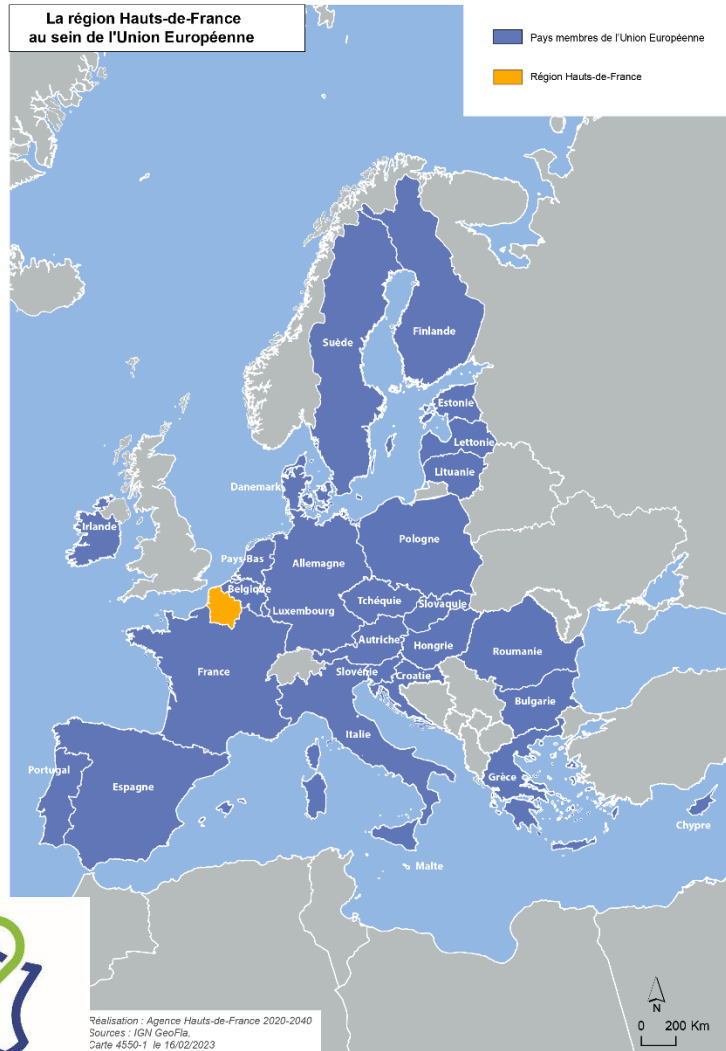


# Hauts-de-France on the road to hydrogen:

**Decarbonizing river transport to boost economic appeal and reach climate goals**



# About Hauts-de-France

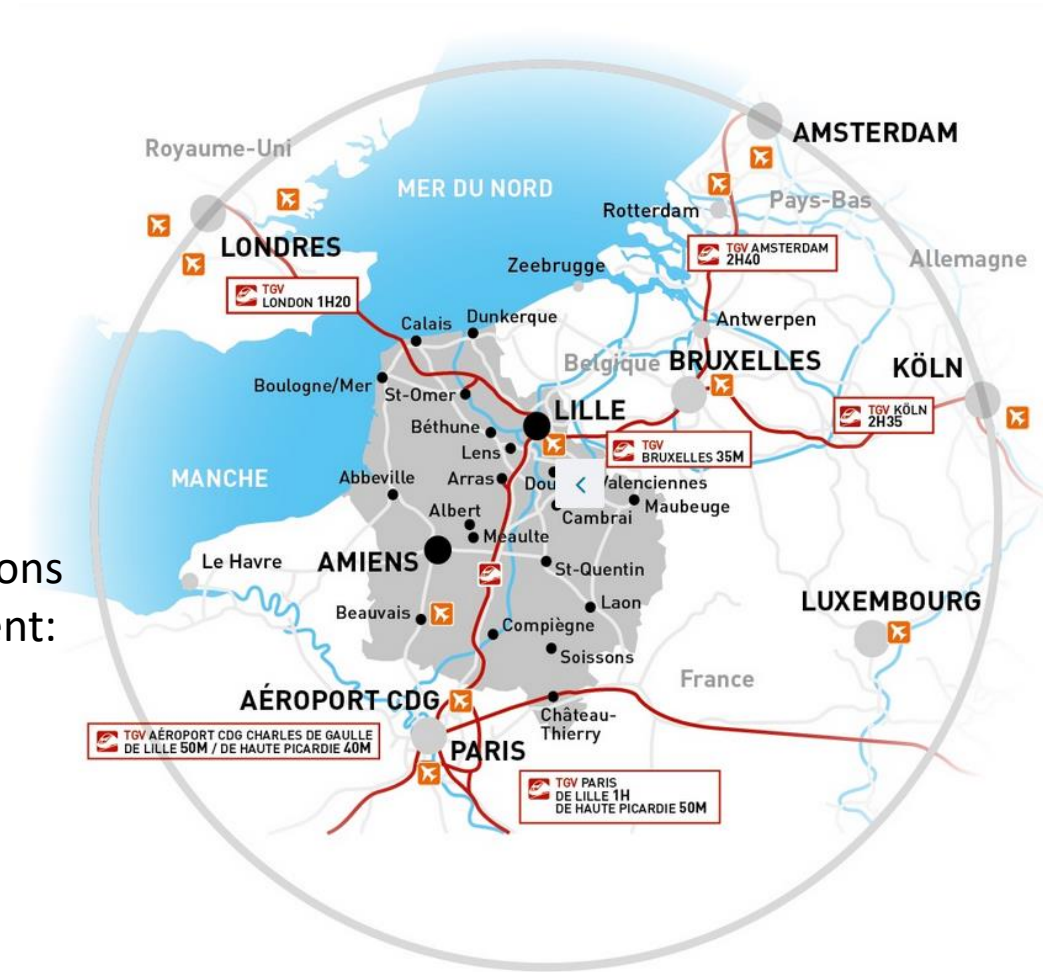


6 millions inhabitants

Youngest French region

In the Top3 of French regions for international investment:

- Belgium 1<sup>st</sup> investing country & 3<sup>rd</sup> for job creations.
- Germany 2<sup>nd</sup> for both indicators



# In Europe's beating heart

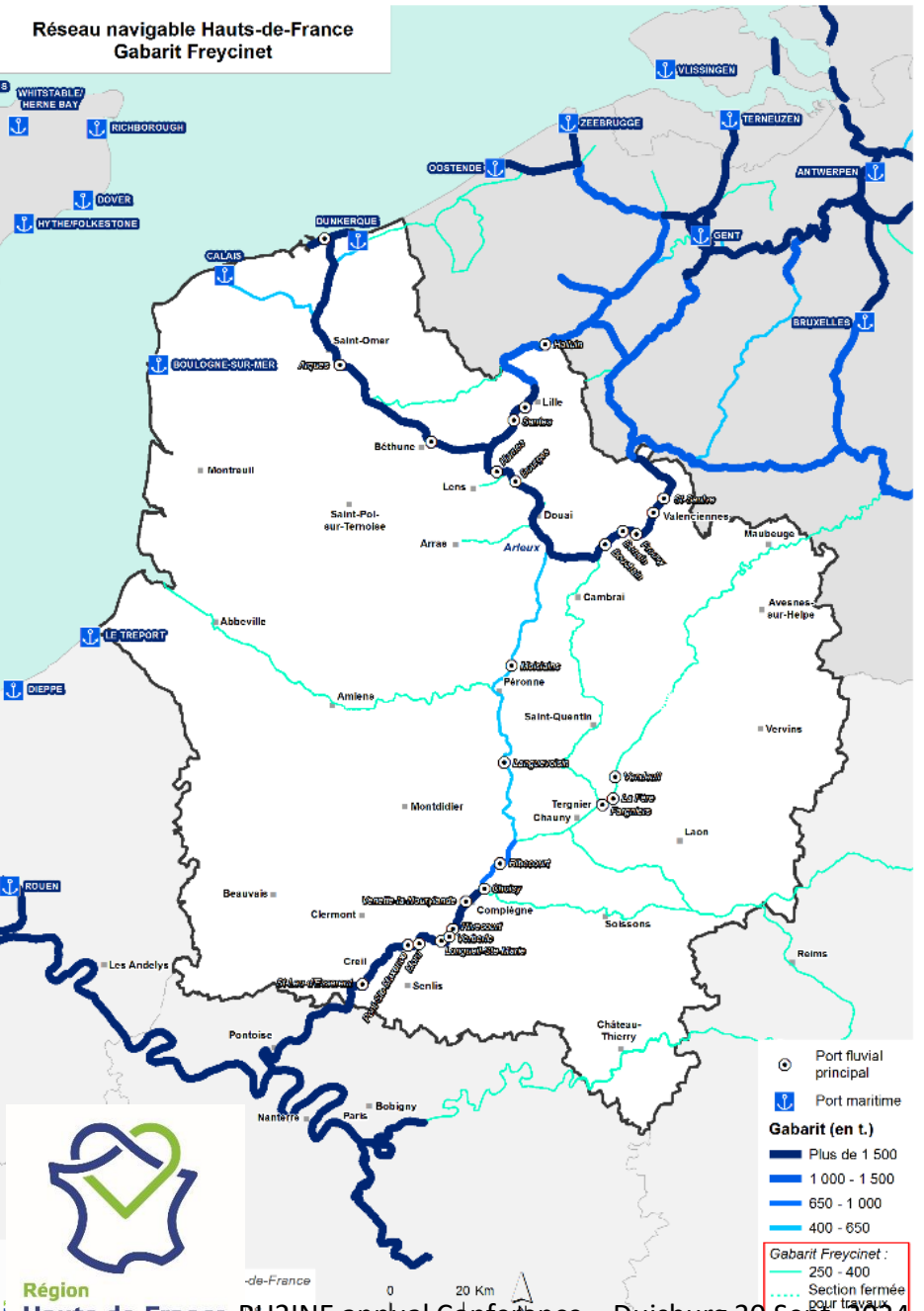
- **A neighborhood strategy** as a compass for the European regional vision.
- **North-Rhine Westphalia:**  
10 years of successful partnership. In the 5th area of cooperation:  
*'promotion of renewable energies, energy efficiency and activities aimed at promoting the energy transition, including energy research'*
- **The Netherlands:** a new shared roadmap for 2024-2028  
*Promoting energy transition with a focus in sustainable transports & exchanges around strategic sectors as transport and infrastructure, & H2*
- **The Benelux Union:** a strategic association in the making.



# Hauts-de-France's action for decarbonisation

- **Rev3:** making the 3<sup>rd</sup> Industrial revolution  
**'From black to green':** joint dynamic developed with the regional Chamber of Commerce and Industry since 2012, aiming at leading the energetic, technologic and social transitions on the ground.
- **A new regional roadmap for hydrogen development:**
  - ✓ adopted in 2024 after a co-construction approach with more than 80 stakeholders  
*manufacturers, users, energy specialists, academics and local authorities*
  - ✓ 2 main goals : decarbonize industry and uses as efficiently and quickly as possible  
encourage the development and installation of low-carbon technologies, industries, know-how and uses that contribute to the region's sustainable prosperity.
  - ✓ A several steps approach, first based on the existing industrial and hub logistics to bring production and consumption together.
  - ✓ **Some projects to come:** DHUNE, SHYMED, H2V Dunkerque, OrCHyDé, FertigHy





# Sea and river navigation in Hauts-de-France

- **Dunkerque sea Port:** 3<sup>rd</sup> sea port in France : 44,4mT traffic  
7<sup>th</sup> of the Northern European Range
- **A strong network of inland ports:** Lille, Valenciennes, Douges, Compiègne, ...
- **The Seine Nord Europe Canal :** 107km connexion between French rivers network and the 20.000kms European waterways via the Seine-Escaut
- **Hauts-de-France actors,** such as NordLink, VNF, Dunkerque Port, working on hydrogen as one of the solution for the energy-mix uses.





# Scope for action & ambitions

## Legal competences:

- ✓ Organisation of the **regional transports** (train, interregional buses, etc.)
- ✓ Technical management and building of the **Lycées** (secondary high schools) and organisation of **professional training courses**.
- ✓ **Economic development** and regional development **planning**



# Ambitions & objectives in joining RH2INE

- ✓ Work on a **coordinated and appropriate approach to strengthen synergies and the place of hydrogen** in the energy mix towards a zero-emission North Sea – Rhine – Mediterranean transport corridor
- ✓ **Coordination role with regional stakeholders** to raise awareness over RH2INE and encourage participation of regional stakeholders in shared projects
- ✓ In addition to technological and infrastructure projects, and in line with our regional skills, **encourage exchanges in the fields of vocational and initial training, employment, universities and research**, in particular via our "rev3 network of professions of the future" initiative.



# Thank you !

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