

Liberté Égalité



Séminaire du plan national d'actions en faveur du Puffin des Baléares

24 au 26 juin 2024





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plan national d'actions en faveur du Puffin des Baléares



History and genesis of the plan



- 2005 1st Symposium on the Mediterranean action plan for the conservation of marine and coastal birds Recommendation to contemplate with in all national and international action plan cooperation efforts with the Non-Mediterranean countries visited by these species One example is developed: the Balearic Shearwater
- 2011 First international action plan for the Balearic Shearwater coordinated by SEO / BirdLife
 - In which France was urged to commit to taking this endangered species into account -> Need to transcribe the International Action Plan at the French scale
- 2021 After 2 years of public engagement, France approved its own National Action Plan (NAP) in support of this species.
 - The french ministry in charge of ecology then designated the Brittany Regional Environment, Planning and Housing Directorate (DREAL Bretagne) as the coordinating DREAL, which entrusted the French Biodiversity Agency with steering the implementation of the NAP



A national policy led by the ministry in charge of ecology

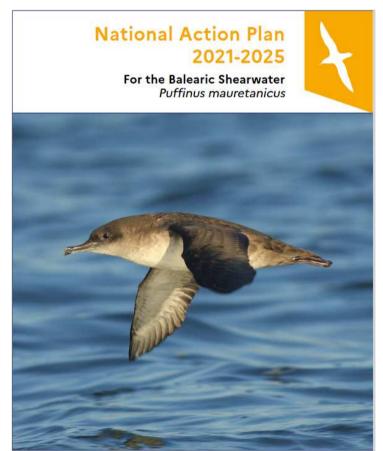
OFB OFFIGE ERRORESIS

Dedicated to the most threatened species

First marine species for metropolitan France to be selected for a NAP

The objective of this National Action Plan for the Balearic Shearwater is to define a medium- and long-term strategy which aims to:

- Organise coherent monitoring of populations of the species;
- Implement coordinated actions favourable to the restoration of the species and its habitat;
- Facilitate the integration of the protection of this species in human activities and public policies;
- Inform and raise awareness among the stakeholders concerned and the general public.







Monitoring strategy



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Standardized monitoring of the 6 main congregation sites in France





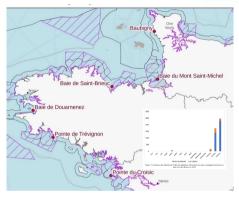












6 sites monitored by NGOs:

- Côte des havres (Baubigny) GONm
- Baie du Mont St-Michel GONm
- Baie de Saint Brieuc Geoca
- Baie de Douarnenez BV
- Mor Braz (Pointe du Croisic) LPO44
- Pointe de Trévignon -BV

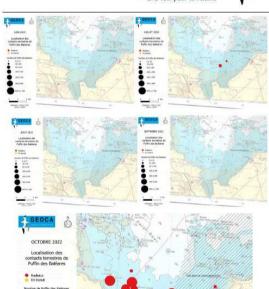


Figure 5. Distribution spatiale mensuelle des groupes de puffins observés et localisés lors des comptag

Data collected:

- Phenolgy of presence (per decade)
- Spatialization of the rafts
- Assessment of the number of birds
- Interaction with human activities / disturbance







Standardized monitoring at sea

Proportion des observations mensuelles de

Puffin des Baléares en 2021.

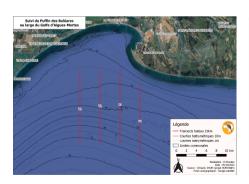


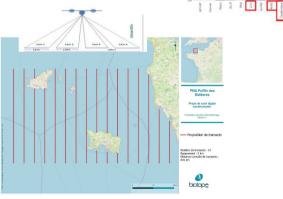
Update of the habitat modelling every 5 years, gathering existing and available data (MPA, OWP etc)

Implementation of dedicated standardized monitoring in the framework of the NAP

 Boat-based & aerial digital survey with Distance Sampling / Strip transect method

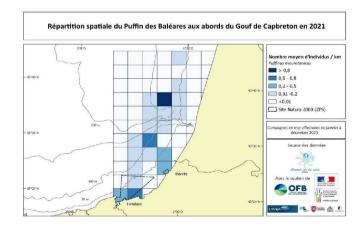
Correlation with the by-catch / fisheries program (on-board observers and interviews) in this area











<u>Figure 10</u>: Répartition spatiale des abondances relatives (nombre d'individus par kilomètres parcourus) de Puffin des Baléares en 2021. Les données incluent les campagnes dédiées au PNA et les autres observations effectuées lors de suivis scientifiques sur la base du même protocole d'observation. Les mailles mesurent 3 milles nautiques (5.5 km).



Spatial and trophic ecology programme: GPS bio-logging and tissu sampling





First 2 campaign carried out in August 2022 & 2023

60 birds caught at sea / 30 individuals fitted with GPS

- Spatialization of functional areas for the species during summering in atlantic waters
- Assessment of the dependence on fishing discards (correlation with fisheries activity)
- Interaction with offshore windfarms (built, under construction, planned)
- Analysis of blood and plasma -> diet caracterization
- Assessment of the contamination level by heavy metals, organic pollutants (baseline)















Actions related to fisheries and risk of bycatch



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First documented data of bycaught Balearic Shearwater



Mediterranean French waters

- First data documented by the OBSMER programme: 1 individual in May 2017 (pelagic longline)
- Data collected through the app ECHOSEA© by pelagic longliners in 2023: 2 individuals in February (off Sète) + 2 individuals in May (off Cannes) - Released alive

Atlantic French waters

- 2017: 2+2 individuals bycaught in trammel/gillnets (Littoral bascolandais / south bay of Biscay)
- 2021: 2+2+1+1+1+1 individuals bycaught in trammel/gillnets (littoral landais et girondin, south Bay of Biscay)













CARI3P programme: caracterization of the interactions Balearic Shearwater / Fisheries



CARI3P implemented in 6 sites

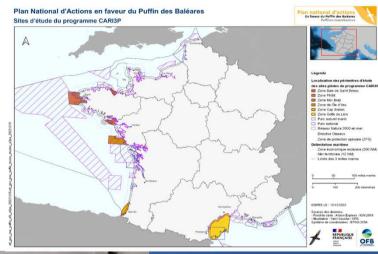
On-board observations

- Longliner fleet, gillnet fleet, purse seine fleet
- Objective = 5% of the boat trips
- 2 campaigns

Interviews/surveys with fishermen

- Longliner fleet, gillnet fleet, purse seine fleet
- Objective = 30% of the fishermen









2024: first implementation of actions to reduce the risk of by-catch



Field trip to Portugal - 03/07 June 2024

- To participate to the deployment of the Scary Bird Kite on longliner fishing trips
- French delegation: 20 French fishermen + professional representatives
- Partners: SPEA/Birdlife





BirdLife





















PROTECT-MED - LIFE / FEAMPA Project

- 2024: Test of artificial baits
- 2025: test of Scary-Bird Kite
- In french Mediterranean waters (golfe du Lion)
- On pelagic longliners





Actions related to offshore windfarms developpement



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Interactions with OWF: mitigation measures

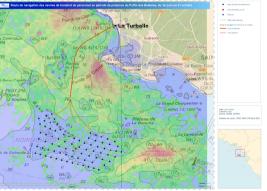


Working group gathering OWF developpers and NGO

- Harmonization and pooling of the mitigation measures planned by OWF
- Udpate the monitoring methods in relation to last technological innovation
- Propose additionnal measures if recognized impacts are highlighted













Actions related to marine leisure activities



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Reduce impacts (disturbance, by-catch) caused by nautical leisure activities (Jet-ski, sailing, kite-surf) and recreational fishing



Distribution of booklets for stakeholders awareness:

- To sport & leisure activities users
- To recreational fishers

Publication of articles in specialized newspapers

Webinaires

Integration in specialized apps (Nav&Co, C-monspot)



Groupe de Puffins des Baléares dérangé par des Jet-skis sur un site de stationnement du Mor Braz (© Franck Latraube)











