



Hydro REDUXA

Low-carbon aluminium



Meet your sustainability goals – with low-carbon aluminium



When your customers ask for aluminium with a low carbon footprint

Hydro REDUXA carries a maximum footprint of 4.0 kg CO2 / pr kg of aluminium - less than one third of the global average. The low footprint is achieved by using renewable power and efficient electrolysis technology in our Norwegian smelters.

With ownership across the entire aluminium value chain, Hydro has direct control over sourcing, production, and quality – providing transparency and traceability to our customers.

By adding post-consumer scrap in the casting process, we can further reduce the carbon footprint to 3.5- or 3.0 kg CO2 / pr kg of aluminium.

Available from our smelters in:

- Sunnal
- Høyanger
- Årdal
- Husnes
- Karmøy

Available in all product categories 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:

EXTRUSION
INGOTS AND
FORGE STOCK

FOUNDRY
ALLOYS

SHEET
INGOTS

WIRE ROD

Benefits of Hydro REDUXA

- Maximum 3.0, 3.5 or 4.0 kg CO2e/kg aluminium, including all process steps (Scope 1, 2 and 3)
- TRACEABLE down to each individual production batch
- VERIFIED by DNV according to ISO 14067
- CONFIRMED by Environment Product Declarations
- Available as Aluminium Stewardship Initiative-certified aluminium

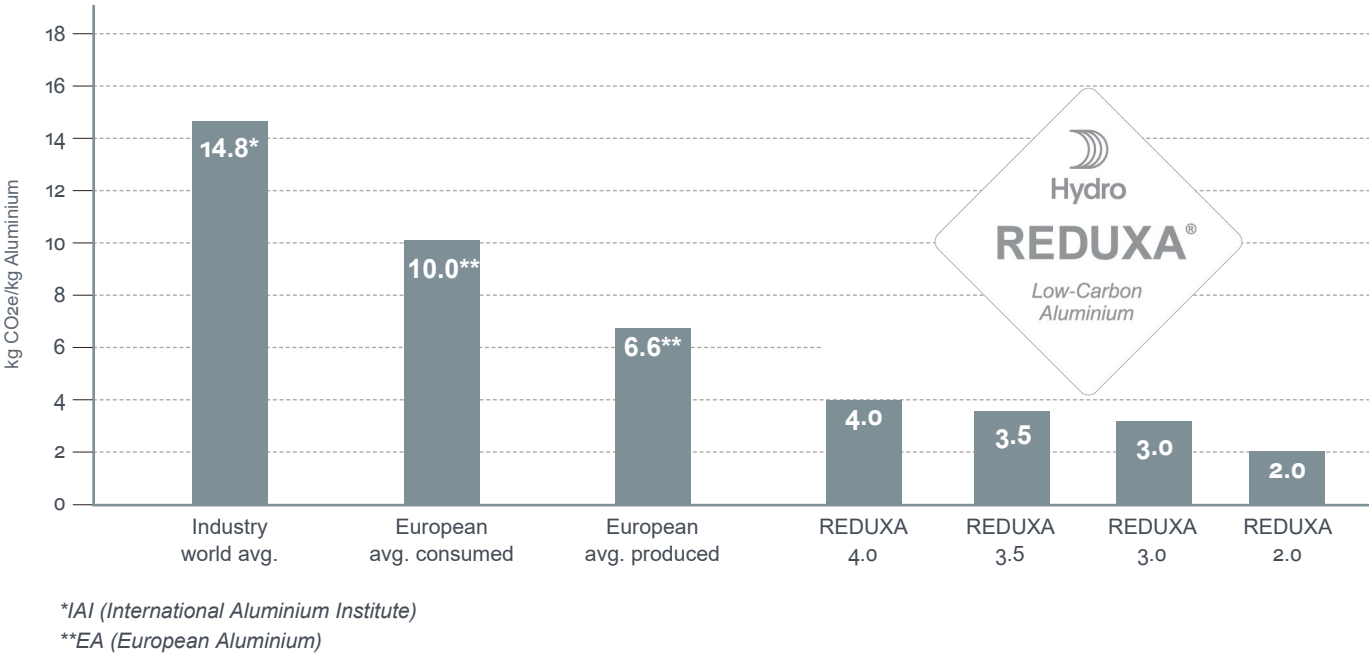


SCOPE 1:	SCOPE 2:	SCOPE 3:
Direct emissions from electrolysis and fuel combustion unit processes	Emissions from the production of electricity	Other emissions (e.g. from transport, cold metal, etc.)

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 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.