

2017/18 Integrated Catchment Delivery events

London Freshwater Group – what, why, your ideas?

10 November 2017



Photo 16, 17 September Thames bypasses visit – Arborfield weirs, wet woodland and nature-like bypass

“Please let me know if I can do anything to help this engaging approach to water and flood management in parliament or locally (words to similar effect)” John Redwood, Conservative MP

Dom Martyn 07795 333 157, voluntary programme manager on behalf of a very informal planning group
dominic.martyn@environment-agency.gov.uk Water, Land and Biodiversity, National Operations,
Environment Agency

Purpose

- Build future relationships between communities, institutes and partnerships
- Share evidence on integrated catchment delivery, what this looks like and help embed learning at a catchment scale

“Looking forward to seeing you there!” Anne Wheeler Chair Severn and Wye Regional Flood and Coastal committee – Programme Sponsor



Severn and Wye and Thames Regional
Flood and Coastal Committees



Institute of Fisheries Management



What?

- 14 days +
- Visiting 12 catchments across 8 counties in England
- Exchanging practice and costing lessons learnt
- Information on <http://www.therrc.co.uk/201718-free-joint-events-integrated-catchment-delivery>
- Events on: natural flood management, soil re-building, payments for ecosystem services, connecting people, wildlife and habitats - bypass channels and removing weirs, sustainable cities and growth
- >300 people attending 5 events. Growing programme due to appetite, total value > £200k. Aiming to make all events FOC to attract and inspire unusual people.

Why?

- Your feedback during RBMP and Catchment Plan consultations, observations from 15 years working with professional institutes and water governance groups
- Embedding learning from climate adaptation and systems governance (CADWAGO) to bring people together to share problems and opportunities early and connect silos

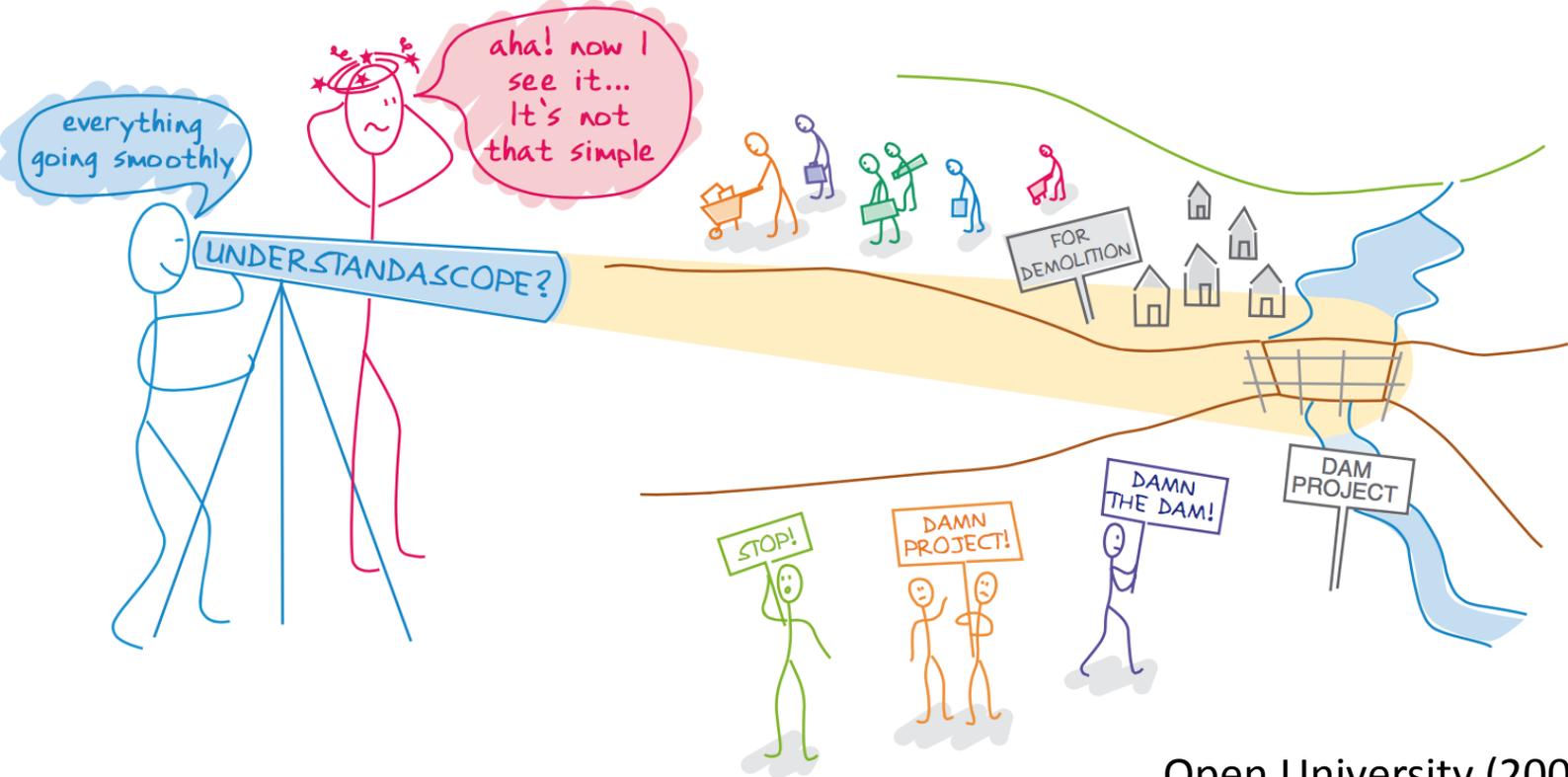
Why? Economic case for integrated approach – costing lessons learnt

Warning!!! Estimates only but based on real life examples

Lesson	Cost low k	Cost high k
<u>Total cost (k) of lessons learnt below each year or so (estimation only):</u>	<u>528</u>	<u>3624</u>
funding timescales and working in winter	25	30
farmer workshops, comms and benefits clear	5	5
duplicating visits	15	35
mixed messages: impact on community and partners	25	200
volunteers	30	80
aligning plans	50	1,000
workshop timings (not when community can make it)	5	9
workshops: locations (external neutral), paid for, open to all	3	10
comms, social media and website	5	10
.Gov being decent	20	20
catchment plans as local authority planning documents	50	1,000
water company business plans outcome focused, ways of thinking	50	500
EA policy on permitting more flexible	100	500
upstream thinking minimising capital works/treatment		
project appraisal - academic partnerships	25	25
project appraisal - resolving adopting lessons learnt	20	100
maintenance programme and communications	100	100

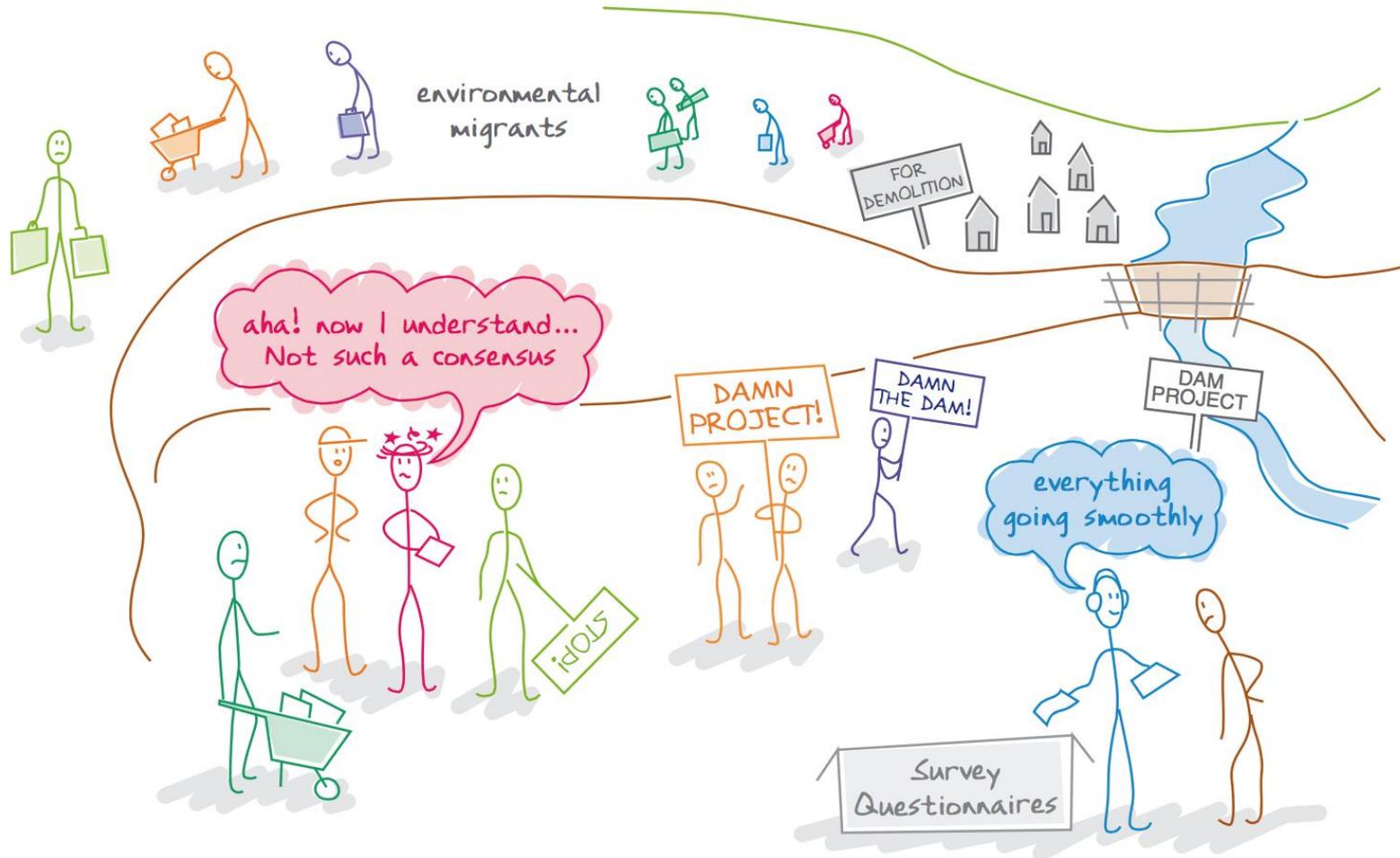
Please note the group did not discuss adopting catchment based approach which may save significant costs due to one place for discussion and partnership.

Climate Adaptation and Water Governance: Seeing the bigger picture?



Open University (2006)

Constructive engagement with multiple perspectives? So we could join our groups up...



Integrated Catchment Approach everyone's important



Events

21st March 2017 Farming and water management: Richard Macdonald, Deputy Chair, Environment Agency. Institute of Agricultural Management - *completed*

15th and 16th September 2017 Thames channels visits for flood management, hydropower and wider ecosystem services. Institute of Fisheries Management

Farming and land management site visits

- **June 2017 [Upper Thames Payments for Ecosystem Services Pilot and rebuilding organic matter in soils](#).** Upper Thames Catchment Partnership Jenny Phelps and Rob Richmond Farmer and Nuffield Farming Scholarships Trust - *completed*
- **October 2017 [Stroud District Council Natural Flood Management](#).** Severn Vale Catchment Partnership and Stroud District Council
- **Spring 2018 [Evenlode Natural Flood Management](#).** Evenlode Catchment Partnership
- **Spring 2018 [Loddington Farm Lincolnshire and Northants Water Friendly Farming project](#)** Freshwater Habitats Trust
- **Spring 2018 [Thames River of Life agriculture diffuse pollution and wetland project](#);**
- **Date TBC Thame Livestock project, Thame Conservation Trust**

21 March 2017 Water and farming, Institute of Agricultural Management



29 June Herbal leys re-builds soil

Upper Thames



15, 16 September - Thames bypasses –
we saw 7 constructed schemes...



Visiting constructed channels – only 1 of 7 designed in quantified lost fish spawning grounds = future opportunity



13 October Integrated Catchment Delivery events 2017

Stroud rural SuDs visit 13 October



Gulley stuffing! Accessible measures...



Weir removals site visits

Nov/Dec tbc River Test at Bossington weir removal project during construction

Date tbc River Teise weir removal, Medway Catchment Partnership

10th November 2017 London Freshwater Group – your ideas

2018 spring tbc soils, flooding and farming workshop – for and delivered by farmers and making connections to Catchment Partnerships. Tom Ormesher Tom.Ormesher@nfu.org.uk

New tbc Sustainable cities and growth – Irwell, Medlock, Ravensbourne

New tbc Estuaries and coasts workshop

Alastair Chisholm CIWEM “These look like very valid proposals and will make interesting events, the focus is certainly highly relevant to CIWEM and our members”

Programme

Wednesday 22nd November

09:00 – 09:30 Refreshments and registration

09:45 – 10:00 Welcome and keynote speech on integrated catchment delivery, Richard Macdonald, Deputy Chair Environment Agency, Trustee Earth Trust

Session 1. Building future relationships

Chair Anne Wheeler, Chair Severn and Wye Regional Flood and Coastal Committee, Sponsor Integrated Catchment Delivery events

- 10:00 - 10:20 Climate adaptation and water governance: current status and future collaboration. Natalie Foster, Open University. Damian Crilly, Environment Agency
- 10:20 - 10:40 How the Thames floods: a view for a catchment approach. Rob Oates, Thames Regional Flood and Coastal Committee. Dave Bedlington, Environment Agency
- 10:40 - 11:00 Thames estuary and coastal waters catchment approach. Amy Prior, Thames Estuary Partnership, University College London
- 11:00 - 11:30 Q&A, discussion on barriers and solutions

11:30 - 11:50 break

Session 2. Integrated Catchment Delivery

Chair Richard Macdonald, Deputy Chair Environment Agency, Trustee Earth Trust

- 11:50 - 12:10 A whole catchment approach to flood risk management: progress and pressures. Alastair Chisholm, CIWEM
- 12:10 - 12:20 Community engagement and partnership working: time, trust and two-way communication. Phiala Mehring, Loddon Valley Residents Association, National Flood Forum
- 12:20 - 12:40 Farming, flood risk and fisheries: working with land owners restoring Scottish rivers. Clare Rodgers, Royal HaskoningDHV
- 12:40 - 13:00 Q&A, discussion on barriers and solutions

**21 March 2018 tbc Institute of Fisheries Management workshop:
bypass channels and removing weirs for flood management,
hydropower and the ecology.** Loughborough University

- Fish and ecology passage and structures, current best practice and future look. Martin Lucas, Aquatic Animal Ecology Research Leader, Durham University
- Cost effective hydropower, bypass channels and results. Darryl Clifton-Dey, Environment Agency
- Salmon to Sheffield - cultural and heritage value. Martin Slater, Environment Agency
- Landowner cost effective delivery. Pete King, South East Rivers Trust
- Removing weirs on the Irwell. Olly Southgate, Environment Agency
- Arborfield on Loddon. Dominic Martyn, Environment Agency

Feedback - first 4 events

“Very useful to meet face to face. Excellent day altogether. Many thanks”.
Michael & Jane East Farmers

“interesting to see successful schemes and schemes where there are still quite serious issues. This brought home the reality of issues landowners are actually facing” Sophie Edwards, Thames Water, Environmental Engagement Lead, C.WEM MCIWEM CENV



29 June 2017 upper Thames soils and payments for services visit

“I will use information and contacts for technical studies to implement nature based solutions.” David Ramsbottom, MICE, MCIWEM, HR Wallingford Technical Director

“I would like to arrange a farming and flood conference for landowners this winter”. Tom Ormesher National Farmers Union

“the RFCC needs to continue to be engaging to find joined up solutions that provide the maximum multiple benefits from the available public funds”. Rob Oates, RFCC member

13 October Stroud rural SuDs “Last Friday was great, thank you. Really appreciated as I learnt a great deal, keen to see applications to common land where there is plenty of space to slow the flow.” Julia Aglionby, Executive Director - England, Foundation for Common Land

16, 17 Sept Thames channels visit We're very glad you came visiting. As well as learning something, the kind compliments have actually redoubled our commitment to keeping the fish bypass at its best! Best Richard and Jenny, Landowner, Shaw Mill

“A big thanks and congratulations, great such a wide audience attended and to see a number of projects. This will certainly help direct our plans. Toby Hull, South East Rivers Trust / Wandle Trust”

“I really enjoyed it, thanks very much for arranging it all in your free time. Barbara Hammond Chief Executive Low Carbon Hub energy group.”

“Great seeing some very interesting schemes and meeting attendees. Yours sincerely, Gina Hodsman, Principal Consultant”

“What amazing days of field visits! Great to see a more natural approach evolving”. Carolina Pinto, Aplysia, Brazil, Queen Mary University London MSc and volunteer arranging the [2015 UK Brazil](#) events”

2017/18 integrated catchment delivery events

Questions:

1. Any ideas?
2. What gaps in sharing catchment learning and delivery can these help with?
3. What future relationships can we help build?
4. Can you help?
5. Recommendations?



15, 16 Sept Thames channels visit – Radcot bypass channel