

# Restoring Europe's Rivers

## RESTORE Events: Reporting

### River Restoration Design and Construction

Date

July 13<sup>th</sup> 2011

LIFE 09INF/UK/000032

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



and works in partnership with



## Key Issues identified from Event

### Management

This was seen as a crucial element to the success of all river restoration projects and can manifest itself in many ways from stakeholders' expectations, appropriate communication between project designer and contractor, no process followed to ensure consents are considered sufficiently early, through to no/limited site attendance from the project designer. If not managed efficiently, such elements can result in project delays and the inability to secure funding.

### Delivery

This is often hampered by funding strands that is only provided for 1 year with no roll-over facility to the next. However, the consents and site investigations (soils/silt sampling, archaeology etc) can also significant delay delivery. One of the most significant elements was that of early involvement of contractors to allow a smooth process from inception to delivery.

### Specifications

A lack of standard specifications for products commonly used for river restoration projects often results in an inappropriate level of design (too little or too much) for the specific river type.

### Understanding

Views were voiced that there was a lack of experienced project designers and client managers resulting in projects that are over engineered to take account of perceived risk rather than producing designs that can be flexible and include adaptive management principles to bring about a successful outcome. This is made more difficult to rectify due to limited guidance on the appropriate use of river restoration technique which could be increased through post- project audit management and programs.

## Key Outcomes and Actions

Many of the outcomes became UK focused, simply because of the final make up of the workshop participants. Those from other countries, however, experience many of the same issues and it is expected that these will be revisited at future workshops.

1. A need for a clear mechanism to identify experienced river restoration contractors so that procuring the right services is straightforward and cost effective.

**Actions:** A need for a river restoration/WFD accredited contractors' framework agreements within the EA and other procurement bodies (or could be a subset of existing ones such as the landscape or environment services frameworks or regional agreements). To achieve this it would be necessary to:

- Lobby the Environment Agency Chief Executive and/or Head of Procurement to ensure appropriate questions are asked of contractors through interviews

- Antonia Scarr to look at options within the Environment Agency to review and report back

2. Early contractor involvement to mitigate against both inexperienced and experienced river restoration project designers producing designs which are impractical, too risky or over engineered. As ‘an art informed by science’ any one project can be approached in a number of ways. When the designer and the implementer work together, evolving concepts, the outcome is likely to be better and more cost effective than when it lurches from one to the other. It could also result in cost reduction and smoother running of the project (i.e. translation of design to implementation).

**Actions:** Use the workshop forum to develop a joint statement about the benefits of this approach with key points about how this might be achieved.

- Workshop participants will need to sign up to an agreement regarding this process and help to deliver it through feedback mechanisms.

- RRC to invite Ireland’s OPW/Central Fisheries Board (via Jimmy King) to write RESTORE case study related to their tender process and working through a project from.

3. Project funding that is set up to span financial years is currently limited. This presents problems in terms of any unforeseeable delays in the project (e.g. weather conditions) and often results in a need to deliver projects on-the-ground at times of the year that are not the best with respect to environmental or working conditions. To achieve a change in this approach, it would first be necessary to collect evidence to justify the limitations that are currently imposed by such a system and suggest mechanisms to ensure that any longer funding initiative remain effectively monitored.

4. **Actions:** Requires government and policy maker lobbying.

- The RRC to raise this issue as part of their involvement in the DEFRA catchment restoration fund.

- RESTORE to raise this as part of future policy events where appropriate policy makers are present.

- Attendees to provide RESTORE with evidence to illustrate delays that have occurred within projects due to problems of funding.

5. There is still a high level of uncertainty and risk associated with river restoration projects. In part, this could be reduced by ensuring there a strong project manager with an overarching understanding all river restoration associated elements. Some projects which are externally

funded do not include provision for remedial work and hence are over-engineered to try and mitigate for the need for additional works for which there would be no funding. Ensuring that all stakeholders appreciate the value of robust river restoration design and making funding allowance for post project remediation would reduce these uncertainties.

**Actions:**

- RRC to deliver tailored workshops to help explain ‘how to do river restoration’. RRC also plan to do a ‘Lesson Learn’ project, looking at a range of restoration methods and what has worked where and why it worked, and what didn’t work and why.
  - Disseminate the key outputs of this workshop to a range of groups which might include ICE, CIWEM, and the Local Government News.
  - Keep in close contact with the attendees of this workshop to ensure any new approaches can be documented.
  - Disseminate information about how to evaluate River Restoration Projects ( e.g. disseminate RRC-led project of monitoring and objective setting guidance ( PRAGMO)).
  - Look to help Denmark reform their disbanded river restoration centre.
  - Use workshops and other means to explain to funding bodies (DEFRA, EA, HLF, Agg levy etc) that funding should include a percentage for remedials so that an appropriate level of risk in design CAN be taken: and that at the moment some money is being wasted on over-engineering simply in order to avoid the issue of clients not having access to funds in the year(s) after the principal capital payment.
6. For many of the common river restoration products there are no/limited standard specifications or where they exist guidance is not necessarily available to end users. Examples might include the specification of specific materials (e.g. how old should a coir roll be/ where should it be stored etc) through to how to understand the mechanisms related to how to deal with spoil and associated land drainage issues.
- Trawl existing information to evaluate gaps and disseminate useful documentation on the RESTORE website.
  - Work with other organisation to help produce appropriate specifications where there are identified gaps (e.g. Institute of Civil Engineers (ICE) and their European equivalents and the Association of Framework Contractors (ACE)).

## **Event Details**

The Event took place at the Forest Lodge Hotel, New Forest National Park, Hampshire, England on the 13<sup>th</sup> July 2011. Practitioners were invited from across Western Europe to take part in a workshop to discuss the issues which arise between the design of a river restoration project and the on the ground delivery of the project. A list of attendees is given in Appendix A.

The workshop programme (see Appendix B) firstly outlined the key elements of the RESTORE projects followed by short presentations from contractors highlighting their perspectives on river restoration delivery followed by group discussions related to topics that had been identified in advance through the RESTORE process. Contractors then provided presentations stressing their view of translating design into river restoration practice and how this process might be improved. Key outputs from the initial group discussions were summarised, and further discussed resulted in defining ways that the RESTORE project might help to work towards improving current working practices.

Presentations from the contractors can be found in Appendix C. The associated topics discussed were as follows:

- River restoration products ranging from bank protection that works with natural processes to in channel deflectors: their use and limitations (initial discussed by contractors);
- Communication between contractors and consultants: managing expectations for stakeholders (initially discussed by contractors);
- Rigidity of project design: interpretation between consultant/client and consultant/contractor (initially discussed by consultants);
- Your design is only as good as your digger driver': understanding to translate design to implementation (initially discussed by consultants);
- Project management and project planning: improving the process (initially discussed by client managers).

**Note:** Groups were initially divided by contractor, consultants and client managers, but there was then subsequent time for view points from each of these groups for each topic.

The key elements gleaned from the topics above were identified and shown below (the full list of comments capture can be found in Appendix D):

- Lack of appropriate contractors\* with relevant river restoration/WFD expertise;
- Early Contractor Involvement (ECI) to streamline the river restoration process (i.e. ability to provide practical advice to the design and to understand the process).
- Timescale slippage from lead in time, consents process (including waste), project management, transfer of money across year end, material availability etc etc: what can be done to minimise the impacts?
- Uncertainty and Risk: - lack of client managers' understanding of river restoration – leading to overdesigned projects and difficulty in delivering: who/how can we facilitate the reduction of uncertainty/risk/liability?
- What tolerance is acceptable to river restoration materials and availability of products? Should we/ can we produce standard specification of materials (what, where, when and how) to improve river restoration outcomes?

\*In England and Wales there are framework contractor lists but these still do not include specific river restoration expertise; elsewhere in Europe the approach differs.

**Note:** For discussion of the above, attendees were split into mixed groups (consultants, contractors and client managers).

The discussions were designed to encourage participants to suggest what the RESTORE project might be able to influence the process and help policy makers and others to modify provide current practices to streamline river restoration and WFD delivery. (The full details of the response are given in Appendix D)

## **Attendance**

In total there were thirty three people who attended the workshop including two facilitators from the River Restoration Centre and the RESTORE project manager (see Appendix A).

## **Support for Restoration Practices**

Appendix E includes all feedback forms from the workshop. Most participants identified that they had increased their network of river restoration practitioners. In particular the representative from Denmark commented that in recent years the Danish River Restoration Centre had ceased to exist and was keen to re-establish this network; as identified above there is an opportunity for the RESTORE project through the River Restoration Centre especially to help bring this aspiration to fruition.

This first West Region workshop identified the value of bringing together practitioners from a number of European countries to discuss common issues and identify gaps in knowledge. It also highlighted the fact that many issues relating to river restoration were similar in many respects across Europe.

## **Building on Network Capacity**

The event included representatives from 4 European countries (United Kingdom, Netherlands, Ireland and Denmark). All attendees forged new links with fellow river restoration practitioners across Europe.

## **Promoting effective Knowledge Transfer**

The event gave the attendees chance to hear a range of issues discussed across different functions (contractors, consultants and client managers) and across different countries. The results from the workshop will be disseminated to all the attendees.

Any new project information will be added to the RESTORE Wiki database. Various newsletters and journals will be targeted to identify opportunities to disseminate information as outlined above.

## **Dissemination of Event Outcomes**

The results from the workshop will be e-mailed directly to the attendees along with those who were intending to be at the event, but had to drop out and those people who have expressed a desire to be informed about the results from the event. In addition information will be posted on the RESTORE

website and will be disseminated to a wider audience including a resume being posted on the RRC July Bulletin.

## Follow Up

Follow up of the event will include

- Notes to attendees by August 2011
- Information posted on the RESTORE website
- Articles – RRC Bulletin, RESTORE Newsletter, LGN and others

A result of this workshop the need for a further RESTORE event in Ireland focussing on cross border issues relating to Water Framework Directive compliance was discussed (i.e. when RBMP cross countries). Potential attendees include Northern Ireland and Ireland (Eire), Germany , France and Belgium, all of whom deal with large catchments which span more than one country.



**Workshop Participants listening to a presentation**



**Listening to explanation of re-meandered watercourse from the Forestry Commission**



**Walking through the New Forest**



**Full compliment of participants outside the Forest Lodge Hotel**





## Appendix A – List of Attendees

<b>Surname</b>	<b>First Name</b>	<b>Company</b>	<b>E-mail address 1</b>
Bond	Will	Alaska	<a href="mailto:info@alaska.ltd.uk">info@alaska.ltd.uk</a>
Bridges	Chris	Environment Agency	
Bro	Tore	Bangsgaard & Paludan	<a href="mailto:tore-bro@hotmail.com">tore-bro@hotmail.com</a>
Brookes	Andrew	Jacobs	Andrew.Brookes@jacobs.com
Chase	Robin	Atkins	<a href="mailto:robin.chase@atkinglobal.com">robin.chase@atkinglobal.com</a>
Corbelli	Dave	Cascade Consulting	<a href="mailto:david.corbelli@cascadeconsulting.co.uk">david.corbelli@cascadeconsulting.co.uk</a>
Easton	Peter	Cain Bio-Engineering	<a href="mailto:peter.easton@cainbioengineering.co.uk">peter.easton@cainbioengineering.co.uk</a>
Edwards	Richard	Salix River & Wetland Services Ltd	<a href="mailto:richard@salixrw.com">richard@salixrw.com</a>
Ellis	Nick	Capita Symonds Ltd	<a href="mailto:nick.ellis@capita.co.uk">nick.ellis@capita.co.uk</a>
Fraser	David	APEM	<a href="mailto:d.fraser@apemltd.co.uk">d.fraser@apemltd.co.uk</a>
Gallay	Celine	Halcrow	<a href="mailto:GallayC@halcrow.com">GallayC@halcrow.com</a>
German	Sally	ARUP	<a href="mailto:sally.german@arup.com">sally.german@arup.com</a>
Hall	Jaymie	Five Rivers Environmental Contracting	<a href="mailto:jaymie@five-rivers.com">jaymie@five-rivers.com</a>
Hammond	Di	RRC	<a href="mailto:di@therrc.co.uk">di@therrc.co.uk</a>
Barlow	Peter	Salix River & Wetland Services Ltd	
Jackson	Nic	Land and Water consulting	<a href="mailto:enquiries@land-water.co.uk">enquiries@land-water.co.uk</a>
King	Jimmy	Inland Fisheries Ireland	<a href="mailto:Jimmy.King@fisheriesireland.ie">Jimmy.King@fisheriesireland.ie</a>
Knoben	Roel	Royal Haskoning (Netherlands)	<a href="mailto:r.knoben@royalhaskoning.com">r.knoben@royalhaskoning.com</a>
Leonard	Shaun	Wild Trout Trust	<a href="mailto:director@wildtrout.org">director@wildtrout.org</a>
Lewis	Vaughan	Windrush AEC Ltd	<a href="mailto:vaughan@windrushaec.co.uk">vaughan@windrushaec.co.uk</a>
Mant	Jenny	RRC	<a href="mailto:jenny@therrc.co.uk">jenny@therrc.co.uk</a>
Maxwell	Aly	Environment Agency	<a href="mailto:alsadair.maxwell@environment-agency.gov.uk">alsadair.maxwell@environment-agency.gov.uk</a>
Mott	Nick	Staffs Wildlife Trust	<a href="mailto:n.mott@staffs-wildlife.org.uk">n.mott@staffs-wildlife.org.uk</a>
O'Donnell	Tom	Mott McDonald	<a href="mailto:tom.o'donnell@mottmac.com">tom.o'donnell@mottmac.com</a>
Winslow	Jason	Alaska	<a href="mailto:info@alaska.ltd.uk">info@alaska.ltd.uk</a>
Scarr	Toni	Environment Agency	<a href="mailto:antonia.scarr@environment-agency.gov.uk">antonia.scarr@environment-agency.gov.uk</a>
Spencer	Chris	Land and Water consulting	<a href="mailto:enquiries@land-water.co.uk">enquiries@land-water.co.uk</a>
Stiff	Anthony	Anthony Stiff Associates	<a href="mailto:Anthony@anthonystiffassociates.co.uk">Anthony@anthonystiffassociates.co.uk</a>
Stollery	Mark	Wessex Land and Water	<a href="mailto:wessexlandandwater@yahoo.co.uk">wessexlandandwater@yahoo.co.uk</a>
Wheeldon	Jenny	EA/NE	<a href="mailto:Jenny.Wheeldon@naturalengland.org.uk">Jenny.Wheeldon@naturalengland.org.uk</a>
White	Karen	Royal Haskoning	<a href="mailto:k.white@royalhaskoning.com">k.white@royalhaskoning.com</a>
Wilcox	Howard	Mott McDonald	<a href="mailto:howard.wilcox@mottmac.com">howard.wilcox@mottmac.com</a>
Wreglesworth	Jim	Environment Agency	<a href="mailto:jim.wreglesworth@environment-agency.gov.uk">jim.wreglesworth@environment-agency.gov.uk</a>

## **Appendix B – Programme**

### **RESTORE WORKSHOP - BEST PRACTICE RIVER RESTORATION DESIGN AND DELIVERY**

#### **DAY 1**

##### **Introduction 10:00 to 10:25**

RESTORE and the WORKSHOP

10:00 to 10:10 Toni Scarr to introduce RESTORE

10:10 to 10:20 Di Hammond to Introduce the workshop

10:20 to 10:25 delegates to go to groups

##### **Session 1 – 10:25 to 11:15**

Talks on specific examples of problems and issues encountered on river restoration projects from a contractor's point of view.

UK contractor (Will Bond - Alaska) 10 minutes

UK contractor (Mark Stollery - Wessex Land and Water) 10 minutes

UK contractor (Richard Edwards - Salix) 10 minutes

Republic of Ireland contractor (Jimmy King - IFI) 10 minutes

##### **Coffee Break 11:15 to 11:45**

##### **Session 2 – 11:45 to 12:45**

Group discussion 30 minutes – (all consultants grouped together, all contractors grouped together and all project managers grouped together). Each group will be given two topics to discuss and to come up with the issues related to their given topics. Issues raised will be put on 'post it' notes.

Swap tables 10 minutes \* 3 – groups will move round to each of the other tables and have 10 minutes to add any additional issues. All the Issues will then be collated by the RRC ready for summarising after lunch and discussion in Session 4.

##### **Lunch 12:45 to 13:45**

##### **Summary of Morning sessions 13:45 to 14:00**

Summary of this morning discussions 15 minutes

##### **Session 3 – 14:00 to 15:05**

Talks on specific examples of problems and issues encountered on river restoration projects from a consultant's point of view.

UK consultant (Robin Chase - Atkins) 10 minutes

UK Consultant (Karen White - Haskoning) 10 minutes

UK consultant (Sally German -Arup) 10 minutes

UK consultant (Celine Gallay - Halcrow) 10 minutes

Dutch consultant (Roel Knobens - Haskoning) covering projects in Netherlands - 15 minutes

### **Tea break 15:05 to 15:30**

### **Session 4 – 15:30 to 17:00**

Group discussions 1 hour - mixed groups of environment agencies, consultants and contractors to discuss issues raised in Session 2 and to determine possible solutions

Dissemination 30 minutes – each group to report back on possible solutions (6 minutes each)

### **Workshop Close 17:00 to 17:30**

Close of workshop

17:00 to 17:10 Open discussion

17:10 to 17:15 Toni Scarr how workshop outcome will help RESTORE

17:15 to 17:30 Delegates to complete feedback form

Site visit Information – for those staying over for the site visit the following day there will be a 5 minute explanation for each site 17:30 to 17:40.

## **DAY 2**

Site visit to look at two restoration projects. Bed-raising and re-meandering at a site in the New Forest (Godshill near Lyndhurst) and a proposed fish pass on the River Itchen at Shawford, (near Winchester)

Leave Lyndhurst for Godshill 09:00

Godshill site visit 09:30 to 11:30

Leave Godshill 11:30

Arrive Shawford 12:15

Lunch in The Bridge at Shawford 12:15 to 13:30

Shawford site visit 13:40 to 15:40

Leave Shawford for Southampton Airport 15:40-16:00

Southampton Airport to Lyndhurst 16:00 to 16:30

## **Appendix C – Presentations**

The full set of presentations can be found on the RRC website by following the link below

**[http://www.therrc.co.uk/rrc\\_workshops.php](http://www.therrc.co.uk/rrc_workshops.php)**

## **Appendix D – Session Notes**

### **Notes of Group 3 (Andrew Brookes Co-ordinator)**

#### **Overview: Risks and uncertainty**

Geomorphology not a precise science – this doesn't suit contracts

Need right team from the start

#### **Client Consultant**

Need an intelligent Client

Problem of multi-headed Client

Consultant needs to manage expectations

Rigidity of financial year (everything rushed at end)

Frome and Avon is a possible way forward (up to 5 yrs funds)

Procurement can cause delays

Seasonality and issue

#### **Consultant/ Contractor**

ECI seen as a good thing (ideally same contractor for continuity)

Lowest price often wins

Contractor needs to be flexible (adaptive management). Less emphasis on variation/ compensation events

Frameworks are inflexible – need the right contractor for the job

Often contractors not used to river restoration are provided (e.g. Minor Works Framework of EA)

Specifications need to be provided and tweaked on site (designer in clerk of works or similar role).

#### **Solutions**

Understanding of risks and uncertainty

Setting criteria for success

More flexibility (all round)

Improved communication

Getting the right team from the start

Worry about Big Society and possibility of restoration moving backwards by 10-20 yrs

### **Toni Scarr's notes**

Summary of talks

Summary of round table discussions

- No 1 issue was associated with timing and getting the contractors on board earlier

Products

Can be issues with quality (Don't use coir rolls with nylon as they are risky for small mammals and birds; poor quality recycled material from furniture; not grown up well; invasive species on the products)

Need time to source the natural products

Sourcing is important; right plants in the right place

They are hard to specify e.g. clean gravels could mean anything

Good quality insulation is key.

Do we always need to plan – Denmark don't both but we have a more landscape architect background.

Solutions

Inspect products

Check small quantities prior to a large deliver

Quality control

Plan your lead in time

Use experienced contractors with a good relationship with contractors.

Small industry some of these problems will not be solved until production is on a large scale.

Acceptability of products

EA makes adhoc decisions based on prejudices (e.g. trees in the watercourse is fine in Thames and Southern but not in Anglian region or Ireland)

Procurement

Sustainability issues - Client should look at what is available locally. However large frameworks do not support this approach

#### Legislation

Waste legislation is very restrictive

As the EA moves to national decisions they are much more arbitrary.

#### Monitoring

We need post monitoring to provide evidence for the effect of the scheme

We need a long term view

The price for this should be included and be for at least 5 yrs – use a commuted sum; identify money for snagging/ tweaking; look at the way this is done for tree planting as it is similar.

#### Risk

Engineers want to keep doing things the same way

#### Solution

We need the same engineering information/ BS standards for bioengineering/ natural products

Trial different products prior to full installation (the Olympic site was able to do this)

#### How the workshop will help RESTORE

- use monitoring forms to get a better understanding of the value of the workshop
- gain knowledge from practitioners to help influence and inform other events with a different focus e.g. engineers/ planners
- we need to know what they will do to disseminate this information

#### Key issues/ quotes

- timing
- sourcing
- sustainability
- appropriateness/ acceptability
- maintenance
- risk
- legislation

- evidence/ monitoring
- objectives
- experience
- early involvement
- dialogue
- funding
- RR art informed by science
- Getting every-one on board
- Acceptance of natural processes

#### Actions

- Newsletter
  - James King newsletter article/ case studies – influence on what! - Toni to write to him . Irelands development of WFD and its delivery. = RESTORE Newsletter: September.
- James King – cross- boundary workshop and also Belguim Repulbic of Ireland how to deliver the WFD. 2012
- Process development
  - Develop a consents process Look at Karen White’s process can RESTORE expand on this
  - Look at Jenny’s guide for waste legislation

Ask Karen White are you are in this is an issue elsewhere, the Andrew Brookes - Di Hammond, NCPMS and NEAS Toni Scarr and get Jenny Wheeldon’s stuff - Consider reviewing the uncertainty. Review information.
- Ciria/ NBS for specifications – maybe get them on board for specification – recontact CIRIA – what are your plans for the future ..... provide the output of workshop

How to influence DEFRA on multiple yr funding through RESTORE.

Feedback contractors concerns to support the catchment fund. Ask Martin to do this. Rory Wallace.  
1<sup>st</sup> Send him a summary – Tori Scarr.



Landuse planners ( including local authorities) - start with our partners – this issue related to planning. Note RBM to deliver. Toni Scarr to Richard Whittaker - (Ian Barker Head of Land and Water).

- LGN – check the resource through RRC – James Holloway. May be add article - RRC
- Professional newsletter – journal of planning???? - Toni to check this.

Other events to target to get to people who are not interested in River Restoration – e.g. engineers, planners, local authorities, riparian landowners.

This was brought to the table at the workshop. People to send us events we can target for those not involved in River Restoration. – Get this feed back as part of the review.

- find out about the rivers trust AGM – RRC
- CIWEM events
- DEFRA rivers conference

ECI - EPCRS – and Landscape framework - need to find out when frameworks are to be reviewed and how can we identify a subset for WFD/RR of consultants and contractors and expertise - Toni to ask this question to NEAS – Ross Marshall . And asking the right questions for the contractors.

Germany – who does the work in Germany? Toni Scale

Austria – Vienna -

Help to reform the Danish river restoration centre – exchange?

## Appendix E – Feedback Forms

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop - River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Shaun Leonard

Organisation Wild Trout Trust

Job Title Director

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### How will the workshop change your river restoration working practices?

Importance of ECI

Value of Communication

**From attending the workshop have you gained new river restoration contacts? Y/**

If Yes, How many? 10

How do you think you will find these contacts useful in the future?

Names to faces: this will make subsequent (and in date cases ongoing) collaboration in enhancement/restoration projects

### What new knowledge have you gained from attending the workshop?

Requirement of CDM

Some of the difficulties(+solutions) faced by consultants + contractors

**Are you willing to help disseminate information gained at the workshop** Y/

**If so how would you do it and to what type of organisation?**

WTT website?

Piece for newsletter?

Type: conservation charity

Maybe a piece for an annual May though not June we can produce a significantly meaty article

**Do you think that some of the outcomes from this event should be included in policy? Y/**

**If so which ones?**

The need for EA to be less risk averse

Need for spend on a project to span>/financial year

**Are there any themes or topics you would like to see presented at future workshops?**

Maybe we should be trying to understand the pressures faced by EA staff: a dialogue with EA (+maybe NE) so they appreciate the pressures face by consultants + contractors + me theirs. Our group discussed what we want of EA in terms of less risk aversion-how will they ever know this if we don't tell them?

**Are you interested in being involved with future RESTORE activities/events?** Y/

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Jenny Wheeldon

Organisation NE/EN

Job Title River Restoration Specialist

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How will the workshop change your river restoration working practices?

I intend to feed the main outcomes into EA FCRM/FRB+NE national for action

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 5

How do you think you will find these contacts useful in the future?

Will be working with them all in the UK in the next couple of months in delivering river restoration plans

What new knowledge have you gained from attending the workshop?

More clarity on the issues which I need to raise/push nationally

Are you willing to help disseminate information gained at the workshop Y/

If so how would you do it and to what type of organisation?

EA/NE River Trusts direct mail out & discussion

Do you think that some of the outcomes from this event should be included in policy? Y/

If so which ones?

RR Framework contractors

Standard specs for some materials/elements

More than 1 year funding + programme

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y/

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name David Corbelli Organisation Cascade Consulting

Job Title Principle Scientist

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How will the workshop change your river restoration working practices?

Increased knowledge available to me

Extended list of networks to work with and seek advice from

From attending the workshop have you gained new river restoration contacts? Y/

If Yes, How many? 10 plus

How do you think you will find these contacts useful in the future?

(Yes very useful) – pursuer collaborative opportunities

Exchange a share expertise

What new knowledge have you gained from attending the workshop?

Further knowledge on details of bioengineering and practice

Are you willing to help disseminate information gained at the workshop Y/

If so how would you do it and to what type of organisation?

Water companies

Other consultants and contractors

Academics

Local authorities

Do you think that some of the outcomes from this event should be included in policy? Y/

If so which ones?

Environmental outcome measures for FCRM

Clarity from DEFRA + CLG on local authority role in restoration leading to direction to LAs

R+D support for river restoration (£ or Euro!)

Several other areas (please contact for views)

Are there any themes or topics you would like to see presented at future workshops?

Links to natural flood storage policy

Restoration as a cheaper alternative to amending abstraction licences

Are you interested in being involved with future RESTORE activities/events? Y/

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Any further comments?

Involved in active research on River restoration decision support + policy development so been to link into Restore where appropriate.



# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name *Sally German* Organisation *Arup*  
Job Title *Senior Fluvial Geomorphologist*

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How will the workshop change your river restoration working practices?

To try and insist on using specialist contractors where possible and to engage them as early as possible (as ECI if I can)

From attending the workshop have you gained new river restoration contacts? *Y/*

If Yes, How many? *1-2*

How do you think you will find these contacts useful in the future?

Possible contractors for river restoration projects

What new knowledge have you gained from attending the workshop?

Understanding of shared problems and issues. Better understanding of contractor issues

That RESTORE can help!

Are you willing to help disseminate information gained at the workshop Y/

If so how would you do it and to what type of organisation?

Internally within Arup and any clients we work with -

Water companies/local authorities/private developers/EA local staff(WEAS/NCPMS/fis  
leies)

Do you think that some of the outcomes from this event should be included in policy? Y/

If so which ones?

River Restoration Contractor Framework

CIRIA type guide for River Restoration Techniques

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y/

Although should probably contact David Hetherington if after Sept this year

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Tore Bro

Organisation Bangsguard & Paludan

Job Title Hydraulic Civil Engineer

---

How will the workshop change your river restoration working practices?

I'll be more attentive to share why river restoration is difficult. Gained new knowledge concerning early involvement.

From attending the workshop have you gained new river restoration contacts? Y/

If Yes, How many? 3

How do you think you will find these contacts useful in the future?

Knowledge sharing perspective information, possibility to share how Denmark restores rivers

What new knowledge have you gained from attending the workshop?

Early involvement, rigid English frameworks, uncertainty issues

Goal/risk assessment

Are you willing to help disseminate information gained at the workshop N

If so how would you do it and to what type of organisation?

I'd like to be able to distribute the restore 'guidelines' to Danish organisations if I can find an economic 'feasible' way

Do you think that some of the outcomes from this event should be included in policy? Y/

If so which ones?

Seminar afternoon arrangements for municipalities organisations

Are there any themes or topics you would like to see presented at future workshops?

Uncertainty enlightenment

Are you interested in being involved with future RESTORE activities/events? Y/

Difficult from Denmark but interested

---

Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Nic Jackson

Organisation Land & Water Supplies

Job Title Contracts Engineering

---

How will the workshop change your river restoration working practices?

More care will be taken when choosing sub-contractors

Look at projects completed historically to observe and make comparisons between successful and failed projects

From attending the workshop have you gained new river restoration contacts? Y/

If Yes, How many? 2

How do you think you will find these contacts useful in the future?

Hopefully call upon their expertise in the future. Good to get a rounded view of those highly opinionated individuals

What new knowledge have you gained from attending the workshop?

A lot of new ideas and different approaches to projects & management of projects

Points have been raised regarding EA procurement, I wrongly assumed this problem wasn't as widespread

Better insight to weighing up cost vs Quality

Took the time to think about options/possibilities I hadn't previously considered

Are you willing to help disseminate information gained at the workshop Y/

If so how would you do it and to what type of organisation?

EA-I would suggest a database available to all contractors on the framework. This database should not only include materials but also ideal habitat conditions. This would not only ensure correct methods are employed during construction but will also reduce cost due to a simplified tender process (rather than energy job being treated uniquely) Other advantages include increased environmental gain from each project as advantages include increased environmental gain from each project as it would meet all of the goals set out at the beginning of the job by client.

Do you think that some of the outcomes from this event should be included in policy? Y/

If so which ones?

ECI Compulsory

Database for contractors on framework

Post project completion monitoring

Are there any themes or topics you would like to see presented at future workshops?

I think monitoring of past projects is crucial to determine what has only been a success and what simply is just structurally sound. From this data we will learn a great deal on environmental impacts of particular actions. This is currently not adopted and if it is, not utilised.

Are you interested in being involved with future RESTORE activities/events? Y/

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Any further comments?

Problem

EA - Environmental Scientist

Contractor - Civil Engineer

This is the typical scenario, primarily due to interest & through education you HAVE to choose a particular route. No institution educates people about soft engineering, incorporating the most important aspect from each discipline shown above. Either Very soft or Very Hard

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Peter Easton

Organisation Cain Bio-engineering

Job Title Senior Consultant

---

How will the workshop change your river restoration working practices?

From attending the workshop have you gained new river restoration contacts? Y/

If Yes, How many? 6

How do you think you will find these contacts useful in the future?

New Ideas

What new knowledge have you gained from attending the workshop?

There is a wider understanding that EA frameworks not ideal for River Restoration Projects

Are you willing to help disseminate information gained at the workshop Y/N

If so how would you do it and to what type of organisation?

Not Sure

Do you think that some of the outcomes from this event should be included in policy? Y/N

If so which ones?

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y/N

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Any further comments?

Avoid A spec. too prescriptive. A materials guide maybe (ex member of BSi + European Standard committee) ask me for details



# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Karen White

Organisation Royal Haskoning

Job Title Principle River Scientist

---

How will the workshop change your river restoration working practices?

Not sure, will make me think a bit more about certain issues

From attending the workshop have you gained new river restoration contacts? Y/

If Yes, How many? 2 and caught up with existing ones

How do you think you will find these contacts useful in the future?

Very useful – including those already know and looking to develop partnerships for upcoming work related to WFD

What new knowledge have you gained from attending the workshop?

Some of the issues that contractors face that I didn't understand the full picture.

Are you willing to help disseminate information gained at the workshop Y/

If so how would you do it and to what type of organisation?

Circulate the outcomes of the workshop with our rivers team

Speak to our EA clients PMs

Type of organisation is consultancy

Do you think that some of the outcomes from this event should be included in policy? Y/

If so which ones?

Early contractor involvement

Improving the tendering process

More events like this!

Are there any themes or topics you would like to see presented at future workshops?

Specifications (what should be included for river restoration)

Are you interested in being involved with future RESTORE activities/events? Y/

---

Any further comments?

A good workshop, would have been good to have a few more 'restoration cliens' in the audience who can take on board the comments and apply it. Probably a case of people being busy! It is difficult to get people to think of solutions rather than focusing on problems - not an easy task and I don't envy you. I think RESTORE is a great opportunity to initiate some changes in the industry and I am happy to help in any way I can.

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name James King

Organisation Inland Fisheries Ireland

Job Title Fisheries Biologist

---

How will the workshop change your river restoration working practices?

Possibly by including awareness of other possible stakeholders, inclusion of their issues into design

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 2-3

How do you think you will find these contacts useful in the future?

Information/expertise exchange UK/Denmark/Ireland

What new knowledge have you gained from attending the workshop?

Reference of soft engineering options in high gradient channel

We all share the same problems! Similarity of experiences etc

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

IFI will be pushing ? EREP messages? In ? - and where ever else invited. EREP parallels River Restoration but in context of ? ? channels

Do you think that some of the outcomes from this event should be included in policy? Y/N

If so which ones?

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Jason Winslow

Organisation Alaska Environmental

Job Title Site supervisor

---

How will the workshop change your river restoration working practices?

Much more aware of other 'ingredients' to river restoration design. Very useful to hear the views and approaches to project design from engineers/consultants. I don't think it will have an immediate effect on working practice, but ideas discussed certainly would put if put into motion.

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 5+

How do you think you will find these contacts useful in the future?

I am relatively new to the industry, so all contacts are useful

What new knowledge have you gained from attending the workshop?

A great deal of information about the RESTORE project

Are you willing to help disseminate information gained at the workshop

N

If so how would you do it and to what type of organisation?

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

- Early contractor involvement
- Multiple years finding to allow certainty and maximise working time on the ground
- Standardise spec for common materials used in restoration (where applicable !!) i.e. river gravels etc – things that are not site specific/variable or give flexibility in spec

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events?

Y

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name David Fraser

Organisation APEM

Job Title Principal Aquatic Ecologist

---

How will the workshop change your river restoration working practices?

More likely to seek early contractor involvement (ECI) for projects in which APEM is involved

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 5

How do you think you will find these contacts useful in the future?

Several contacts made in technical areas complimentary to APEM's, which may provide collaboration opportunities in the future

What new knowledge have you gained from attending the workshop?

Better understanding of the client/consultant/contractor ideas and relationships and associated challenges

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

I am open to suggestions

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

EA needs to be able to access full spectrum of consultants and contractors – not just NEECA

Are there any themes or topics you would like to see presented at future workshops?

Flood risk - as it seems to have such a large (?) bearing on projects

Are you interested in being involved with future RESTORE activities/events? Y/N

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Any further comments?



# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Nick Mott Organisation Staffordshire Wildlife Trust  
Job Title Senior ecologist (wetlands)

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How will the workshop change your river restoration working practices?

- Review H & S procedures
- Review tendering process
- Check information tool on RESTORE website

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 3-5

How do you think you will find these contacts useful in the future?

- River Mease SAC
- Tendering

What new knowledge have you gained from attending the workshop?

- Irish WFD delivery on arterial rivers
- Situation with WFD in the Netherlands
- RESTORE process



- Possibility of using EA ops delivery for schemes

# Restoring Europe's Rivers

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Via the Wildlife Trusts National office and UK water for Wildlife partnership (UK lead = Helen Perkins TWTs)

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

- Monitoring and after care included in river restoration schemes delivering WFD objectives

Are there any themes or topics you would like to see presented at future workshops?

Inspiring river re-habilitation schemes which have been delivered through Europe

Are you interested in being involved with future RESTORE activities/events? Y

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Any further comments?

Suggest perhaps the list of delegates (with e-mails & where they are based) could be circulated a week or so beforehand to encourage car-sharing

- Thank you! Very well un and enjoyable workshop V much looking forward to site visits

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Aly Maxwell

Organisation EA

Job Title Water Framework Directive Delivery Team (flood Risk Management)

---

How will the workshop change your river restoration working practices?

Stakeholder engagement will become even more intrinsic throughout all parts of the project. Project team of consultant and contract is important and will determine how best to create within EA frameworks and restrictions in place i.e. no design and build allowed? More ECI. Need to make objectives understandable

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 10

How do you think you will find these contacts useful in the future?

Sharing knowledge on similar projects – pros and cons, lessons learnt

What new knowledge have you gained from attending the workshop?

How much consultants and contractors appear to want to work together through ECI

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Internally - team talks / site visits

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Changing the restrictions, funding and construction windows

Are there any themes or topics you would like to see presented at future workshops?

Experience on types of work complex. i.e. weir removal . How to 're-educate' stakeholders make the vision understood

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

Very worthwhile workshop , opening up to farmers and fishing clubs would be useful

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Jim Wreglesworth

Organisation EA (Blandford)

Job Title OPS Delivery (technical support)

---

How will the workshop change your river restoration working practices?

Increase enthusiasm to get as involved as possible in future projects – particularly those linked with WFD on Hampshire Avon project

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? lots

How do you think you will find these contacts useful in the future?

Where to go for advice both in terms of technical design and also project management

What new knowledge have you gained from attending the workshop?

There are probably more specialist contractors doing this type of work than I previously thought

Are you willing to help disseminate information gained at the workshop

N

If so how would you do it and to what type of organisation?

Do you think that some of the outcomes from this event should be included in policy? Y/N

If so which ones?

National contract for WFD contractors

Are there any themes or topics you would like to see presented at future workshops?

Conflicts of interest within a project. Typically this could be species conflicts in terms of habitat requirements or predation issues

Are you interested in being involved with future RESTORE activities/events?

Y/N

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Any further comments?

It was a bit of a shame that, in a room full of folk from all over the country, I was put at the same table as just two others - both from the EA

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Roel Knoben

Organisation Royal Haskoning (Neth)

Job Title Senior consultant water systems analysis

---

How will the workshop change your river restoration working practices?

- A better understanding of coping with risks by contractors
- Process from vision to ground work

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 5

How do you think you will find these contacts useful in the future?

Indirectly through UK colleagues

What new knowledge have you gained from attending the workshop?

- I learned a lot of differences in implementing river restoration in the UK and NL
- Risks of soft engineering, liability
- Contracting and procurement habits in the UK



Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Pass through information to colleagues who are involved in river restoration

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Changing annual budgeting

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Nick Ellis

Organisation Capita Symonds Ltd

Job Title Principal Ecologist

---

How will the workshop change your river restoration working practices?

Adaption of approach to involve the 'project team' at an early stage (ECI)

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 5

How do you think you will find these contacts useful in the future?

Source of interested/involved parties to liaise with in the future

What new knowledge have you gained from attending the workshop?

- Greater awareness of group concerns/issues and potential solutions
- A 'Europe' i of view/perception
- Interesting and informative case studies

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Internally, to selective members of the ecology/environmental/landscaping team

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Changing sources/mechanisms of funding to incorporate seasonally dependent/ constrained activities/consents/licensing etc

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Chris Spencer

Organisation Land and water services

Job Title Senior Site Manager

---

How will the workshop change your river restoration working practices?

Better understanding of requirements from design and consultants – hopefully they have a clearer understanding of contractors requirements

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? several

How do you think you will find these contacts useful in the future?

Exchange of information through projects and specificatins

What new knowledge have you gained from attending the workshop?

Requirements to form team environment , early planning with (ECD) consultant/contractor/client/stakeholders

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Through internal staff/workforce/sub contractors

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Specification of materials

Framework of River Restoration contractors

Are there any themes or topics you would like to see presented at future workshops?

Logistical site requirements/ process for river restoration , i.e. we know what you require, but but how long do we stand a 35 piling rig in a peat bog?

Are you interested in being involved with future RESTORE activities/events? Y

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Will Bond

Organisation Alaska

Job Title MD

---

How will the workshop change your river restoration working practices?

Hopefully it will promote changes to the culture within which we work

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? A couple plus useful renewal of contacts

How do you think you will find these contacts useful in the future?

Networking/work

What new knowledge have you gained from attending the workshop?

Learned how common the problems are from multiple perspectives

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

All those that contribute to higher quality river restoration

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y

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Any further comments?

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Robin Chase

Organisation Atkins

Job Title Principal River Consultant

---

How will the workshop change your river restoration working practices?

Not much – its confirmed that I'm generally following best practice.

Work closer with clients to establish program of works over several years – subject to funding

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 6

How do you think you will find these contacts useful in the future?

Sharing knowledge and possible work opportunities

What new knowledge have you gained from attending the workshop?

That problems of procuring correct specialists is Europe wide



Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Short seminar session to river restoration colleagues

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Establish river restoration contractor framework

Establish river restoration specifications

Are there any themes or topics you would like to see presented at future workshops?

Specifying river restoration works

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

A specification for Large Woody debris

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name *Celine Gallay*

Organisation *Halcrow*

Job Title *Senior Engineer*

---

How will the workshop change your river restoration working practices?

Take into account adequateness of products with site

DRAFT

From attending the workshop have you gained new river restoration contacts?

Y

If Yes, How many? *2-3*

How do you think you will find these contacts useful in the future?

T

What new knowledge have you gained from attending the workshop?

Common challenges for all

Involve more contractors in design

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Within Halcrow and to EA clients not at workshop eg Paul St Pierre at the EA in Wallingford

Do you think that some of the outcomes from this event should be included in policy? Y/N

If so which ones?

Are there any themes or topics you would like to see presented at future workshops?

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

It would have been good to have more EA project managers/clients involved

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Chris Bridges

Organisation Environment Agency

Job Title OPS Delivery Technical Support Engineer

---

How will the workshop change your river restoration working practices?

Awareness that information, advice is available

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 3

How do you think you will find these contacts useful in the future?

As I am due to retire from the EA. I still want to be actively involved in the type of work I am currently doing

What new knowledge have you gained from attending the workshop?

There are others like me that need to be updated on the work of the RRC

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

With the Environment Agency until I leave. Then with my local authority as I am currently a Parish Councillor.

Do you think that some of the outcomes from this event should be included in policy? Y/N

If so which ones?

Only if this is the only one and not being duplicated by other similar organisations

Are there any themes or topics you would like to see presented at future workshops?

Local conditions used for local works. Break up restoration contracts that are not cost effective

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

A wireless mike might have been useful for the quieter speakers, especially with the air conditioning in working mode

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Anthony Stiff

Organisation Anthony Stiff Ass:

Job Title Director

---

How will the workshop change your river restoration working practices?

Emphasises the need for clear communication and understanding of project aims, benefits of early contractor involvement

From attending the workshop have you gained new river restoration contacts? Y/N

If Yes, How many? More renewing contacts

How do you think you will find these contacts useful in the future?

Potential suppliers/contractors/clients

What new knowledge have you gained from attending the workshop?

Bits and pieces but all useful to keep up 'client' knowledge. Great to renew contacts and get an overview of the key issues that commonly crop up and how they should/could be addressed. RR is complex and there are often not simple answers

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Potentially could disseminate info via the Landscape Institute South east Region

Do you think that some of the outcomes from this event should be included in policy? Y/N

If so which ones?

Potentially but need to define at what level and would need much more thought.

Are there any themes or topics you would like to see presented at future workshops?

Possibly contractual arrangements, tendering methods, level of information, forms of contract.

Technical issues bank treatment alternatives etc - performance over time too of these techniques would be good to know too

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

Good format to day

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Howard Wilcox

Organisation Mott McDonald

Job Title Graduate Landscape Architect

---

How will the workshop change your river restoration working practices?

Its clear that it is an area of design/construction I would like to go into. As a graduate landscape architect I have had no experience to date.

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 4

How do you think you will find these contacts useful in the future?

Advise and support

What new knowledge have you gained from attending the workshop?

An understanding of ECI and how consultants are not necessarily best placed to advise on design. How the EA process works and the ? contractors are to obtain the work. Questions asked are somewhat irrelevant and therefore the best placed contractors/consultant may not get the work.



Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

CDP to motts invitation to EA to come and advise us on restoration matters

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Small projects client go direct to contractor ask the right questions to get correct experience

Larger schemes have interviews and presentation to gain best contractor/consultant to see philosophy and experience etc

Do we need frameworks?

Make things regional

Are there any themes or topics you would like to see presented at future workshops?

Urbanised rivers how to restore urban rivers

Flooding and design possibilities

SUDs

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

As a graduate I am fresh and have very little knowledge and perhaps will be able to learn the best products to deliver good project outcomes

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Vaughan Lewis

Organisation Windrush AEC Ltd

Job Title Director

---

How will the workshop change your river restoration working practices?

Uncertain!

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 3

How do you think you will find these contacts useful in the future?

Hopefully they will present some more opportunities for work contracts

What new knowledge have you gained from attending the workshop?

An insight into the difficulties of convincing people of the need to change the policy of the larger clients with regard to procurement, frameworks etc etc

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Via the network of Rivers Trusts, Wild Trout Trusts and other 'Third Sector Providers'

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Changes to procurement and policy to better reflect the requirement (risk) of the job. Eliminate some of the less useful forms (assessments, Environmental assessments etc) and replace with a short presentation of interview

Are there any themes or topics you would like to see presented at future workshops?

Whole catchment land management. We keep missing an opportunity to highlight the controlling influence of land use practices (i.e. agriculture and forestry) on river processes and river restoration

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

Good format, well executed and very good value. Well done all

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Andrew Brooks

Organisation Jacobs

Job Title Div Director, River Restoration Head

---

How will the workshop change your river restoration working practices?

Excellent networking – learned a lot that can be put into practice immediately

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 5

How do you think you will find these contacts useful in the future?

Very useful – excellent to have contractors and European contacts

What new knowledge have you gained from attending the workshop?

Lots – especially on contractor issues – will help me see the world differently

Are you willing to help disseminate information gained at the workshop Y

If so how would you do it and to what type of organisation?

Within Jacobs

Webex in Jacobs a different? Type of contracting? And of WFD opportunities

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

Review of Frameworks nationally and internationally

Are there any themes or topics you would like to see presented at future workshops?

Monitoring

Are you interested in being involved with future RESTORE activities/events? Y

---

Any further comments?

Excellent event - will help with day job

# Restoring Europe's Rivers

## Feedback Form: RESTORE Workshop – River Restoration Design and Construction Wednesday 13<sup>th</sup> July 2011

Name Richard Edwards

Organisation Salix

Job Title Commercial Manager

---

How will the workshop change your river restoration working practices?

Try and improve communication between all parties at an early stage

From attending the workshop have you gained new river restoration contacts? Y

If Yes, How many? 2

How do you think you will find these contacts useful in the future?

Potential for the consultants we met to specify our solutions which may lead to a project.

What new knowledge have you gained from attending the workshop?

I don't think I learnt anything new particularly. What it did do is emphasise all the issues we already knew existed.

Are you willing to help disseminate information gained at the workshop

Maybe

If so how would you do it and to what type of organisation?

Sorry. Don't understand the question.

Do you think that some of the outcomes from this event should be included in policy? Y

If so which ones?

There needs to be a separate framework for specialist river work rather than standard civil contractors tendering for the works. If nothing else, a PQQ should be sent out for specific projects and those companies that meet the criteria with regards relevant work experience are invited to tender.

Large FAS schemes will always be done by the big boys but specific restoration works should always be done by specialists.

Are there any themes or topics you would like to see presented at future workshops?

Bioengineering techniques (it would be interesting to hear from both a consultant and contractor point of view)

Specific case studies with an emphasis of construction techniques used rather than a general overview and how those solutions performed plus a question and answer session (as above)

Are you interested in being involved with future RESTORE activities/events? Y

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Any further comments?

The venue was excellent.

There needs to be more involvement from larger contractors such as the main framework contractors. E.g J Breheny, Interserve, Volker Stevin etc. Plus the minor framework contractors. These people are vital.