

# Norsk Hydro ASA

Bank of America ML Conference

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# Trends supporting demand for low-carbon aluminium

- Green transition in major regions requires more aluminium, e.g., higher aluminium content in EVs
- Higher end-product adaption of aluminium due to recyclability
- Focus on ESG could phase significant upside for green products
- Primary aluminum based on renewable power will qualify under the EU taxonomy criteria
  - No thresholds have been included for recycling. All secondary aluminium is taxonomy compliant.
- Increasing cost of supply towards next decade due to new projects with higher capex based on hydropower
- Restrictions on supply growth, especially in China, reduce risk of sustained over-capacity next decade

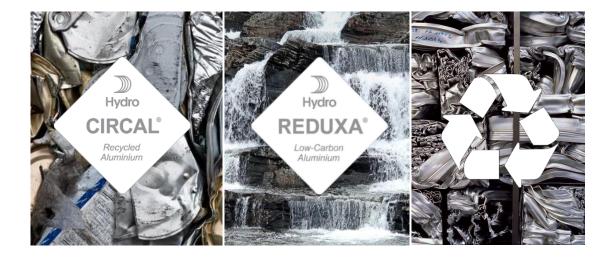


## Hydro 2025 strategy

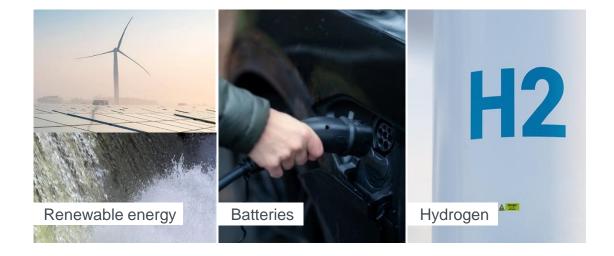


Seizing opportunities where our capabilities match megatrends

1 Strengthen position in low-carbon aluminium



2 Diversify and grow in new energy





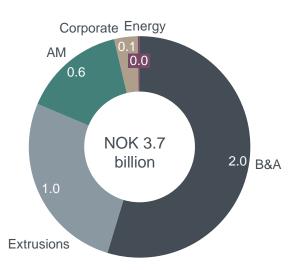
## Improvement program ahead of plan



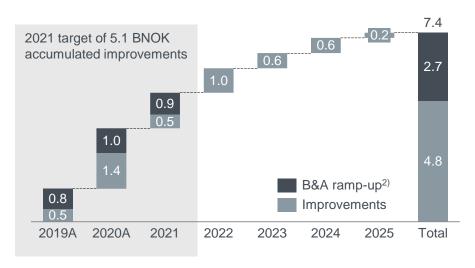
New improvement target of NOK 7.4 billion by 2025 and commercial ambition of NOK 1.5 billion adjusted for Rolling<sup>1)</sup>

## Improvement program

2020 accumulated improvement

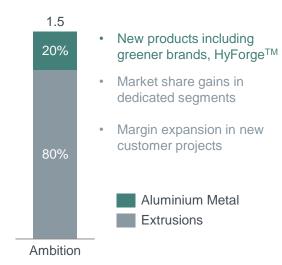


2025 accumulated improvement potential by year NOK billion



#### **Commercial ambition**

Additional NOK 1.5 billion in market and customer growth opportunities by 2025



2) Alunorte and Paragominas ramp-up to full nameplate capacity

Achieved NOK 0.5 billion of 1.1 billion 2025 target by 2020, and represented a commercial ambition of NOK 0.5 billion

# We experience strong demand for our low-carbon product, Hydro REDUXA



## Google Hudson Square in Hydro REDUXA facade...



450 tonnes of Hydro REDUXA1.3 million square feet office space

... produced at Hydro's Sunndal plant in Norway



 Hydro REDUXA capacity of ~415 kt, ~20% of Hydro total

## **Strong Q1 sales for Hydro REDUXA**



Increased Hydro REDUXA demand in Q1

# Sustainability: The basis for our future positioning

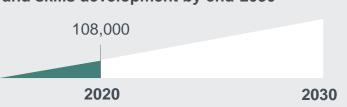


## Social responsibility

Human right, dialogue and being a good neighbor



Empowering 500,000 people with education and skills development by end-2030



#### **Environment**

Tailings Dry Backfill<sup>1)</sup> represents the end of new facilities for storage of bauxite tailings with CAPEX reductions of BRL ~2 billion<sup>2)</sup>



Rehabilitate mined out areas within two years<sup>3)</sup>



1:1



#### **Climate**

Important progress towards target to cut CO<sub>2</sub> emissions by 30% by 2030



Move towards net zero emissions 2050

Carbon capture

Hydrogen and new energy



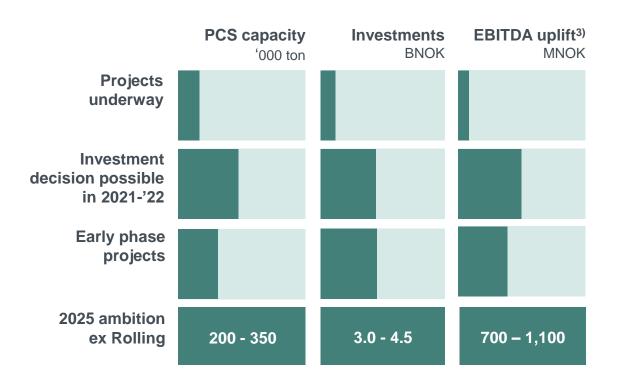
Biocarbon anodes

Carbon-free process

- 1) Tailings dry backfill at Paragominas mine
- 2) Capex savings refer to 10-15-year period. Savings reflected in capex forecast from CMD December 2020.
- 3) Rollling rehabilitation target, aiming to begin rehabilitation of all available mined areas within two hydrological seasons after release from operations

# Recycling - an attractive value creation opportunity

Projects under way to meet recycling ambition<sup>1)</sup>



## ~2 Mt recycling capacity currently in operation



<sup>1)</sup> Ambition across Hydro Extrusion and Aluminium Metal. Rolling excluded in all numbers.

<sup>2)</sup> Post-consumer scrap (PCS): scrap from products that have been in use, e.g., cars, buildings reaching end of life.

<sup>3)</sup> Recycling is an integrated part of the BAs' value creation and is reported as part of the BAs' total financial results. EBITDA uplift also driven by e.g., utilizing pre-consumed low-priced, complex scrap types. Pre-consumer scrap: internal or customer's/external process scrap.

# Expand and diversify in new energy areas.



### **Hydro REIN established**



#### **Milestones**

- 1GW investment decisions 2021
- Equity rase to be evaluated

## Extensive batteries pipeline with two investments in operations



#### 2025 ambition

- NOK 2.5-3.0 billion investments
- Pro rata EBITDA MNOK 600-700

#### **Exploring hydrogen opportunities**



#### **Strategy**

- Explore hydrogen potential
- Equity raise to be evaluated



Industries that matter