apt Greenhouse Gas Pathway: Our road to Climate Neutrality

Transparent emission pathways for suitable aluminium processing

apt pursues an ambitious reduction pathway, aligned with the requirements of the Aluminium Stewardship Initiative (ASI) and international climate targets – through continuous process optimization, increased use of recycled materials, and close collaboration with our suppliers.

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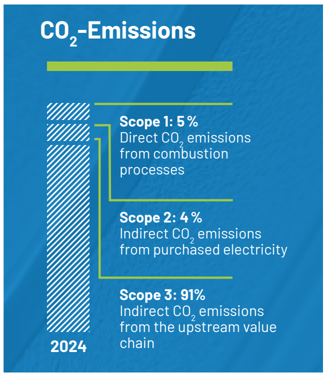
ALU PRODUCT TECHNOLOGY

Our Commitment

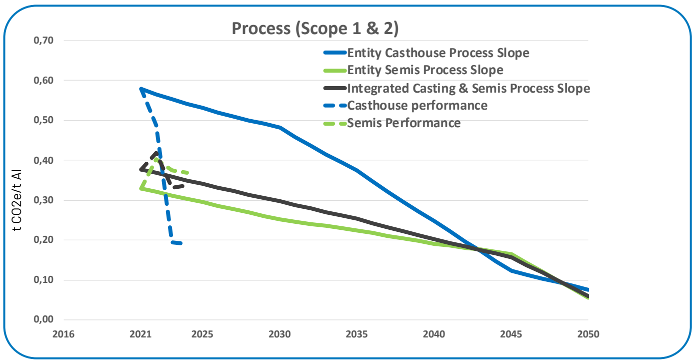


The apt Greenhouse Gas Pathway is based on a thorough analysis of all relevant emission sources:

- **Scope 1 and 2**: Own processes and energy,
- **Scope 3.1**: Purchase of aluminium for remelting (Cast House Procurement), and
- Purchase of billet precursor material for the production of semi-finished aluminium products (Semi-Fabricated Procurement).

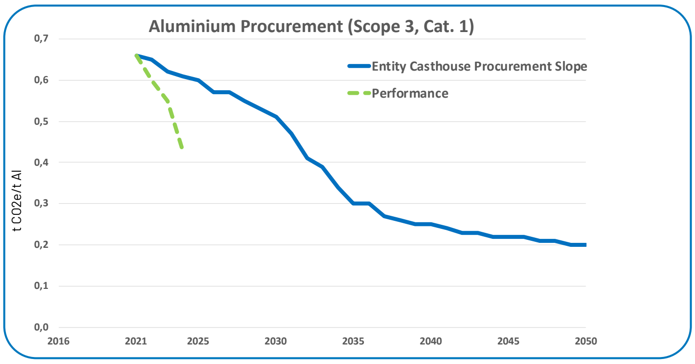
Emissions development in target vs. actual

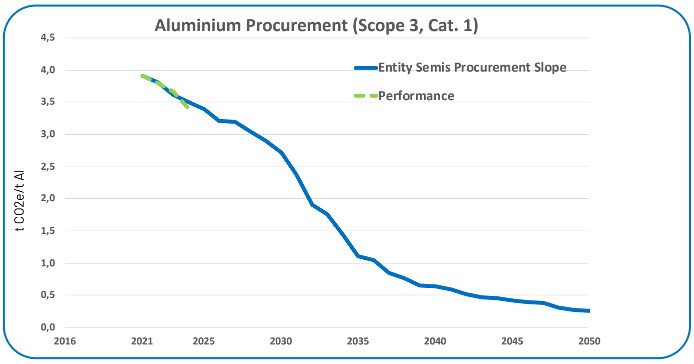
Scope 1 and 2 emissions pathway (own processes and energy)



By purchasing green electricity, apt has been able to reduce its Scope 2 emissions significantly and is therefore entirely on track in this area.

Scope 3, Category 1 (purchased goods and services)

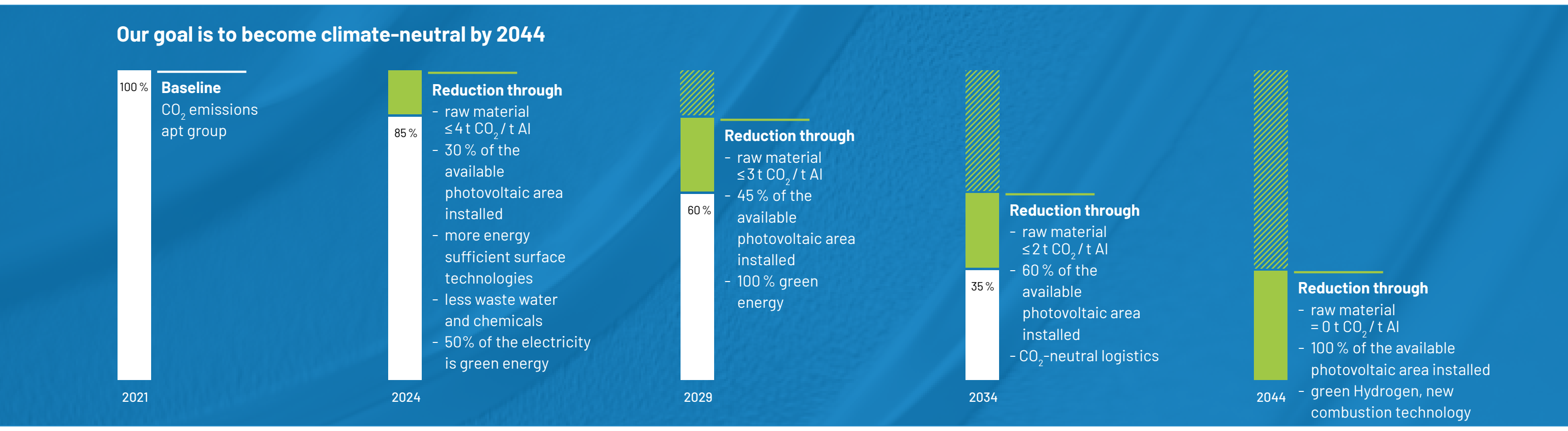




By purchasing profile scrap in pure aluminium quality, apt has significantly reduced Scope 3.1 emissions from remelting at the Monheim site and is on track.

apt is also on track with billet precursor material: The purchase of CO_2-reduced billets has noticeably reduced emissions compared to the base year. However, this area remains the most significant challenge, as the level is already very low and further reductions through recycled aluminium are hardly possible due to limited availability. For further progress, the industry increasingly depends on CO_2 decreases in the primary aluminum sector.

Short- and medium-term milestones of the apt roadmap to climate neutrality



Our roadmap shows that apt takes responsibility for sustainability in production and actively shapes the transformation of the aluminium industry towards a climate-neutral future.

As of: 10/2025