



Communication Activity Report

To measure and keep track of important AMBER communications, complete this report add the following documents and send them along with the report to: rosa@fishmigration.org

- For presentations: **Presentation**, **programe**, **attendance list**, **picture**
- For other dissemination (website, newsletter, magazine, press, tv, radio etc.) Article/ Podcast/Video or/and link

Action

Type of activity	Organisation of a Workshop (select)
Name of activity	Restoring river connectivity: challenges and current developments
Link to activity	https://sere2018.org/
Location	Reykjavic, Iceland
Date	17/9/2018
Presenter / host	Josh Jones / SER Europe conference 2018

Audience

Type of audience		Give an aproximate number or %	for each type (of audience
	Scientific Commu	nity (Higher Education , Research)	90%	
	Industry		20%	
	Civil Society			
	General Public			
	Policy Makers			
	Media			
	Investors			
	Customers			
	Others			

Results

Results from action	Increased awareness of AMBER project in field of habitat restoration
	Rivers are some of the most threatened ecosystems in the world, and are a major focus of restoration programmes in Europe and elsewhere. A major challenge to achieving good ecological status is the fragmentation of stream habitats caused by many thousands of barriers, especially as many are not properly documented. Second, the biological impacts of barriers are largely unknown, as most research has focussed on particular taxa, mainly migratory fish, hindering the design of efficient restoration initiatives. Third, barriers often provide multiple, contrasting positive and negative impacts on different stakeholders, thereby river restoration initiatives must face challenging problems of minimising multiple tradeoffs. The purpose of this workshop is to share novel developments currently brought forward by ongoing EU-wide H2020 research projects, AMBER





and FITHydro, and the Dam Removal Europe initiative, in order to (a) identify the main challenges for restoring river connectivity, (b) discuss current research initiatives and how they are addressing these challenges and (c) identify potential synergies and avenues for collaboration among current projects.

This will be achieved by bringing together ecologists, engineers, river scientists and conservationists working on river connectivity. Following presentations of current developments, participants will have the opportunity to share ideas and discuss key requirements and challenges for achieving the restoration of longitudinal river connectivity including barrier identification, barrier removal, impact mitigation methods, and monitoring adaptive management. This will allow sharing of perspectives; strengthen the global network of those working to improve river connectivity; and advance collaborative efforts to improve the success of river connectivity restoration efforts worldwide.

9.00 Welcome and introduction to the workshop

9:10 Presentation: The AMBER atlas of barriers and obstacles in Europe

9:25 Presentation: FITHydro adaptive management of barrier design

9:40 Presentation: Dam removal Europe

9:55 Questions and discussion on morning presentations; identification

of main challenges 10:30 Coffee break

10:45 Working groups on challenges identified in the morning session (3-

4 max)

11:45 Lunch

12:45 Presentation of conclusions by working groups

13:30 General discussion and conclusions

14:00 End of the workshop

This document has been filled in truthfully and to the best of my abilities:

Date: 17/10/2018 Name: Josh Jones

Signature: John Ines











