

Integrated Water Management *Priorities and Direction*

Welcome to the Conference



Do you think integration is a good idea?

**Do you have good examples of integration
in practice?**

**Laura Grant CIWEM report – Your
Examples – the yellow form – Kevin**

Do you think Catchment Management is a good idea?

**Do you think we have Integrated Catchment Management for Water?
(for flooding, resources, quality etc).**

Integrated Water Management – Why Now?

SIX reasons

1. Integration is a powerful IDEA

Ideas take time to sink in

Periodic Review 14 and WFD 2015 Planning – if integration is to be any more effective than now we need to start taking steps

2. **White Paper** - > Water Regulation – an opportunity

ETC

Currently ...

We have sectoral ...

Silos - Bunkers - Boxes

No philosophical basis other than history

**Often – appears, simplistic, expensive and
ineffective**

Integration – A Philosophical Basis

The key thinking is sustainability

Integration is one of the universal principles of sustainability - page 6 of the delegate notes

Delivering Sustainability - Four basic concepts

1. **Time** – Taking the long term view [*Futurity*]
2. **Dimensions of sustainability** – Econ + Env + Social + others [Capitals]
Delivered together - *Holism, Integration*
3. **People** – Practitioners & Organisations [*Participation and decision making*]
4. **Process** - Time + Dimensions + People -> Process; [Adaptive management]

Generics – degrees of integration

How you describe integration?

People & Interactions

None

None

No integration
(single sector/working in isolation)

Communication
(Routine and forums)

Co-operation
Co-ordination
Harmonisation

Partnership

Lots

Lots



Integrating what ?



A + B [N=2] Examples: Hydro-meteorology (post the Pitt ,
Water and Energy Policy, WFD and Common Agriculture Policy

A + B + C + D – for scheme / project delivery [N = 3,4,5 ...]
Examples: Surface water Management in the Flood and Water
Management Act / SCAMP

A + B + C or Nⁿ

N could be 20-> 50 -> 180 organisational members of a Coastal Forum or
Catchment management group

Cost Benefit Analysis - One Example

Jolyon La Trobe Bateman MWH

Project: $\text{Costs} = \text{Benefits}$

Manager – *'Go and Find some more benefits'*

Solution: An integrated version of this would be:

- Find some more partners – and more benefits ...
- Partners who might be able to contribute to the costs - thus reducing yours
- So you get a decent scheme – with multiple benefits and shared costs – and a much healthier CB ratio

- Your examples – YELLOW forms
- Outputs: Key points via email Alert
- PowerPoint presentations on the CMS & CIWEM website
- Upcoming Conferences: <http://www.coastms.co.uk>

- WaPUG Annual conference Blackpool November 9-11th
- Urban River Corridors - Sheffield Nov 18th
- Marine Socio-Economics - Dec 1st - CMS
- Regulation for a sustainable water industry – CIWEM-CMS – Dec 9th
- CIWEM Rivers and Coastal Group Conference – January 27th

- CIWEM Annual Conference April 6-7th

- Valuables / Take things with you – including leaflets!
- Refreshments – outside
- Thank you to the speakers, chairmen, sponsors and all of you