



# National Centres for River Restoration and the ECRR Network

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*Paris, December 2015*

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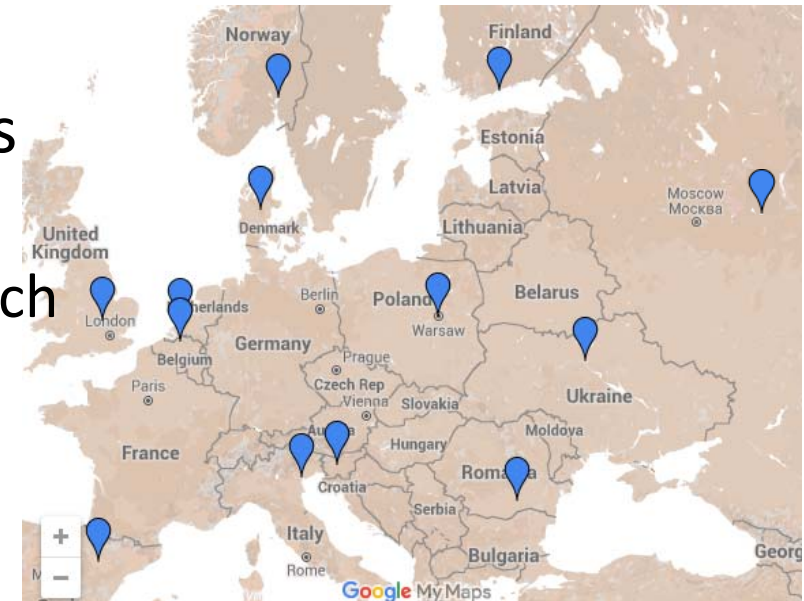
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[www.therrc.co.uk](http://www.therrc.co.uk)



# ECRR Network

- ECRR is a European network consisting of national centres, organisations, institutions and individuals .
- **ECRR connects people and organizations:**
  - 800 contacts (emails, website, newsletters)
  - 13 'National Centres' (N.R.Inst, NGO, Agency, Uni.)
  - 11 partners (e.g. INBO, GWP, IRF, WI..)
- ECRR encourages **best practice** river restoration & disseminates information:
  - Same problems different approach
  - Tools and strategies
  - Sharing experience & data
  - Sign-posting good resources





# Principles

- Working with natural processes
- More resilient ecosystems
- Delivering multiple benefits
- Based on good science
- Assessing success
- Sharing of experiences
- Presenting work and lessons
- Evidenced based learning

***good science & best practice for  
river management and restoration implementation***

The network for best practices of river restoration in Greater Europe

**ECRR**  
European Centre for River Restoration

Home | About | River Restoration | RiverWiki | News & Events | P

River Restoration | **What is river restoration?**

What is river restoration?

- ▶ How to do river restoration
- ▶ Why restore rivers?
- ▶ Meeting EU directives
- ▶ Regional and national policies
- ▶ Economics
- ▶ Flood risk management
- ▶ Habitats and biodiversity
- ▶ Hydropower
- ▶ Agriculture and Forestry
- ▶ Social benefits of river restoration
- ▶ Spatial planning
- ▶ Fisheries
- ▶ Urban River Restoration

**What is river restoration?**

2005

River restoration refers to a large variety of management measures and practices that aim to restore the natural state and functioning of the river, including biodiversity, recreation, flood management, and development.

By restoring natural conditions, river restoration restores the river systems and provides the framework for the multifunctional use of estuaries, rivers and integral part of sustainable water management aims of the Water Framework Directive, and management policies.

Technical measures that help to bring river restoration to the end of the spectrum are zoning regulations

[Restoration Manual by the UK River Restoration Centre](#)



# Role of a National Centre

**ECRR** - Able to represent all the river restoration community in its country. Has a mandate to distribute information and learning.

**National** - Acknowledged as the coordinating body for how to address river restoration needs and requirements in its country.

- |   |                                 |
|---|---------------------------------|
| •Strong base                                  | Info, experience, need, desire  |
| •Clear support Gov.t, agencies, NGO's, do'ers |                                 |
| •Continuity                                   | Flexible (funds, activities,..) |
| •Expert network                               | Assoc, advisers, directors, etc |
| •Interest network                             | News, events, information       |
| •Reputation                                   | Independence, quality, fair     |
| •Proactive                                    | "What next?", knows its users   |



# The River Restoration Centre (RRC)

*Working to restore and enhance our rivers*

***Independent, impartial, specialist, not-for-profit***

***River restoration expert advisers since 1994***



- Expert advice to policy, science and practice,
- Communicating knowledge & understanding,
- Training & technical workshops,
- Building the UK evidence base,
- Best practice technical guidance,
- The UK forum for knowledge exchange.



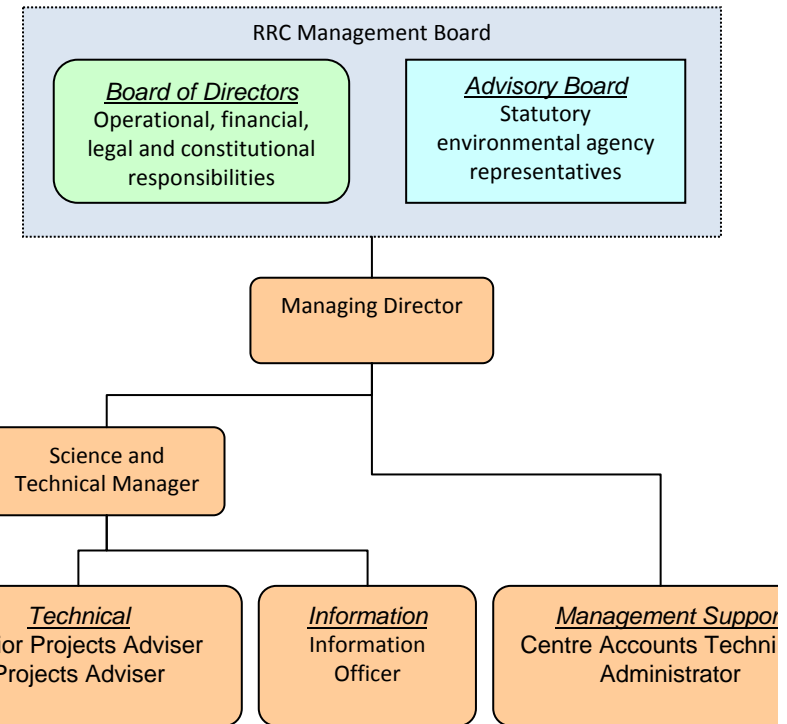




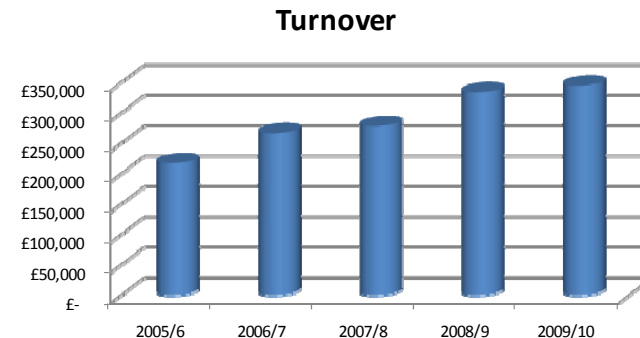
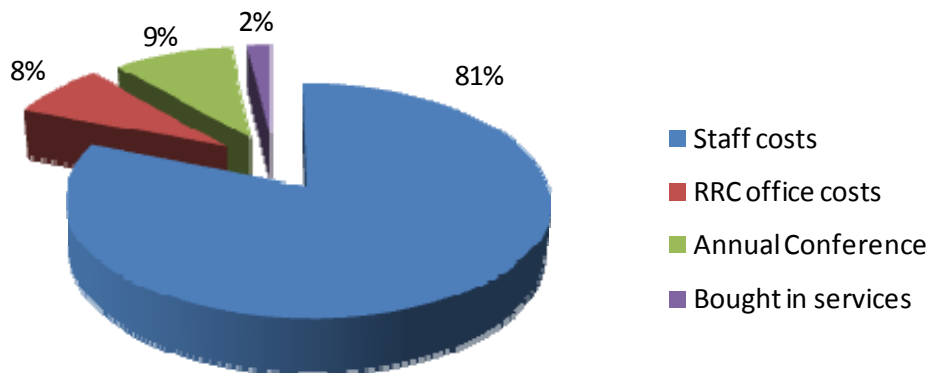
# The UK 'Centre'

- Small core = 6-8 staff
- 'Expert Advisers'
- Board & Agencies
- UK-wide coverage = 'buy-in' and 'exposure'

Expert Advisers  
Expert input brought in as required



***Experience, understanding, reputation.***





# Information, Advice, Guidance, Sharing and Communicating Best Practice





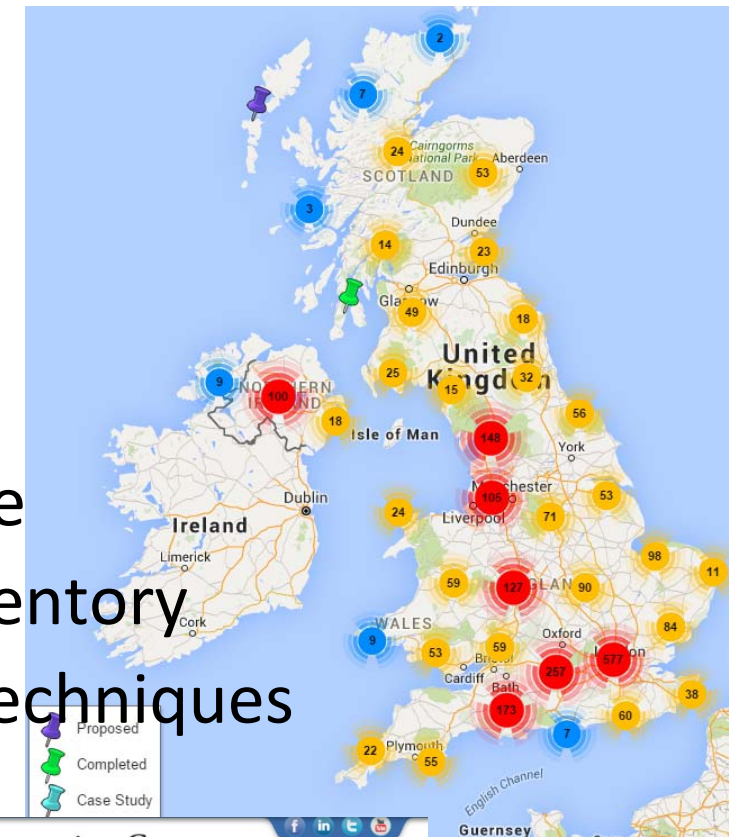
# Activities

## 1. 'Signature' activities:

- Annual UK network conference
- National River Restoration Inventory
- Manual of River Restoration Techniques

## 2. Other activities

- National Advisers
- 'Project' advice
- Training & workshops
- Bulletins & website
- Auditing & rewarding









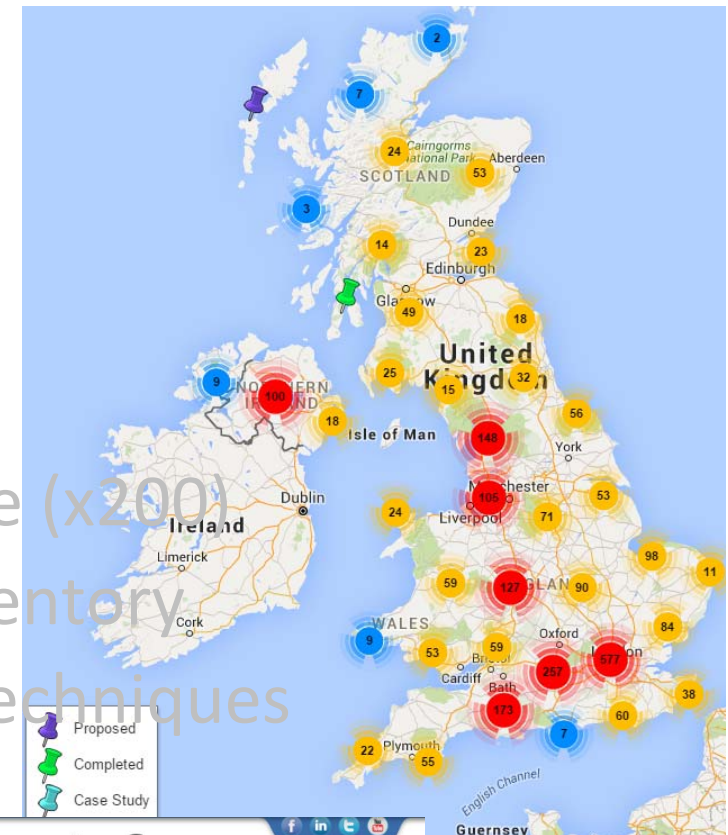
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# River Tweed

*Tweed Forum*

UK RIVER PRIZE WINNER





# National impact over 20 years

- 300+ Project advise reports and visits
- 16 Conferences organised [250 - 300 attendees]
- 65+ Workshops and training events
- 100+ Visits to demonstration sites
- 3000+ Projects on the RRC Inventory
  - Photo library of 80,757 images
- National and international impact and influence (Korea, China, Japan, Armenia, USA, Canada, Brazil..)



***A small self-funded n-f-p NGO with <10 staff***





# Benefits of the ECRR Network

- Partners for big projects (e.g. Life+ RESTORE)
- Sharing information – RiverWiki, web, news
- Add to ‘joint’ responses to EC consultations
  - Blueprint for Water, Green Infrastructure Strategy
- Multi-country exchange meetings, seminars...
- Occasional ECRR conferences, with an NC lead

A partnership approach – each contributes to build a better resource for all.



# RESTORE. Life+ Communication

*Sharing river restoration knowledge across Europe*

- Stronger European network of River Restoration,
  - 36 seminars and conferences in 20 countries
  - 66 events for 5791 people
- New *River Restoration* examples,
- Web guidance & resources,
- *RiverWiki*: web based 'community' case study tool,
- Supporting a 5<sup>th</sup> ECRR conference and EU *Riverprize*,
- Social media, articles, bulletins, papers, talks.....
  - 9548 individual contacts...
- 'Best of the Best' 2015, EP LIFE €3.46B workshop.



*Started by ECRR, returns to ECRR*





# RiverWiki

Search for projects

Create your own case study

Help guide

Translate to own language for existing and your new entry

929 case studies from 33 countries,  
7,113 registered users,  
3,186,700 total views.

**Restoring Europe's Rivers** Environment Agency WETLANDS INTERNATIONAL BYKE

Page Discussion

## Main Page

Welcome to the river restoration case studies **RiverWiki**. This tool is for sharing best practices and lesson  
**This is an interactive source of information on river restoration schemes from around Europe!**  
Up to now, the database holds 818 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

**Contents [hide]**

- 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
<a href="#">Minsterley Brook Abandoned Metal Mines</a>	12 November 2014 04:51:3
<a href="#">Whit Beck River Restoration Project</a>	11 November 2014 12:23:1
<a href="#">Peatland restoration project: Rivers Alport and Ashop</a>	8 November 2014 15:28:15
<a href="#">Little Waltham Meadows Back Channel creation</a>	31 October 2014 15:52:20
<a href="#">Craigton Riparian and NFM Orchard Planting</a>	30 October 2014 08:56:14
<a href="#">more...</a>	

### Map of case studies

What you can do:

- You can search the database to find case studies by using the different categories: country; monitoring or implementation
- Please also add your own river restoration scheme to the database: [click here to take the survey](#) or [add to the discussion pages](#).
- Provide us with your feedback: [click here to take the survey](#) or [add to the discussion pages](#).



River Isar, Munich – 10,000 views







# Cross policy & cross sector

• Habitat and Biodiversity	- 757 <b>(81.5%)</b>
• Fisheries	- 326 <b>(35.1%)</b>
• Hydromorphology	- 289 <b>(31.1%)</b>
• Social benefits	- 288 <b>(31.0%)</b>
• Flood risk management	- 252 <b>(27.1%)</b>
• Water quality	- 239 <b>(25.7%)</b>
• Env. flows & water resource	- 172 <b>(18.5%)</b>
• Monitoring	- 150 <b>(16.1%)</b>
• Economic aspects	- 115 <b>(12.4%)</b>
• Land use management (Agriculture)	- 97 <b>(10.4%)</b>
• Urban	- 82 <b>(8.8%)</b>
• Hydropower	- 45 <b>(4.8%)</b>
• Land use management (Forestry)	- 43 <b>(4.6%)</b>
• Spatial planning	- 37 <b>(4.0%)</b>

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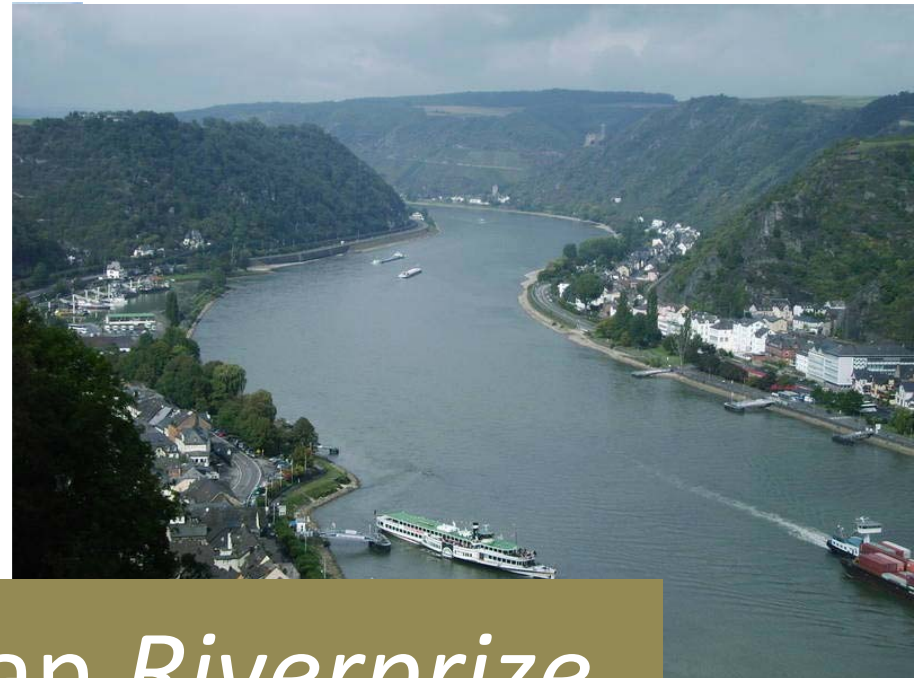
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What is river restoration?

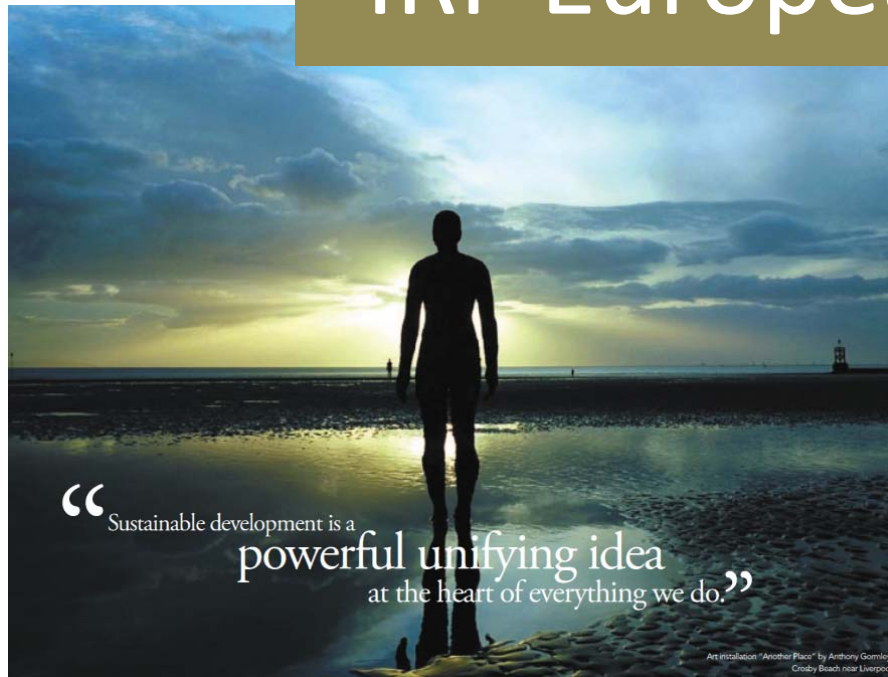
River restoration and management aim to return the natural state biodiversity, recreation and development.

By restoring natural river systems multifunctional use is an integral part of the aims of the Water management policy.

Technical measures include the creation of a **Restoration Manual** at the end of the spectrum.



# IRF European *Riverprize*



Photos courtesy MBC and ICPDR websites





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# Welcome Number 14

