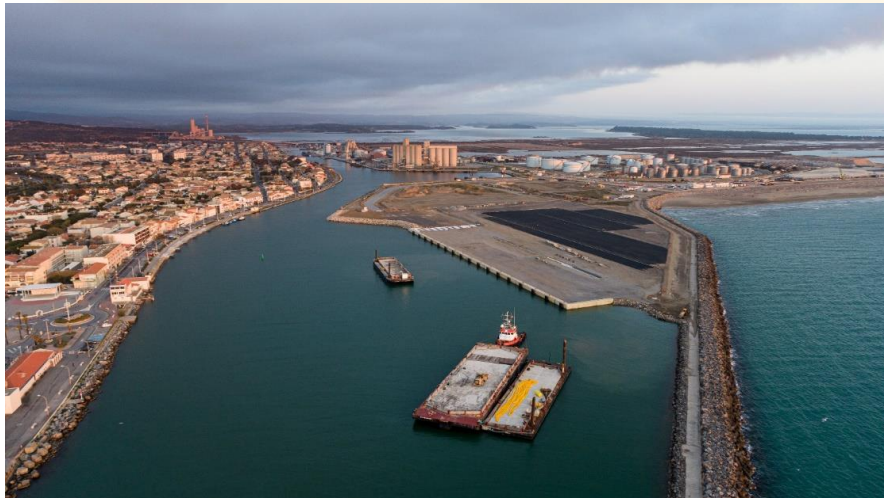
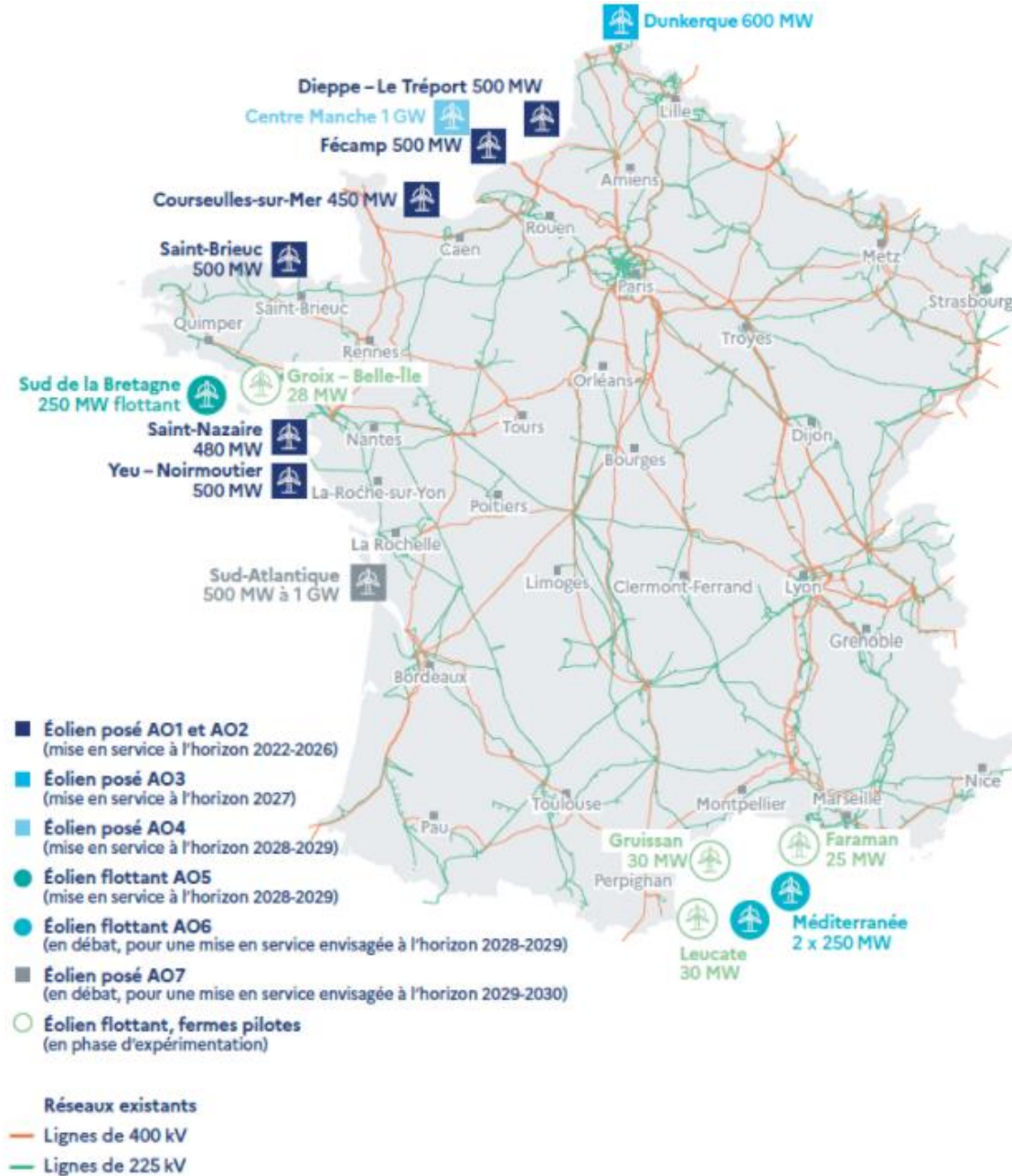


# Development of offshore floating wind in the Occitanie region

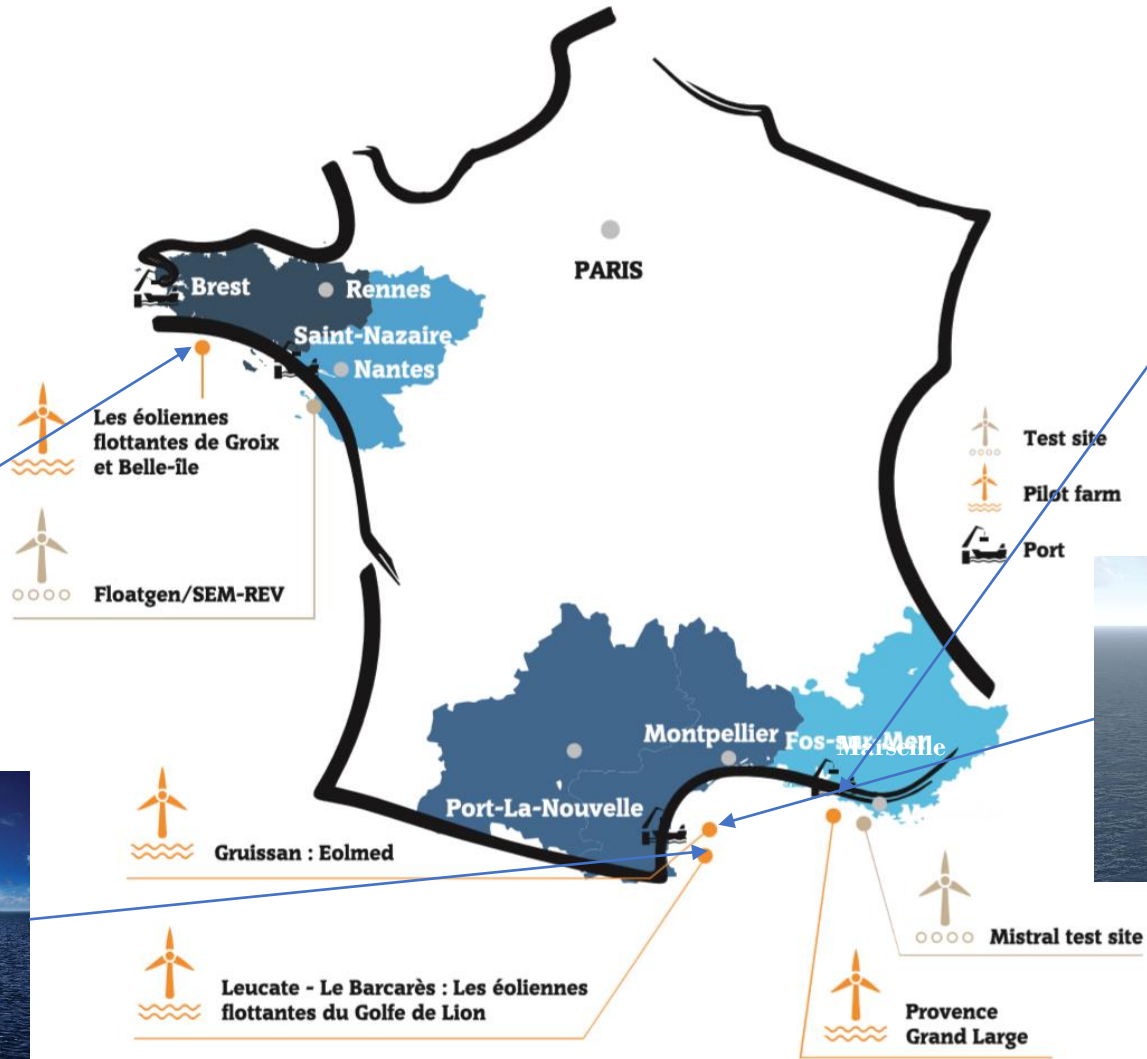
07 July, 2022



# Offshore Wind in France



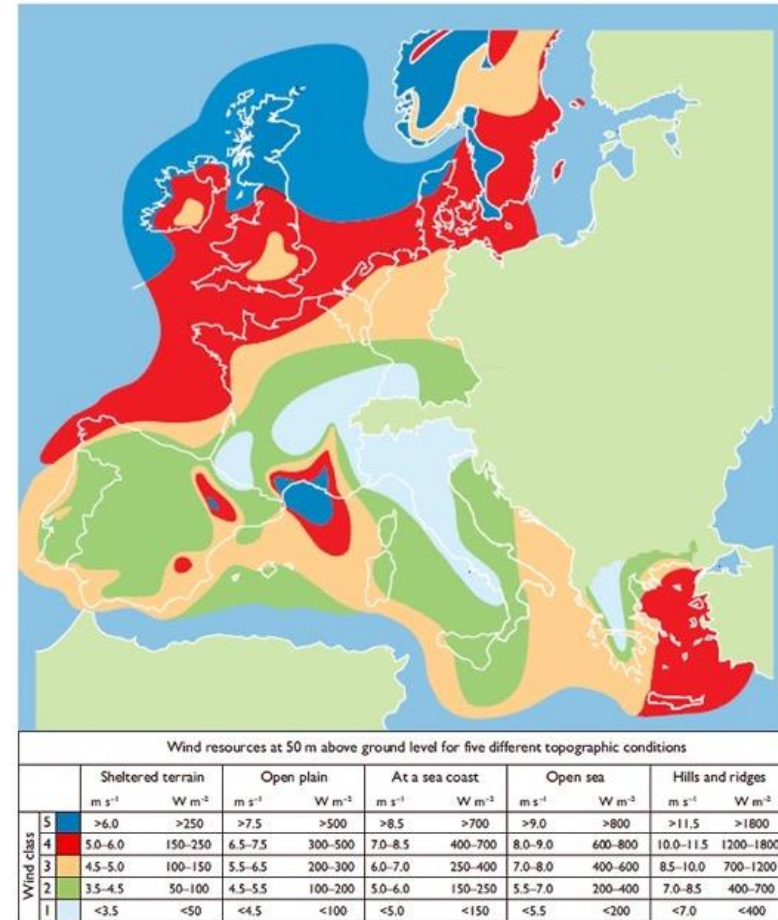
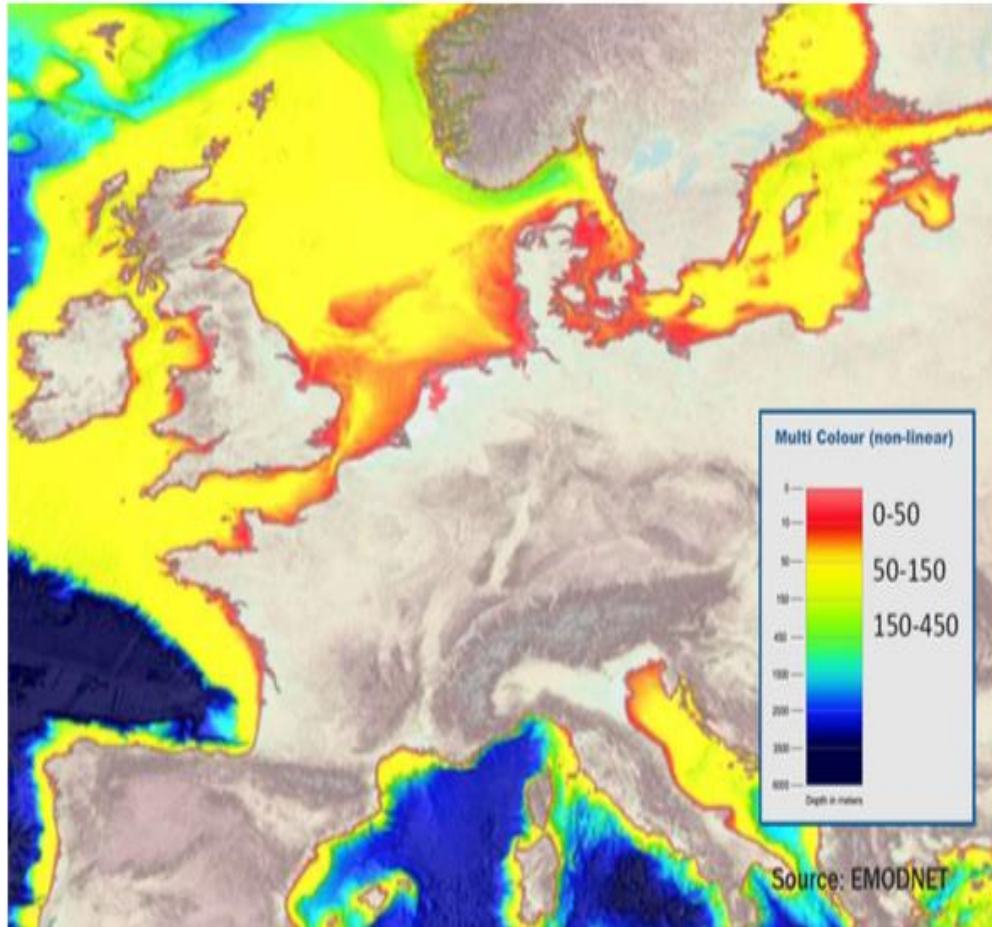
# Floating pilot farm in France



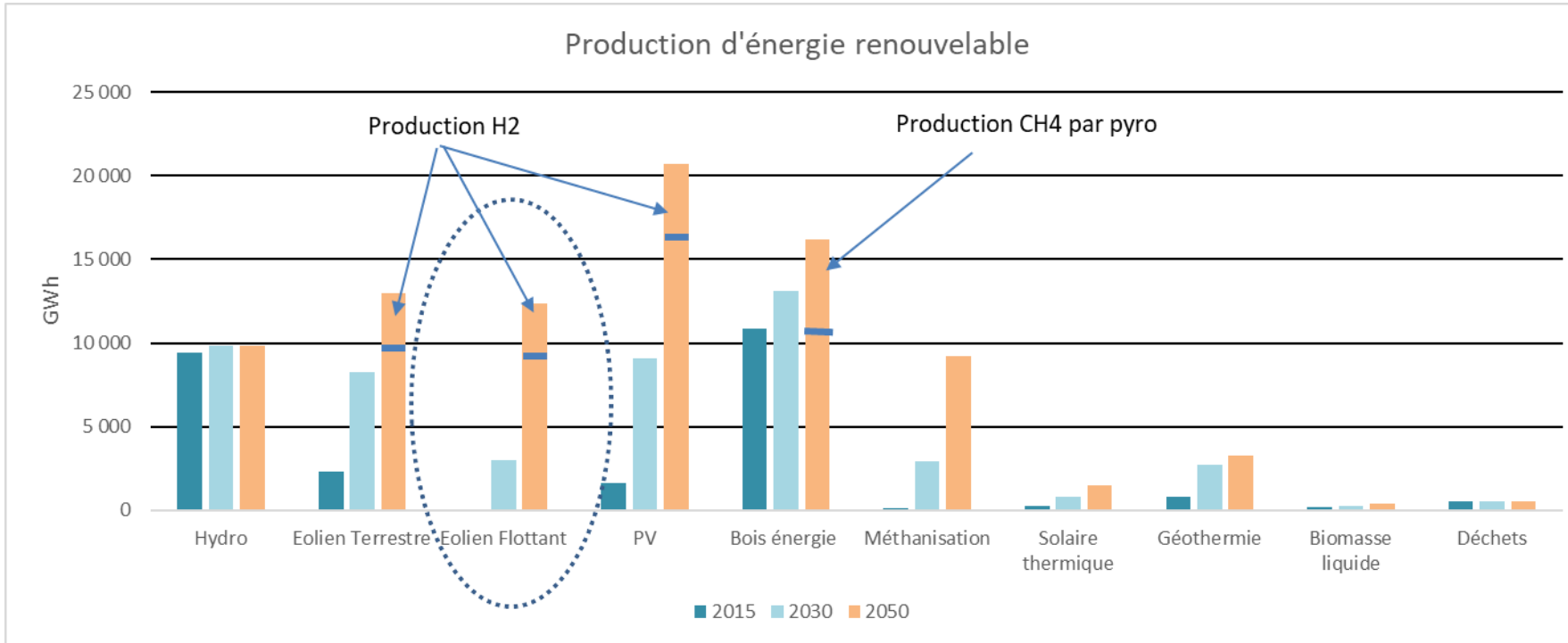
# Projects in région Occitanie



# Wind resources in Occitanie



# Positive Energy Region Objectives

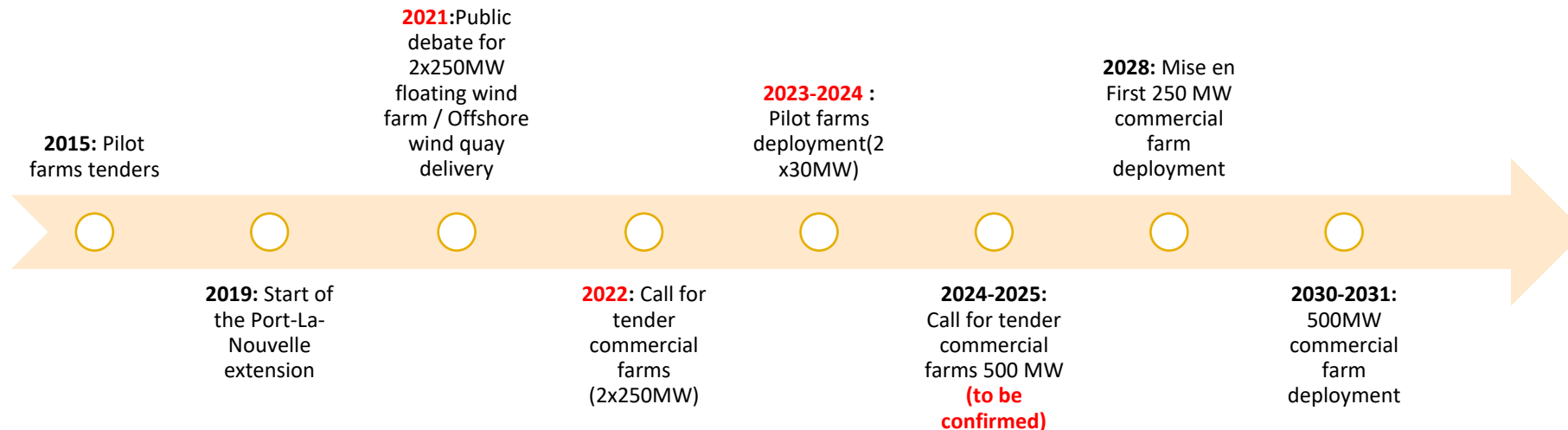


2030: 800 MW, 10% of the regional renewable production

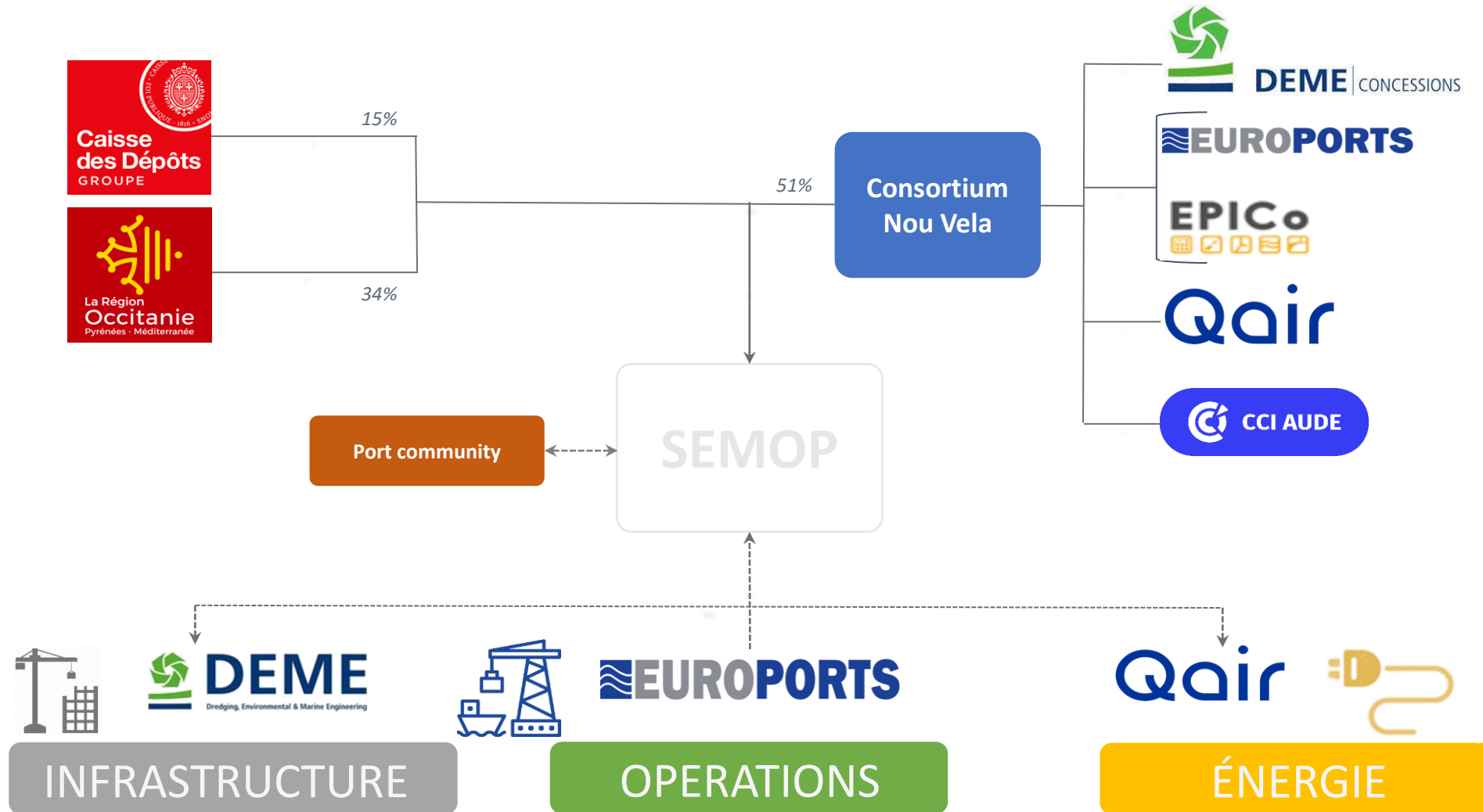
2050 : 3 000 MW, 22, 5 % of the regional renewable production

# Milestones toward 2030

- **2015:** Pilot farms tenders
- **2019:** Start of the Port-La-Nouvelle extension
- **2021 :**
  - Public debate for 2x250MW floating wind farm
  - Offshore wind quay delivery
- **2022 :**
  - Call for tender commercial farms (2x250MW)
- **2023-2024:** Pilot farms deployment(2x30MW)
- **2024-2025:** Call for tender commercial farms 500 MW **(to be confirmed)**
- **2028 :** First 250 MW commercial farm deployment
- **2030-2031:** 500MW commercial farm deployment

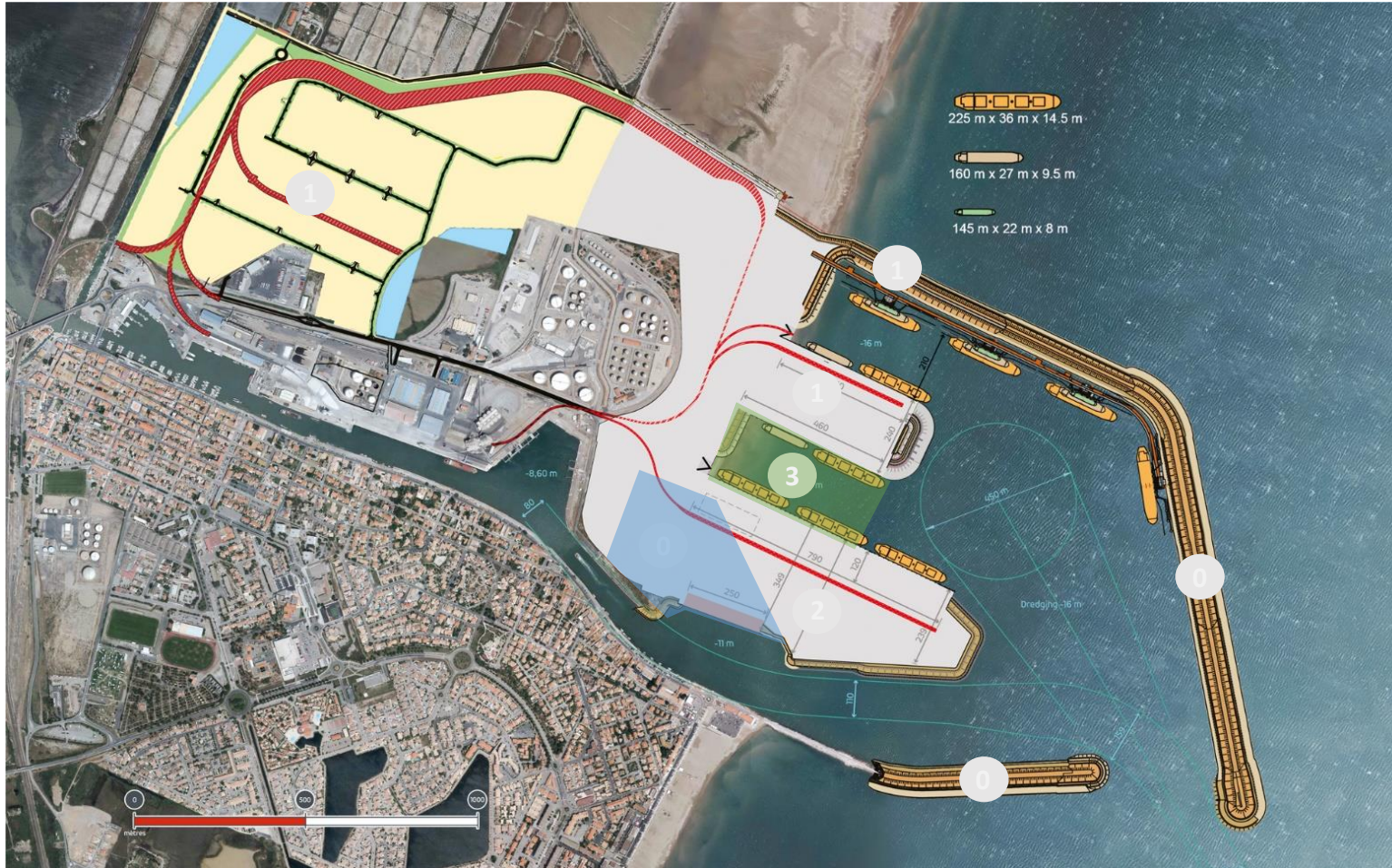


# Port la Nouvelle: Floating Wind Port





# Port la Nouvelle: Floating Wind Port



2019  
-2023

0

## Preliminary works - Region (Bouygues & SDI)

Extension of existing South breakwater (~600 meters)  
Construction of a new North breakwater to create a new harbor basin (2,5km)  
Shortening of existing North breakwater  
Construction of the Heavy lift quay (250m) dredged at -11.00 m ZH

2021  
-2025

1

## Phase 1 - SEMOP

Construction of a bulk liquid berth,  
Dredging the new harbor basin to -15.9 ZH  
Construction of a new multi-purpose terminal ("petit mole") and 2 new berths  
Development of port logistic park  
Construction of second heavy lift quay

2022  
-2025

2

## Phase 2 - SEMOP

Construction of a new Grand Môle of 34Ha connected to heavy duty berth  
Construction of 2 additional berths

2030 et  
après

3

## Phase 3 - SEMOP

Construction of multi-purpose quay south of petit mole (P6-P7)  
Construction of multi-purpose quay north of grand mole (P8-P9)

# Port la Nouvelle: Floating Wind Port



*Breakwaters works - August 2021*



*Heavy load quay - August 2021*

## **Preliminary works - Region (Bouygues & SDI)**

Breakwaters works on schedule and reunification of the 2 sections of North Breakwater expected for 2023

Heavy lift quay (250m) dredged at -11.00 m ZH and the 7ha of adjacent yard completed on time and delivered to the SEMOP mid-January 2022

First operations on the terminal planned for Q4 2022

## 4. WORKSHOPS AND FURTHER DEVELOPMENT (AO6)



- ▶ Implementation of workshops with developers, manufacturers, designers
- ▶ Thomas Debize in charge of the windmill port engineering to lead workshops

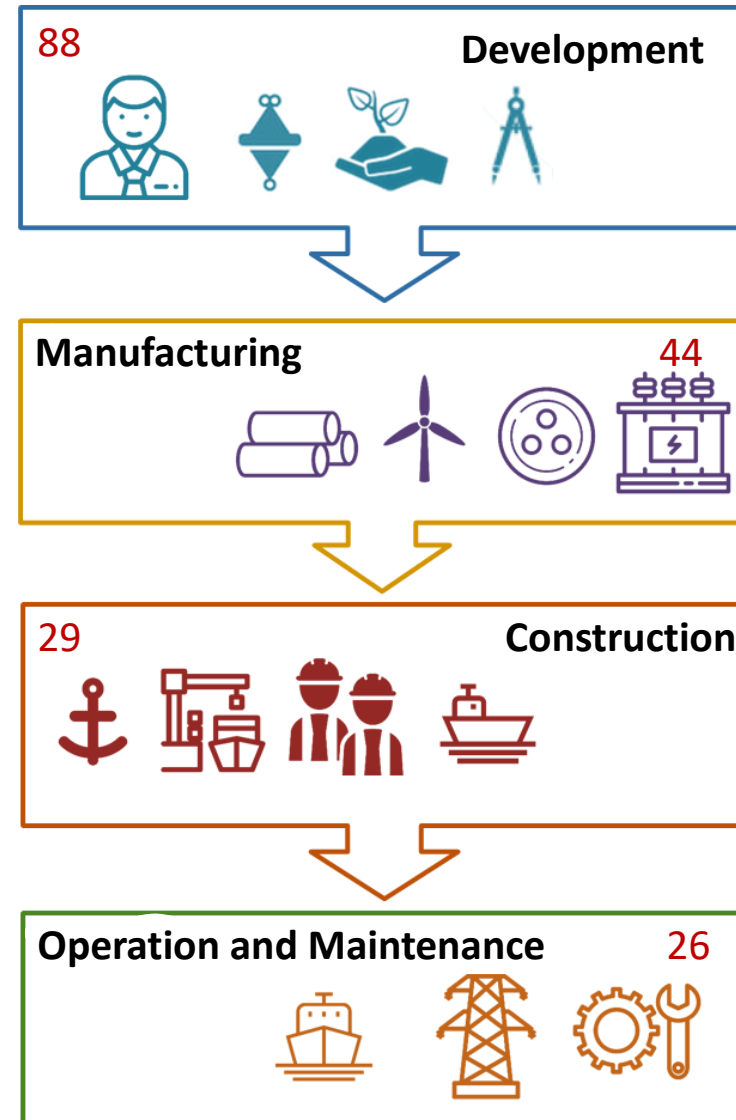
# Occitanie Value Chain



And 25 Academics and laboratories

[Wind'OCC - AD'OCC \(agence-adocc.com\)](http://agence-adocc.com)

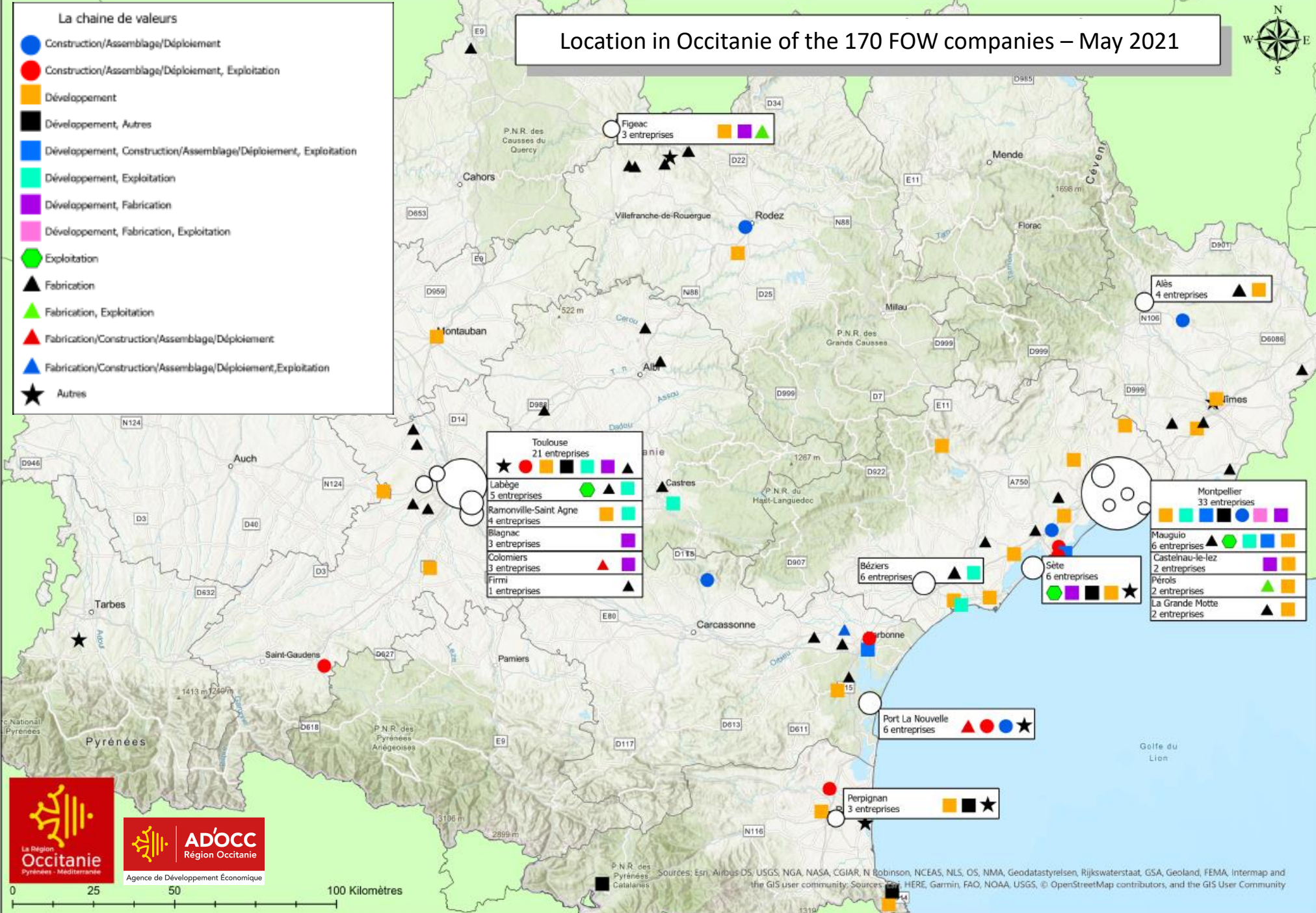
170 Companies



# Location in Occitanie of the 170 FOW companies – May 2021



- La chaîne de valeurs**
- Construction/Assemblage/Déploiement
  - Construction/Assemblage/Déploiement, Exploitation
  - Développement
  - Développement, Autres
  - Développement, Construction/Assemblage/Déploiement, Exploitation
  - Développement, Exploitation
  - Développement, Fabrication
  - Développement, Fabrication, Exploitation
  - Exploitation
  - ▲ Fabrication
  - ▲ Fabrication, Exploitation
  - ▲ Fabrication/Construction/Assemblage/Déploiement
  - ▲ Fabrication/Construction/Assemblage/Déploiement, Exploitation
  - ★ Autres



# Academics and Laboratories: our regional R&D competencies

