



Be Part of the Green Transition

► *Nature4Cities is a H2020 EU-funded project, creating a comprehensive reference Platform for Nature Based Solutions (NBS), offering technical solutions, methods and tools to empower urban planning decision making. This will help addressing the contemporary environmental, social and economic challenges that face European Cities.*

Nature Based Solutions - *EU definition (2015)*

Nature-based solutions are positive responses to societal challenges, and can have the potential to simultaneously meet environmental, social and economic objectives. They are actions inspired by, supported by or copied from nature; both using and enhancing existing solutions to challenges, as well as exploring more novel solutions.

Nature Based Solutions are ideally resilient to change, as well as energy and resources efficient. They recognize the importance to develop a systemic approach and at the same time to adapt interventions to the local context.



Objectives



Improve the Integration of NBS in urban and spatial planning



Build a new and active community network around NBS

Offer high quality decision-support tools for re-naturing cities



Build a holistic assessment framework for NBS

Develop a reference knowledgebase on NBS and Best Practice sharing



Propose new governance, business and financial models for NBS implementation



The platform

Nature4Cities aims at **raising awareness** about NBS and foster **new collaborative models** for NBS uptake by developing a knowledge and **decision support platform**.

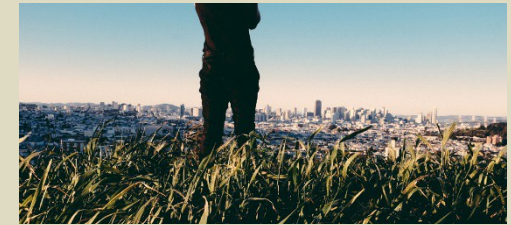
This platform will provide **tools for impact assessments, valorization and follow-up of NBS projects**. It will be suitable for all NBS involved people:

- ① Policy makers, employees from the public sector and professionals from NBS sector will benefit from **decision support tools**
- ② Researchers and the Education Community will find **data and scientific reports**
- ③ Civil society will be able to **give their opinion** on the demonstration projects developed in the 4 pilot cities (Alcala de Henares, Ankara, Milan and Szeged)

The strength of this project is to **reinforce the science-policy-society interface**, and thus to help developing solutions that are scientifically efficient, socially acceptable and economically viable.



Stimulate the development of NBS projects



Get contributions to develop knowledge about NBS



Get feedback about experimentations



The Pilot Areas

4 Cities:

- Alcalá de Henares: municipality with 202.000 inhabitants, situated near Madrid (Spain)
- Szeged: third most important city in Hungary
- Cancaya: one of the districts of Ankara (Turkey)
- Metropolitan City of Milan

The Metropolitan City of Milan chose the quarries as pilot cases.

Visit our website www.nature4cities.eu



Economy, environment, and society
Quarries, biodiversity and social enjoyment :
possible values for urban areas



The quarries interfere with the characteristics of the territory, modifying its ecosystem and visual perception



Environmental recovery can complete this transformation by offering to the local community a new opportunity both from a social and environmental point of view with the creation of new Habitats and new opportunities



Young people and

sport. Swimming competition in the

GEOLOGY AS A BASIS OF A FINALIZED DIDACTIC program to ::



Exploring the territory from a different point of view through which geology is introduced into schools in an active way



Finding out how land has changed over time and how Man and Nature have adapted themselves to it



Learn to observe and understand the delicate balance between man and nature



To know the history of the past to understand the present

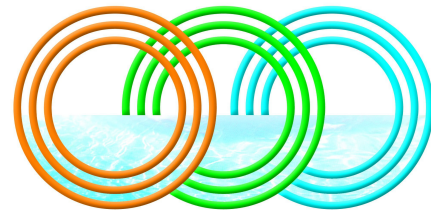


The events hosted



Environmental monitoring is ensured in partnership with various NGOs (specialized in birds monitoring, hydro-biological quality of the basin, wildlife)

Natura Boscaccio



CAVE MERLINI

ANEPLA

UEPG 15/3/2018



is an international laboratory for renaturalization;

Here after are some contents of the Natura Boscaccio project.



► The environmental recovery project is aimed at the maximum diversification of the habitat and the development of the richest possible biodiversity



Creating meadows, rows, small islands and wetlands, important ecological corridors are formed for fauna, lepidoptera and odonate avifauna.



The ground water can be used to create reeds characterized by shallow waters particularly suitable for example for limicolous, lepidopterans and odonates.



The following pictures show, in relation to the item of biodiversity, some results of the environmental recovery carried out in one of our quarries under the water table in the Metropolitan City of Milan

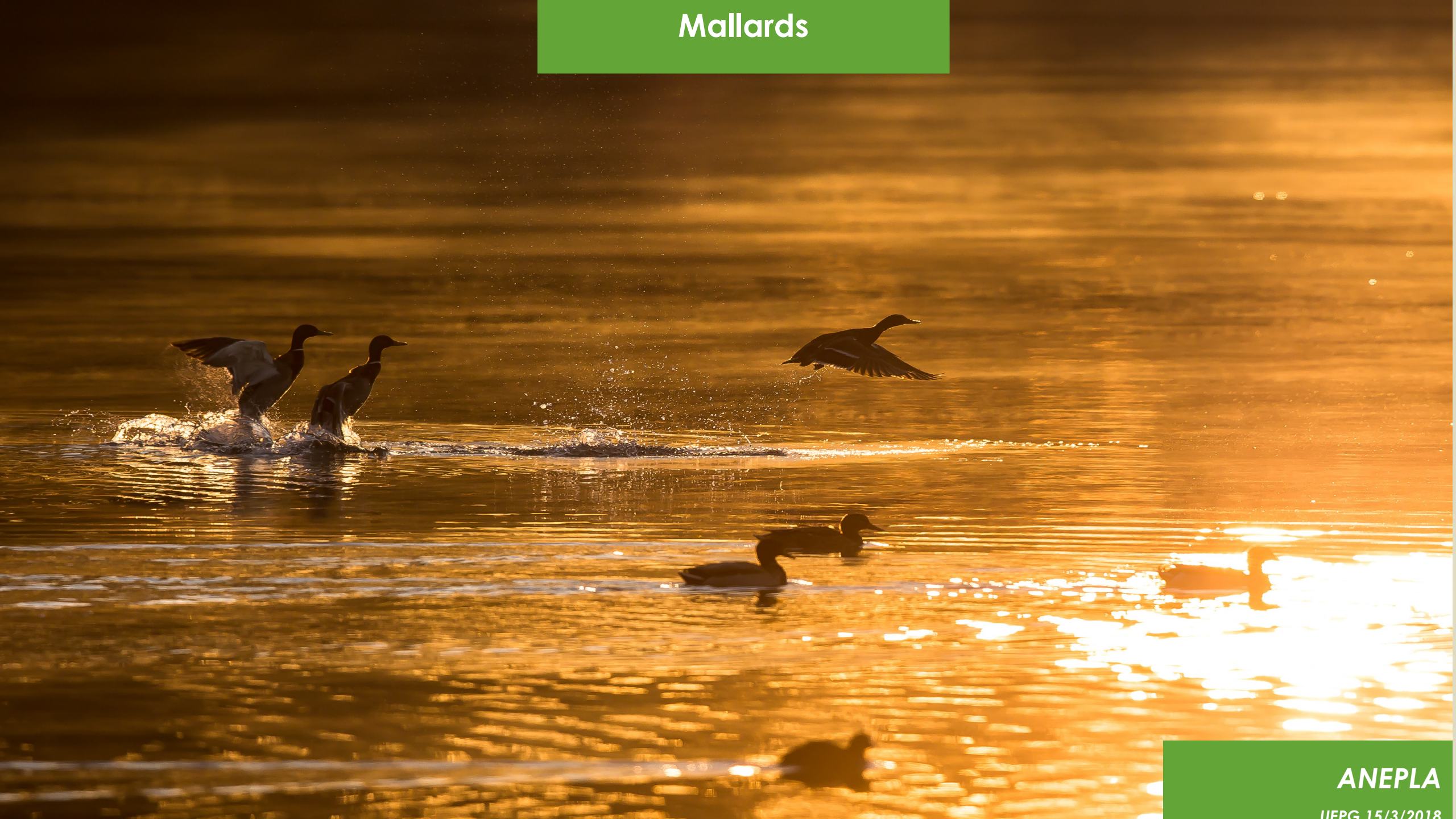
Ibis



Cavalieri d'Italia - Stilt



Mallards



Mallards (*Anas platyrhynchos*)



Heron



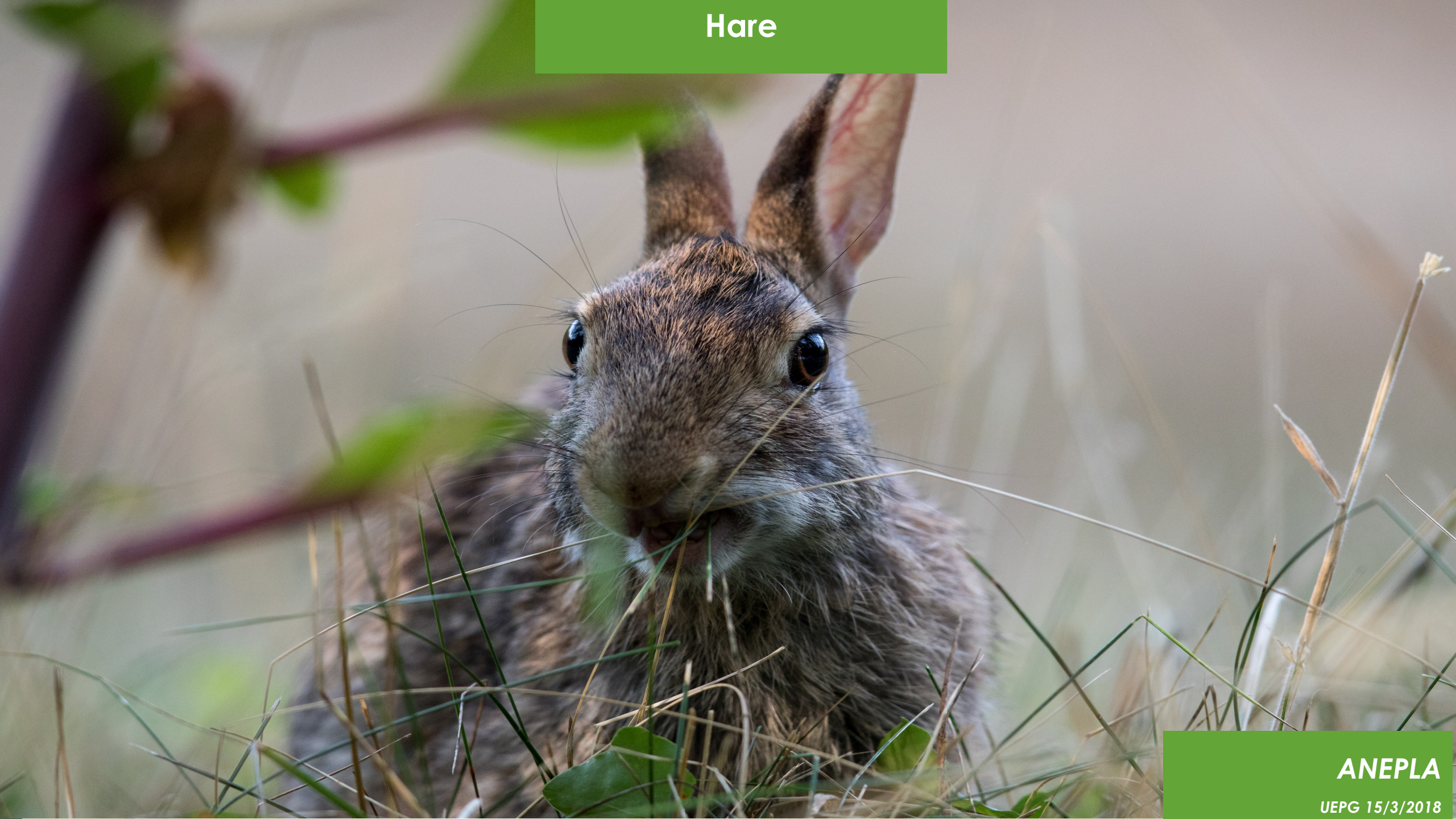
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Gray squirrel



Hare



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Fox

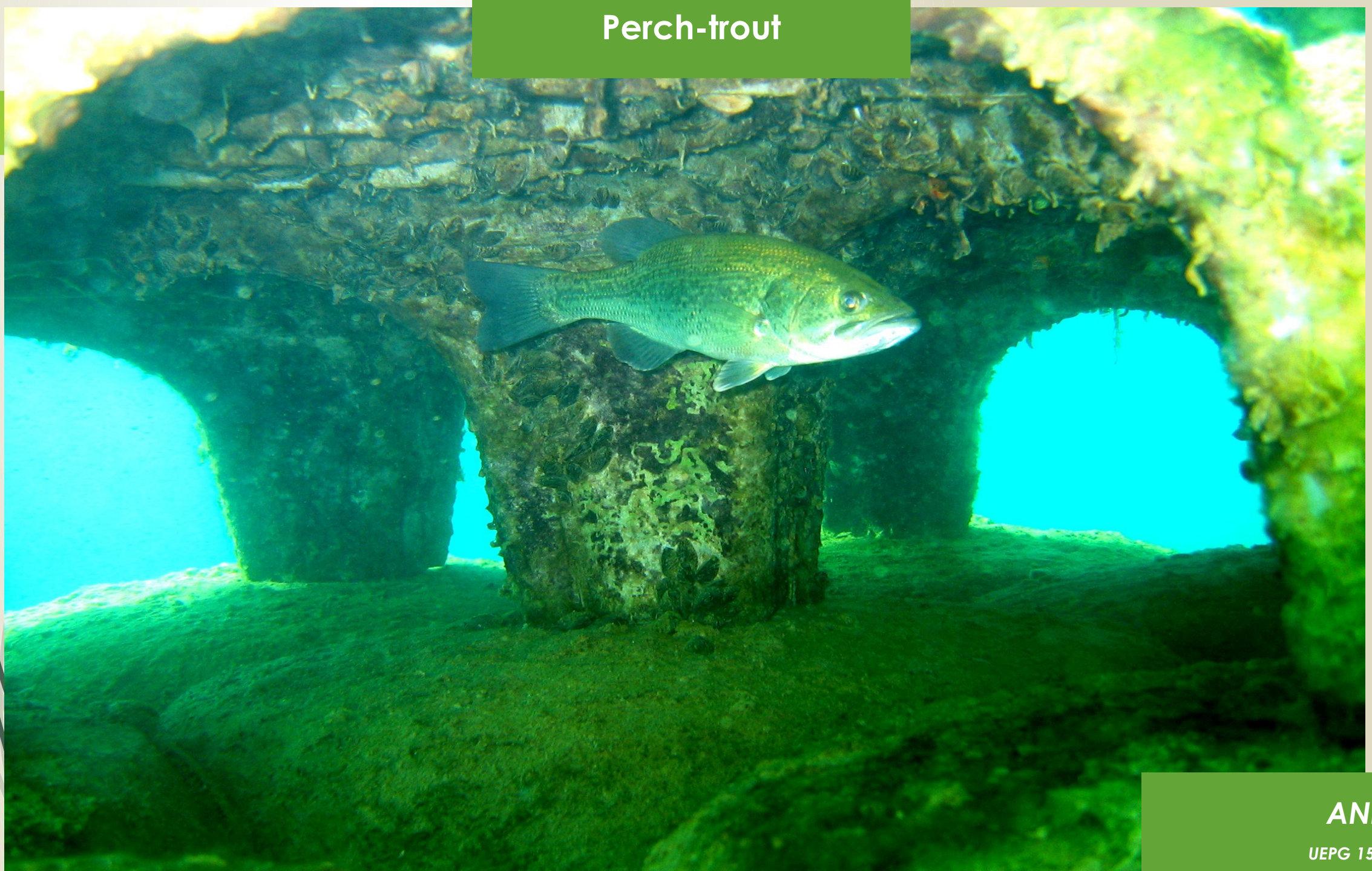


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Perch-trout





**F.A.D. – Fisch adgreding device
underwater structure for reproduction**

Shoal of fry



Lepidoptera

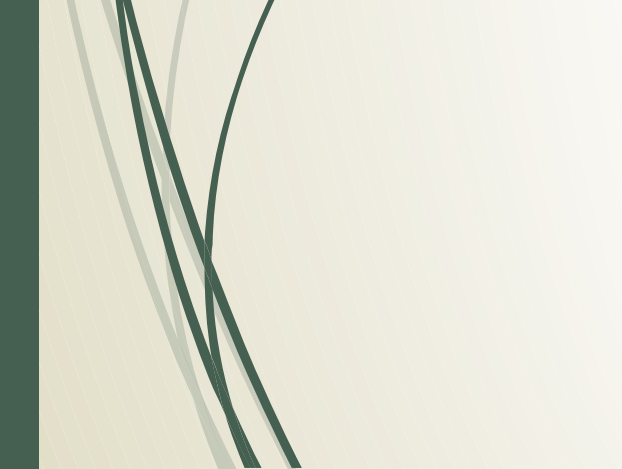


Butterflies are the first indicators of the health of environments: if a species lives and reproduces in a specific habitat it means that the environment is healthy

Odonate (dragonflies)



A virtuous example of integration: Environmental and Social and Economic



Thanks to the institutions that collaborate with the project

