



Hydro REDUXA 4.0
Low-carbon aluminium



Hydro REDUXA

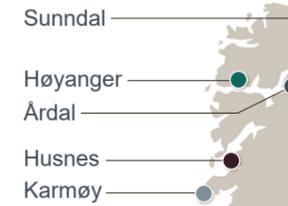
Meet your sustainability goals – with low-carbon aluminium



When your customers want greener aluminium products with a lower carbon footprint, give them Hydro REDUXA.

Our range of extrusion ingots, foundry alloys, sheet ingots, forge stock and wire rods is guaranteed to have generated a maximum 4.0 kg CO₂-equivalents per kg of aluminium – one-fourth the global average. We do this by using renewable energy sources like hydro power and hyper-efficient electrolysis technology at our aluminium plants in Norway. By mastering every step of the entire value chain, from bauxite mining to alumina refining to aluminium production, and on to recycling, we are in a unique position to control every aspect.

Available from our smelters in:



Available in all formats and alloys:

Hydro REDUXA is supplied from Hydro's Norwegian smelters, all based on electricity from renewable sources: hydropower, wind and solar. Hydro REDUXA can be delivered as:



Benefits of Hydro REDUXA 4.0

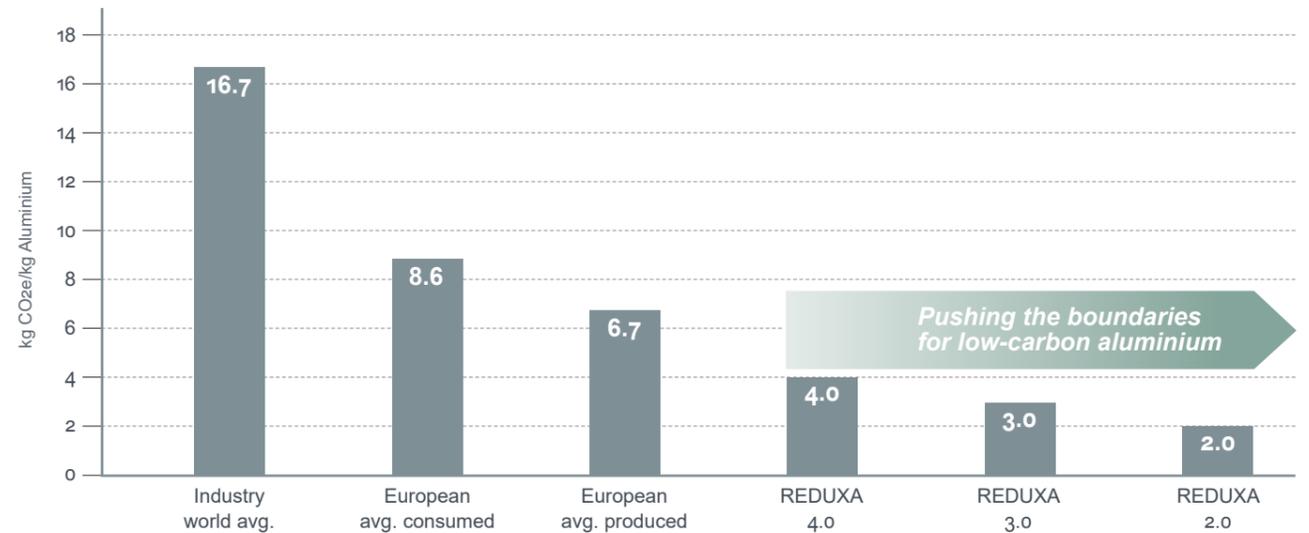
- Maximum or below 4.0 kg CO₂e/kg aluminium, including all process steps (Scope 1, 2 and 3)
- TRACEABLE down to each individual batch
- VERIFIED by DNV-GL according to ISO 14064
- CONFIRMED by Environment Product Declarations
- Available as Aluminium Stewardship Initiative-certified aluminium



SCOPE 1:
Direct emissions from electrolysis and fuel combustion unit processes

SCOPE 2:
Emissions from the production of electricity

SCOPE 3:
Other emissions (e.g. from transport, cold metal, etc.)



From mine to metal



Note: Kilograms of CO₂-equivalents in the Hydro REDUXA value chain

Sustainability is about more than just the carbon footprint



Hydro aluminium is now ASI certified throughout the value chain. Hydro is an active member of the Aluminium Stewardship Initiative (ASI). ASI's mission is to recognize and collaboratively foster the responsible production, sourcing and stewardship of aluminium.

All the sites where our Hydro REDUXA is produced are certified according to the ASI Performance standard and the ASI Chain of Custody standard.



DNV GL is a global quality assurance and risk management company providing certification, classification, technical assurance, software and independent expert advisory services to customers across a wide range of industries.

ENVIRONMENTAL PRODUCT DECLARATIONS

As a further service to designers and engineers looking for trustworthy data on environmental impacts, Hydro is releasing a series of EPDs for the REDUXA products where you will find the full declaration of transparent and comparable information about the product and its life-cycle environmental impacts.

The EPDs can be downloaded at hydro.com



We are aluminium

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Hydro is a fully integrated aluminium company with 35,000 employees in 40 countries. Rooted in more than a century of experience in renewable energy, technology and innovation, Hydro is engaged in the entire aluminium value chain, from bauxite, alumina and energy to primary aluminium, rolled and extruded products and recycling.