

MIGRALION

Combining technologies to study the marine and terrestrial flying fauna in the Gulf of Lion (France).



Total budget: 4,2M€

2021-2025

MigraLion's mission is to acquire as much data and knowledge as possible on the flying fauna in the Gulf of Lion, in the western Mediterranean Sea. The program relies on the deployment of complementary and innovative means and technologies on land and at sea.



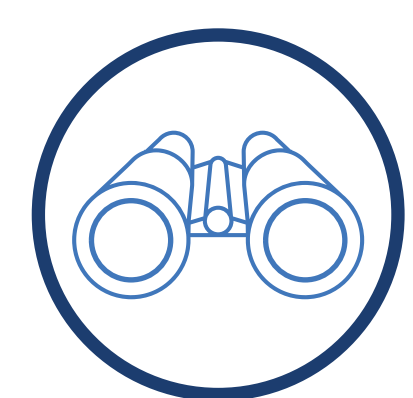
RADARS



ACOUSTIC
RECORDINGS



TELEMETRY



VISUAL
OBSERVATIONS

From the use of the space by seabirds to the large biennial crossings of migratory species, little is known about the flying fauna frequenting this marine area.

KEY QUESTIONS:

- What species cross the Gulf of Lion?
- What are the migratory flows and corridors at sea?
- At what altitudes do the different species fly?
- What are the main feeding areas of seabirds at sea?

The combined analysis of the data collected will help characterise the movements and behaviours of birds and bats in the Gulf of Lion, to better anticipate their interactions with offshore infrastructures and other anthropogenic activities.

What's at stake?

As floating wind turbine projects develop in the Mediterranean, there is an urgent need to understand how migratory birds move through the Gulf of Lion and how seabirds exploit and use its resources to survive. This baseline will help identify the environmental issues and impacts associated with floating wind turbine projects in the Mediterranean sea.

Programme co-financed by the Ministry of Ecological Transition, SUD Provence-Alpes-Côtes d'Azur and Occitanie regions

