

MIGRALION

Monitoring bird migration in the Gulf of Lion by **radars**.



The MigraLion programme aims to acquire knowledge on the flying fauna in the Gulf of Lion, in the Mediterranean, while floating wind turbine projects are emerging. Among the means implemented: ornithological radars. Capable of detecting small targets, they allow to quantify the movements of flying animals at various key locations along the coast.

WHY RADAR?

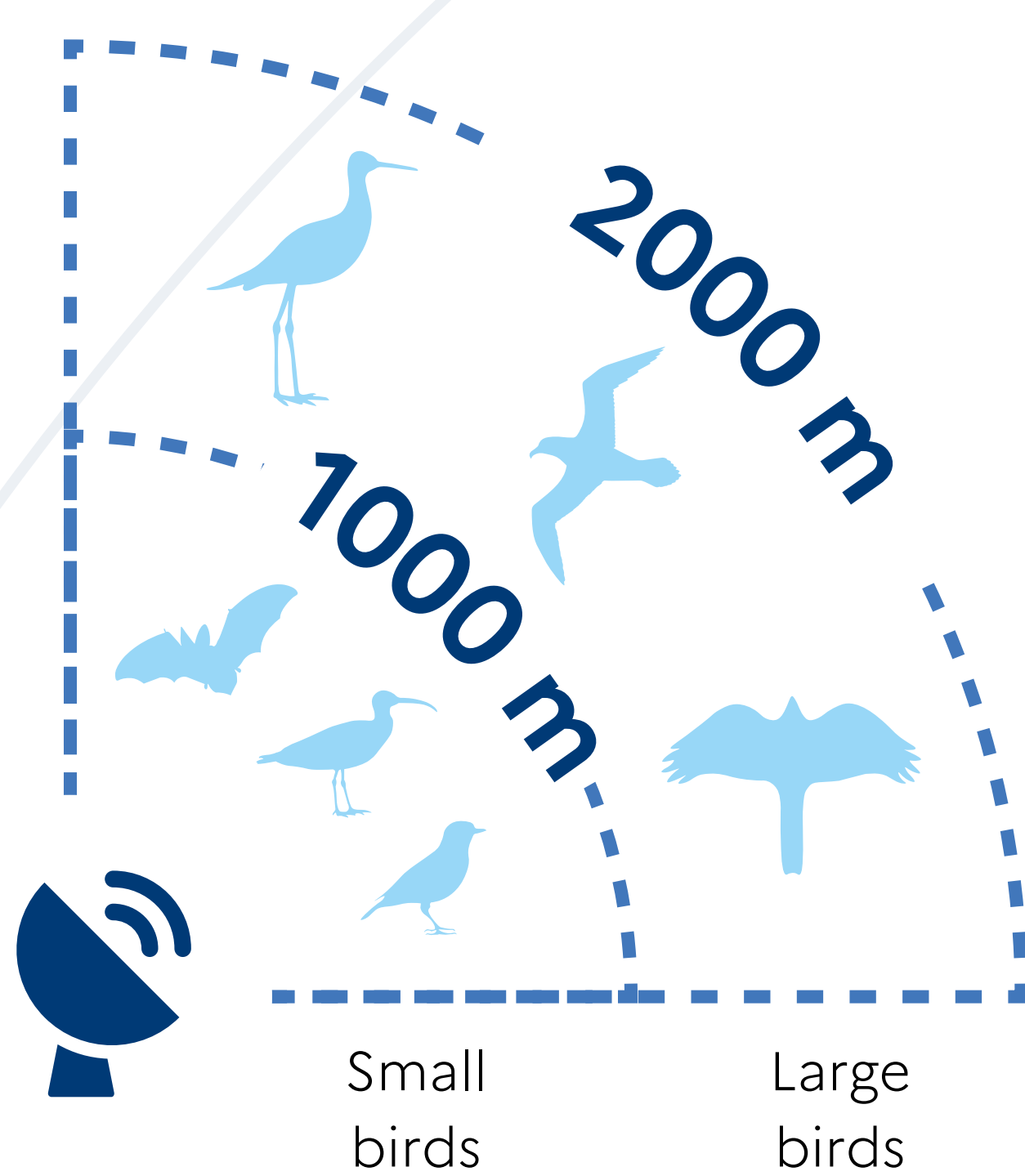
With this tool, it is possible to study the migratory flows and flight heights day and night without interruption for all bird species including the smallest ones such as passerines.

TWO RADARS POSITIONED ON THE COAST

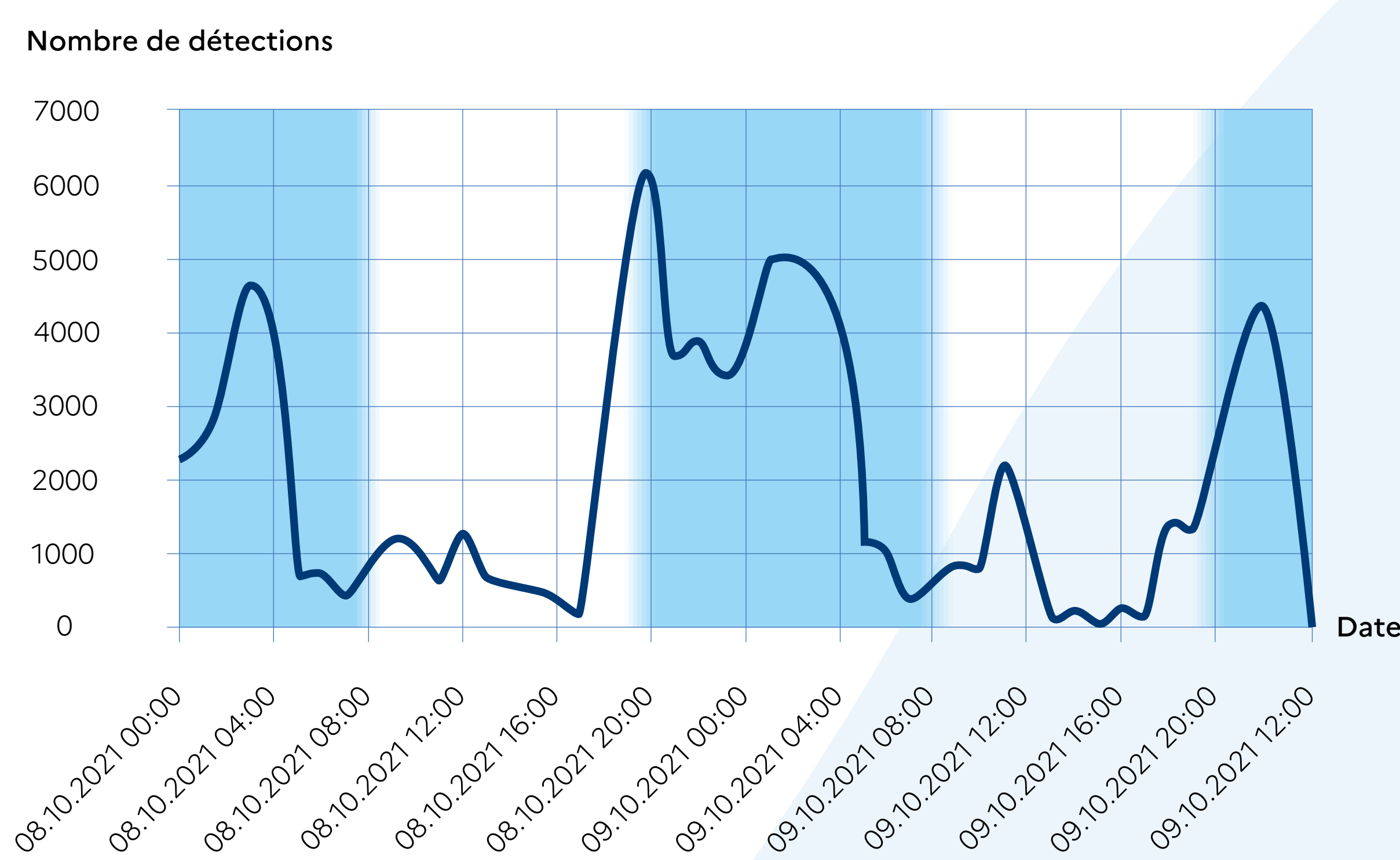
A fixed radar operating continuously year round, in the Camargue, and a mobile radar moved along the coast for 16 weeks at the time of migrations.



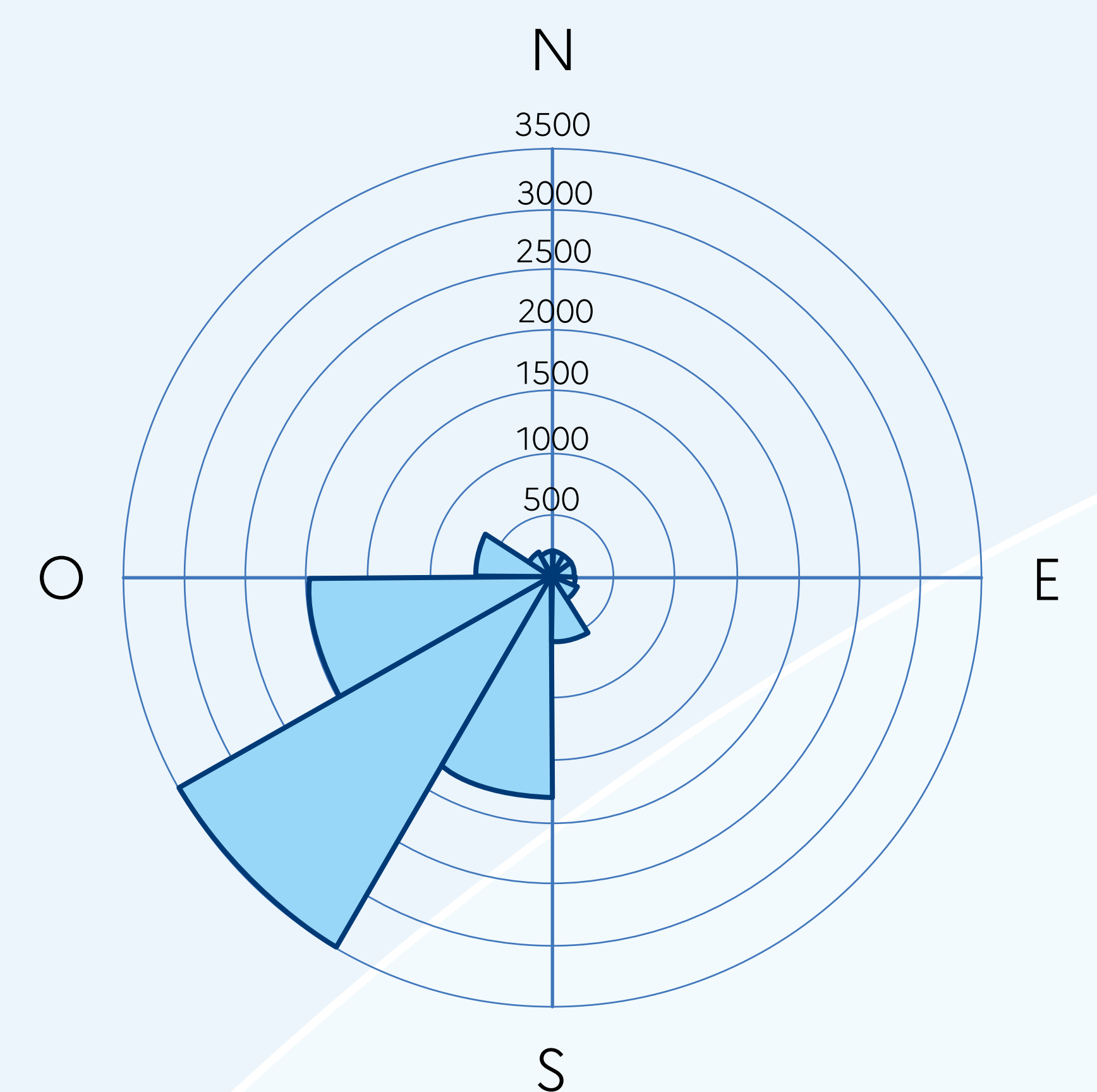
Detection capacity



Number of individuals



Speed and direction of flight



EXPECTED RESULTS

Combined with the results of other types of monitoring (acoustic, visual, banding), the radar data will allow to characterise the annual cycles as well as the migration routes and flight altitudes in the Gulf of Lion.

This information is crucial to well consider the development of floating wind turbines in the Mediterranean.

Learn more about the MigraLion programme



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