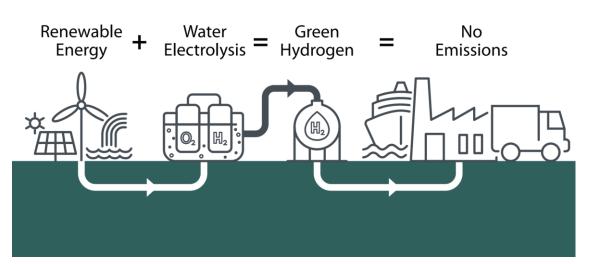


Green hydrogen enables transition from fossil fuels

Green hydrogen will play significant role in decarbonizing heavy industry and transport, totaling 1/3 of global emissions



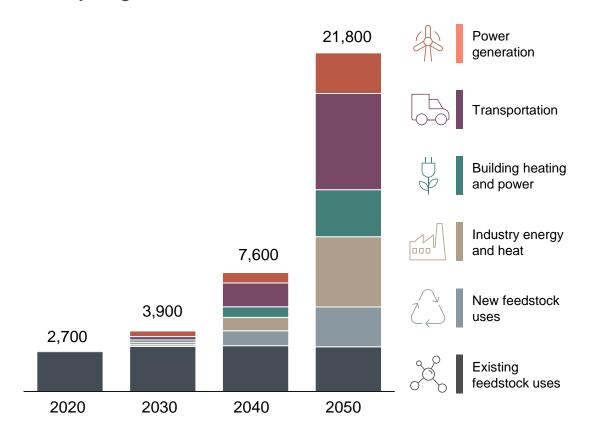


Demand to rise 7-fold by 2050 – green to rise 7000-fold



Globally, more than 1/3 of large-scale announced hydrogen projects tied to industry

Global hydrogen demand, TWh





Source: Hydrogen Council; BNEF Hydrogen Economy Outlook 2020; von der Leyen speech to the Hydrogen Council, 2021

Green hydrogen enables leaps towards greener metals



High-heat processes can be fully decarbonized with green hydrogen

Fossil-free steel: SSAB and Volvo Group



- Ambition to deliver world's first vehicles of fossil-free steel
- Replace coal with hydrogen to make fossil-free steel in 2026
- Will cut Sweden's CO2 emissions with 10%

Low-carbon aluminium: Hydro



- Ambition to reduce CO2 emissions by 30% by 2030
- Potential across the aluminium value chain
- Decarbonizing casting process and anode production

Hydro Havrand: Creating a global renewable hydrogen leader

Powering greener industries

Owned by Hydro, a global aluminium and energy company



Hydrogen's future is fossilfree: we do **green-only**



Hydro potential offtake gives platform for growth

4 GW potential offtake*

80+
potential locations



Global reach

Fully integrated – owner, developer and operator



- Maturing projects in Norway and Europe
- 2025: First mover portfolio realised
- 2030: Global footprint

International developer, for industry and transport







^{*} Potential long-term offtake includes Speira, previously Hydro Rolling

4 GW potential long-term demand from partner industrial





Hydro Havrand ready to move early and capture market positions



Companies originated from Hydro (not exhaustive)

2021

Hydro establishes green hydrogen company



Lyse Kraft DA













- First mover position with offtake at scale and 4 GW demand potential from Hydro and Speira
- Building portfolio of profitable at-scale green hydrogen plants to capture nascent, but fast-growing attractive third-party market
- Juniquely positioned with existing capabilities, access to competitive renewable power from Hydro a global leader in industrial power sourcing
- Strong execution model combining Hydro's capabilities, strong management team, and partner ecosystem to serve Hydro and third-party demand



Strong position to kick-start the green hydrogen economy

Our bold and simple plan: to enable industry and transport to make the shift from fossil fuels to renewable energy through green hydrogen

- Green hydrogen will play significant role in decarbonizing heavy industry and transport, totaling 1/3 of global emissions
- Attractive hydrogen projects on Hydro sites our springboard to global opportunities
- Fully integrated player, offering green hydrogen and unique industry and energy expertise on how to make the fuel switch

