain Smelter BOC curve by company (2017) USD/mt 2,000 500 30,000 60,000

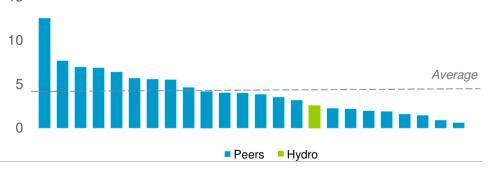






Among the best on safety performance

Incidents per 1 mill hrs worked among ICMM member companies, 2016 15



Source: CRU, International council on mining and metals (ICMM)



Proven track-record of productivity gains continues

Industry's most ambitious improvement efforts on track, with NOK 1.4 billion delivered in 2016



Target 2019

NOK 1 billion







Target 2019 NOK 1 billion





^{*} Real 2015 terms. Includes some larger investments of NOK ~3 billion NOK in 2015-2019: AL3 and UBC in Rolled Products. Creep projects in Primary Metal. Alunorte debottlenecking in B&A.

2017: Inaugurating new automotive line & technology pilot

Quadrupling body-in-white capacity to 200,000 mt/year & verifying world's most climate-efficient electrolysis

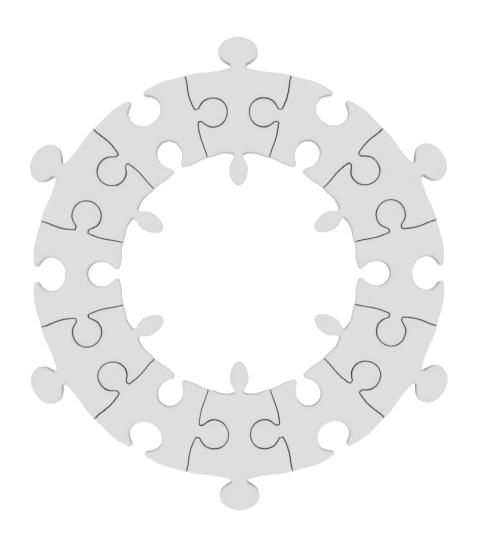










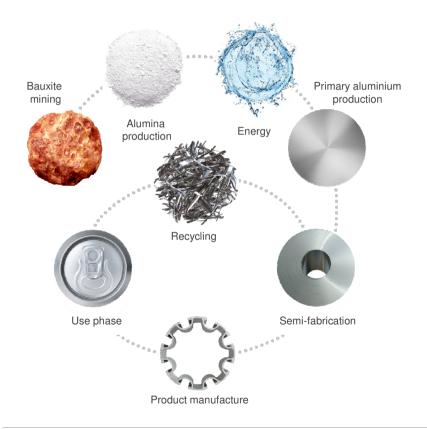


Hydro's strategic direction



Full value chain approach for higher value creation

Dedicated business models in each area combined within an overall company framework



Benefits of Hydro's integrated model

Operations and technology

- Operational excellence
- Continuous improvements
- Technology and innovation

Customers and markets

- Customer cooperation
- Commercial edge & innovation
- Market understanding

Responsibility and climate

- Value chain control
- Sustainability and climate
- Compliance and responsibility

Growth and exposure

- Business development
- Growth opportunities
- Full cycle exposure



Hydro's strategic direction

Tailoring our competitive advantages to the key drivers and challenges in the world of tomorrow



Hydro improvement drive continues at full pace

- Continue improvements drive
- Capture commercial opportunities
- Extend technology and innovation lead





A solid platform for building an even stronger Hydro

- Further strengthen relative industry position
- Enhance market positions and high-grade portfolio
- Mature selective growth projects for when time is right

Greener



Hydro aims to be climate neutral by 2020

- Turn leading HSE/CSR position into competitive advantage
- Deliver on fast-developing customer demands
- Capitalize on strong climate position over time



Global aluminium's most ambitious climate strategy

Carbon-neutral by 2020 from a life-cycle perspective

Hydro's climate strategy

Climate and energyefficiency in production

Use-phase benefits

Recycling



Value-creating implementation examples











Karmøy technology pilot Primary Metal, Norway

Alunorte Fuel Switch Project Bauxite & Alumina, Brazil

Automotive line 3
Rolled Products, Germany

UBC recycling line Rolled Products, Germany

Clervaux upgrade
Primary Metal, Luxembourg



Lifting performance, driving shareholder value



Managing cyclicality through financial strength and flexibility

- Maintain financial strength and flexibility
- Lift cash flow generation
- Maximize potential for sustainable shareholder value creation



Strengthening competitiveness through improvements and high-grading

- Strengthen leading positions in safety and sustainability, pursue compliance always and everywhere
- Improve relative industry position through improvements drive
- Shift portfolio towards high-margin segments for advanced customers



Differentiating through the integrated value chain

- Add customer-value through unique integrated value chain model
- Extend technological lead to high-grade, innovate and lift efficiency
- Capitalize on one of the industry's most sustainable portfolios





