



The **ORNIT-EOF** project is funded by **ADEME, EDF Renewables, Engie and Eolfi** which aims to act as a model for an observatory of the avifauna in interaction with the floating offshore wind farms of the Gulf of Lion. This project, coordinated by Pôle Mer Méditerranée, started on March 1, 2020 and will end during the first semester of 2022.



## Floating offshore wind farms in the Gulf of Lion:

The context of the imminent establishment of FOW pilot and commercial farms integrating the connection with electricity grid operators represents an opportunity to build an observatory of the avifauna for migratory birds and seabirds in connection with this development.

## High-frequency observation tools:

The ORNIT-EOF project consists of designing a methodology and architecture for high-frequency observation tools adaptable to floating offshore wind farms elements (e.g. offshore platforms). The observation tools thus identified will make it possible to acquire data and document the state and evolution of the avifauna interacting with FOW farms in the Gulf of Lion.

## Anticipate the assessment of the potential environmental impact of floating offshore wind farms on avifauna:

The objective of the project is to study and test certain methods to assess future impacts in the most objective way, in order to gain knowledge of the impact on bird populations.

## The objective of the project is twofold:

- The proposal of a generic architecture for a high-frequency observation network and the gathering of knowledge on birdlife, necessary for the evaluation and monitoring of the environmental impact of these parks;
- The development of modeling tools based on the concept of energy landscapes. These tools can help decision-making by public authorities on the location of future FOW commercial farms in the Gulf of Lion.

## Partners:

This project, coordinated by Pôle Mer Méditerranée, brings together excellent scientific teams: Biotope, CNRS-CEFE, France Energies Marines, LPO PACA.



Starting from **01/03/2020**, this 2-year project should deliver its **results in 2022** when FOW pilot farms are launched



**A BUDGET OF 560 K€:**  
ADEME subsidy and private funding.

**A Steering Committee** consisting of energy companies, electricity grid operators, local authorities, governmental authorities, as well as stakeholders such as inter alia environmental groups and avifauna organisations will ensure the involvement of most representative stakeholders.

