Conservation of sea lamprey in Portugal: Habitat restoration, fisheries management and public awareness

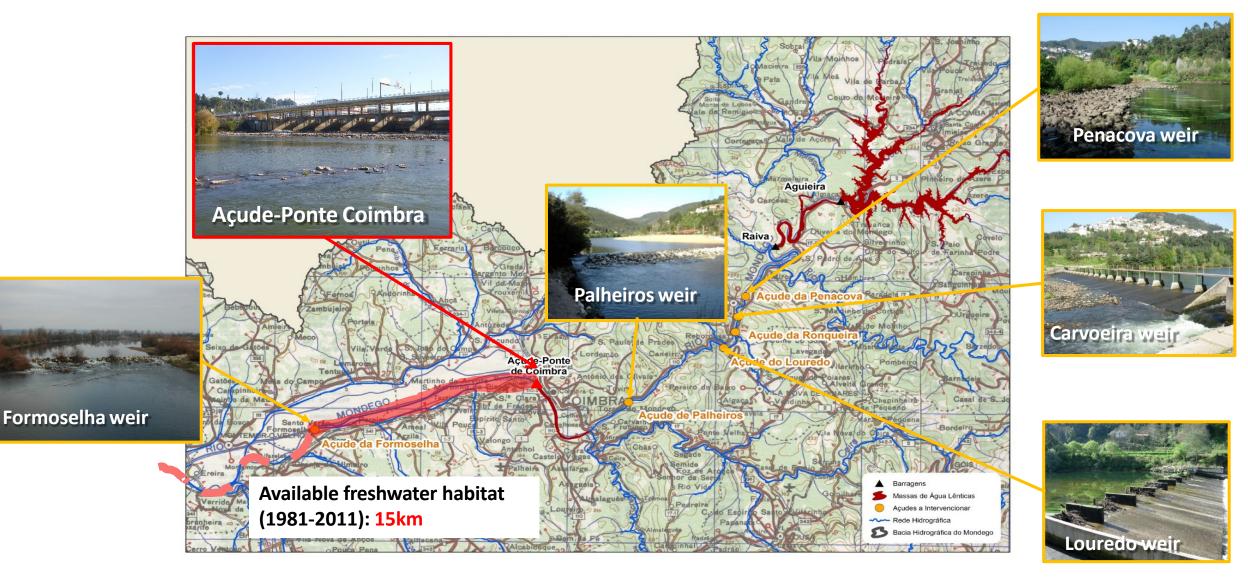
Catarina S. Mateus, Inês Oliveira, Esmeralda Pereira, Filipa Belo, Sílvia Pedro, Carlos Alexandre, Bernardo R. Quintella, Joana Boavida-Portugal & Pedro R. Almeida



Sea lamprey in Portugal Distribution and conservation status



Habitat restoration for diadromous fish River Mondego



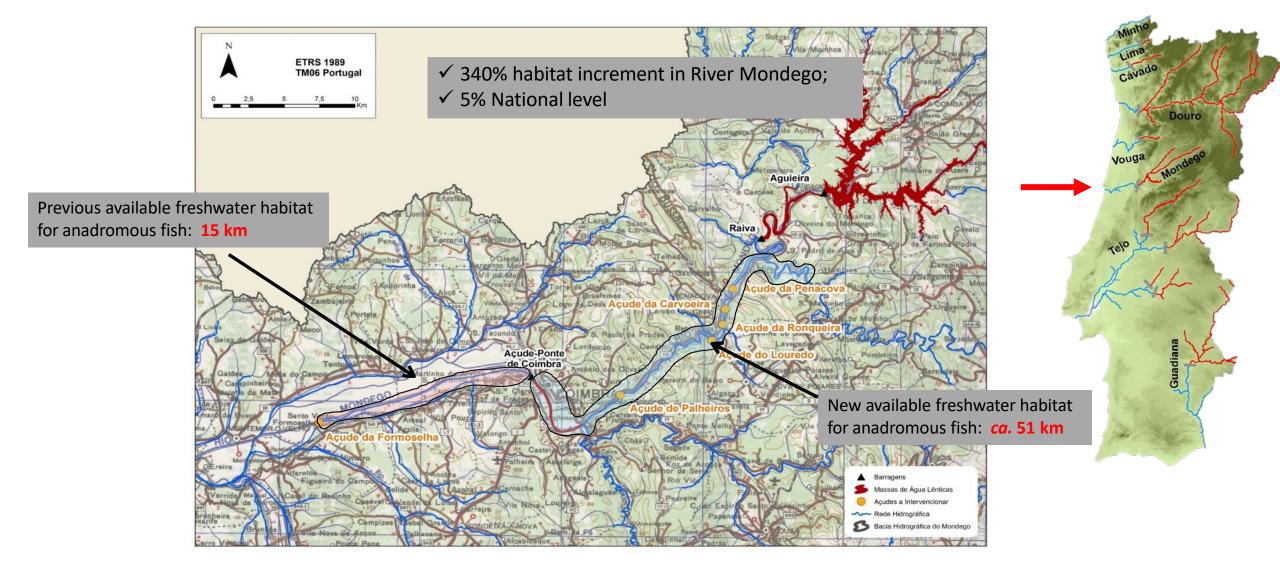


- 2013-2015
- Budget of ca 1.3M euros

Website: http://www.rhpdm.uevora.pt/index.html



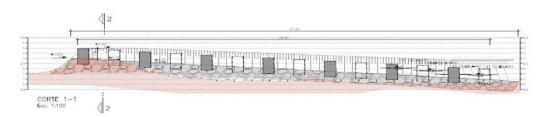
Habitat restoration for diadromous fish Construction of 5 fish passages + removal 1 small weir





Formoselha weir (Sep2015)







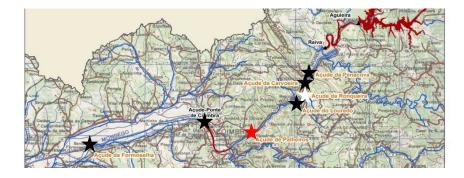


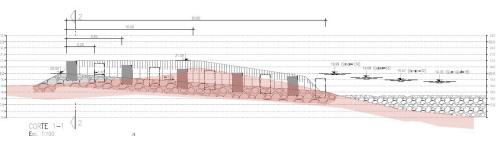
Açude-Ponte dam





Palheiros weir (Sep2015)



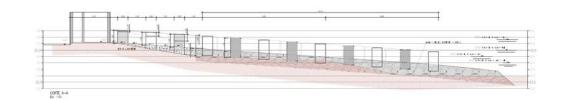






Louredo weir (Sep2015)



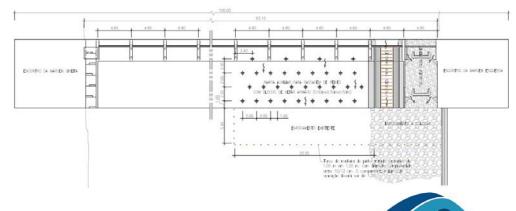






Reconquinho weir (Sep2015)



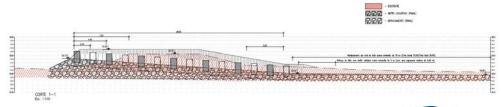






Penacova weir (Sep2015)







AN@DROMOS.PT **OPERATIONAL PLAN FOR MONITORING AND MANAGEMENT OF ANADROMOUS FISH IN PORTUGAL**





- 2018-2021
- Budget of 491 737,97 €

















Project actions

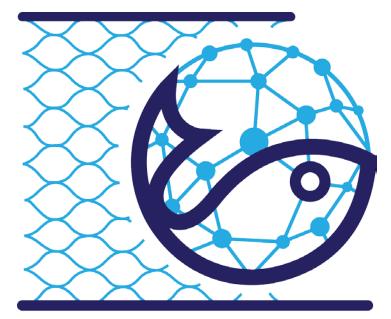
•Action 1. Development of a **network between the several stakeholders** interested in the exploitation and management of anadromous fish;

•Action 2. Collection and management of data related to the capture and abundance of anadromous fish in Portugal;

•Action 3. Development of a **pilot-project in the Mondego river** basin;

•Action 4. **Communication and results dissemination** between scientists, fishermen and general public.







Action 1. Development of a network between the several stakeholders interested in the exploitation and management of anadromous fish











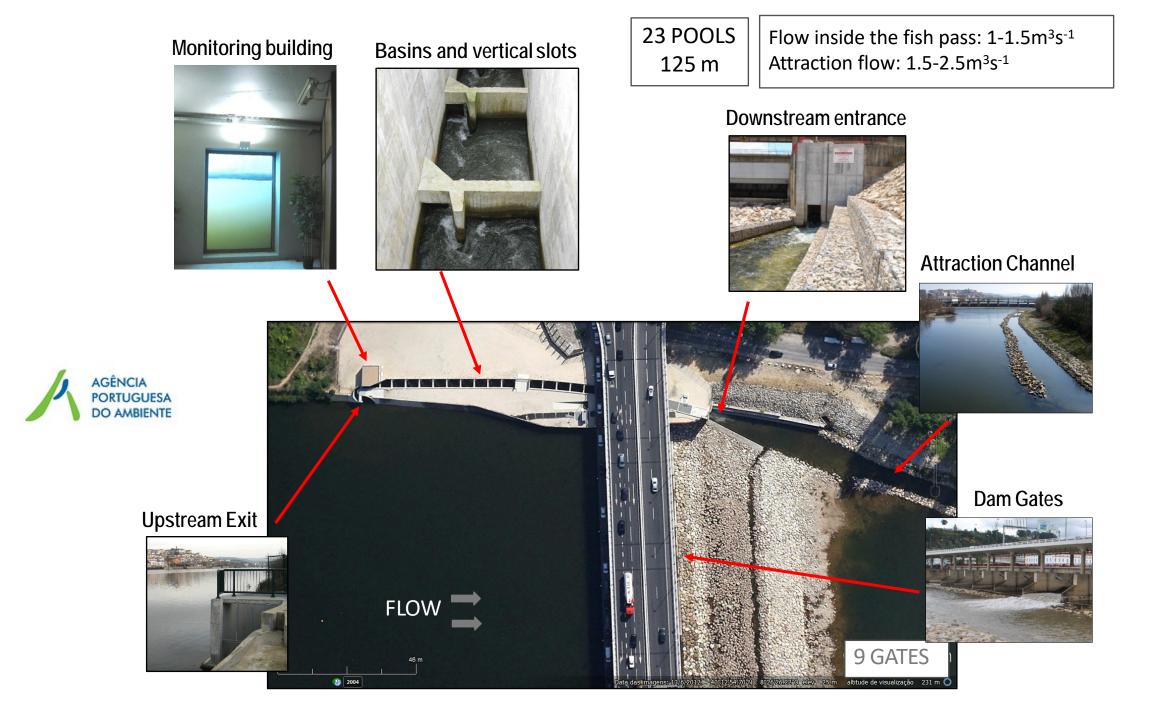
Electric fishing to evaluate the distribution and abundance of target species



Onboard observers to characterize the fisheries directed to target species

Vertical slot fish pass in the Açude-Ponte dam, Coimbra, river Mondego





Visual counts in the Açude-Ponte dam fish pass











Action 3. Development of a pilot-project in the Mondego river basin

Kiosk for fishermen to report captures



Action 3. Development of a pilot-project in the Mondego river basin

Implementation of a certificate of origin to identify the basin of origin and certificate fish as coming from sustainable fisheries





Funded by EU's LIFE Programme for the Environment and Climate action

Conservation and Management Actions for Migratory Fish in the Vouga River Basin





- 2017-2022
- Total Budget : 3 324 804 €

% EU Co-funding: 60% (1 989 992 €)















Project actions

•Elimination of **river discontinuity** in the rivers Águeda and Alfusqueiro, effectively ensuring the **recovery and renaturalization of river habitats** towards a **Good Ecological State** (WFD) for **migratory fish populations**;

•Re-naturalization of marginal riparian habitats, by reducing terrestrial habitats degradation and controlling invasive alien species (European Biodiversity Strategy, EBS);

•Recreational and commercial **fisheries management**;

•Stakeholders engagement and compatibility of ecosystem uses.

