Demonstrated use of the RESTORE / ECRR RiverWiki

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Jukka Jormola,

Finnish Environment Institute SYKE /ECRR

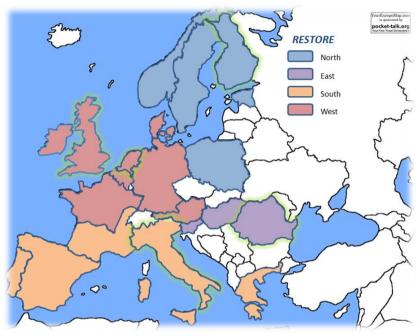


What is/was RESTORE?

- EU LIFE + Information and communication project
 - 0 2010-2013
- Lead partner the Environment agency of England and Wales
- Partners:
 - River Restoration Centre RRC, UK
 - Finnish Environment Institute SYKE, FI
 - Italian River Restoration Centre CIRF, IT
 - DLG Government Service for Land and Water Management, NL
 - Wetlands International, NL
- In close co-operation with European Centre for River Restoration, ECRR



RESTORE regions covering most of Europe



- Four geographical regions
 - North SYKE
 - West RRC, River Restoration Centre
 - East DLG, Dutch water agency
 - South CIRF, Italian river restoration centre



Goals of RESTORE

- Promoted establishement of new river restoration networks and centres
 - North: Finland, Poland
- Promoted river restoration as a tool of River Basin Management and the Water Framework Directive
- RiverWiki



What is RiverWiki?

- An online database with about 800 river restoration case studies from 31 countries Europian wide (Oct 2014)
- A tool for sharing best river restoration practices
 - Easily accessible contents are useful for policy makers, practitioners and researchers.
 - Case studies can be searched through country, coordinates, name and theme
 - Interactive anyone can create a new case study description and other users are able to comment and/or fulfil it – new monitoring results needed for every case
 - Accepting and moderating new cases (drafts) will be done by existing national river restoration centres



Moderators for RiverWiki cases in different countries

- Finland, Sweden, Denmark, Estonia: SYKE
- Latvia, Lithuania: ?
- Norway: Norwegian Environment Agency- Miljödirektoratet
- Russia : RosNIIVH
- Romania: RRRC
- Poland: SSGW
- Czech Republic, Slovakia : ?
- Hungary: Agnes György
- Bulgaria: Vasil Uzunov
- Bosnia and Herzegovina: ?
- Slovenia : IzVRS
- Germany: ?
- The Netherlands: NCR
- Belgium: ?
- UK & Ireland: RRC
- France: ONEMA
- Italy, Greece, Switzerland: CIRF
- Spain: CIREF
- Rest of Europe : ECRR secretary



How to use it?

- Type http://riverwiki.restorerivers.eu
- Navigation on left hand side click search case studies or advanced search
- Choose e.g. country: Switzerland and click Run query below the map
- You can create a new case yourself



RESTURE partnership

RESTORE web site

Wiki navigation

Main page
Search case studies
Advanced search
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Main Page

Welcome to the river restoration case studies RiverWiki. This tool is for sharing best practices and lessons learnt for policy makers, prac This is an interactive source of information on river restoration schemes from around Europe!

Up to now, the database holds 782 river restoration case studies from 31 countries

HAVE YOUR SAY, we are happy to receive any suggestions for improvements to the site please contact us.

The RiverWiki has been developed by the RESTORE partnership for sharing knowledge and promoting best practice on river restoration.

of the LIFE+ financial instrument of the European Community. Read more on the RESTORE partnership.

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- 1 Map of case studies
- 2 Countries
- 3 Search
- 4 Create a case study
- 5 Other resources
- 6 Contacts

Latest updated case studies	Modification date \$	Country +
Source to Sea Programme	8 September 2014 11:35:08	England
Source to Sea Programme – 1. Leighton Moss Resource Protection	8 September 2014 11:12:09	England
Restoration of the River Witham	28 August 2014 14:38:24	England
Urban River Enhancement Scheme (URES) in Burnley	28 August 2014 10:48:34	England
Guash Habitat Restoration Project (Phase 1 and 2)	28 August 2014 10:44:09	England
more		

Map of case studies



Search tool according to themes

Basic Search	
Status:	Complete In progress Planned
Theme:	Economic aspects Environmental flows and water resources Fisheries Flood risk management Habitat and biodiversity Land use management - agriculture Land use management - forestry Monitoring Social benefits Spatial planning Water
Country:	Afghanistan Albania Algeria Andorra Angola Antigua and Barbuda Argentina Armenia (CTRL+click to select/unselect multiple countries)

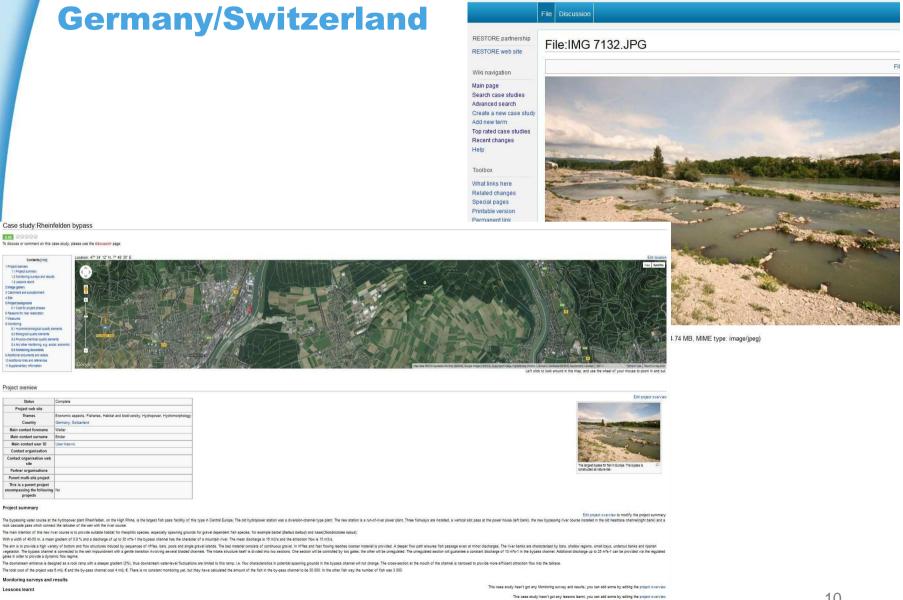


Case study:Rheinfelden bypass

Search by country: Germany/Switzerland

The main intention of this new river course is to provide suitable habitat for meophilic species, especially spawning grounds for gravel dependent fish species, for example barbel (Barbus barbus) and nase(Chondrostona nasus

The total cost of the project was 8 milj. € and the by-pass channel cost 4 milj. €. There is no constant monitoring yet, but they have calculated the amount of the fish in the by-pass channel to be 30 000. In the other fish way the number of fish was 3 000.



Lessons learnt

Image gallery

Search by theme: Hydropower

Case study: Albbruck-Dogern (bypass and nature-like pool pass)

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To discuss or comment on this case study, please use the discussion page.

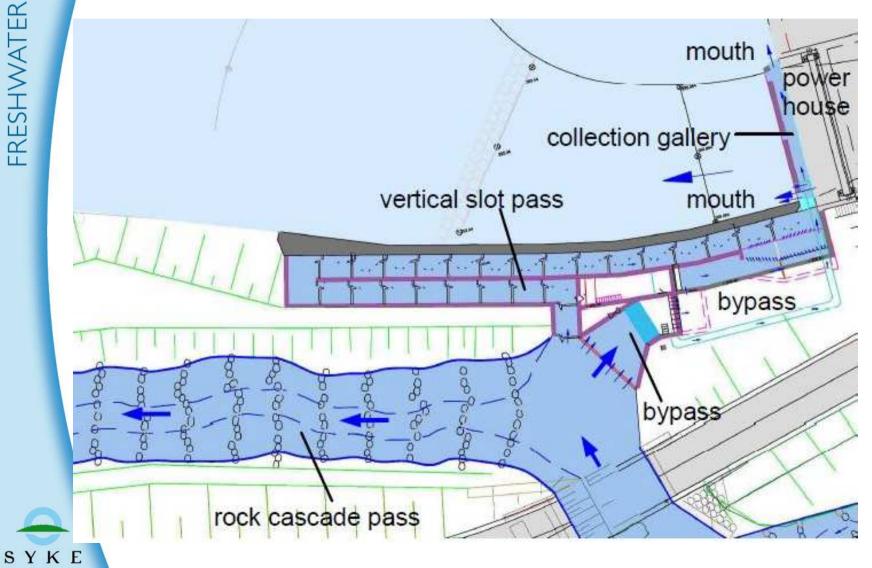
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- 9 Additional documents and videos
- 10 Additional links and references
- 11 Supplementary Information





Plans, details



Impressions through RiverWiki





Phtotos of new appraches: Habitats in connection with the fish pass





Example from Finland Reinikkalankoski, transbordering river

Case study: Restoration of Reinikkalankoski torrent

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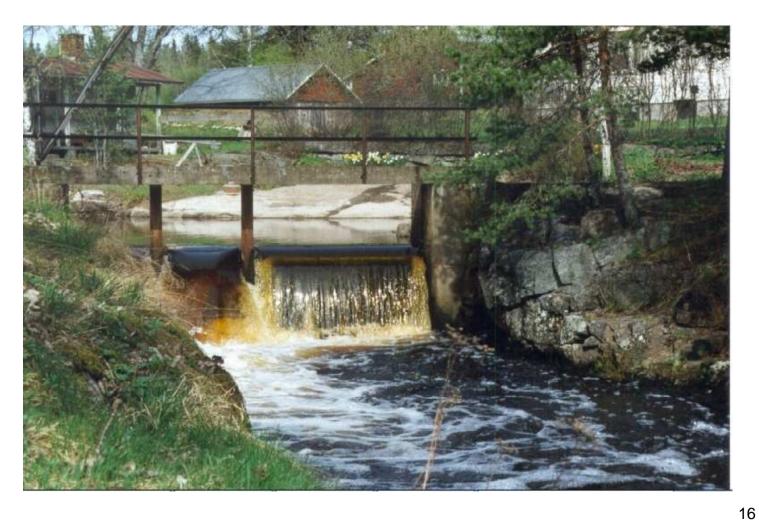
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Left click to look around in the map, and use the wheel of your mouse to zoom in and out.

Before





During restoration





After: Accesable for Sea trout from Russia, new habitats







Sweden – biokanal (bypass for all organisms)

Case study:Eldbäcken

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SYKE

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File:Eldbacken.PNG





Status	Complete
Project web site	http://www.nrrv.se/@
Themes	Habitat and biodiversity, Hydropower
Country	Sweden
Main contact forename	Stina
Main contact surname	Gustafsson
Main contact user ID	
Contact organisation	Karlstad University
Contact organisation web site	http://www.nrrv.se@
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Estonia, Pirita river

Case study: Restoration of Pirita River

This case study is pending approval.

Approve case study

Edit project overview

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Project overview

Status	Planned
Project web site	http://
Themes	Fisheries, Habitat and biodiversity, Hydropower, Water quality
Country	Estonia
Main contact forename	-
Main contact surname	
Main contact user ID	
Contact organisation	
Contact organisation web site	http://
Partner organisations	
Parent multi-site project	
Multi-site	No

Project summary

The Pirita River is 105 km long river in the northern part of Estonia and it runs into the Gulf of Finland. Catchment area of the river is 799 km². The lower part of the Pirita River has ideal sites for salmon and trout reproduction. However, the salmon production is rather limited and and the large dam of



New sites in Pirita River 2014 - not yet added in RiverWiki





Advantages of using River Wiki

- You can learn of cases in other countries and regions
 - river restoration methods are same
- You can convince decision makers and practicioners
 - similar was already done somewhere
- You can practice virtual travelling (convinient)
- You can easily plan real site visits
 - background info, monitoring results, contacts
- You get your own work be seen
 - you exist in the world of River Restoration!

