VERIFICATION STATEMENT

Project ID:	Initial verification date:	Valid:
PRJN-176287-2019-AST-NOR	01 June 2018	01 June 2023 – 30 June 2024

Hydro Aluminium Metal

DNV Business Assurance AS (DNV) was commissioned by Hydro Aluminium AS to provide a reasonable assurance third-party verification of the claim made under the **Hydro REDUXA** product line.

The Hydro REDUXA methodology secures a carbon footprint (CF) below 4.0 kg CO_{2e}/kg Al from Hydro smelters (production sites included in the scope please see attached appendix to this statement).

The verification of direct (scope 1) and indirect (scope 2 and 3) emissions was conducted under the requirements of ISO14064 and the Greenhouse Gas Protocol[1)].

The CF of Hydro REDUXA includes emissions from bauxite mining (fuel use and electricity purchased), alumina production (fuel use and electricity purchased and production of caustic soda and lime), alumina transportation (where information is available), smelter/electrolysis (process emissions, fuel use and electricity purchased, production of coke, pitch and anodes) and casting (fuel use and electricity purchased, purchased aluminium ingots, post-consumer scrap, pre-consumer scrap and aluminium part of alloy additives), considering direct and indirect GHG emissions as well as estimated emissions caused by other legal entities (scope 3 emissions).

The production system in the casthouse calculate the CF of each charge based on CF value of each material in the charge mix and QA check to control the calculation against order implemented. The material data in the production database is updated annually.

DNV has conducted verifications of Hydro's smelters in Norway as well as the Bauxite and Alumina production and Albras smelter in Brazil. The verification period has been from January 2023 to June 2023. DNV approaches a risk-based methodology when performing verifications, focusing on the material sources and processes. The following steps have been performed:

- Confirmation of organizational and operational boundaries.
- Document review, including Hydro REDUXA Methodology and SOPs.
- Interviews of key personnel to confirm implementation of the Hydro REDUXA Methodology and SOPs.
- Reviewed the data collecting routines, aggregation and consolidation of activity data used in the calculations.
- Review of calculation methods including application of emission factors to confirm an accurate calculation of CF (kgCO_{2e}/kg Al).
- Review the robustness of IT systems to calculate the actual CF (kgCO_{2e}/kg Al).
- Spot-checks of production charges to confirm that traceability requirements are met, and the calculations are correct.

In our opinion, the Hydro smelters in Norway and Albras smelter in Brazil satisfy the attained carbon footprint levels claimed under Hydro REDUXA product line and nothing has come to our attention that causes us to believe that the claim is not fairly stated.

Høvik, Norway, June 26th, 2023
DNV BUSINESS ASSURANCE NORWAY AS

Astrid Broch-Due	*Ole Andreas Flagstad*
Lead Auditor	*Technical Reviewer*

Lack of fulfilment of conditions as set out in the Verification Agreement may render this Verification statement.
ACCREDITED UNIT: DNV Business Assurance Norway AS, Veritasveien 1, 1363 Høvik, Norway - TEL: +47 67 57 99 00. www.dnv.no/assurance

Appendix to Verification Statement
Hydro Aluminium Metal

Sites included in the statement are as follows:

Site Name	Site Address
Hydro Aluminium AS Årdal	Verksvegen 1, 6882 Øvre Årdal, Norway
Hydro Aluminium AS Karmøy	Hydrovegen 160, 4265 Håvik, Norway
Hydro Aluminium AS Sunndal	Romsdalsvegen 1, 6600 Sunndalsøra, Norway
Hydro Aluminium AS Høyanger	Storgata 1, 6991 Høyanger, Norway
Hydro Aluminium AS Husnes	Onarheimsvegen 54, 5460 Husnes, Norway
Albras Alumínio Brasileiro S.A (joint venture with 51% Hydro shares and under operational control by Hydro)	Rodovia PA-483, Km 21 - CEP 68445-000 Distrito de Murucupi - Barcarena - PA Brazil

[1)] Hydro REDUXA methodology use location-based method for the electricity consumption (scope 2) based on the GHG Protocol