



We're done with dirty.

Heavy industry is a massive polluter, responsible for 40% of the world's CO₂ emission.

The steel industry alone accounts for more than 7% of the world's CO₂ emissions.

Transforming the most polluting industries is key to meeting the Paris Agreement goal of keeping global warming well below 2°C, preferably 1,5°C.



Our purpose:

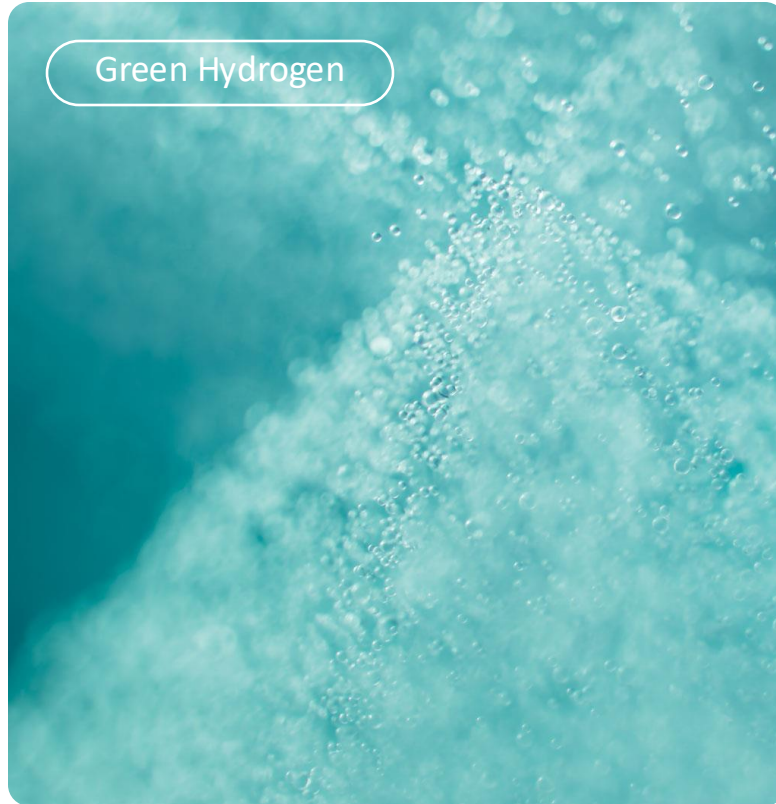
To decarbonize hard-to-abate industry.

Abatement means to reduce and hard-to-abate refers to industries that rely heavily on fossil fuels, making emissions cuts challenging.

Those are the industries we will tackle. And we are starting with steel.



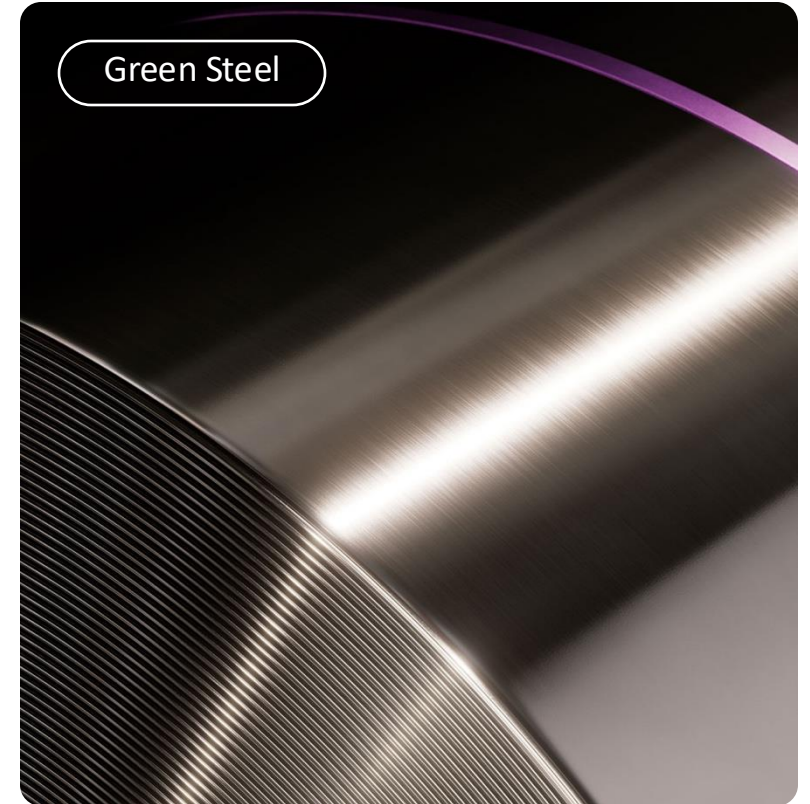
Building expertise in three platforms with a huge abatement potential



Our hydrogen plant will have the capacity to produce more than 100 000 tonnes yearly.



We produce our green direct-reduced iron by using green hydrogen.



Our green steel will have an up to 95% reduction in CO₂ emissions and be our first near-zero product.



Building a fully integrated green steel plant

Showcasing all three key platforms: green hydrogen, green iron and green steel

Direct reduction tower

2.1 Mt p.a.

MIDREX

Green steel mill

2.5 Mt p.a.

SMS group

Electrolyzer

740MW

100kt H2 p.a.



1 Green

Stegra's plant will abate >90% of emissions compared to traditional steel enabled by renewable electricity across all 3 platforms; the Electrolyzer, the Direct reduction plant, and the Steel mill

2 Vertical integration

The plant is fully vertically integrated, featuring on-site hydrogen production for ironmaking and direct reduction (DR) plant operations. Continuous casting and rolling processes are optimised for maximum energy efficiency, utilising electrical heating instead of natural gas wherever possible

Circular

3

The generation of scrap, fines, waste heat, slag, and other byproducts from plant operations are either reused in production or sold

Digital

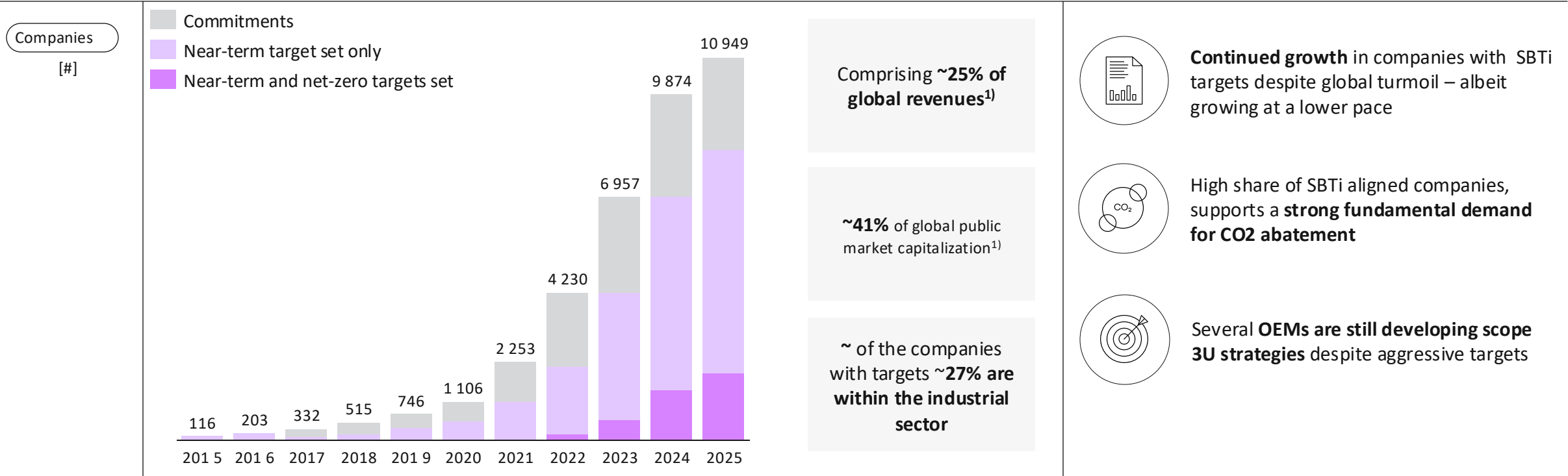
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A digital blueprint built from the start, with a team of over 50 individuals already employed, reducing risk in project delivery and improving traceability, efficiency, and quality in the plant



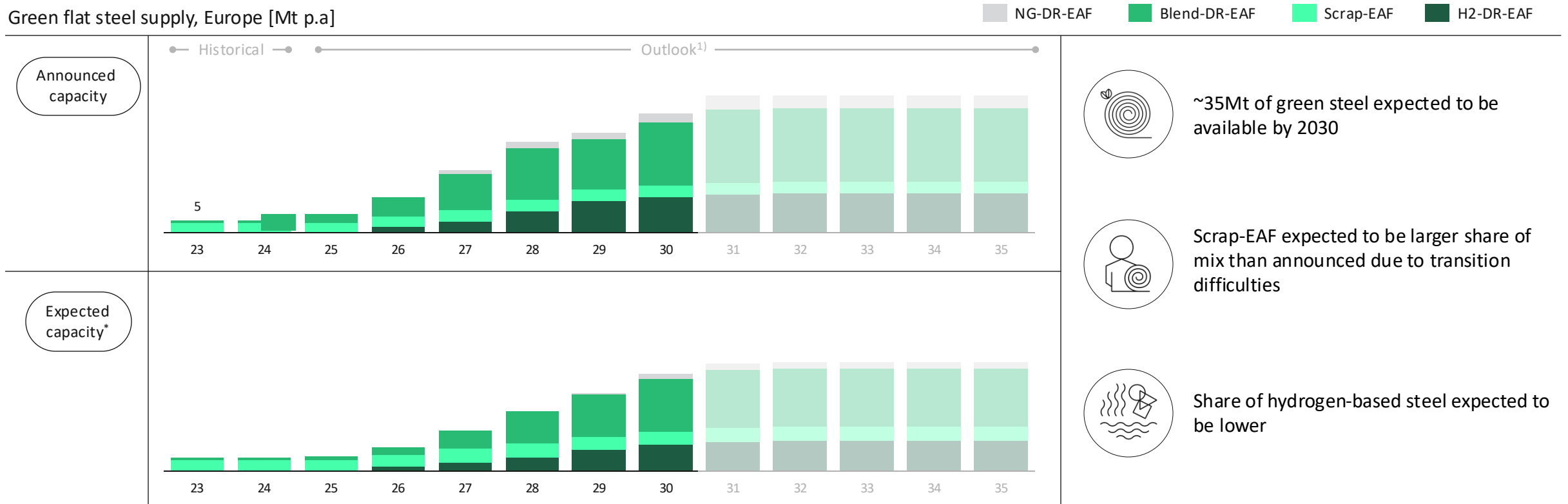
Corporates still committed to the fight against global warming, SBTi aligned companies now cover 25% global revenues & 41% of mkt cap.

Companies level of commitment to decarbonization and industry



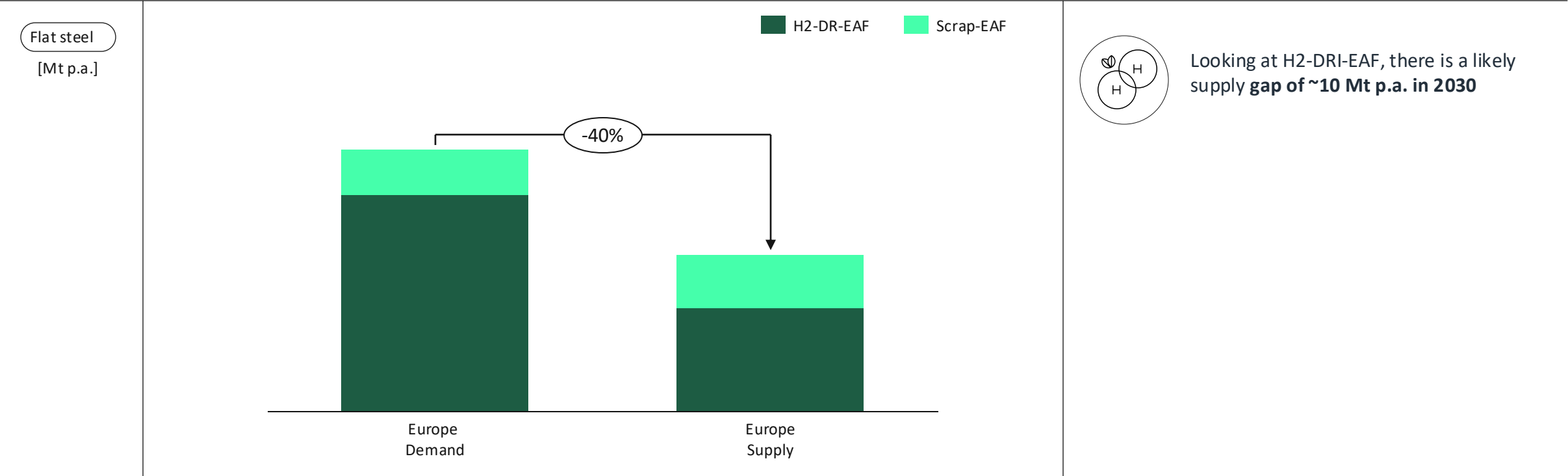
Following recently announced project delays, European low-emission indicative steel capacity is expected to reach ~35Mt by 2030...

Green flat steel supply, Europe [Mt p.a]

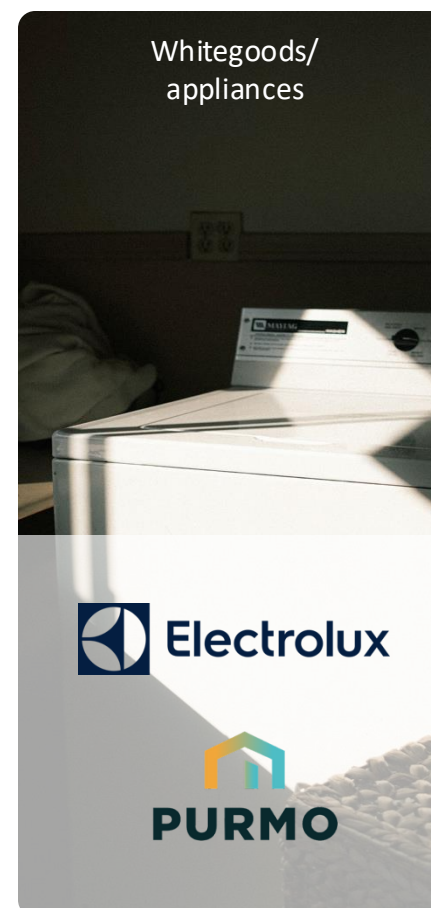
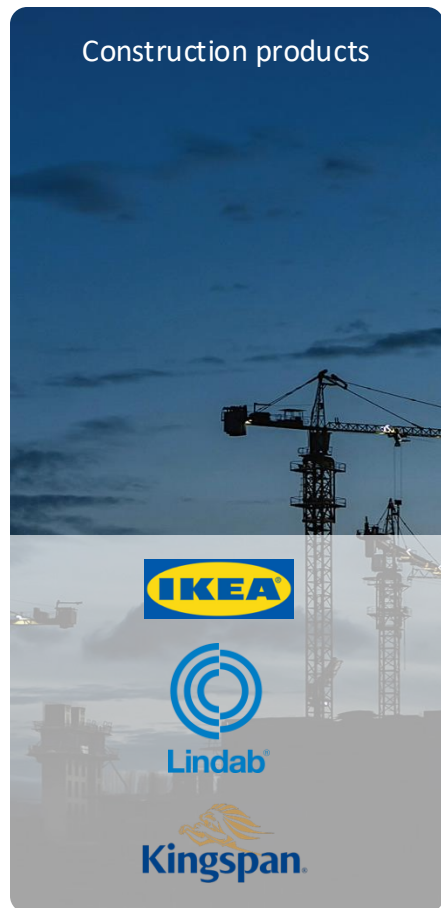


... This means we are likely to see a significant near-term supply shortage in the greener shades, especially H2-DRI-EAF

Expected demand and supply 2030



We see demand across a wide range of industries – with leading companies in each segment committing to volumes from Stegra



We are betting big,
and people believe in us