



aperam

Capital
Markets
Day

27
February
2024



Forward Looking Statements

This document may contain forward-looking information and statements about Aperam SA and its subsidiaries. These statements include financial projections and estimates and their underlying assumptions, statements regarding plans, objectives and expectations with respect to future operations, products and services, and statements regarding future performance. Forward-looking statements may be identified by the words “believe”, “expect”, “anticipate”, “target” or similar expressions.

Although Aperam’s management believes that the expectations reflected in such forward-looking statements are reasonable, investors and holders of Aperam’s securities are cautioned that forward-looking information and statements are subject to numerous risks and uncertainties, many of which are difficult to predict and generally beyond the control of Aperam, that could cause actual results and developments to differ materially and adversely from those expressed in, or implied or projected by, the forward-looking information and statements.

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The information is valid only at the time of release and Aperam does not assume any obligation to update or revise its forward-looking statements on the basis of new information, future, events, subject to applicable regulation.



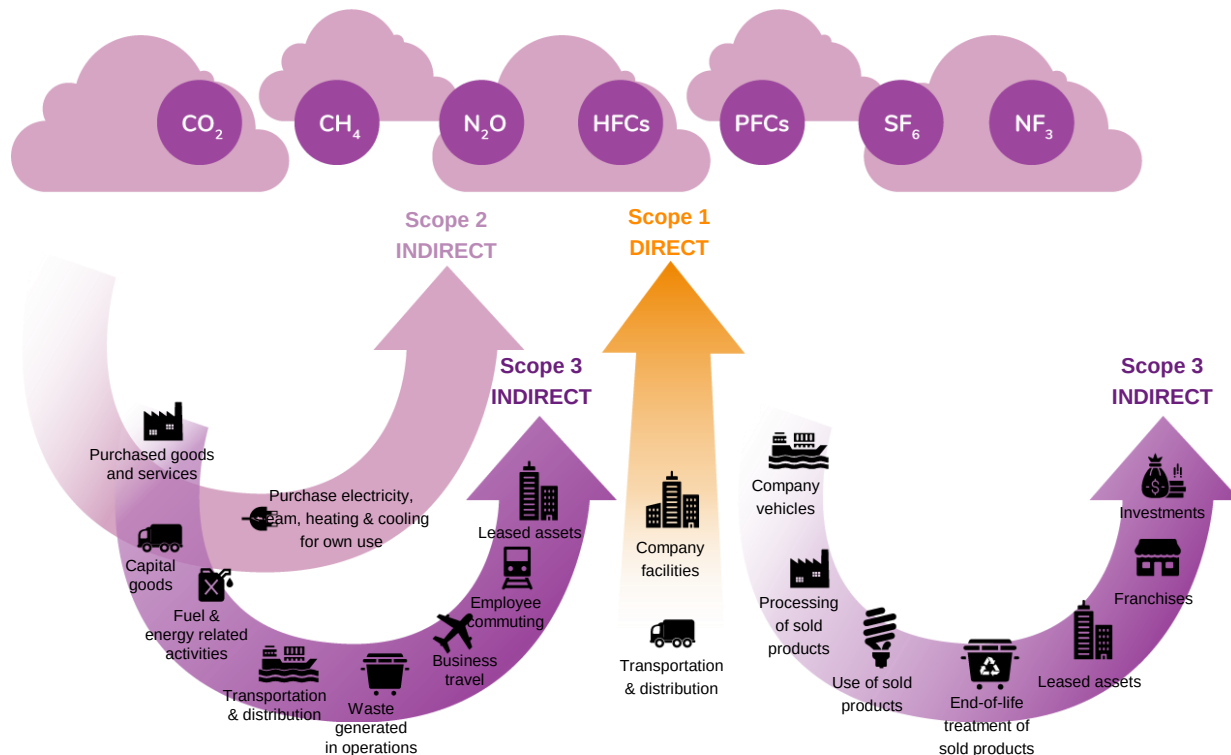
Sustainability: Our Journey Towards Carbon Neutrality

Bernard Hallemans
CEO R&R & Sustainability

Step 1

CO₂ Definitions
Roadmaps

Understand The Definitions

**Scope 1 – All Direct Emissions**

from the activities of an organisation or under their control. Including fuel combustion on site such as gas boilers, fleet vehicles and air-conditioning leaks

Scope 2 – Indirect Emissions

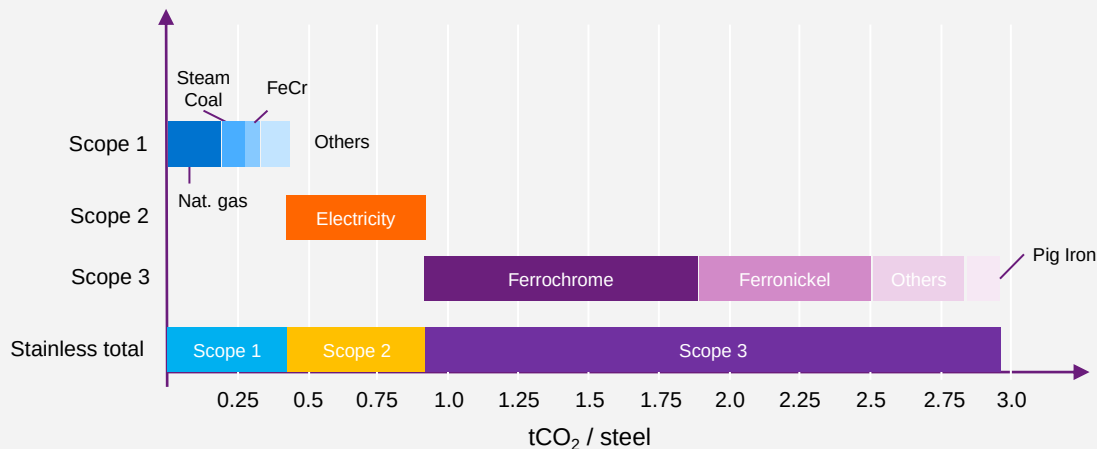
from electricity purchased and used by the organisation. Emissions are created during the production of the energy and eventually used by the organisation

Scope 3 – All Other Indirect Emissions

from activities of the organisation, occurring from sources that they do not own or control. These are usually the greatest share of the carbon footprint, covering emissions associated with business travel, procurement, waste and water

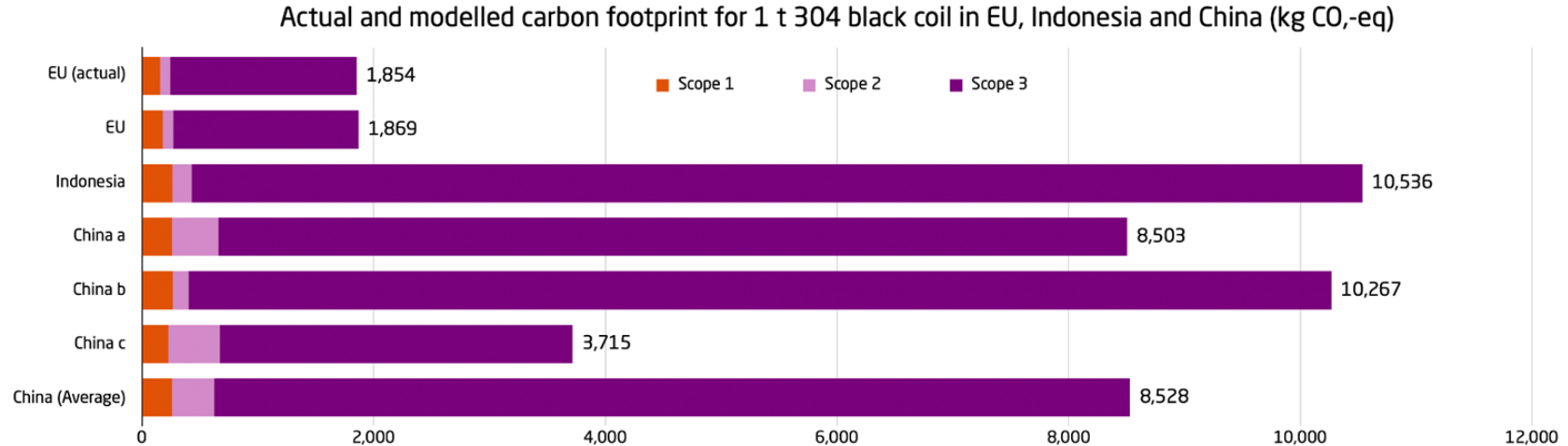


2020 Stainless Steel Industry – CO₂ Intensity Breakdown by Scope*



*Worldsteel data – Mainly EU Plants

The Share Of Recycled Material Defines the CO₂ Footprint – This Is One Reason For Aperam's Differentiated Value Chain



Usage of CO₂ intensive Nickel-Pig-Iron can not be compensated for

Actual and modelled carbon footprint for 1 t 304 grade black coil in EU, Indonesia and China (Indonesia, and China b is charging hot liquid NPI in AOD directly with some solid NPI for coolant)

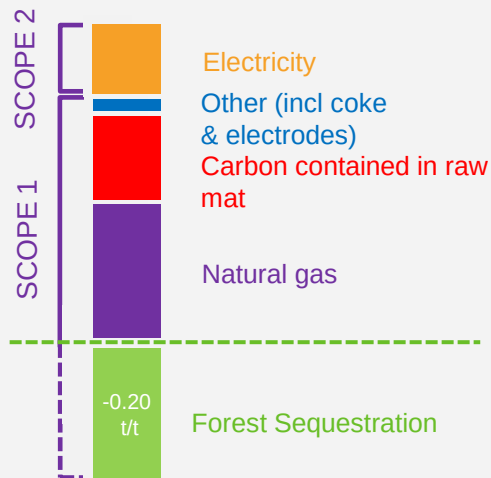
Step 2

CO₂ Roadmap Scope 1 + 2

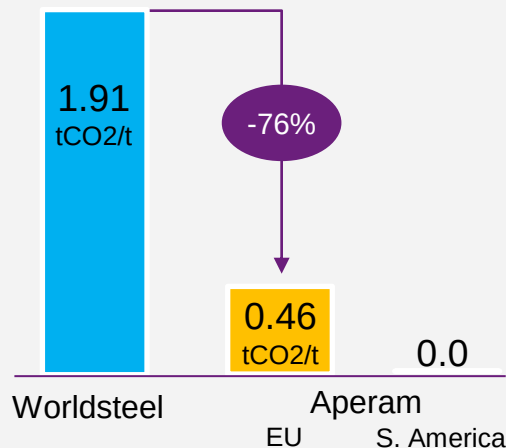
CO₂ Neutrality by 2050

Neutrality = CO₂ Reduction + CO₂ Compensation

Aperam CO2 Emission By Scope*



Aperam Is Part Of The Steel Industry – In A Very Different Way



Excellent Position Already

Our scrap & charcoal based production process emits:

- > 1 / 5 of the average CO₂ of the steel industry
- > 1 / 3 of the average CO₂ of the stainless steels sector

Scrap & charcoal based low-CO₂ production processes, allow a capex light roadmap to reach our SBTi commitments

Footprint

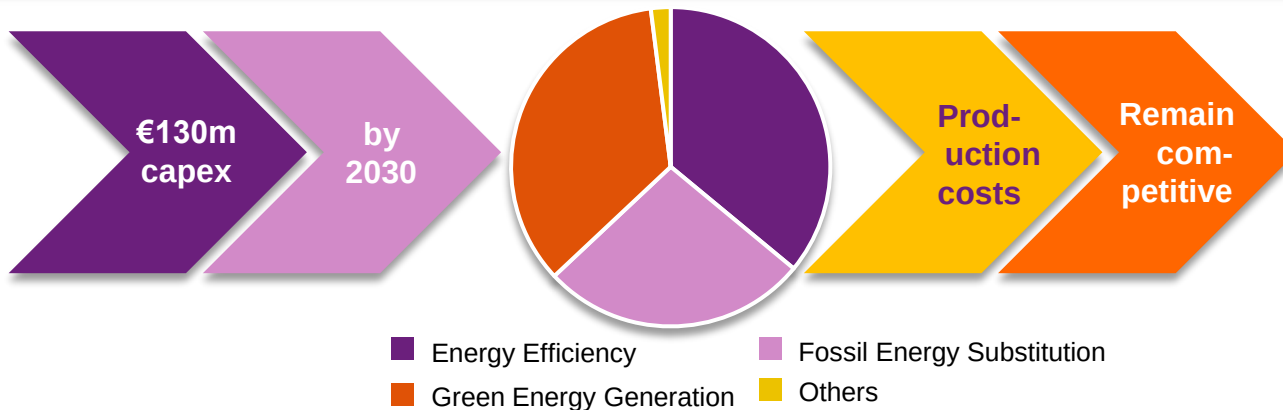
Europe

100% Electric Arc based melting

Brazil

Forest based production
BioEnergia

For Aperam,
decarbonization is
capex light,
technically simple



Energy Efficiency

- > Use of AI and Deep Learning for improving our heating models
- > Thermal insulation
- > High efficiency burners, oxy-combustion

Green Energy Generation

- > Maximize the use of renewables: solar, wind
- > Heat recovery (high and medium temperature) for heating or electricity generation purposes

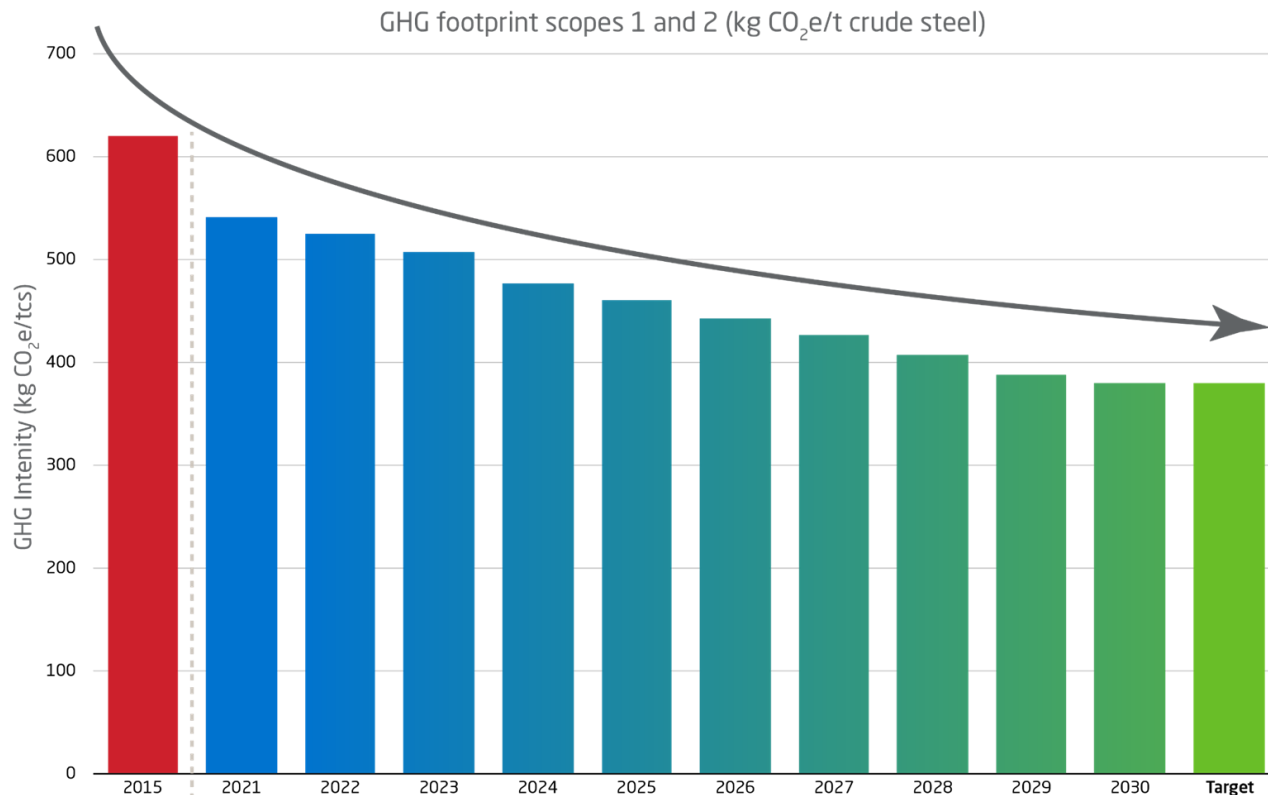
Fossil Energy Substitution

- > Electrification of a part of our heating furnaces (resistances and induction)
- > Replacement of coal used as reducing agent by another material (Si, Al, charcoal)

External green energy sourcing

- > Long term contracts via PPA (Wind Offshore); short term coverage via GOO
- > Purchasing of biomethane, e-methane or hydrogen; short term coverage via BGOs

Our roadmap 2030: 30% reduction between 2021 and 2030



Pilot technology on:

- > **Electrification:**
 - ▣ resistances: annealing and slabs reheating furnaces
 - ▣ Induction: billets reheating furnaces
- > **Waste heat recovery** on Electric Arc Furnaces and Argon Oxygen Decarburization
- > **Oxy combustion:** slabs reheating furnaces

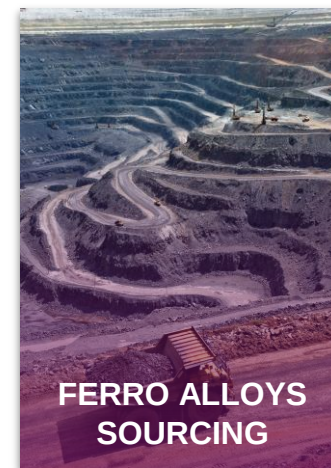
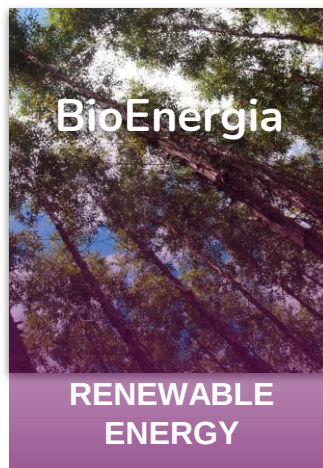
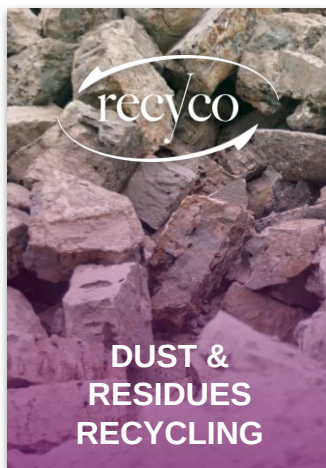
Step 3

CO₂ Roadmap Scope 3

Scope 3: the real differentiator



- > Increase scrap ratios (via Aperam Recycling)
- > Treat waste & valorise by-products (via Recyco)
- > Use our certified BioEnergia carbon sink
- > Develop partnerships with ferro alloys suppliers to source primary raw materials with a greener footprint

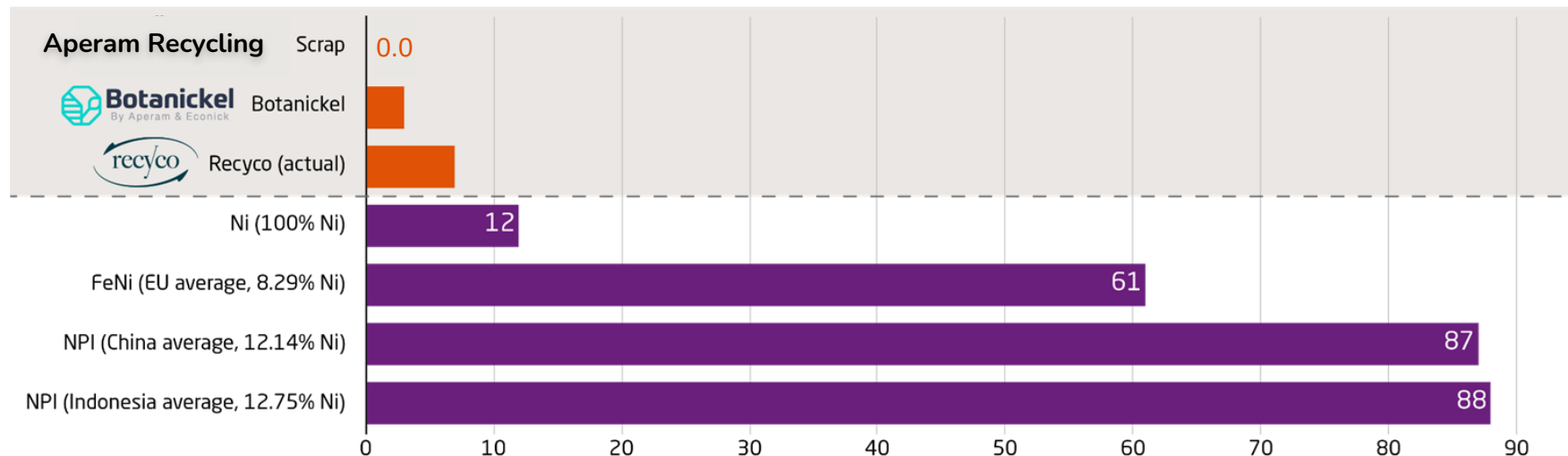


Extremely wide differences in scope 3 for Stainless Steel producing materials

Our sources are the lowest impact ones



Emission Factor (kg CO₂-eq/kg of pure Ni)



Source: Aperam, Kobilde & Partners

The difference between 1 ton of scrap based (90%) and non scrap based (20%) stainless steel is more than 6 ton of CO₂

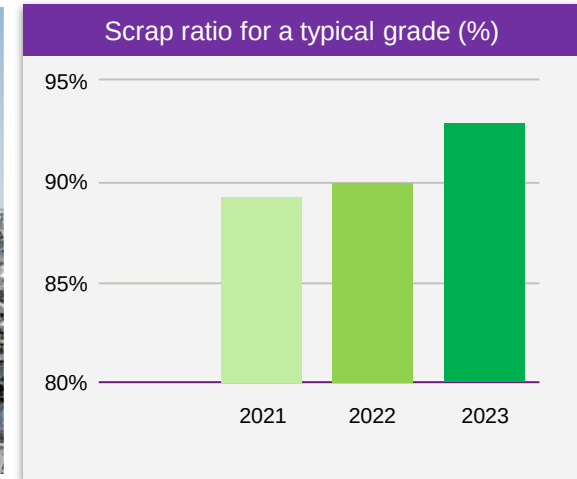


Aperam is fully benefiting from the 2022 ELG acquisition

Recycling is key to minimize primary natural resources



Our triple loop gives us three sources of scrap to use as raw material for our stainless steel

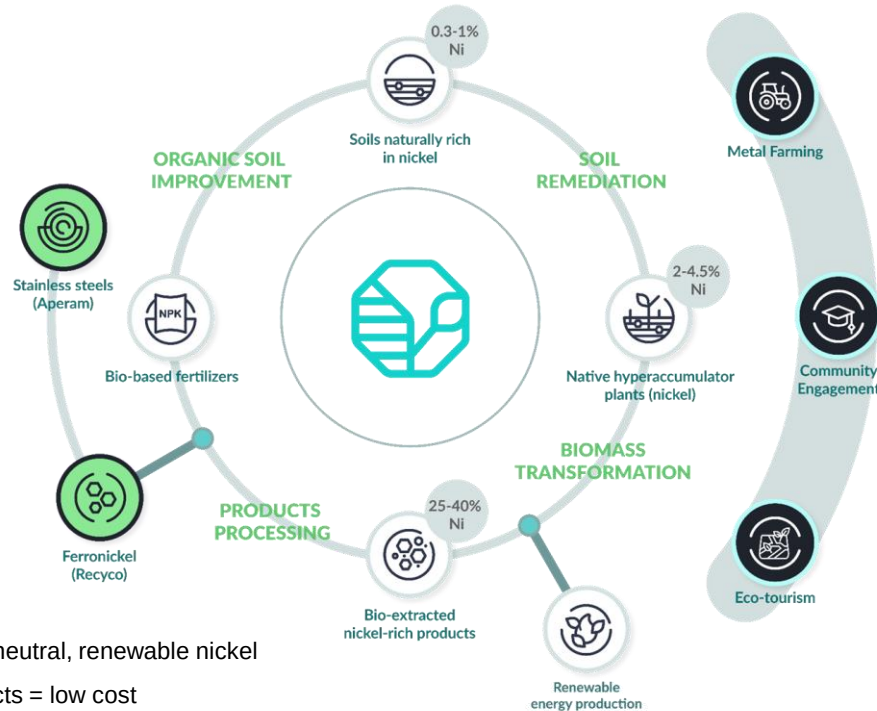


Aperam is pole position across the entire range of stainless steels and not just typical grades



Aperam is on its way to grow Nickel from plants

Revolutionizing metal extraction with Botanickel



- > Nature based, carbon neutral, renewable nickel
- > Low capex + by-products = low cost
- > Local communities:
Employment, education, Research, Renewable energy

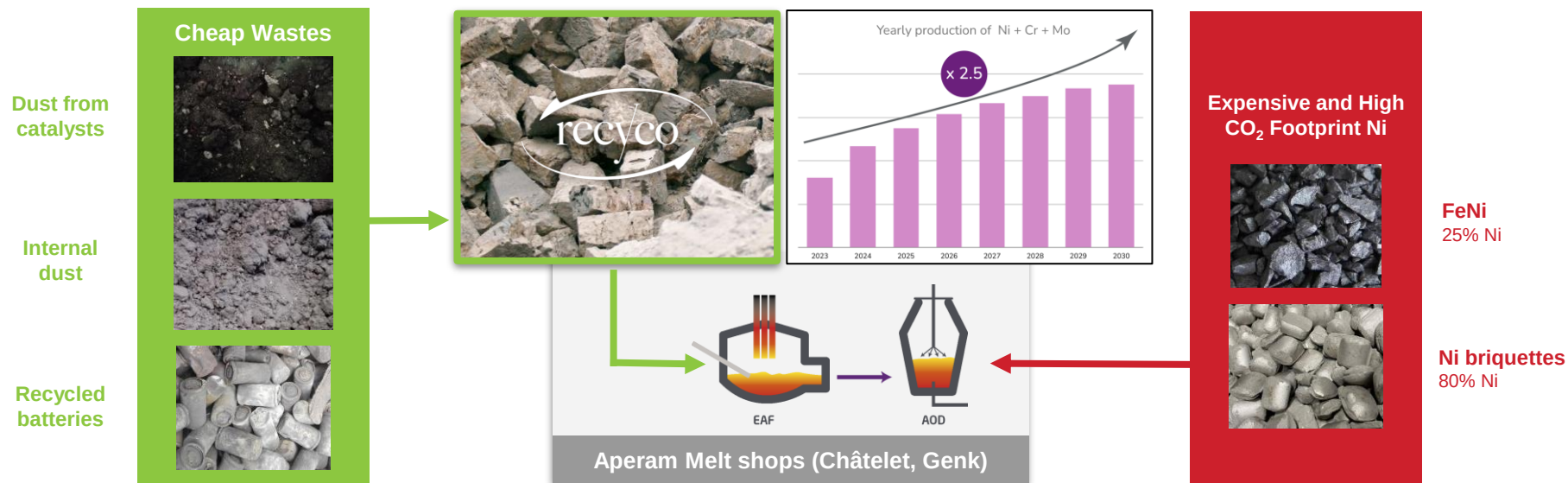


All stakeholders benefit from metal farming



We plan to grow Recyco sourcing to our production x 2.5

- > Aperam has its own certified waste recycler!
- > Flexible processing technology that is complementary to the technology of large non ferrous recyclers (e.g. Aurubis, Umicore)
- > Currently limited competitors with similar capabilities (mainly BEFESA)
- > High threshold for other players to enter the market due to CAPEX and legal requirements





SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

- > 2030 Intensity target scope 1+2+3:
 - ▣ 1.49 tCO₂e/tcs -34% vs 2021
- > Carbon Neutrality by 2050
- > We are ahead of target. Beating the 2023 CO₂e intensity target