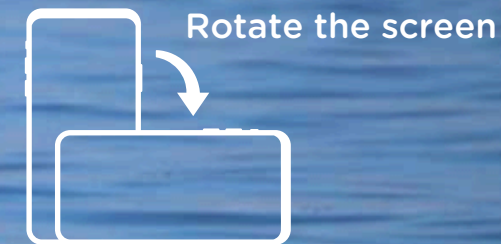




RedPROMAR

the impact of marine citizen science



2024 } IN FIGURES

This token of appreciation is for you

Dear Contributor,

We would like to express our sincere gratitude for your commitment to marine citizen science. Thanks to your support, we have a better understanding of the marine biodiversity of the Canary Islands and its ecosystems. This allows us to design more efficient measures and strategies for its conservation.

Moreover, your work is not only tremendously valuable for scientific knowledge and management, but it inspires others to join the wave of citizen science, or at least to take an interest in, learn about and care for our coastal and marine environment.

Together, we are rowing for a future of hope for the blue.

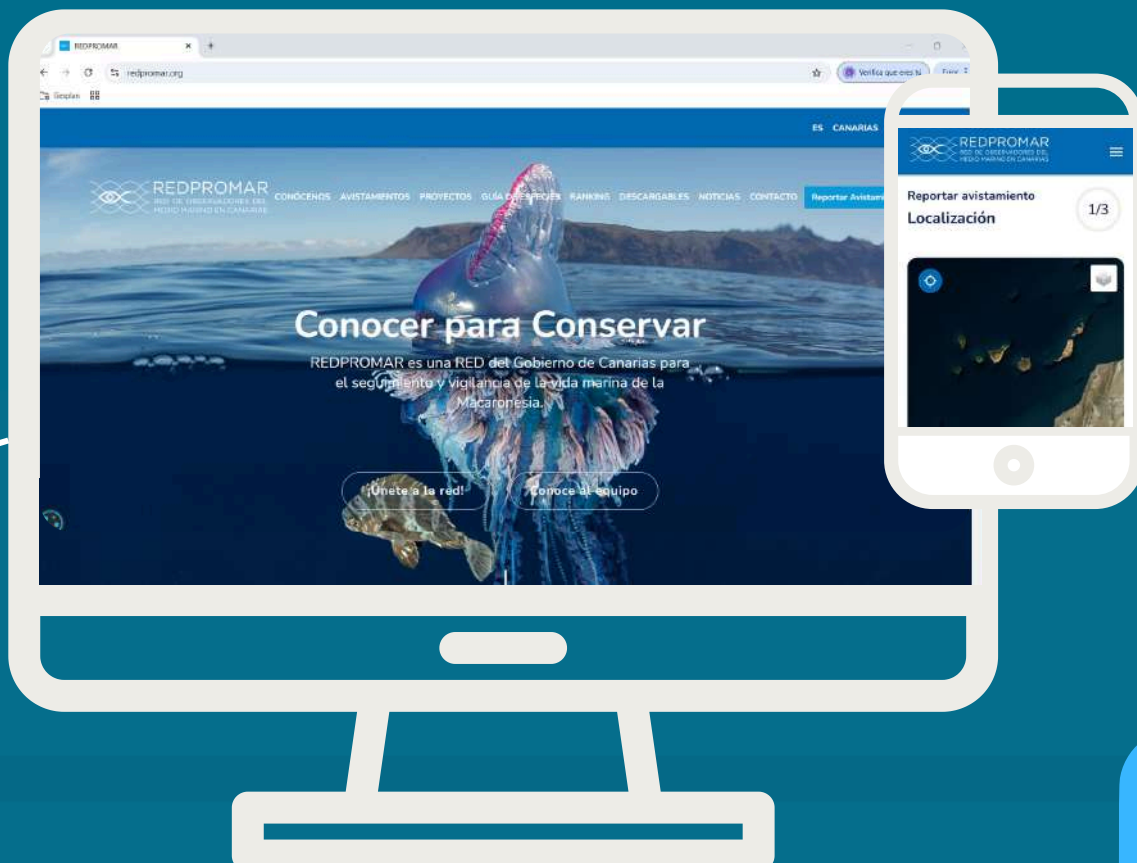
Thank you for being part of this important journey!

Marine citizen science

During 2024, the RedPROMAR reporting platform...

4.179⁺⁹²⁷

observers



reached

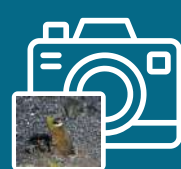
122⁺¹⁰

collaborating companies

1.015

active observers

reported



15.181

sightings

20

validators

by

13.345

validated

and

13.437

of which have been processed

External validation team



José Manuel Caballero Fernández
Bird validator



Alicia Rodríguez Juncá
Validator of manta rays and rays



Juan J. Sánchez Cuervo
Fish validator



Marisa Tejedor
Cetacean Validator



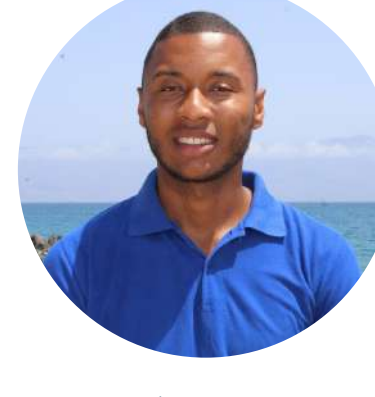
Javier Martín Barrios
Mollusc validator



Dennis Rabeling
Fish validator



Cristina Camacho
Fish validator



Keider Neves
Invertebrate validator



Ana Liria Loza
Sea turtle validator



Patricia Ostiategui
Sea turtle validator



Alejandro Usategui Martín
Sea turtle validator



Jesús Falcón
Fish validator



Carlos Sangil
Validator of marine algae and plants



Daniel Álvarez Canali
Validator of algae



Laura Martín García
Validator of algae, marine plants and barnacles



Alejandro Escáñez
Cephalopod and bony fish validator

Internal validation team



Asier Furundarena
Mª Belén Caro
Marc Martín



Leopoldo Moro Abad

Outstanding sightings

January



Angel shark *Squatina squatina*

Observer: Michael Bommerer

February



Butterflyfish *Chaetodon hoefleri*

Observer: Irene Suárez Hernández

March



Pipefish *Syngnathus typhle*

Observer: Nemesio Juan Fajardo García

April



Buoy Barnacle *Dosima fascicularis*

Observer: Elli Bentu

May



Diamondback Squid *Thysanoteuthis rhombus*

Observer: Juan Antonio Carballo Díaz

June



Four-colour nudibranch *Godiva quadricolor*

Observer: Mario Matute

July



Sargassumfish *Histrio histrio*

Observer: Matt Oscar Juris

August



Atlantic Tripletail *Lobotes surinamensis*

Observer: Sergio David Hernández Herrero

September



Bulwer's Petrel *Bulweria bulwerii*

Observer: Fran Leal

October



Parophidion vassali

Observer: María Yaneth Rodríguez

November



Blanket Octopus *Tremoctopus violaceus*

Observer: Pablo Tray Pérez

December



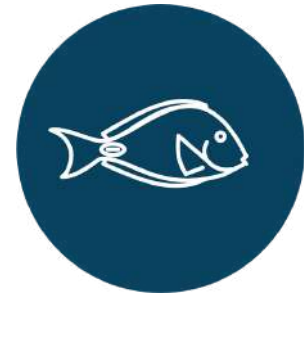
Thresher Shark *Alopias superciliosus*

Observer: Samuel Jorge González

Some of the validated sightings are part of our citizen science projects

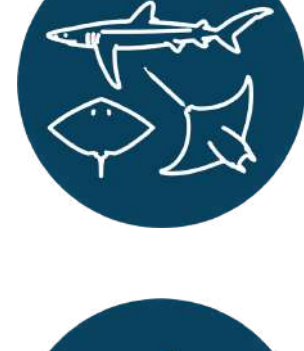
Number by which the variable has grown in 2024

Citizen science projects



Monitoring of Introduced Species in the Canary Islands

Acts as an early warning and monitoring system for those species introduced to the archipelago.



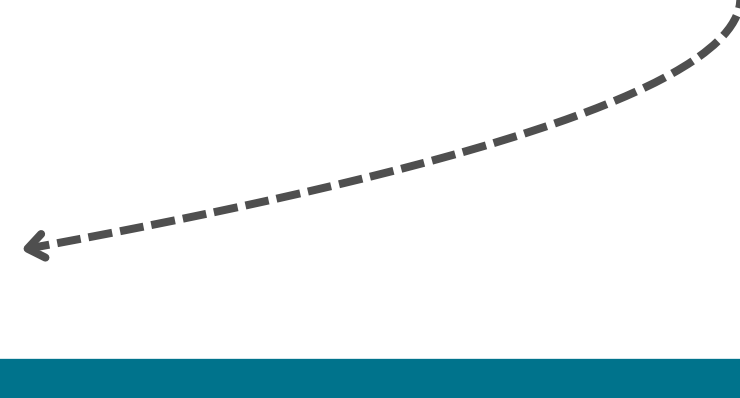
Monitoring of Elasmobranchs in the archipelago

Assesses the ecological trends and changes that may occur in the populations of the different species of elasmobranchs: sharks, manta rays and rays.



Biological monitoring of the lava deltas of La Palma

Assesses the ecological changes taking place on the seabed affected by the eruption of the Tajogaite volcano on the island of La Palma.



Number by which the variable has grown in 2024



PROJECT FOR MONITORING INTRODUCED SPECIES IN THE CANARY ISLANDS

1.217 ⁺³¹⁰
total sightings

102
species reported

Most reported species during 2024



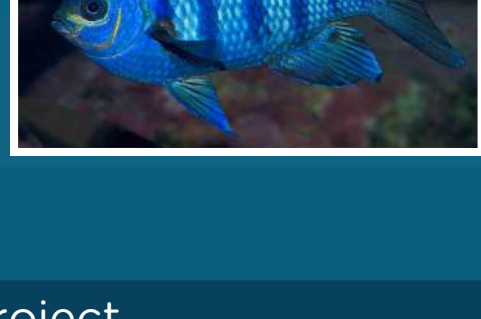
Macrorhynchia philippina



Rugulopteryx okamurae



Cronius ruber



Abudefduf saxatilis

Observers

60 users



Link to the project for monitoring introduced species in the Canary Islands

Outstanding sightings from the project



First sighting of the species in the waters of the archipelago

Godiva quadricolor
Observer: Mario Matute



First sighting on the island of La Palma

Macrorhynchia philippina
Observers: Nube de Ye Concepción Marante y Itahisa Montelongo



First record of the species and its family from the archipelago

Kuhlia caudavittata
Observers: Bentor Falcón Marrero y Miguel Hernández Mora



ELASMOBRANCH MONITORING PROJECT SHARKS, MANTA RAYS AND RAYS

328 ⁺¹⁴⁸
total sightings

34
especies reported

Most reported species during 2024



Angelote
Squatina squatina



Mantelina
Gymnura altavela



Chucho negro
Taeniurops grabatus



Chucho amarillo
Dasyatis pastinaca

Observers

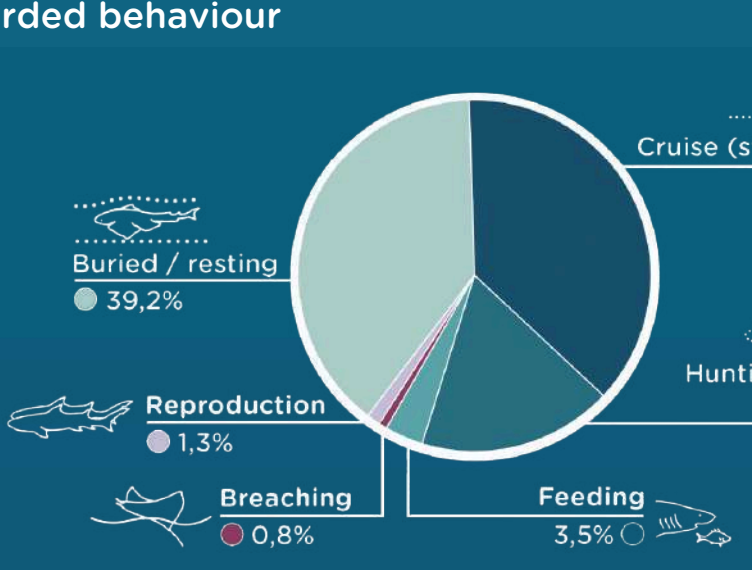
51 users



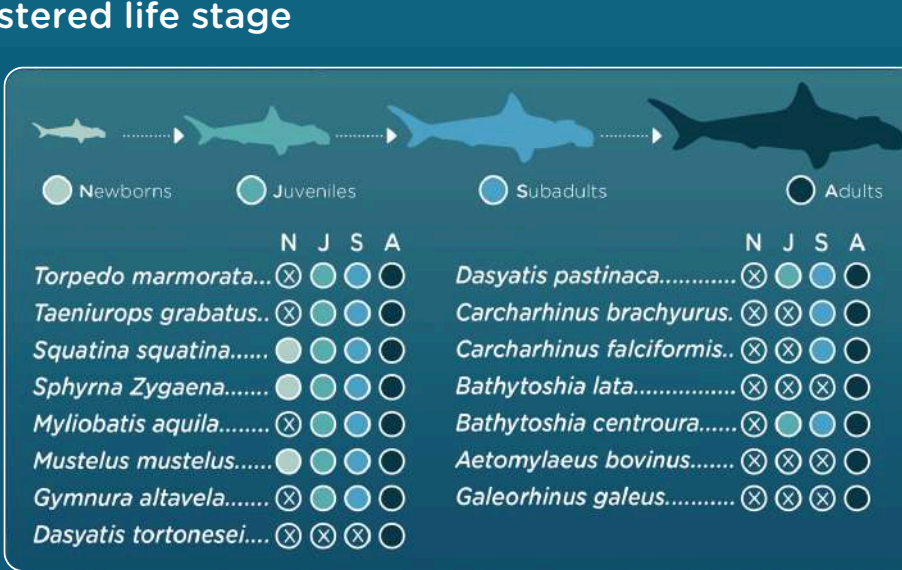
Link to the Elasmobranch Monitoring Project: sharks, manta rays and rays

Reported behaviours associated with sightings

Recorded behaviour



Registered life stage



Outstanding sightings from the project



Species of deep-sea habits, uncommonly observed near the coast

Alopias superciliosus
Observer: Samuel Jorge González



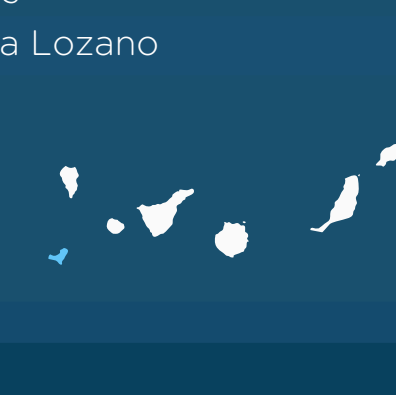
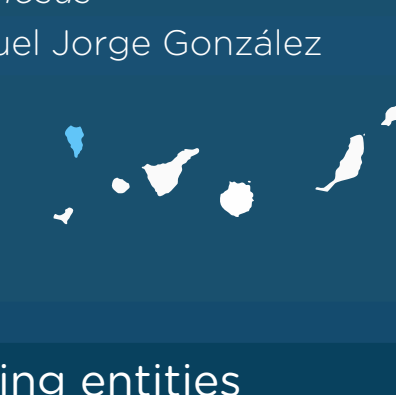
Migratory species seen on several occasions in 2024

Rhincodon typus
Observer: Marisa Lozano



Pelagic species with elusive behaviour, making it difficult to observe

Isurus oxyrinchus
Observer: Marc Martín Solà



Collaborating entities



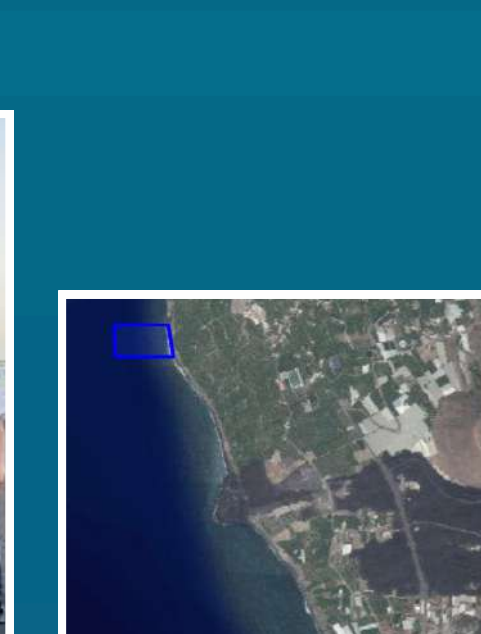
BIOLOGICAL MONITORING OF THE LAVA DELTAS PROJECT - LA PALMA

2.180 ⁺¹³⁰
total sightings

92
species reported

Freediving biological observation

20 July 2024



4
sampled areas

Observers

14 users



Organised by



Plataforma Océanica de Canarias

In collaboration with



Link to the Biological Monitoring of the Lava Deltas Project - La Palma

Target species

Available on the project page at www.redpromar.org



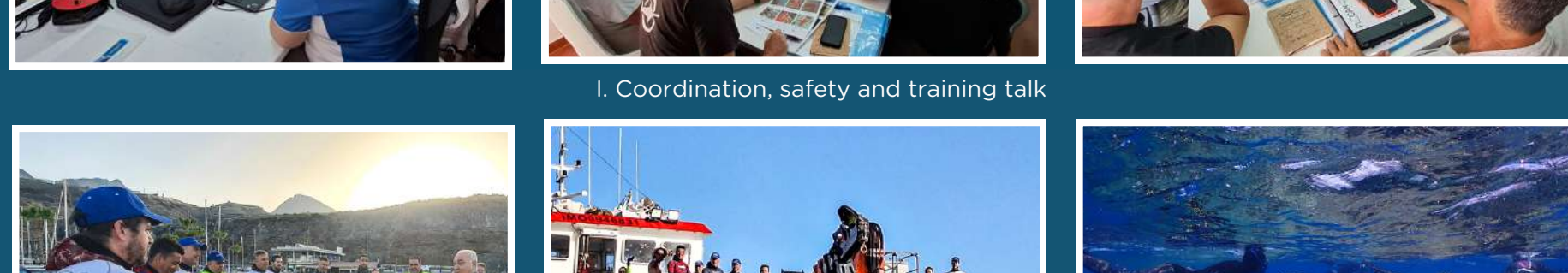
Phases of the campaign



I. Coordination, safety and training talk



II. Field days



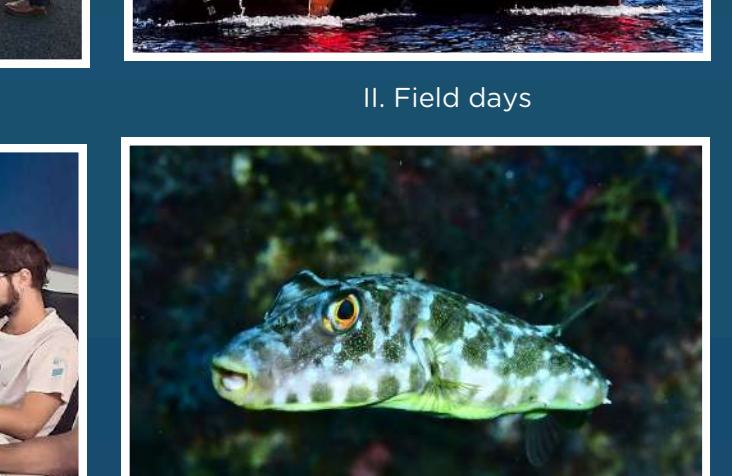
III. Uploading of images and data, and examples of the images obtained in sampling

Outstanding sightings from the project



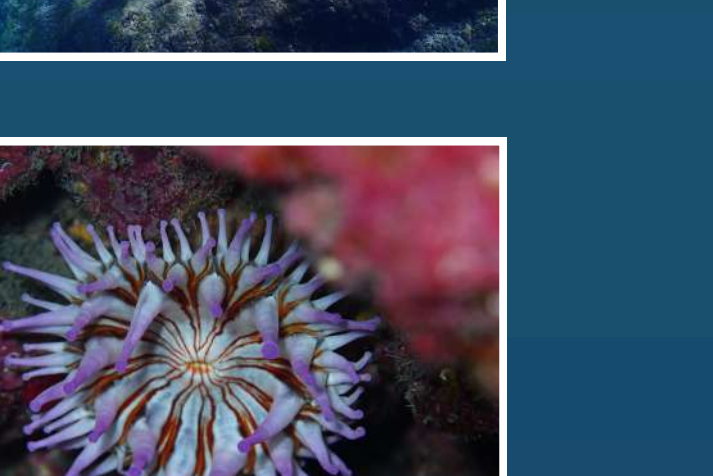
Introduced species

Abudefduf saxatilis
Observer: Silvia Torti



Species of fishery interest

Sepia officinalis
Observer: Ruyman Escuela



Protected species

Chilomycterus reticulatus
Observer: Tanausú Motas



Dissemination



Featured actions and events

Visits to all tuna fishing guilds and companies in the professional fishing sector



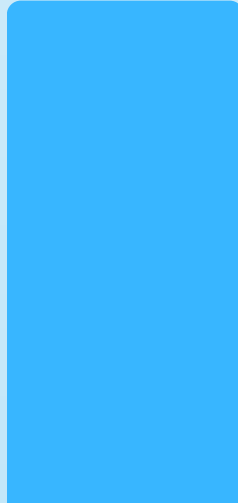
Participation in the Decade of Oceans Conference in Barcelona



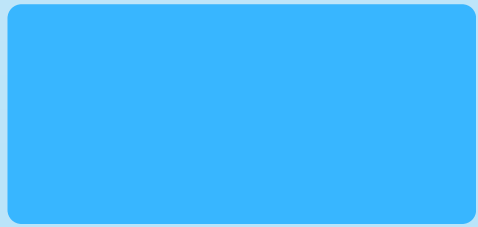
Participation in the International Maritime Fair (FIMAR) 2024 in Gran Canaria



Participation in the travelling exhibitions of the results of the 1st Freediving Biological Observation Campaign carried out on the island of La Palma



Two years later, the II Freediving Biological Observation Campaign was held on La Palma



Presentation of citizen science results at the International Symposium on Marine Science (ISMS) 2024 in Valencia and at the 17th International Conference on Echinoderms in Tenerife



Presentation of citizen science results at the 6th Cross-border Congress on Climate Change and Coastal Areas (Uhinak) in Irun

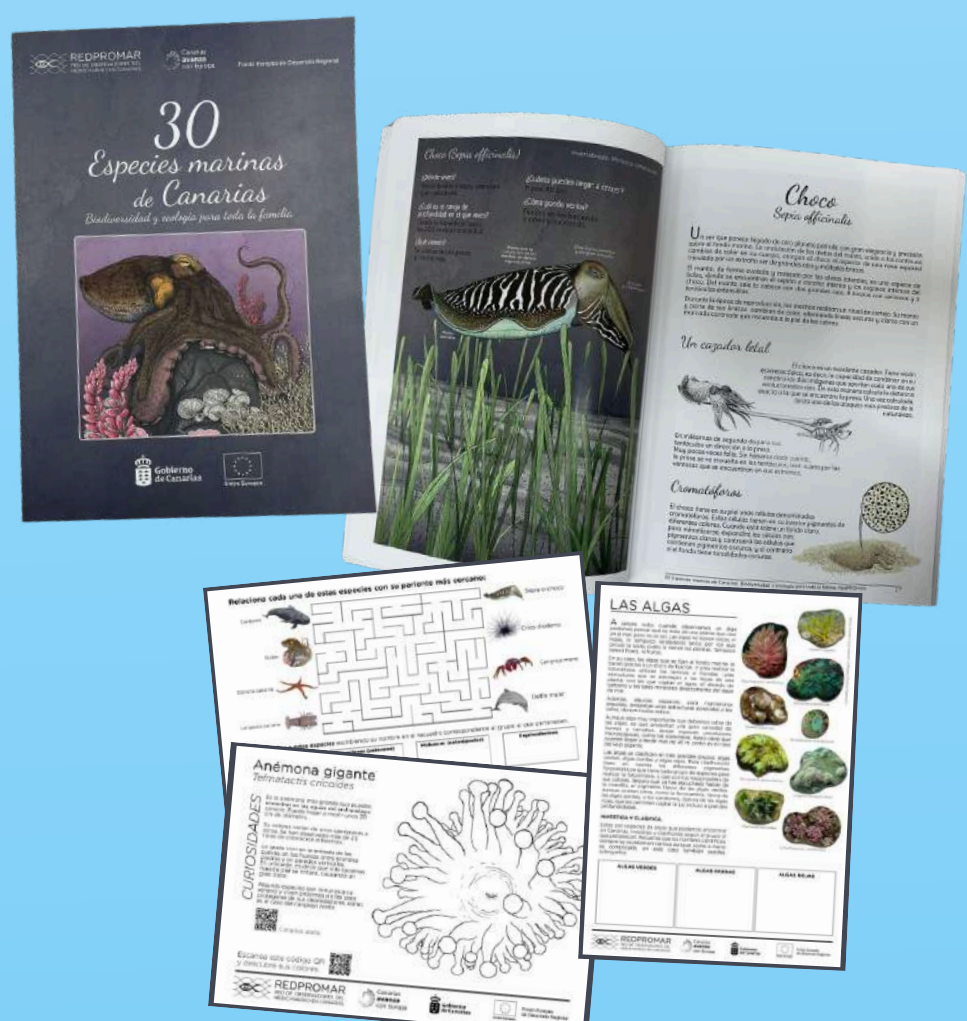


Training in the framework of citizen science projects at the University of Las Palmas de Gran Canaria (ULPGC) and the University of La Laguna (ULL)



Featured materials

Children's guide "30 Marine Species of the Canary Islands", as well as its associated resources for the whole family and teachers



Digital version of the scientific posters presented at the different congresses, with results obtained thanks to citizen science



Nine years of Marine Citizen Science THANK YOU OBSERVERS!



www.redpromar.org



RedPROMAR Gobcan



@redpromargobcan



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This project is co-financed by the European Union as part of the Canary Islands ERDF Programme 2021-2027.

