Industrial needs through traditional uses of hydrogen

ArianeGroup test site

Offshore wind farms projects (3.96 GW)
- Off the coast of Courseulles-sur-Mer - 0.45 GW scheduled for commissioning in 2025
- Off the coast of Fécamp - 0.60 GW scheduled for commissioning in 2023
- Off the coast of Dieppe-le-Tréport - 0.56GW scheduled for commissioning in 2026
- Centre Manche 1 - 1.0 GW scheduled for commissioning in 2030
- Centre Manche 2 - 1.5 GW scheduled for commissioning in 2031

Tidal turbine pilot farm projects (29.5 MW)
- Flowatt - 17.5 MW scheduled for commissioning in 2025
- Normandie Hydroliennes 1 - 12 MW scheduled for commissioning in 2026

Nuclear power plant (12 GW)
- 1.6 GW EPR Flamanville
- 2.6 GW Flamanville
- 5.2 GW Paluel
- 2.6 GW Penly

EPR 2 Project
- 3.37 GW EPR 2 Penly 35-37

Key transport infrastructures for large-scale development

SEINE VALLEY
Industrial activities

1/3 of French refining capacity
15% of French industrial CO2
38% of national consumption of H₂
3/4 of French ammonia production sites

Cargo traffic in Haropa PORT

108 Mt
33 Mt
75 Mt
11.3 Mt
6 M

Vehicles/day on motorways
Vehicles/day on A-roads

Trans-European Transport Network (TEN-T) traffic

River traffic
Maritime traffic

Significant production potential from renewable and low-carbon resources

Under construction

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A structured ecosystem generating projects

Research clusters

Sector associations:
1 > Vilog (logistics)
2 > Glass valley (glass work)
3 > NE: Normandie Energies (energy)
4 > NAE: NormandieAérospace (aeronautics, space)

Competitive cluster NextMove: focusing on mobility and the automotive industry

Low Emission Zones (LEZ)