

From Green Hydrogen and Biogenic CO₂ to Sustainable eFuel

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Our Vision

A world without dependence on fossil fuels

Our Mission

Decarbonize the shipping sector through indirect electrification

Our Purpose

Enable the creation of 2+ mtpa of eFuel capacity by 2030



Standardized and modular eFuel facilities

Develop

Sourcing locations with biogenic CO₂ and power, in municipalities committed to decarbonization and increasing value for local citizens

Finance

Long-term supplier and buyer agreements

Build

Engineering, procurement and construction with EPC partners

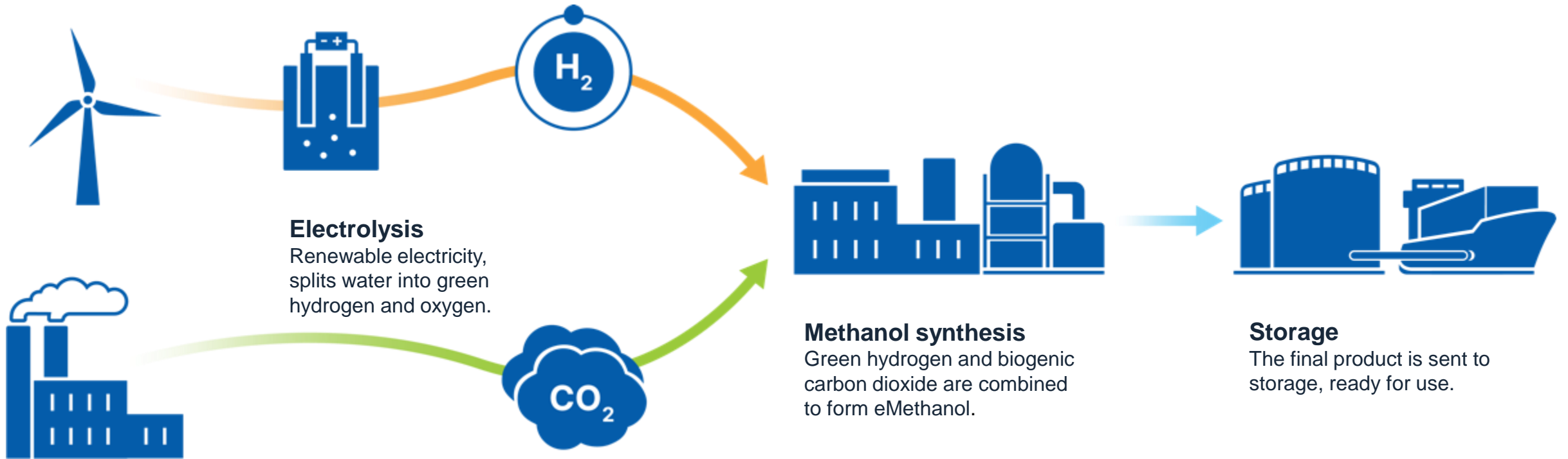
Digital Twin development of eFuel facilities

Enabling acceleration through standardization, replication and implementation, continuous improvement.

Shortens time to market, excels value creation.



eFuel production process



Carbon capture

Biogenic carbon dioxide is captured from industrial flue gases.

Electrolysis

Renewable electricity, splits water into green hydrogen and oxygen.

Methanol synthesis

Green hydrogen and biogenic carbon dioxide are combined to form eMethanol.

Storage

The final product is sent to storage, ready for use.

Watch the eMethanol production process [here](#).



Umeå, quick facts

- Production capacity: up to 130,000 t eMethanol / year
- Capture of: 140,000 t biogenic CO₂ / year
- Avoided emissions: 271,000 t CO₂ / year
- Location: Dåva Industrial area 15 km north of Umeå
- CO₂ partner: Umeå Energi
 - Dåva 1: waste incineration
 - Dåva 2: biomass incineration
- Logistics:
 - Train/truck to port of Umeå
 - Ship from port of Umeå
- Environmental permit: January 2025
- Final investment decision (FID) planned: 2025
- Production start planned: 2028



Key achievements

6 eFuel facility projects **+ >5** in pipeline

80+ employees

4 OEM Technology Partners



TOPSOE

8 Strategic Investors



HYCAP

SAMSUNG VENTURE INVESTMENT



📍 Offices
📍 eFuel facility projects



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