



Who are you?

In your group:

- Introductions:
 - Name, job, organisation and country





Restoring Europe's Rivers

The RESTORE project is made possible with the contribution of the LIFE+ financial instrument of the European Community



and works in partnership with



Understanding River Restoration

LIFE+ RESTORE funded event

Martin Janes, Jenny Mant, Vicky West, Ulrika Åberg

The River Restoration Centre (UK)

RESTORE West Region Lead

RESTORE – LIFE+ ‘info and comms’

“Partnership for sharing knowledge & promoting best practice in river restoration across Europe”

- 3 years, 21 countries, 36 events, end Dec 2013
- Web resources <http://www.restorerivers.eu/>
- River WIKI <http://riverwiki.restorerivers.eu>
- International conference – 11/13 Sept, Vienna

Restoring Europe's Rivers

What is river restoration?

Economic benefits

Flood risk management

Habitats and biodiversity

Hydropower



River restoration aims to restore the natural state and function of rivers in support of biodiversity, recreation, flood safety and landscape development.

[Read more](#)

Draft water resources planning guideline

12 March 2012

Restoring urban brooks - a new guide on the restoration of brooks in urban areas

28 February 2012

New guidance for working with natural processes in flood and coastal erosion risk management

21 February 2012

RESTORE – the case study repository is coming...

16 February 2012

[Visit the News and Updates page.](#)



Welcome to the RESTORE partnership for river restoration in Europe

RESTORE is a partnership for sharing knowledge and promoting best practice on river restoration in Europe. We encourage the restoration of European rivers towards a more natural state for increased ecological quality, flood risk reduction, and social and economic benefits.

What is River Restoration?

River restoration is action that restores the natural state and functioning of a river system in support of biodiversity, recreation, flood safety and landscape development. [Read more...](#)



New publication

2nd Workshop on Water Management, Water Framework Directive and Hydropower

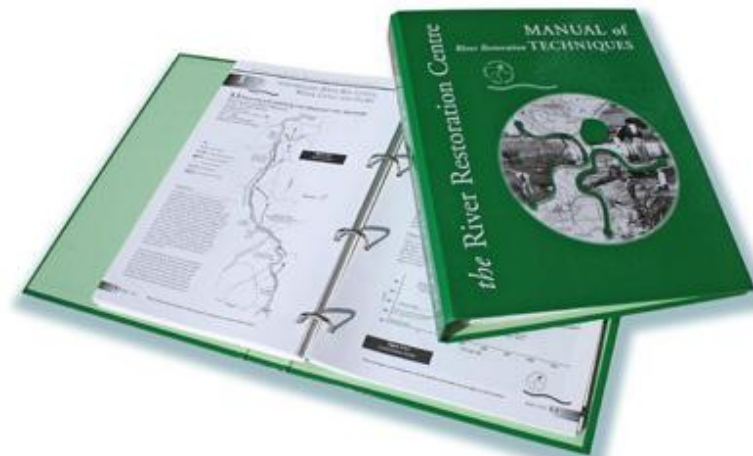


Upcoming events

World Water Forum 6, Marseille, France - 12/03/2012 23:00

INTEGRATED RIVER BASIN MANAGEMENT: Civil Engineering & Geosciences Professional Devpmt Unit course - 12/03/2012 23:30

HYDROLOGY OF ARID ENVIRONMENTS CONFERENCE, Hannover Germany - 14/03/2012 23:30



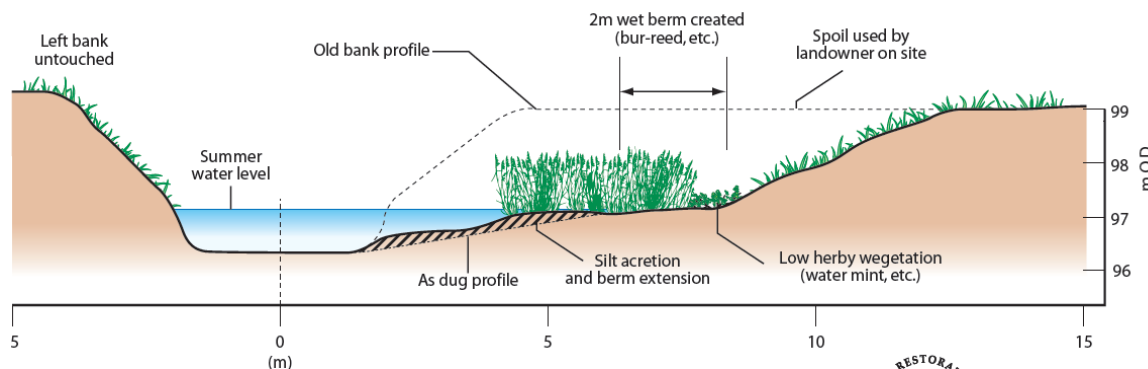
Manual of River Restoration Techniques Update 2013



Restoring Europe's Rivers

Lessons learned

- Understand your catchment /your local conditions (especially sediment transfer and erosion zones): just because a technique works in one place in one way, may not be true 100m downstream!
- *Case study:* Creating bays for fish refuge and habitat on the River Tall Northern Ireland: the location of deflectors determined outcome



Main points for this course

- Understand your river characteristics (sediment, vegetation and hydrology): is the technique appropriate for your river?
- Appraise your project and carry out adaptive management if necessary,
- Be sure of your objectives.



- New manual projects coming soon (late summer)



The new format

- New format online, easy to use and updateable

http://www.therrc.co.uk/rrc_manual_temp.php#

M A N U A L O F R I V E R R E S T O R A T I O N T E C H N I Q U E S

6



Channel enhancement to mitigate flood risk management works

6.4 Achieving channel features whilst excavating bedrock

RIVER VALENCY

LOCATION - BOSCASTLE VILLAGE CENTRE, CORNWALL SX10009123

DATE OF CONSTRUCTION - 2007/8

LENGTH - 300m

COST - NOT KNOWN (PART OF A £6.3M FLOOD RISK MANAGEMENT SCHEME)

River Valency

High energy gravel

WFD Mitigation measure

[Click Here](#)
to view details

Waterbody ID

GB108049007170

Designation

None

Project specific monitoring

Fish



Learning and sharing experiences

- Two days:
 - Won't make you an expert!
 - Won't all be new!
- Two days:
 - Will show you how different aspects fit together in ***understanding, design, implementing & assessing***,
 - Will give examples of what 30+ others are doing
 - Will show you what you can do AND when you need the help of others.



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- Understanding:
 - Name again!!
 - discipline/area of understanding
 - What do you want from this?

