

HYDROGEN IN ACTION

PROJECTS BUILDING

AT SCALE

From commitment to construction – these projects driven by Hydrogen Council members' involvement are being built now.



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Hydrogen Council

Project Status



97%



Beaumont New Ammonia



Focus: Commercial-scale ammonia production anchored in an existing industrial and export hub.

Texas, USA



Why it matters: A first-mover project demonstrating how clean hydrogen derivatives can move from build-out to commercial reality – backed by customers, export readiness and a pathway to lower-carbon production.

Hydrogen Council members: Woodside, Linde, ExxonMobil

Project Status



Nearing completion*



Lingen Green Hydrogen



Lingen,
Germany



Focus: Building one of Germany's first large-scale, publicly-accessible renewable hydrogen infrastructure networks.

Why it matters: Demonstrating how one of Europe's largest PEM renewable hydrogen projects can decarbonize industry.

Hydrogen Council members: bp, Linde, ITM Power

*Commissioned first 100 MW hydrogen electrolyzer

Project Status



95%

Completed



ACES Delta



Focus: Renewable hydrogen production and underground storage.

Utah, USA



Why it matters: Creating one of the world's first utility-scale, dispatchable hydrogen ecosystems – enabling grid resilience and multi-user demand.

Hydrogen Council Members: Chevron, Mitsubishi

Project Status



Completed



ed



NEOM Green Hydrogen

Focus: Renewable hydrogen for global export via ammonia.

Northwest
Saudi Arabia

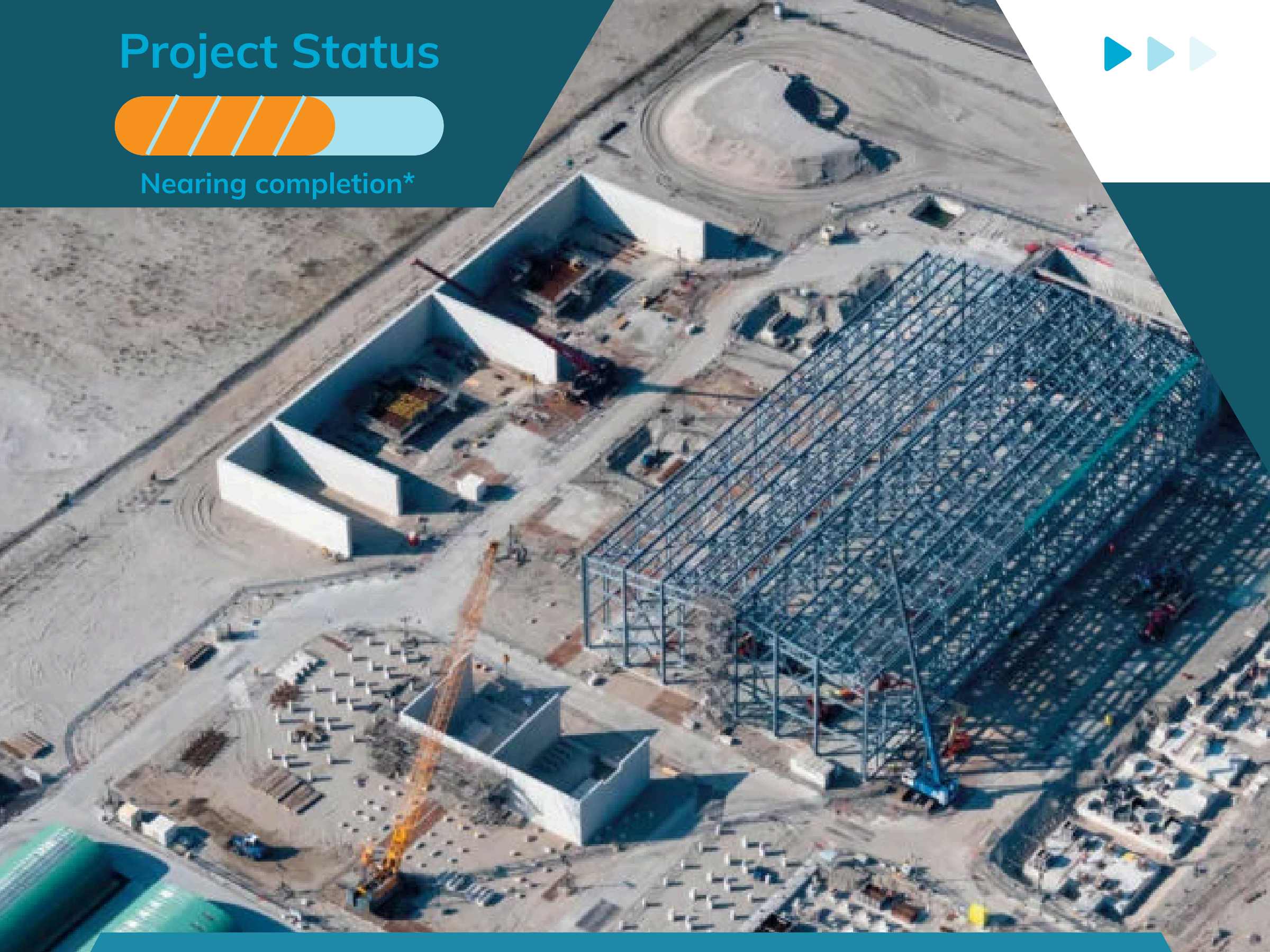
Why it matters: A first-of-a-kind integrated mega-project setting the benchmark for global-scale hydrogen delivery.

Hydrogen Council members: Air Products, thyssenkrupp nucera, Topsoe

Project Status



Nearing completion*



Holland Hydrogen 1



Focus: Large-scale renewable hydrogen production.

Rotterdam,

The Netherlands



Why it matters: Europe's first 200 MW renewable hydrogen plant, using offshore wind to replace traditional hydrogen in industrial refining.

Hydrogen Council members involved: Shell, thyssenkrupp nucera

*Commissioning expected to start in late 2026

Project Status

60%

Completed



Boden Renewable Steel Plant*

Focus: Hydrogen-based direct reduced iron (DRI).

Boden,
Sweden

Why it matters: A flagship example of decarbonizing one of the hardest-to-abate sectors – steel.

Hydrogen Council Members: Hy24, Siemens Energy, thyssenkrupp nucera

*Formerly H2 Green Steel

HYDROGEN ISN'T BEING IMAGINED IT'S BEING BUILT.

**These projects show what's possible when
policy implementation, infrastructure, and
firm demand come together.**



Hydrogen Council