

Our purpose is to decarbonize hard-to-abate industries for the sustainable benefit of:

Customers Employees Investors Society Our planet

...and we start with steel

The Boden – Luleå region is an ideal location

~300ha land in Svartbyn

Connection to 400kV national grid at site

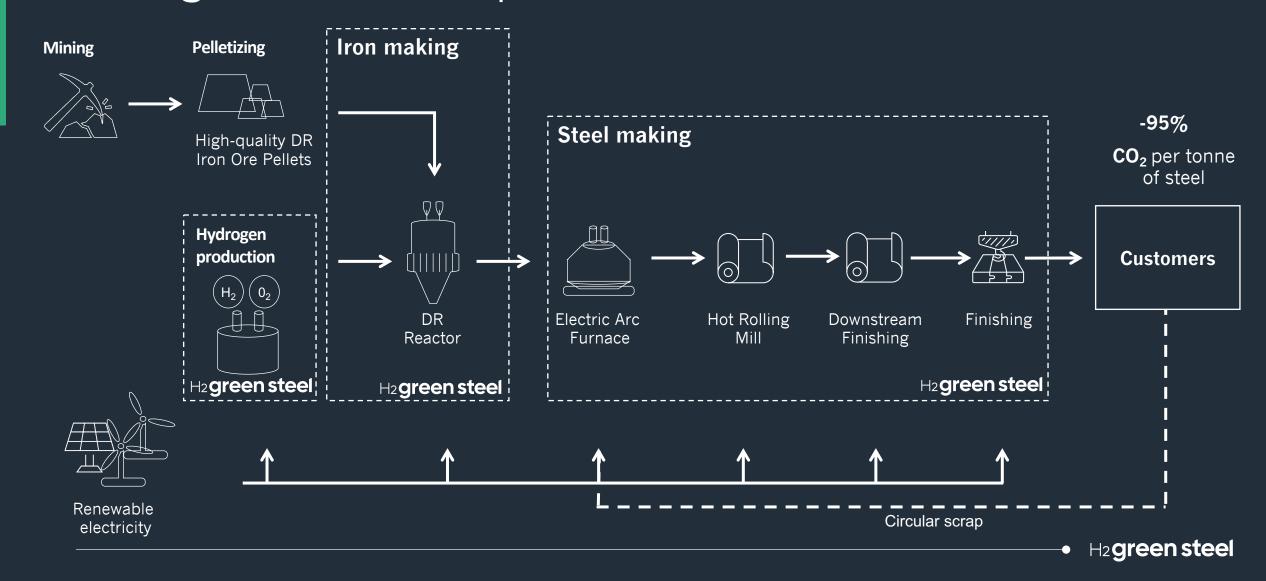
Direct rail access to high-quality iron ore from Malmbanan

Large port connection in Luleå

World leading expertise

H2 Green Steel Boden:

Building three scalable platforms



Q2 2021:

Closed series A financing at €86m

Q2 2023:

Operational permit (and full permit)

H2 2023:

Closing of full financing Boden project €5+ bn

2026:

Ramp-up to full production of 2.5mt hot- and cold-rolled

2026-2028:

Expansion – ramp up to full 5mt capacity

Q3 2022:

Series B financing €260m + debt financing €3.5 billion

Q2 2022:

Permissibility permit and construction start 2025:

Production start

2028:

Yearly production of

5 Mt 10000

green steel

direct and indirect jobs

€3bn

increased net export value

H2green steel

Movie time



2023-12-08



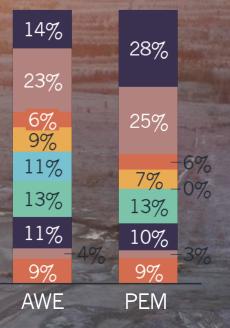


AWE in Boden - LCOH well below 2050 outlook*

*Source: Wood Mackenzie (On-site renewables, European markets)

- → Good fit with mature alkaline technology
- → Cost advantage for large scale systems
- → Industry committed to scaling up capacity
- → Energy efficiency competitive to other technologies
- → Stack lifetime superior to other technologies
- → 700 MW AWE and potential to integrate other technologies

2030 targets assuming PEM capex is closing in on AWE



H2GS and Thyssenkrupp Nucera have signed a contract for electrolyzer supply to Boden

SvD Näringsliv



H2 Green Steel i mångmiljardavtal med tyska Thyssenkrupp





Klart med mångmiljardsatsning för H2 Green Steel

Nyheter Naningsky Kultur Ledere Debett e8vD

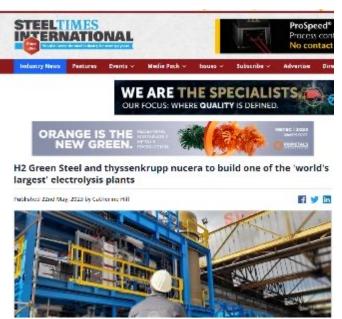


WASSERSTOFF

Thyssen-Krupp Nucera liefert Elektrolyseure nach Schweden

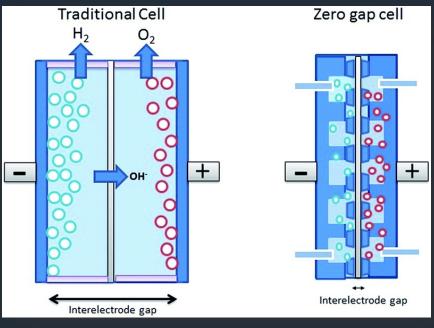
Thyssen-Krupp Nucera soll ein neues Stahlwerk in Nordschweden mit Wasserstoff versorgen. Der wird dringend gebraucht, um grünen Stahl zu erzeugen.





Boden electrolyser technology





Economies of scale

Zero-gap design

H2 Labs Piteå





Boden Phase 1: 700-800 MW electrolysis





H2**labspiteå** Phase 1: 1 MW electrolysis









H2green steel