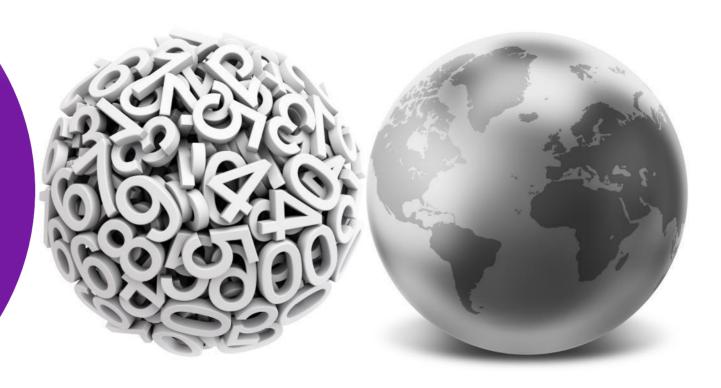
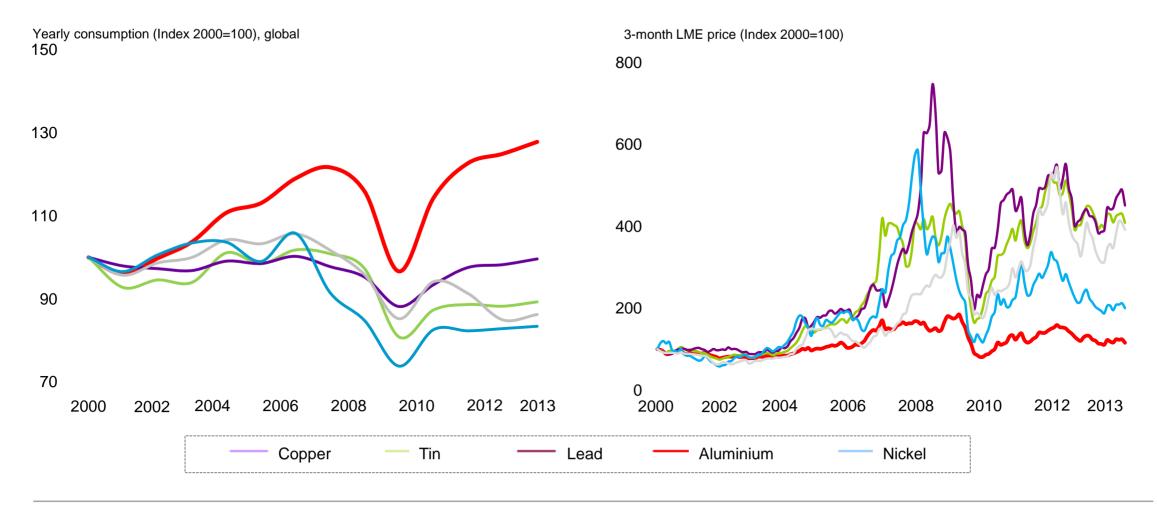
Market Update
Pål Kildemo
Head of IR





The paradox of the aluminium industry

Demand winner - yet price laggard



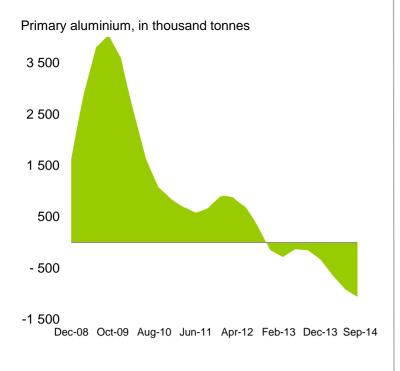
Source: CRU/Global Insight



Improved market balance

Brighter outlook after years of overproduction, world ex-China

Production less demand world ex-China Quarterly annualized*



Supply/demand world ex-China**

Primary aluminium, in thousand tonnes







Inventory days

World ex-China reported primary aluminium inventories





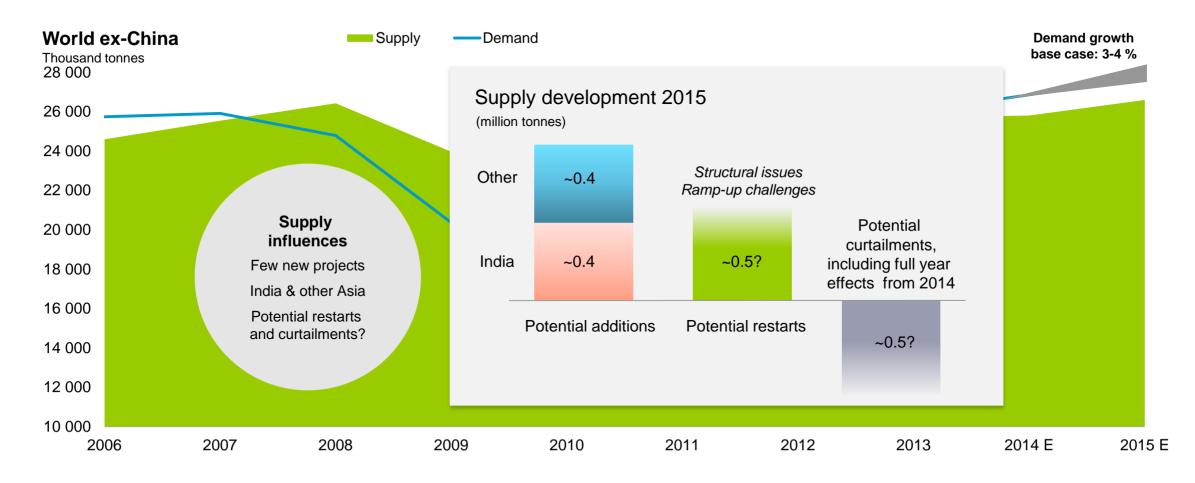


Source: CRU/Hydro

*12 month rolling average ** CRU estimates



Supply growth next year mainly in Asian regions

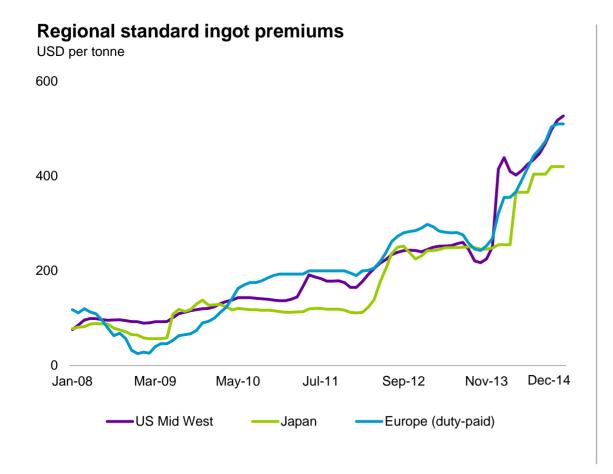


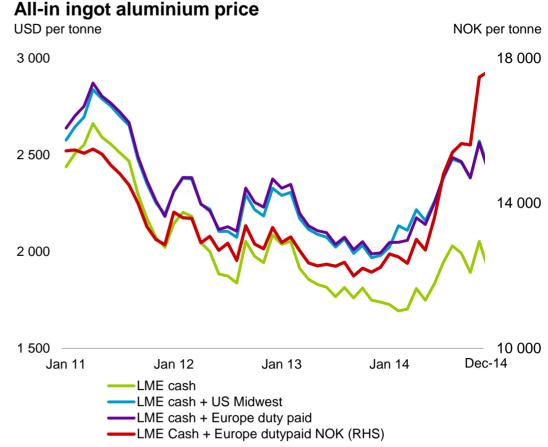
Source: CRU, Hydro Analysis



All-in price of aluminium in upward trend

All-in ingot price exceeds USD 2 500/tonne as premiums continue to rise to new records

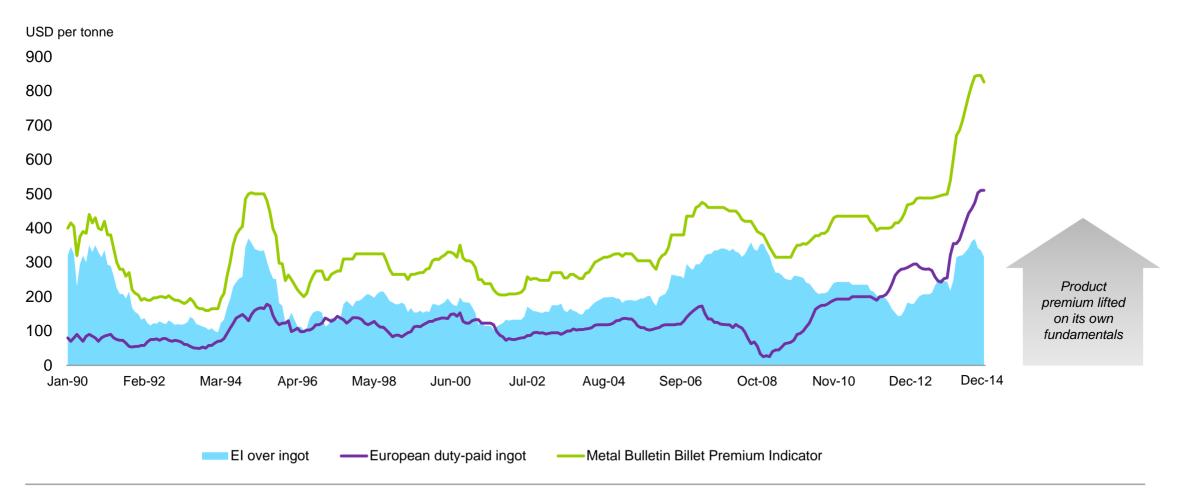




Source: Metal Bulletin, MW/MJP: Platts



Product premiums also at record high levels

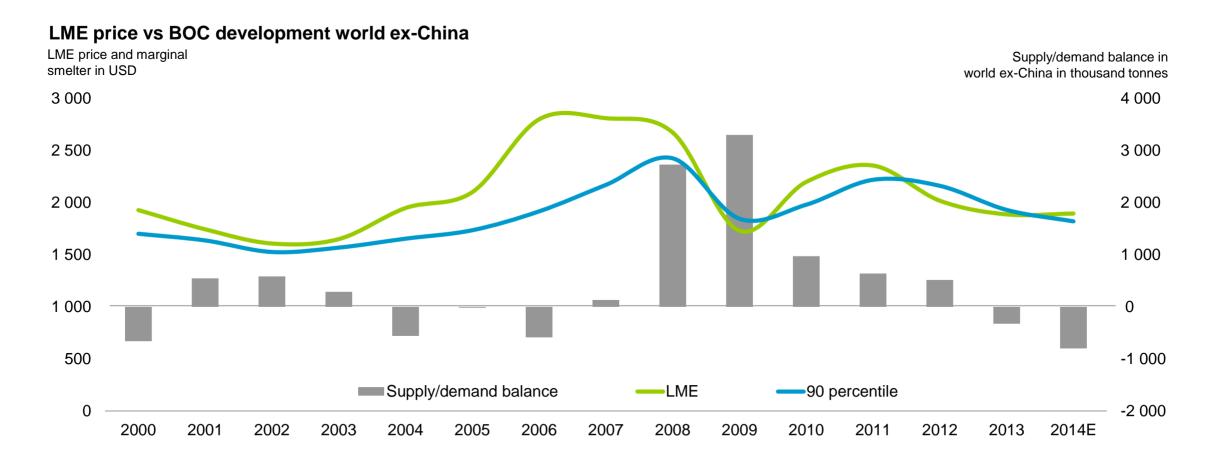






Market balance indicates pricing above 90th percentile on the cost curve

High inventories separates current period from earlier periods where demand exceeded production



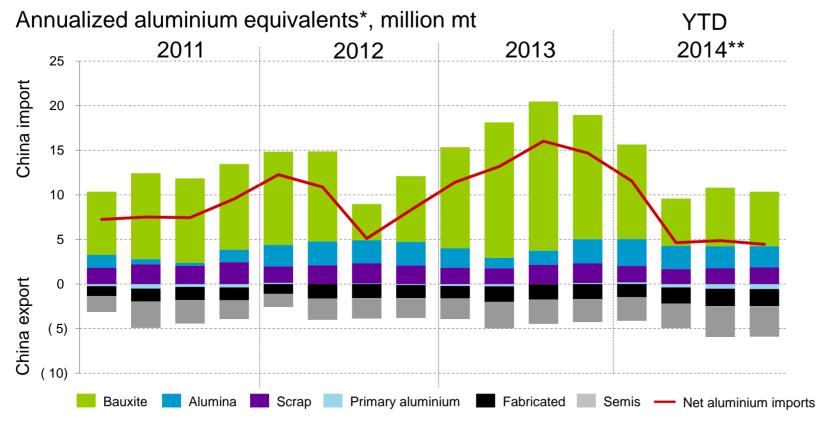


*BOC = Business Operating Costs



China to remain balanced on imports/exports of primary aluminium

Bauxite import declined amid Indonesian export ban



- Bauxite and alumina
 - Significant drop in bauxite imports since January
 - Alumina imports increasing 33% YTD
- Primary aluminium
 - No significant import or export expected in 2015. Export duties remains at 15% as before.
- Semis and fabricated
 - Uptick in export of semis and fabricated products

Source: CRU/Antaike/Hydro



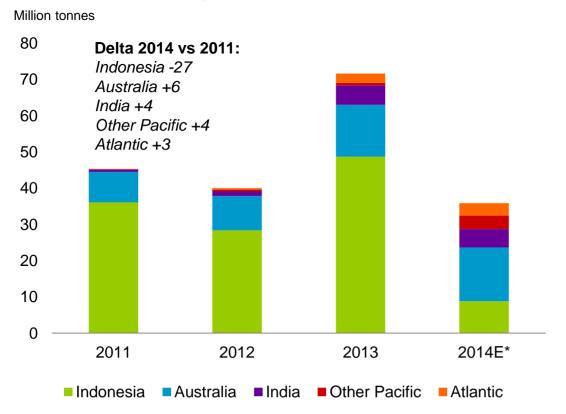
^{*} Bauxite/alumina to aluminium conversion factor: 5.0/1.925

^{**}December estimated to be same as November

China developing new bauxite import sources

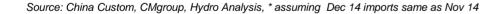
No Indonesian bauxite exports translates to higher prices average CIF China

Import volume by origin



Value-in-use bauxite price increasing more



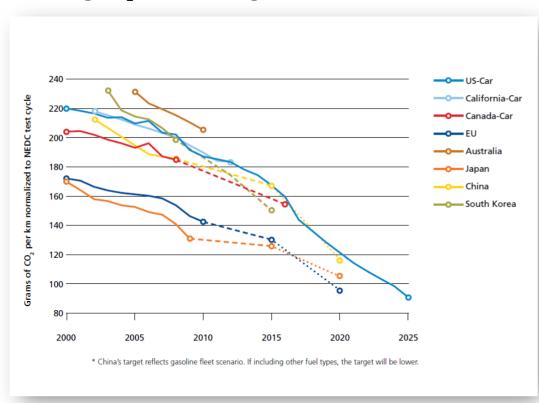




Lighter vehicles make a big impact on the climate challenge

Aluminium – part of the solution

Declining CO₂ emission targets around the world





3,100 kg

C0₂ emissions **327** g/100 km

For each
10% reduction
in vehicle weight,
car manufacturers
achieve fuel-savings
of 5-7%



Land Rover Sport 2014

2,200 kg

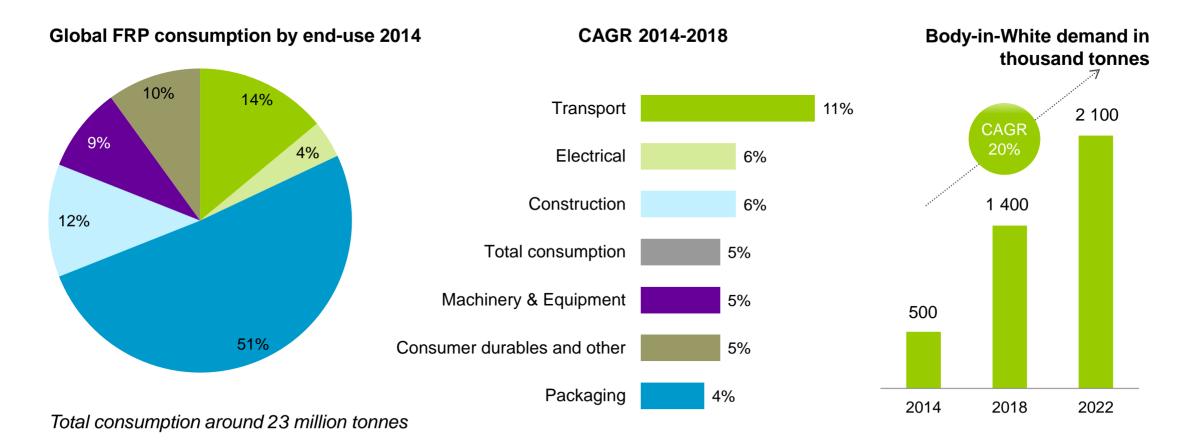
C0₂ emissions **194** g/100 km





Robust long-term growth outlook for flat rolled products worldwide

Transport is main driver for growth – Body-in-White consumption growth outperforming all other segments





FRP - Flat rolled products

CAGR - Compound annual growth rate



Hydro's aspiration for higher value creation



Better Bigger Greener



Better

Bigger Greener

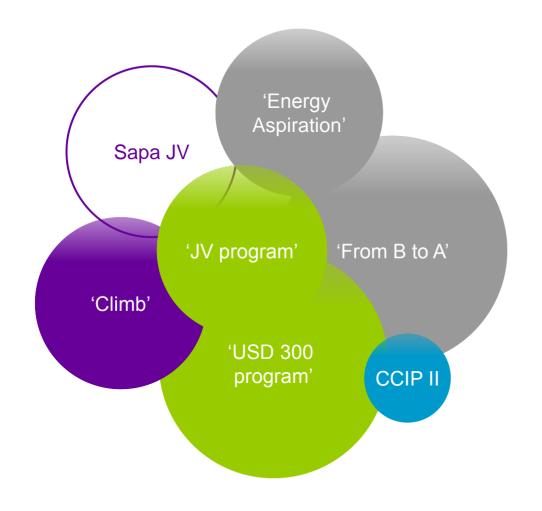
- Continue improvements drive
- Capture commercial opportunities
- · Extend technology and innovation lead

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

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



Hydro improvement drive continues at full pace



Total contribution from Hydro's improvement programs (excl. Sapa)

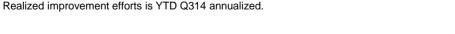
2011*-2014

BNOK 3.7

2015-2016**

BNOK 1.5

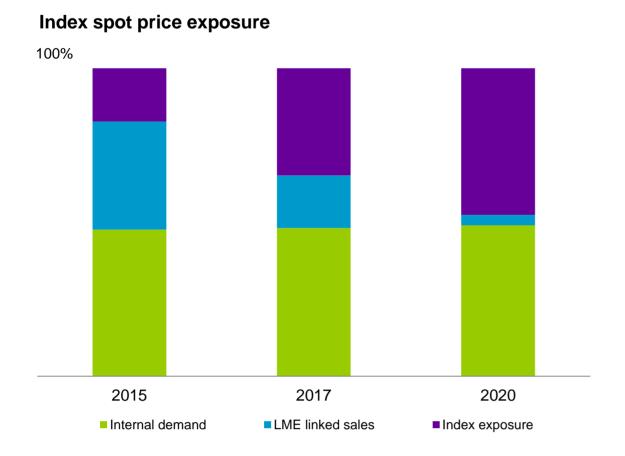
^{**} Real 2014 terms



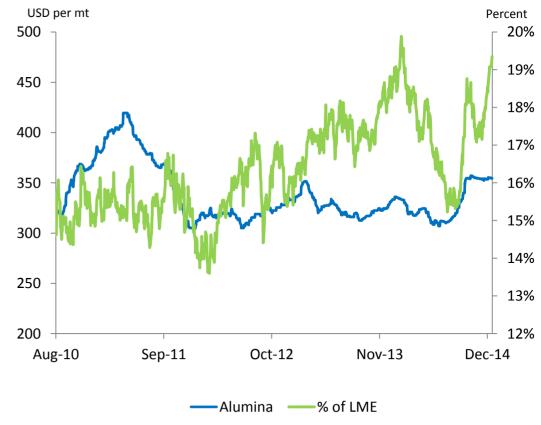


^{*} USD 300 from 2009

Alumina pricing on own fundamentals



Alumina price





Bigger: A solid platform for building an even stronger Hydro



Bauxite & Alumina

- Move beyond nameplate capacity
- Further improve bauxite positions
- Mature CAP project and Paragominas expansion for when time is right



Energy

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



Primary Aluminium

- Enhance position in high-margin segments
- Realize 100,000 tonnes creep in fully-owned smelters
- Extend technology lead with Karmøy pilot plant
- Mature Qatalum 2 and Alouette expansion for when time is right



Rolled Products

- Expand automotive capacity to 200,000 t/yr by end-2016
- Increase recycling of postconsumed scrap above 250,000 t/year*
- Build positions and lift margins through technology leadership and innovation



^{*} Includes recycling ambition in Primary Metal

The industry's most ambitious climate strategy: Carbon-neutral by 2020

Supported by the three pillars of Hydro's technology strategy



Energy and primary production

Reduce emissions, increase efficiency



Aluminium in use

Maximize userphase benefits



'End-of-life'

Increase recycling, back to the loop

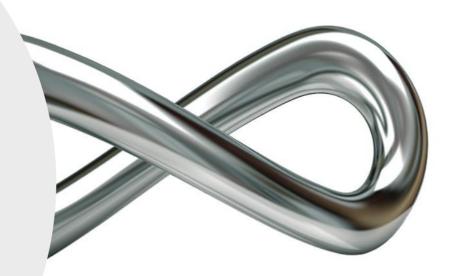




Hydro 2015

Lifting performance and shareholder value in tight physical markets

- Delivering on improvement programs
- Targeting high-margin markets and maturing growth portfolio, while maintaining tight capital discipline
- Increasing energy-efficiency and lowering climate footprint



Better Bigger Greener



