



INTERNATIONAL
ALUMINIUM

Aluminium, shaping a better tomorrow

GUIDELINES ON TRANSPARENCY – ALUMINIUM SCRAP

The aluminium industry, through the International Aluminium Institute (IAI), is committed to transparent information on the industry's products, production processes and performance.

These guidelines apply to products (including ingot, slab, billet, sheet, extrusion and foundry castings) containing scrap. The IAI has separately published a good practice document for calculation of the carbon footprint of primary aluminium and precursor product carbon footprints. The document can be downloaded [here](#).

1) When the greenhouse gas (GHG) footprint of aluminium products containing aluminium scrap are declared, the producer shall clearly state:

- The method of calculation of the carbon footprint, particularly in relation to any pre-consumer scrap¹ component.

For details on commonly used methods, please refer to the **Reference document on how to treat scrap flows in carbon footprint calculations for aluminium products**. This document is currently in draft, if you would like a copy of the draft report, please contact Marlen Bertram, IAI's Director – Scenarios & Forecasts (bertram@international-aluminium.org).

2) When supplying products with recycled content, producers shall declare the following:

- Calculated (or estimated) typical % of aluminium input from post-consumer scrap.
- Calculated (or estimated) typical % of aluminium input from all other scrap types (excluding internal/run-around scrap¹) including input from dross (metal content) and other aluminium containing wastes.

¹ ISO 14021:2016:

Pre-consumer material - Material diverted from the waste stream during a manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Internal material - Materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Note: material = scrap, internal = run-around

Please refer to the IAI regional default conversion factors (by region/product/alloy) for post-consumer scrap shares in case this is not known. The document can be downloaded [here](#).

The IAI will continue to work collaboratively to improve the utility, consistency, and comparability of information, particularly in relation to recycled content and carbon footprint of aluminium products.