

*21_SGS #3_ MORE
POLLINATORS,
MORE
BIODIVERSITY IN
OEIRAS
MUNICIPALITY*



FINANCED BY:



ENVIRONMENT PROGRAM OPERATOR:



PROMOTER:



PARTNERS:



PROBLEM IDENTIFICATION

Biodiversity loss is an environmental problem of the most serious we are experiencing currently

The extinction of the species and the speed at which it is taking place due to anthropogenic action has profound economic and social implications

In the last 50 years, 60% of the services provided by ecosystems have been damaged

Biodiversity is one of the fundamental properties of nature, a source of immense economic potential, and well-being for humans

Biodiversity is a key ally in Climate Change Mitigation and Adaptation

It is the pillar of all natural processes, products and services provided by ecosystems, of interest to life on Earth



INTERVENTION PROPOSAL

The Project will be located in Quinta de Recreio (recreational farm) Marquês de Pombal (QRMP) in the municipality of Oeiras, and is part of the projects to strengthen adaptation to climate change at the local level

The project starts in 2021 and lasts for 30 months

It is based on

Climate Change Mitigation and Adaptation Measures, Biodiversity conservation measures and ecosystem services,

Strengthening the national and international scientific system,

The creation of an outdoor Live Lab, and an environmental education hotspot focused on pollinators

QRMP has a wide diversity of habitats, and well-preserved areas some classified as habitats of community interest

The characteristics of QRMP constitute an opportunity for the occurrence of pollinators and insects of high scientific interest as some species of dragonflies

There are also birds, fish, reptiles and amphibians, and some small mammals

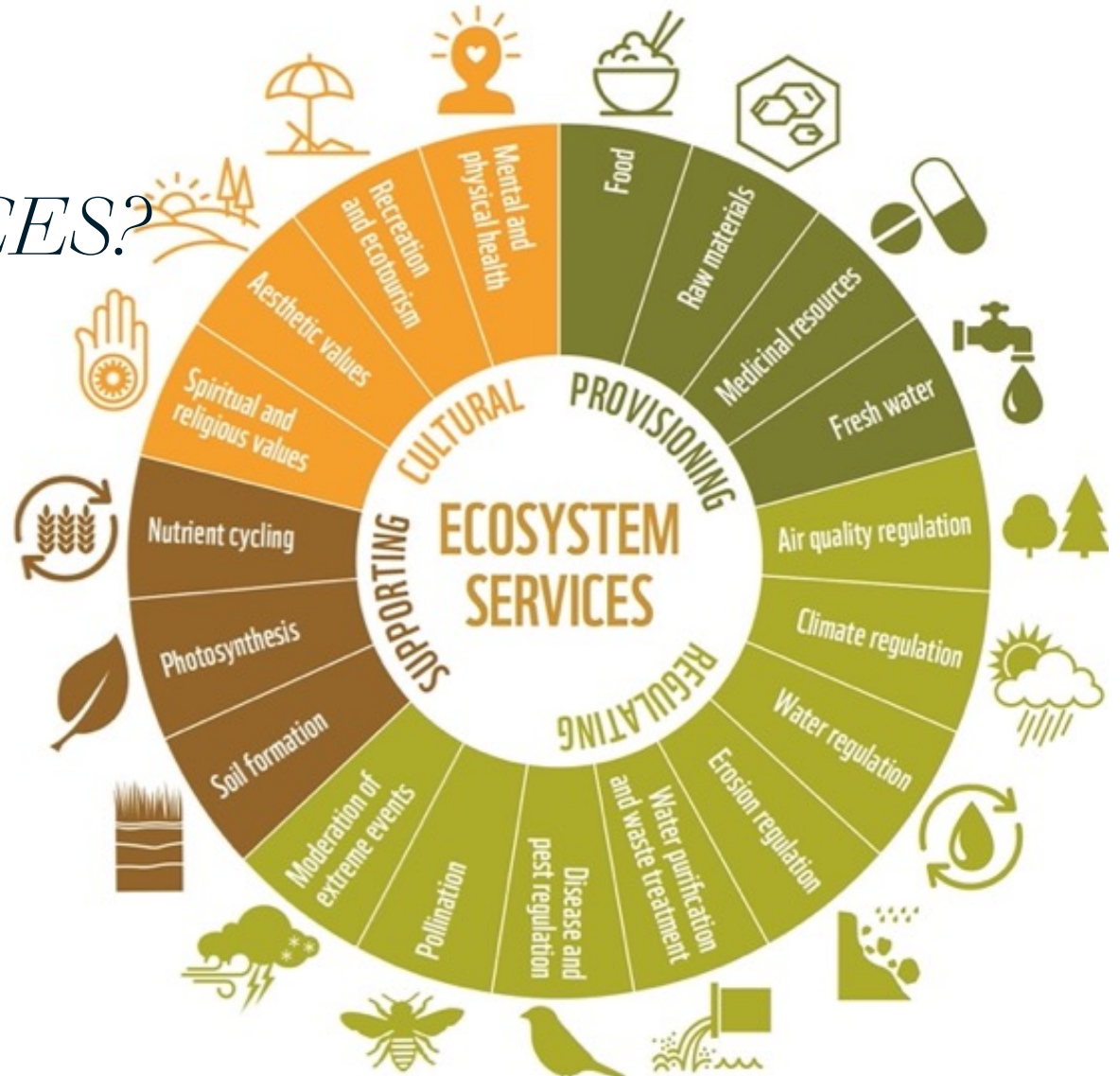


THE PARTNERS

For the development of the Project, the Municipality invited three Partners

- Tagis - Center for the Conservation of Butterflies of Portugal, dedicated to scientific research of the natural habitats of butterflies
- BioDiversity4All whose mission is to 'Unite the largest number of people in the knowledge of biodiversity'
- a biologist scientist (PhD student) who has specialized in the study of wild bees

WHAT ARE THE ECOSYSTEM SERVICES?



Source: WWF, 2016



1 WE WILL COLLECT SCIENTIFIC INFORMATION

Collection and systematization of scientific information on Biodiversity at QRMP

- Through scientific inventory activities with our Partners we will get to know better the habitats, species of native flora and fauna and invasive ones
- From this knowledge it is possible to measure the ecological potential of QRMP, allowing to restore and/or preserve these ecosystems, and monitor their evolution through indicators, over time

2 LET'S BE FRIENDS OF POLLINATORS

Oeiras intends to position itself as a Friendly Municipality of Pollinators and Biodiversity

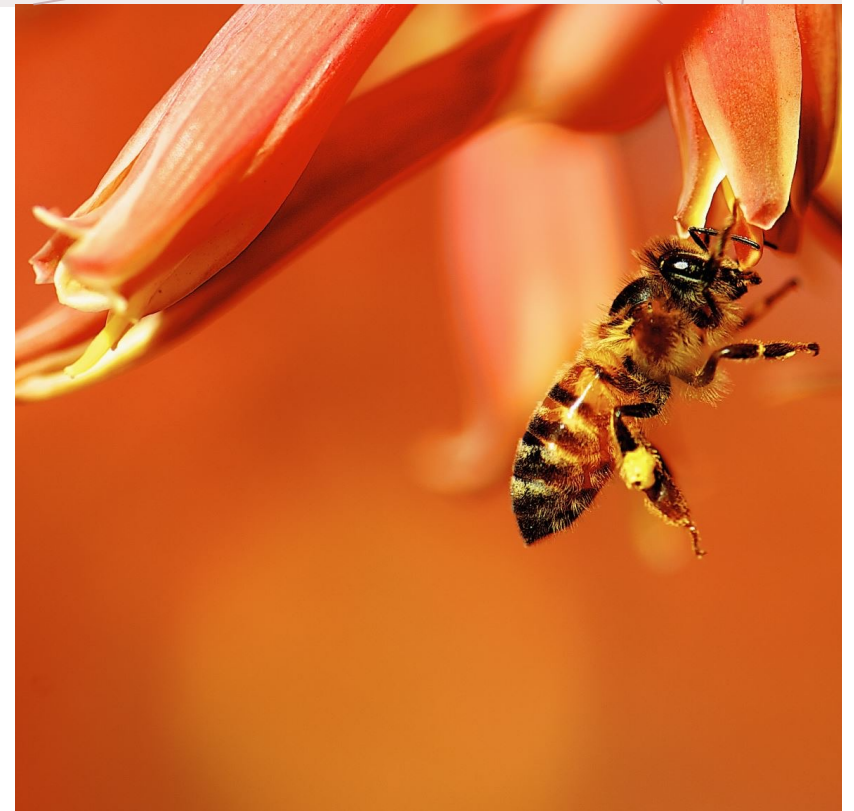
1. We will promote habitats for pollinators at QRMP, through the implementation of flowery meadows in an area of 4 hectares
2. We will promote/put refuges to pollinators
3. It is intended in the future to implement this project in several green spaces of the municipality, because it does not involve large investments and uses natural solutions such as native plants and insects and ecosystem services



3 LET'S INCREASE PUBLIC KNOWLEDGE ABOUT BIODIVERSITY

Increased public knowledge about Biodiversity and associated benefits

1. We will inaugurate a Biodiversity Station (EBIO) that will integrate the national EBIO network promoted by Tagis
2. We will create trails and interpretive routes with information panels about the ecological variety to be observed by QRMP visitors
3. We will produce a Documentary about Biodiversity named 'Mais Polinizadores, Mais Biodiversidade no Município de Oeiras'
4. This Documentary will also be used in debates and for exhibition in nature conservation festivals





4 LET'S ENCOURAGE CITIZEN SCIENCE

Encourage biodiversity monitoring and observation through the involvement of local citizens and schools - citizen science

1. Promote actions to plant indigenous species
2. Take action to remove invasive species
3. Promote Biodiversity4all's BioBlitzes, in which scientists and citizens, in a collaborative spirit, record as many species as possible in a short time, using an app on their mobile phone
4. Promote workshops on wild bees and nest building for will bees
5. Co-produce the international event named 'Day of The Fascination of Plants'
6. among other dynamic initiatives



EXPECTED RESULTS



Increased knowledge about the state and georeferencing of natural habitats



Monitor habitats annually and check their conservation status



Knowledge of the diversity, abundance and distribution of species



Dissemination by the largest number of visitors and participants of awareness-raising brochures



Know the variation in the total number of species throughout the Project



Know and monitor the number of shelters/nests colonized

EXPECTED RESULTS

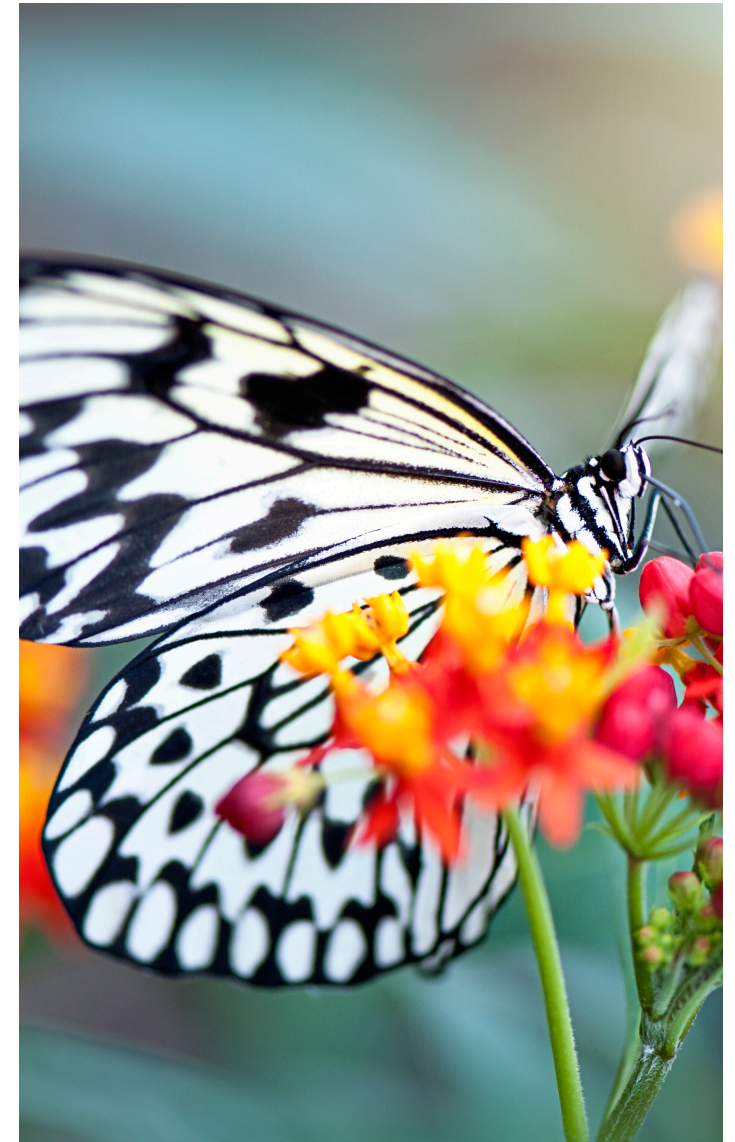
Reach the largest number of inhabitants participating in the tracks and interpretive routes in QRMP

Achieve the largest number of possible viewings of the Documentary 'More Pollinators, More Biodiversity in the Municipality of Oeiras'

Lead the largest number of citizens and schools to participate in the planting of indigenous species and actions to remove invasive species

Getting the largest number of citizens and schools to participate in BioBlitzes and collaborate in citizen science

Achieve the largest number of participations of citizens and schools, in workshops on wild bees, in the international event the 'Day of Fascination of Plants', and on other activities



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