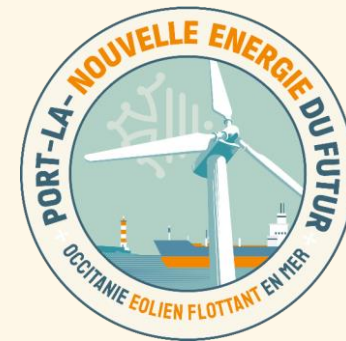
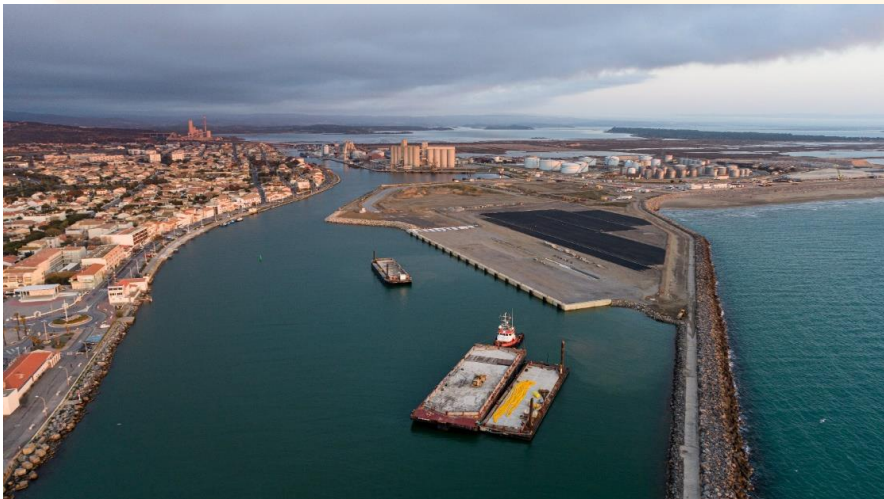


Occitanie and Sud Régions Floating Offshore Wind SEArica 28th September 2022



Offshore Wind in France

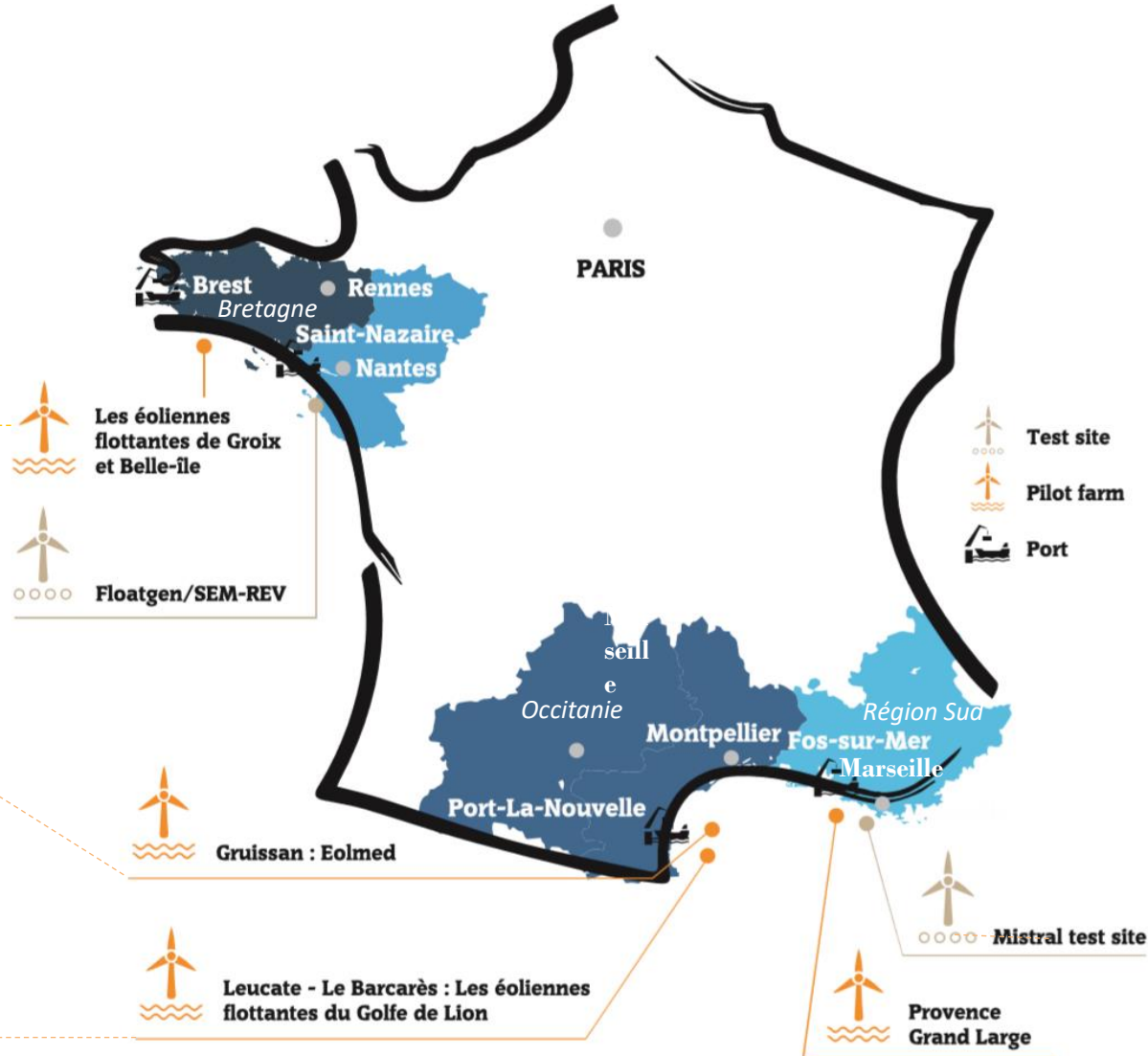


Floating Pilot Farms in France

Bretagne



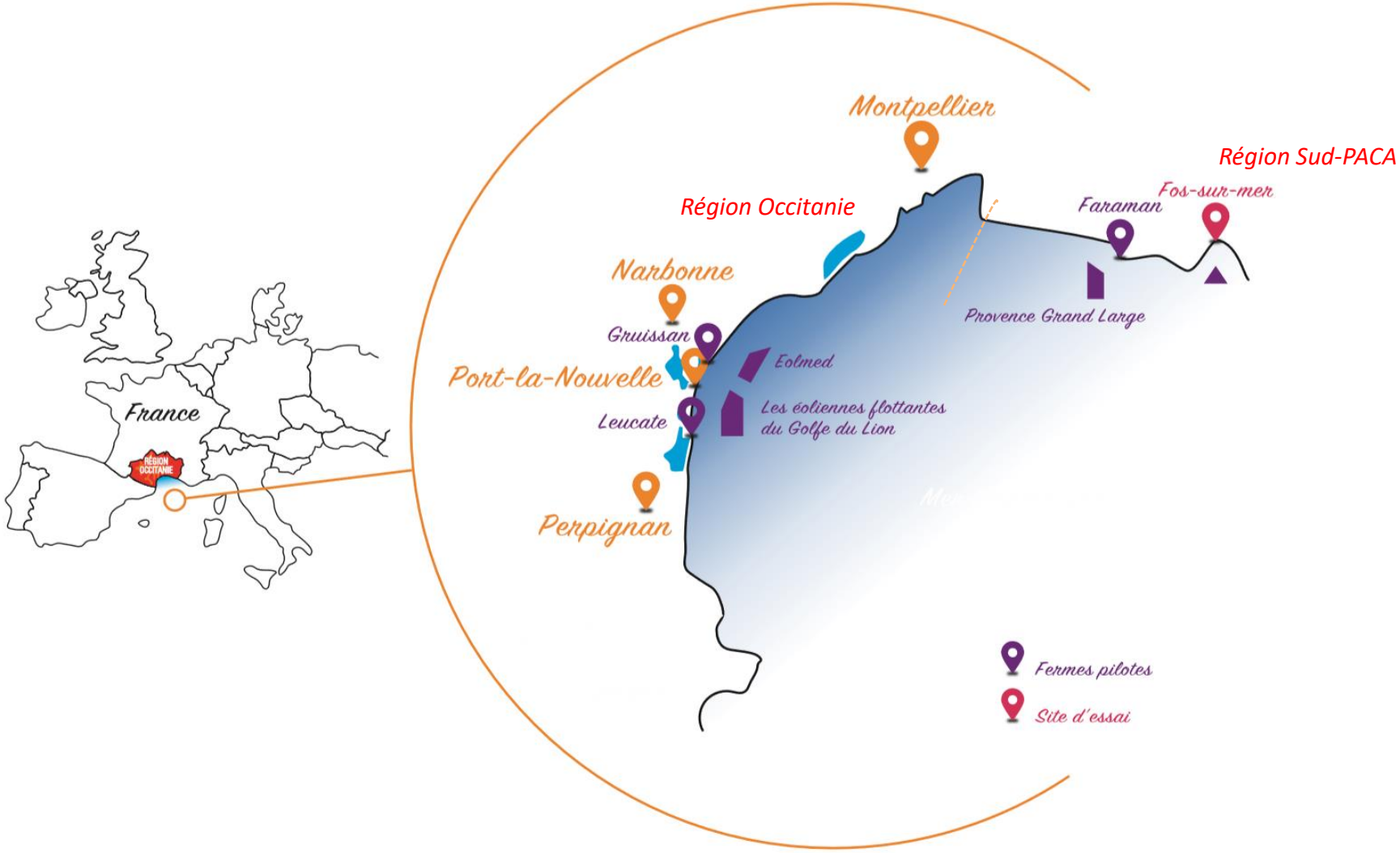
Occitanie



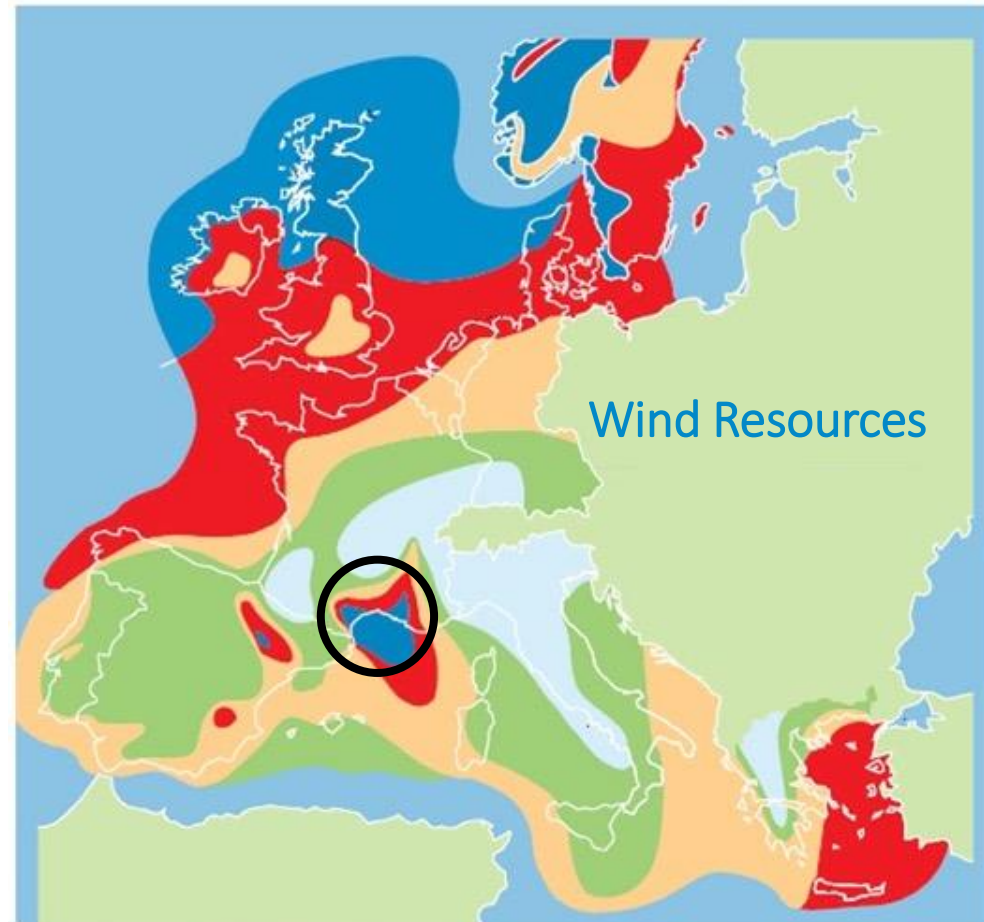
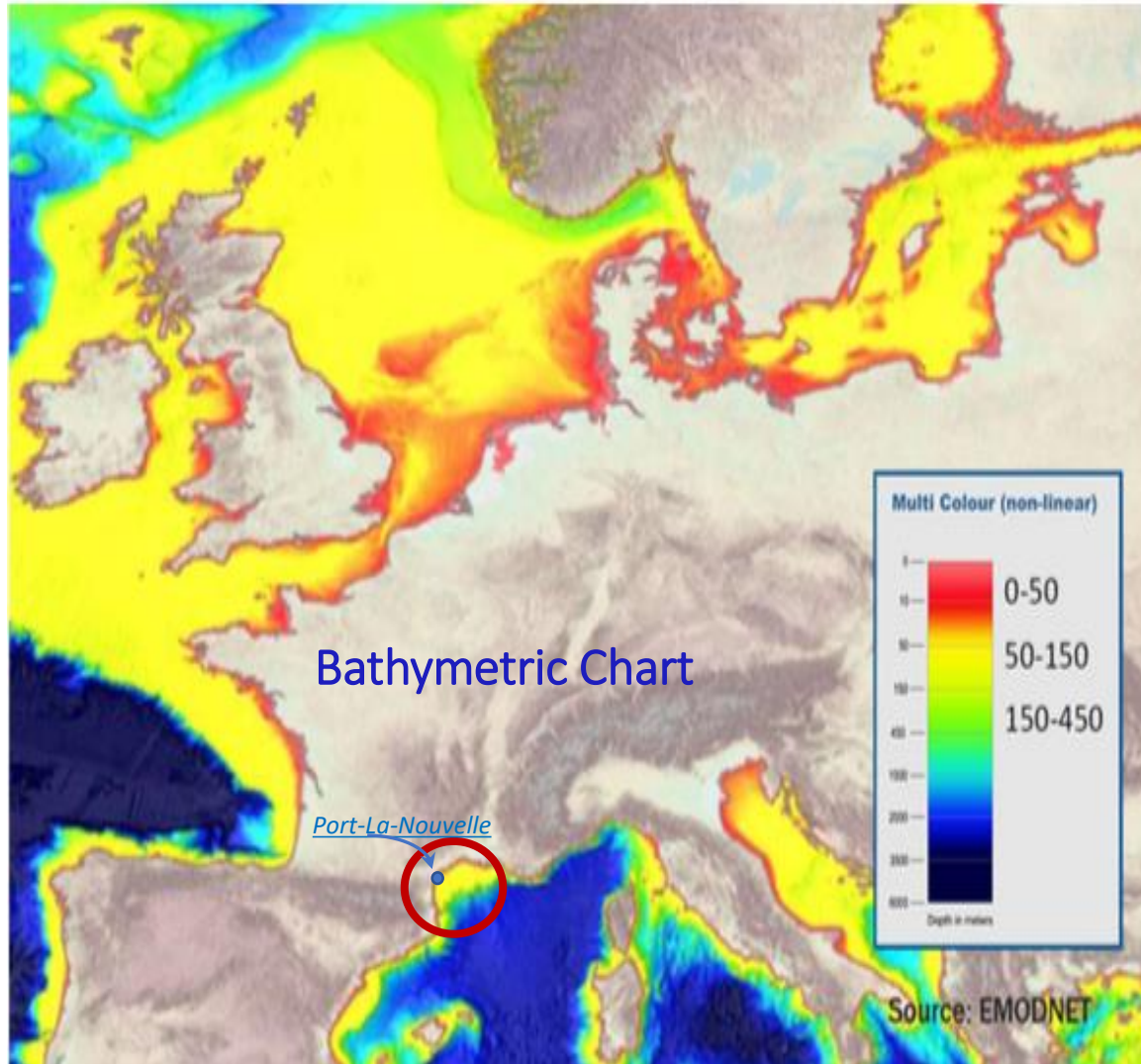
Région Sud



Projects in Région Occitanie



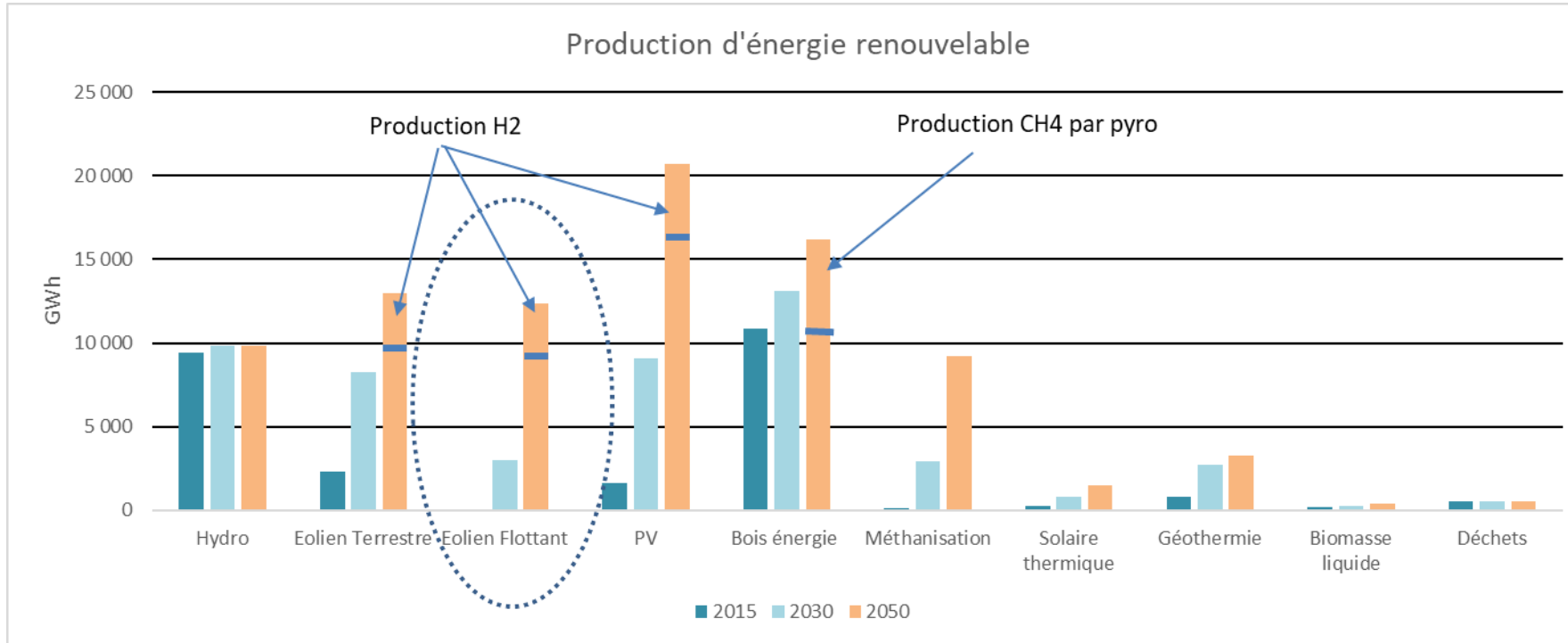
Wind resources in Occitanie



Wind resources at 50 m above ground level for five different topographic conditions

Wind class	Sheltered terrain		Open plain		At a sea coast		Open sea		Hills and ridges	
	m s ⁻¹	W m ⁻²	m s ⁻¹	W m ⁻²	m s ⁻¹	W m ⁻²	m s ⁻¹	W m ⁻²	m s ⁻¹	W m ⁻²
5	>6.0	>250	>7.5	>500	>8.5	>700	>9.0	>800	>11.5	>1800
4	5.0-6.0	150-250	6.5-7.5	300-500	7.0-8.5	400-700	8.0-9.0	600-800	10.0-11.5	1200-1800
3	4.5-5.0	100-150	5.5-6.5	200-300	6.0-7.0	250-400	7.0-8.0	400-600	8.5-10.0	700-1200
2	3.5-4.5	50-100	4.5-5.5	100-200	5.0-6.0	150-250	5.5-7.0	200-400	7.0-8.5	400-700
1	<3.5	<50	<4.5	<100	<5.0	<150	<5.5	<200	<7.0	<400

Positive Energy Region Objectives

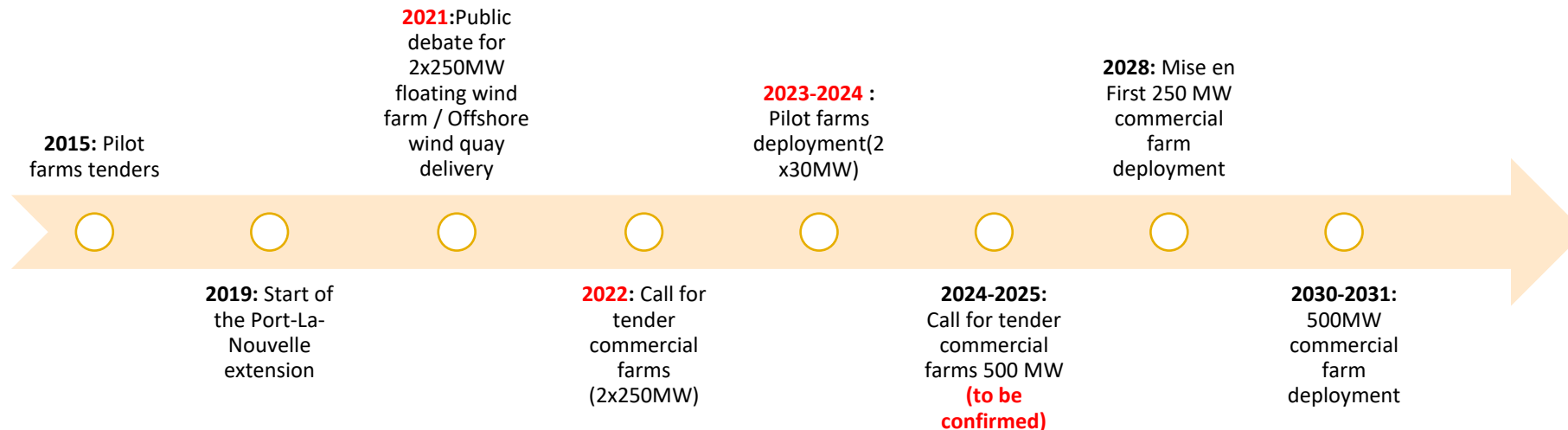


2030: 800 MW, 10% of the regional renewable production

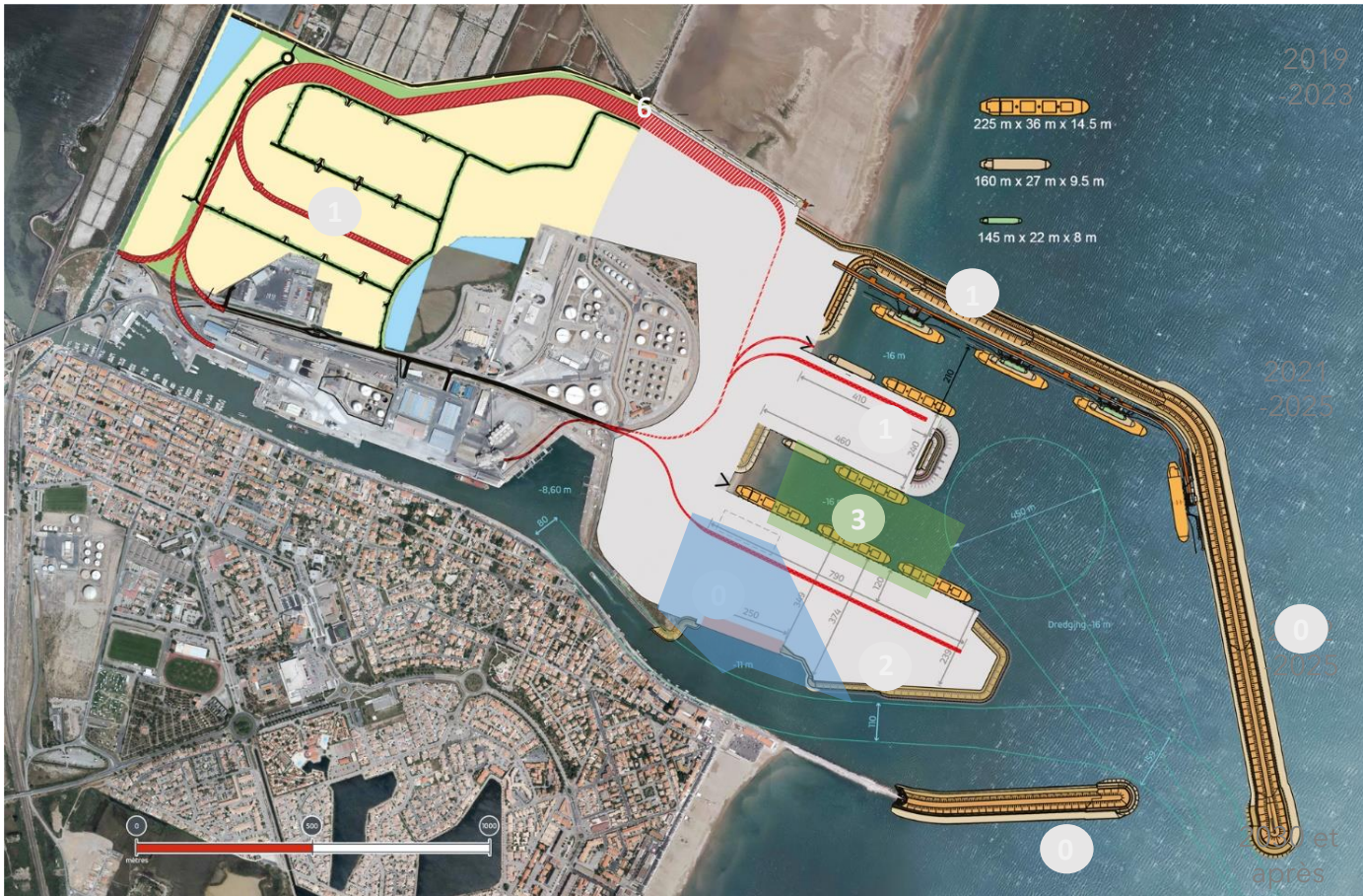
2050 : 3 000 MW, 22, 5 % of the regional renewable production

Milestone 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



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

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

2

Phase 2 - SEMOP

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

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



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

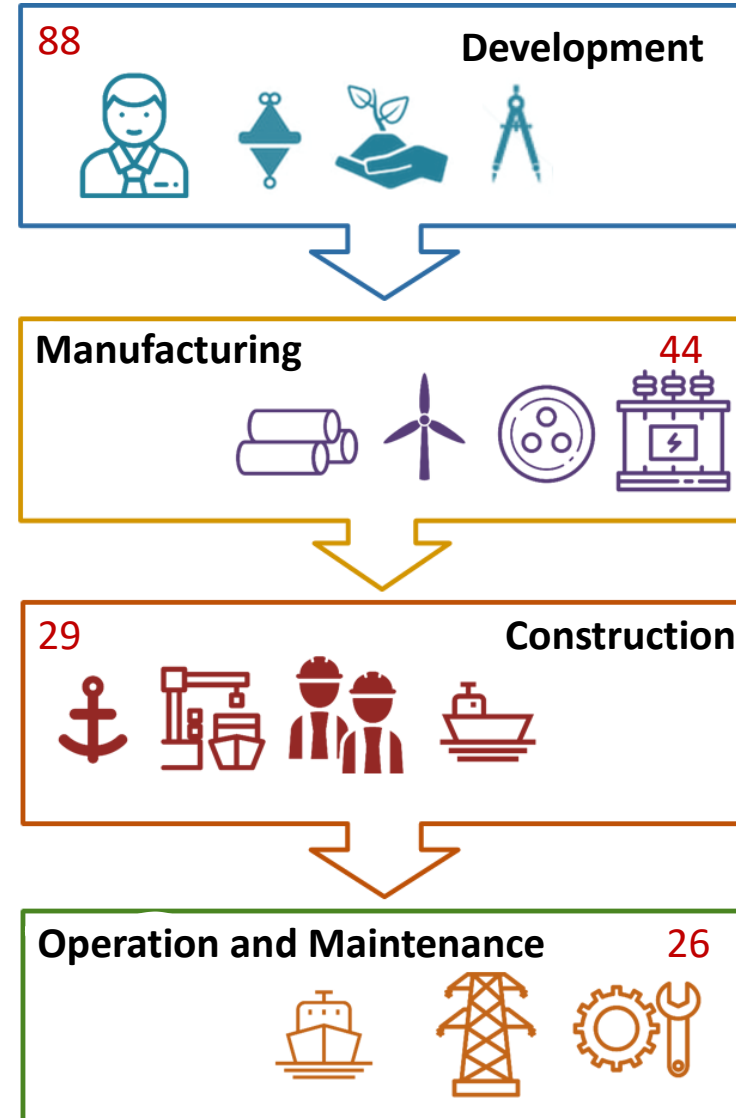
Occitanie Value Chain

Contact : windoocc@agence-adocc.com



170 Companies

25 Academics & Laboratories



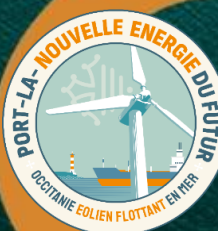
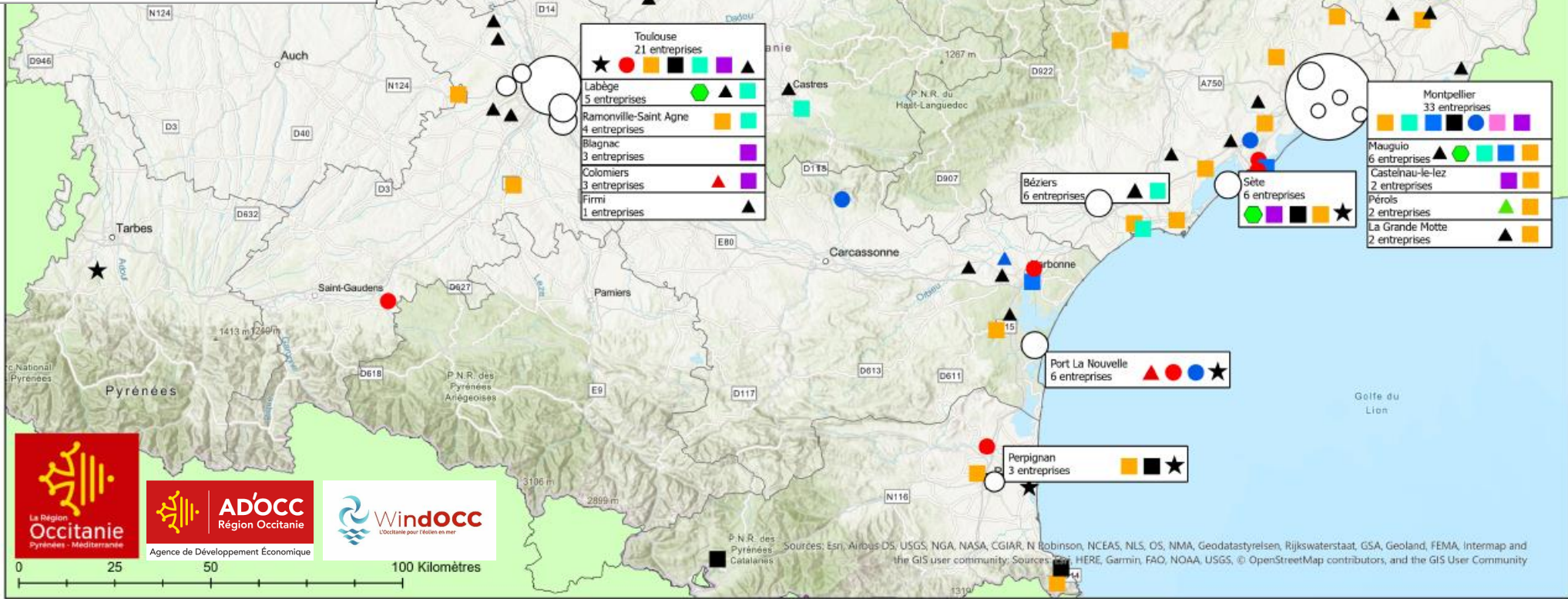
Location in Occitanie of the 170 FOW companies – May 2021

lottant



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

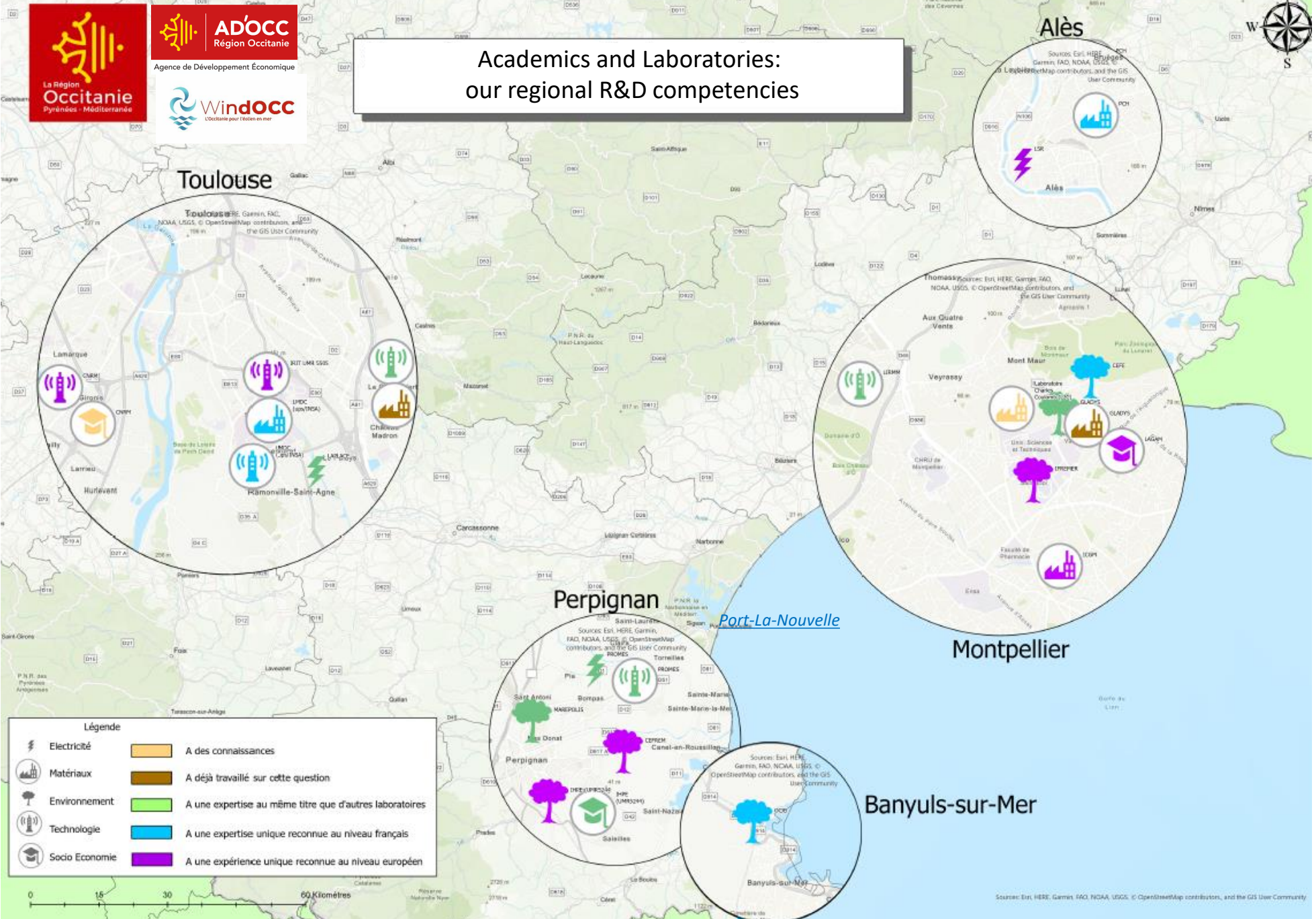


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastyrreisen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community. Sources: HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



0 25 50 100 Kilomètres

Academics and Laboratories: our regional R&D competencies



ANNUAIRE NUMERIQUE DES ACTEURS DE L'EOF EN REGION SUD SUDEOLE



ANNUAIRE NUMERIQUE DES ACTEURS DE L'EOLIEN OFFSHORE FLOTTANT EN REGION SUD



Contribuez au développement de la filière de l'éolien offshore flottant en Méditerranée



<https://www.sudeole.com/>

Annuaire co-financé par la région Sud Provence-Alpes-Côte d'Azur



1. DÉVELOPPEMENT DU PROJET

- R&D
- CONSULTANT / CABINET DE CONSEILS
- DÉVELOPPEUR
- COORDINATION
- ÉTUDES GÉOPHYSIQUES, MÉTÉOCLIM ET CARACTÉRISATION DE SITE
- COLLECTE / ANALYSE DE DONNÉES
- INGÉNIEURIE / DESIGN EQUIPEMENT
- FINANCEMENT
- CERTIFICATION, RÉGLEMENTAIRE ET ASSURANCE

2. FABRICATION

- TURBINES / COMPOSANTS
- RACCORDEMENT
- EQUIPEMENT MARIN
- EQUIPEMENT ET SERVICES ÉLECTRIQUES / ÉLECTRONIQUES
- EQUIPEMENTS ET SERVICES MÉCANIQUES / HYDRAULIQUES
- SYSTÈMES DE CONTRÔLE / OPTIMISATION / AUTOMATISMES
- PRÉPARATION, TRAITEMENT DE SURFACE
- USINAGE
- FABRICATION MÉTALLIQUE / CHAUDRONNERIE

CHAÎNE DE VALEUR EOLIEN OFFSHORE FLOTTANT

5. AUTRES

- ADMINISTRATIONS, COLLECTIVITÉS
- PÔLES ET CLUSTERS
- FORMATIONS
- ACADÉMIQUES / LABORATOIRES
- AUTRES

4. EXPLOITATION

- MAINTENANCE
- INSPECTION
- SERVICES MARITIMES ET LOGISTIQUES
- TRANSPORTS MARITIMES
- GESTION DES PARCS
- SYSTÈMES DE MAINTENANCE
- OPTIMISATION DE LA PRODUCTION
- DATA / MONITORING
- HYGIÈNE ET SÉCURITÉ

3. CONSTRUCTION, ASSEMBLAGE ET DÉPLOIEMENT

- LOGISTIQUE, SERVICES PORTUAIRES
- GÉNIE CIVIL
- RACCORDEMENT
- LEVAGE / TRANSPORT
- CONSTRUCTION
- PRÉ-ASSEMBLAGE
- ASSEMBLAGE ÉOLIENNE
- ASSEMBLAGE ÉOLIENNE FLOTTANT
- INSPECTION
- COMMISSIONING (MISE EN SERVICE)
- OPÉRATIONS MARITIMES

Annuaire membres

Vous souhaitez référencer votre organisation ?



+ de 93 acteurs déjà référencés



Thank You

Julien CIGLAR

julien.ciglar@agence-adocc.com

