



NORMANDY

HYDROGEN

AN AMBITIOUS INITIATIVE
CONTRIBUTING TO THE ENERGY
TRANSITION



RÉGION
NORMANDIE

www.normandie.fr

NORMANDY HYDROGEN

Normandy Hydrogen aims to strengthen the role of hydrogen within the energy transition in Normandy, while developing a fully-fledged industrial sector.

Consisting of 9 objectives and 46 tasks, the plan draws on the region's assets and the hydrogen sector's skills and stakeholders. In addition to the development and management of the hydrogen ecosystem, Normandy has chosen to prioritise mobility, logistics, industry and the production of renewable hydrogen.

THE NORMANDY REGION HAS ALL THE NATURAL ASSETS

(wind, biomass, etc.) for the development of renewable energy and hydrogen.

This will ensure that this energy is a suitable response to tomorrow's environmental challenges.



1 A SKILLED REGION WITH CONSIDERABLE ASSETS

- > **2 major sea ports:** Le Havre (GPMH) and Rouen (GPMR)
- > **3 regional ports:** Dieppe, Caen Ouistreham and Cherbourg
- > **A logistical region welcoming significant numbers of goods and passengers,** primarily along the Seine
- > **A maritime region with the most renewable marine energy potential** in France
- > **Well-honed skills linked to the production,** consumption and handling of hydrogen (petrochemical, chemical, aerospace)
- > **An industrial region** with significant hydrogen consumption

2 A VARIED ECOSYSTEM ENCOURAGING PROJECT DEVELOPMENT

4 sectors involved: Energy, maritime, logistics, aerospace

2 competitive clusters: automotive and logistics

19 public authorities in Normandy and 3 departmental energy unions involved

15 research organisations with expertise in energy, propulsion, the environment and sociology

H₂ The **H2 ACADEMY project** to provide training within the region to develop skills linked to this sector.

Favourable conditions for interactions, the emergence of new projects and the development of new uses:

26 PROJECTS LAUNCHED IN NORMANDY SINCE 2016.



3

NORMANDY, AT THE CUTTING EDGE OF THE HYDROGEN SECTOR

A . NORMANDY, A PIONEER IN HYDROGEN MOBILITY

With the EAS-HyMob network, Normandy has a network of 10 interoperable charging stations, the densest network of its kind in France. The success of this project lies in the seamless collaboration of public stakeholders (public bodies and energy unions) which develop projects and private stakeholders (local SMEs and intermediate-sized companies and large groups) for the purchase of vehicles.



Co-financed by the European Union
Connecting Europe Facility
Projet sous la convention de subvention n° INEA/CEF/TRAN/A2014/1027357

To find out more:

> eashymob.normandie.fr

B . NORMANDY, A EUROPEAN LEADER



Working with other regions, (Auvergne-Rhône-Alpes, Aragon and the northern Netherlands), Normandy has become a leader of the inter-regional European partnership **H2 Valleys**, launched in May 2019.

This industrial modernisation partnership aims to:

- > **Develop collaborative work** between regional partner members which will facilitate the development of joint projects focusing on hydrogen and fuel cells,
- > **Become a key representative** among European institutions, influencing the content of future calls for proposals to ensure the effective roll-out of relevant technology for the successful implementation of the energy transition within these areas.

To find out more:

> <https://s3platform.jrc.ec.europa.eu/hydrogen-valleys>



ARE YOU DEVELOPING **A PROJECT?**
ARE YOU LOOKING FOR **SKILLS, PARTNERS**
AND **FUNDING?**
DO YOU WANT **TO ESTABLISH A PRESENCE IN NORMANDY?**

**THE NORMANDY REGION IS HERE TO HELP
AT EVERY STAGE OF YOUR PROJECT:**



Creation



Partnerships



Financial
engineering



Innovation



Export



**TAKE ADVANTAGE OF AN
ACTIVE AND WELL-ORGANISED
REGION AT THE
CUTTING EDGE OF THE
HYDROGEN SECTOR.**

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