Conservation and Management Actions for Migratory Fish in the Vouga River Basin (LIFE16 ENV/PT/000411)
Project Summary
- **Project Location:** Águeda
- **Duration:** 01.Aug.17 - 31.Jul.22
- **Budget info:**
  - **Total:** 3 324,804 €
  - **% EC Co-funding:** 60% (1 989,992 €)
LIFE ÁGUEDA| Project Summary

- **Project’s Implementors:**
  - Coordinating Beneficiary: University of Évora / MARE
  - Associated Beneficiaries:
    - Água Municipality (CMA)
    - Mora Municipality (CMM) / Fluviário de Mora
    - Docapesca – Portos e Lotas, S.A.

- **Institutional Support:**
Objective

Elimination of hydro-morphological pressures towards the reestablishment of conditions for a Good Ecological Status, as required by the Water-Framework Directive (WFD, 2000/60/EC) and River Basin Management Plans (RBMP).
Specific Objectives

- Elimination of river discontinuity in the rivers Águeda and Alfusqueiro, effectively ensuring the recovery and re-naturalization of river habitats towards a Good Ecological State (WFD) for migratory fish populations.
Specific Objectives

- Mitigation of the effects of unsurmountable dams on the nearby River Vouga – design and operation of a pilot translocation program directed at European eels juveniles (European eel Management Plan, EMP)
Specific Objectives

- re-naturalization of marginal riparian habitats, by reducing terrestrial habitats degradation and controlling invasive alien species (European Biodiversity Strategy, EBS)
Proposed solutions and key actions
1. Integration of demonstrative solutions for re-naturalizing river morphology with innovative solutions targeting complimentary issues. *e.g.*:

- Removal of river obstacles and re-naturalization of the river bed
- Installation of nature-like fish passages
- Translocation program of juvenile European eels
- Riparian habitat restoration
2. Recreational and commercial fisheries management
   - Anglers’ engagement for fish monitoring (development of a mobile App)
   - Market differentiation and fish valorization (mobile auctions and label of origin)

3. Stakeholders engagement and compatibility of ecosystem uses
Project Actions
Obstacles’ update and identification:
Mitigation of unsurmountable obstacles
Obstacle removal and river bed renaturalization
LIFE ÁGUEDA | Implementation and Monitoring Actions

Riparian habitat restoration
Distribution and abundance of European eel, sea lamprey larvae, trout

Movement and migratory patterns of anadromous and potamodromous species - radio telemetry

Dispersion pattern of migratory fish species - PIT-tags

Inquiries to the fishermen community in Vouga and Mondego River basins
Communication & Dissemination
LIFE ÁGUEDA Communication and Dissemination Actions

- Roll-up
- Flyer
LIFE ÁGUEDA| Communication and Dissemination Actions

- Networking LIFE Fluvial (23 March 2018)
- Peixe em Lisboa 2018 (12 April 2018)
World Fish Migration Day 2018 (21 April 2018)

INTER LIFE PT 2018 (10 and 11 May 2018)
NEXT EVENTS

- Public presentation of LIFE Águeda (18 May 2018)
- Workshop Biomark - PIT-tags (23-25 May 2018)
- Programa de férias de verão C.M. Águeda (25 Jun - 27 Jul 2018)
## LIFE Águeda | Expected Impacts

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Estimated Impact</th>
<th>Change (%)</th>
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<tbody>
<tr>
<td><strong>Water</strong></td>
<td></td>
<td></td>
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<tr>
<td>• Improved Structure of Riparian Galeries <em>(WFD)</em></td>
<td>30 ha</td>
<td>5-10</td>
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<tr>
<td>• Improved Ecological Status of River Stretches <em>(WFD)</em></td>
<td>51 km</td>
<td>60</td>
</tr>
<tr>
<td>• Reduction of Hydromorphologic Pressures in Rivers Águeda and Alfusqueiro <em>(WFD; FD)</em></td>
<td>Removal of 8 obstacles</td>
<td>75</td>
</tr>
<tr>
<td>• River Continuity Reestablishment <em>(WFD)</em></td>
<td>34 km</td>
<td>100</td>
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<tr>
<td><strong>Fisheries</strong></td>
<td></td>
<td></td>
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<tr>
<td>• Sustainable fisheries management <em>(CFP)</em></td>
<td>50 km</td>
<td>100</td>
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<tr>
<td>• European eel juveniles translocation <em>(EMP)</em></td>
<td>500,000 /yr</td>
<td>25-50</td>
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<tr>
<td>• Increased diadromous fisheries income <em>(CFP)</em></td>
<td>0.5-2€/kg</td>
<td>25</td>
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<tr>
<td><strong>Habitats</strong></td>
<td></td>
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<tr>
<td>• Improved Area of Riparian Habitats <em>(CFP)</em></td>
<td>13.5 ha</td>
<td>20</td>
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<tr>
<td>• Improved Conservation Status of Areas from designated Natura 2000 SCI or SPA <em>(EBS)</em></td>
<td>2.5 ha</td>
<td>40-60</td>
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<tr>
<td><strong>Species/Biodiversity</strong></td>
<td></td>
<td></td>
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<tr>
<td>• Fish population increase due to habitat restoration and/or fisheries management <em>(EBS; CFP)</em></td>
<td></td>
<td>1-20</td>
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<tr>
<td>• Reduction of invasive riparian species <em>(EBS)</em></td>
<td></td>
<td>95</td>
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LIFE ÁGUEDA

Informação da Página
- Começou - 1 de Agosto de 2017

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A nossa história
O projeto LIFE ÁGUEDA - Ações de conservação e gestão para peixes migradores na bacia hidrográfica do Vouga (LIFE16 ENV/PT/000411), tem como objetivo principal a mitigação de obstáculos que estavam a limitar o habitat disponível para os peixes.
Thank you!

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