



The ECRR Association, River Restoration & WFD Implementation

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ECRR Association

Purpose:

To encourage and support ecological river restoration throughout greater Europe.

ECRR is an independent association, free to voice its opinions, irrespective of the interests of partners and supporters.

Members & Partners





Strategic Goals

The Association shall endeavour to achieve this purpose by:

- Connecting people and organisations working on river restoration and management.
- Supporting the development of best practices of river restoration and management.
- Exchanging information about river restoration.

“The network for best practice river restoration
in Greater Europe.”



ECRR Actions

- **Dissemination** of Ecological River Restoration technical **Information** amongst ca. 2500 individuals
- **Establishment** of River Restoration **National** and **Topic Centers** now 14 organisations
- Annual workplan for and with all members, and **largely in collaboration with Wetlands International**
- Partnerships with **various International Water Organisations - GWP(CEE), ICPDR**



River Restoration

- Restoring towards natural functioning of rivers & catchments
- Large variety of land and water management measures
- A framework for sustainable multifunctional use of rivers
- More than just implementing EU Directives
- EU Directives are drivers for river restoration progress

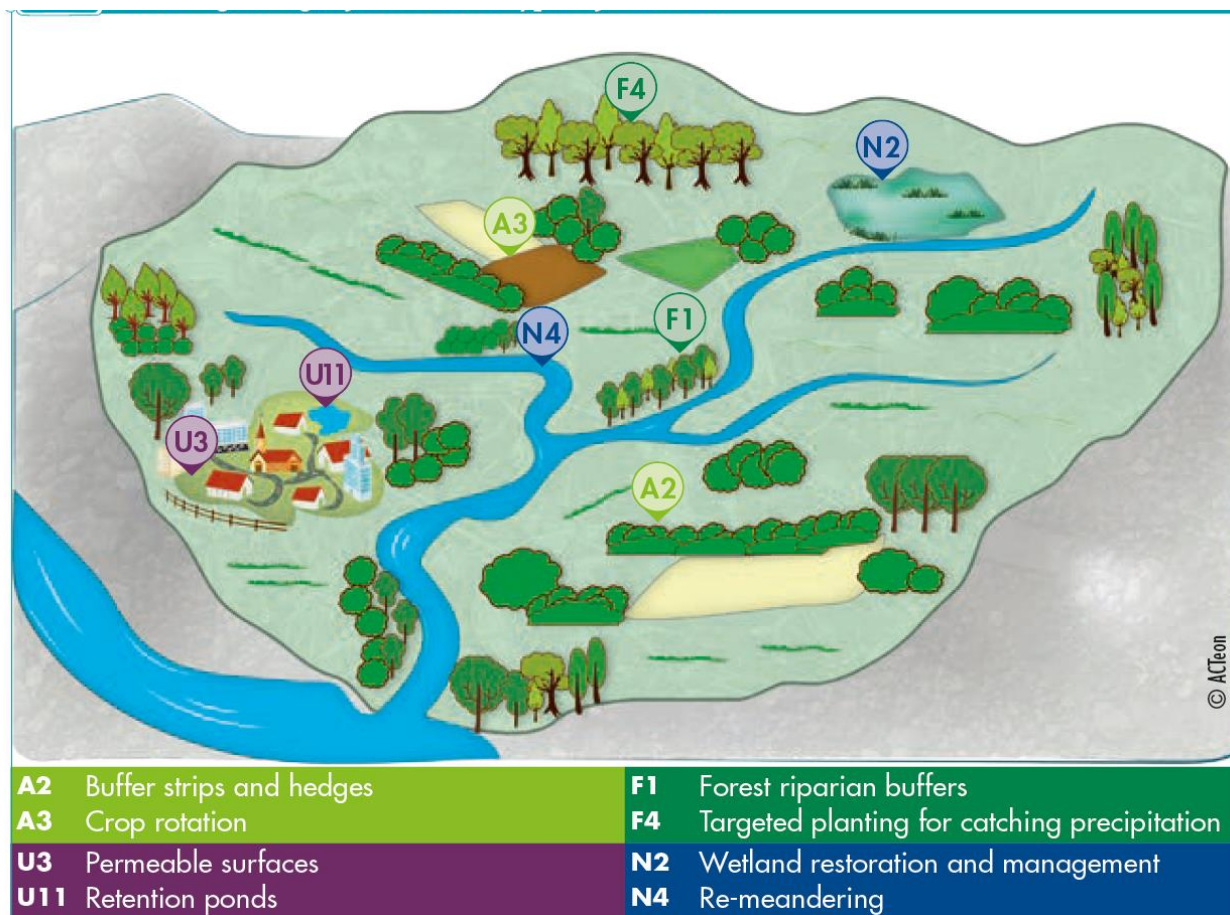


River Continuity



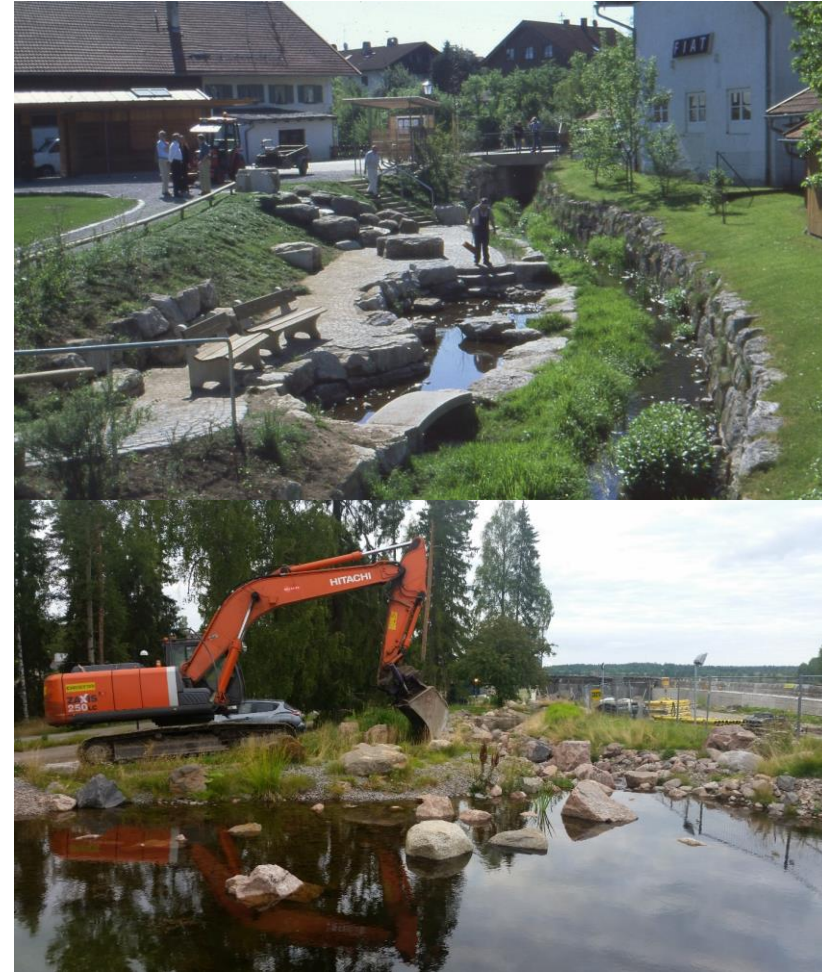


Natural Water Retention Measures





Urban Rivers and Landscape



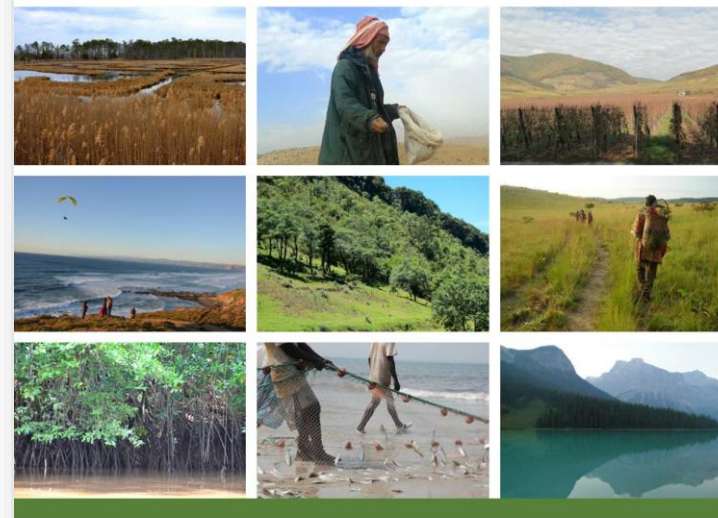


NBS – integrating nature



Nature-based Solutions to address global societal challenges

Editors: E Cohen-Shacham, G Walters, C Janzen,
S Maginnis





Multiple Benefits

- Natural physical processes operating freely
- Characteristic habitats and biodiversity
- Ecosystem services based on natural systems
- Reduced long term maintenance costs
- Sustainable, resilient, robust & no 'net loss' of natural capital
- Wider stakeholder involvement
- Policy coordination and integration of delivery
- Public partnerships, engagement & ownership – “locally-led”



Europe's rivers – 20 years on

European Environment Agency reports:

- Only 40% of surface waters in good ecological condition.
- With the main pressures:

– Hydro-morphological	40% + 17% heavily modified
– Diffuse pollution	38%
– Point source pollution	18%
– Water abstraction	7%
- Deterioration of rivers / waters stopped....Y/N?

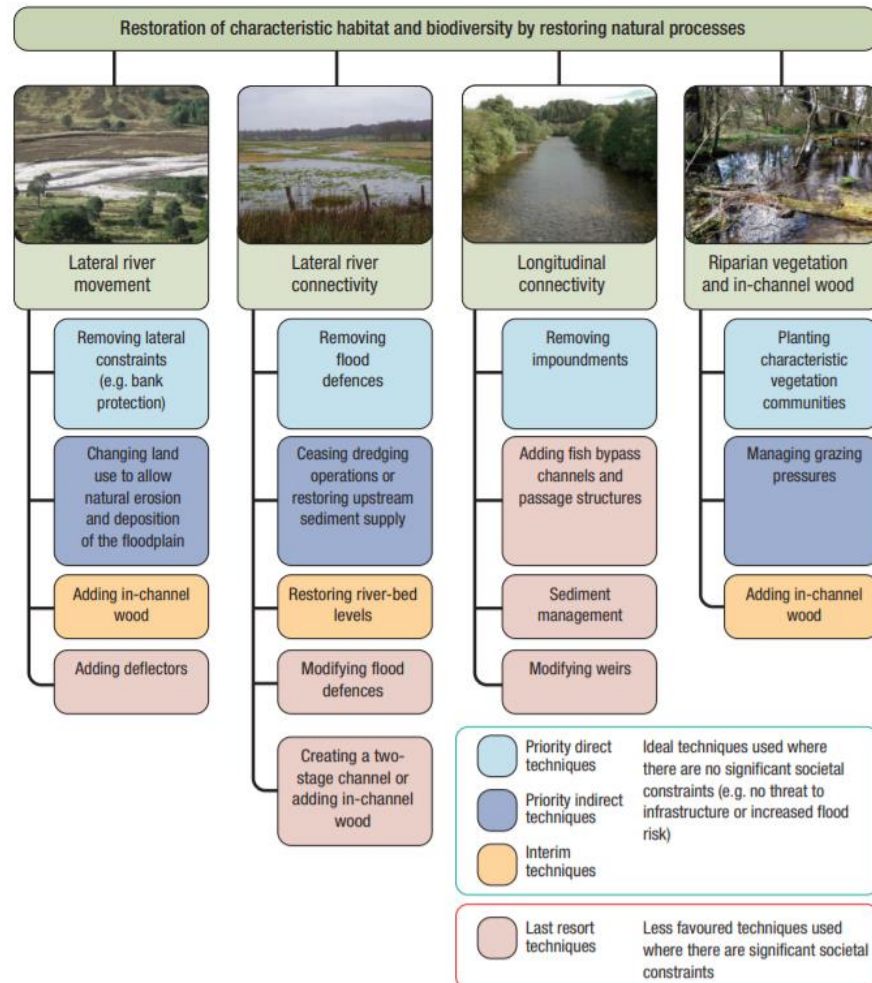


WFD & Fitness Check process (REFIT)

Feedback period - 17 September 2018 - 04 March 2019

- ECRR and WIEA, joint working on response
 - Technical examples and evidence to respond to the public consultation questions,
 - Position statement on the impact of Water Framework Directive on restoring rivers.

River Restoration and Biodiversity: Nature-based solutions for restoring rivers in the UK and Republic of Ireland

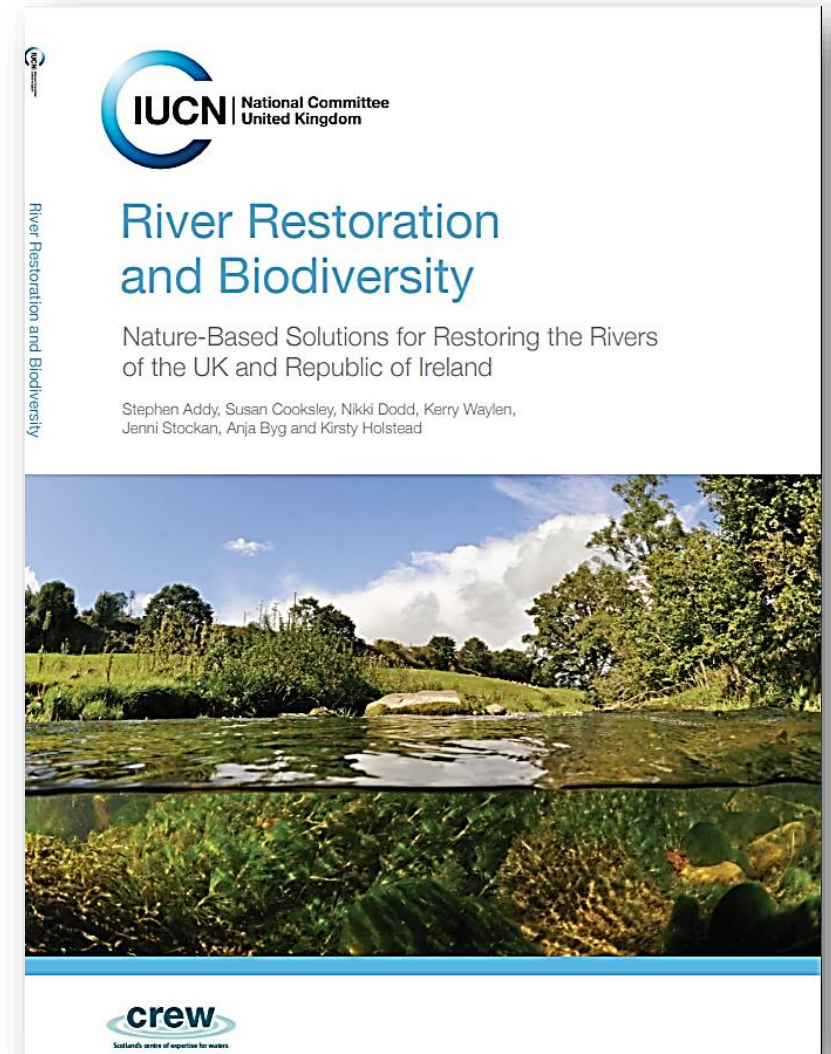


20 recommendations
for restoring rivers
under five headings:

Policies,
Funding,
Effective plans,
Evidence & evaluation,
Communicate benefits.

Next phase:

Large scale measured
demonstration of
effectiveness (build on
REFORM, etc.)





IUCN NCUK river restoration and biodiversity project



Defn. The re-establishment of natural physical processes (e.g. variation of flow and sediment movement), features (e.g. sediment sizes and river shape) and physical habitats of a river system (including submerged, bank and floodplain areas).



CEN Standard for 'River Restoration'

European Committee for Standardization

(**CEN: *Comité Européen de Normalisation***) – 34 countries



Final draft of new CEN standard for 'River hydromorphology & modification'

Proposal for 'River Restoration' from WG 25

- Encourage a consistent approach to survey, monitoring and assessment around Europe
- Contribute to work on European directives, such as the WFD and the Habitats Directive
- Encourage international collaboration in developing new methods
- Provide a framework to help countries without their own national methods to develop them

Speak to your national Standards Institute to encourage the need...





National 'River Prize' celebrations

UK River Prize



The UK River Prize provides recognition, reward and celebration of achievements in river restoration and catchment management.

- 2015 – River Tweed
- 2016 – Cumbria Rivers
- 2017 – River Avon
- 2018 – Hills to Levels (Somerset)



UK River Prize 2015
River Tweed



UK River Prize 2017
River Avon Restoration Project



M. Janes, ECRR

Italian River Prize

#premioRF2018

Celebrating successes in river management for a better world.



WI & STOWA Seminar Day, Ede Netherlands - Nov 2018





THANK YOU FOR YOUR ATTENTION



ECRR MEMBER REPRESENTATIVES AT THE 2nd GENERAL MEMBERS MEETING 2018 in EDE, NETHERLANDS