



Growing
ideas
through
networks

WG 3 Establishing misalignments in riparian knowledge and priorities for knowledge conversion for enhanced management

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Outline

- Knowledge conversion groups
- Science-policy interface
- European riparian areas and policy
- Cost action CONVERGES WG3
- Questions for discussion

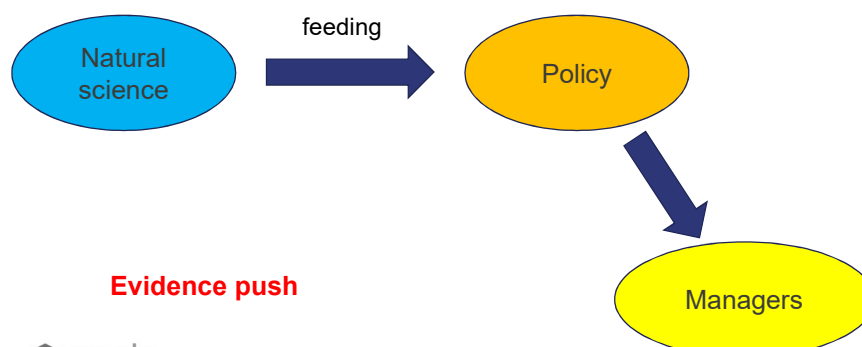


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Knowledge conversion groups

| Group | Description |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Scientist | A social or natural science researcher, technical person, or other person who provides scientific expertise on riparian area science and issue |
| Policy-maker | An elected official, politician or political advisor, or policy analyst within government or within another organisation |
| End-user (manager) | Someone who implements policy by carrying out operational procedures and making site-specific decisions |
| Stakeholder | An individual who shares specific concerns about riparian area and takes action regarding this concern with other members of society |

Knowledge conversion - option 1



Bridging the gap

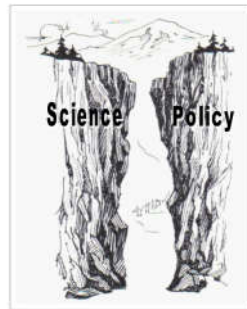
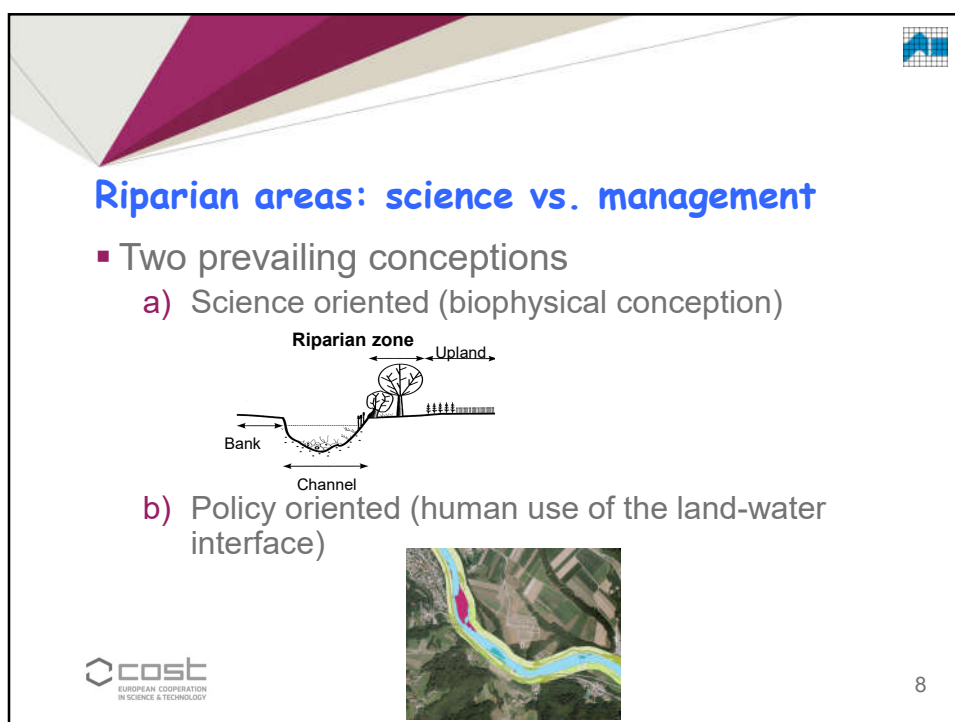
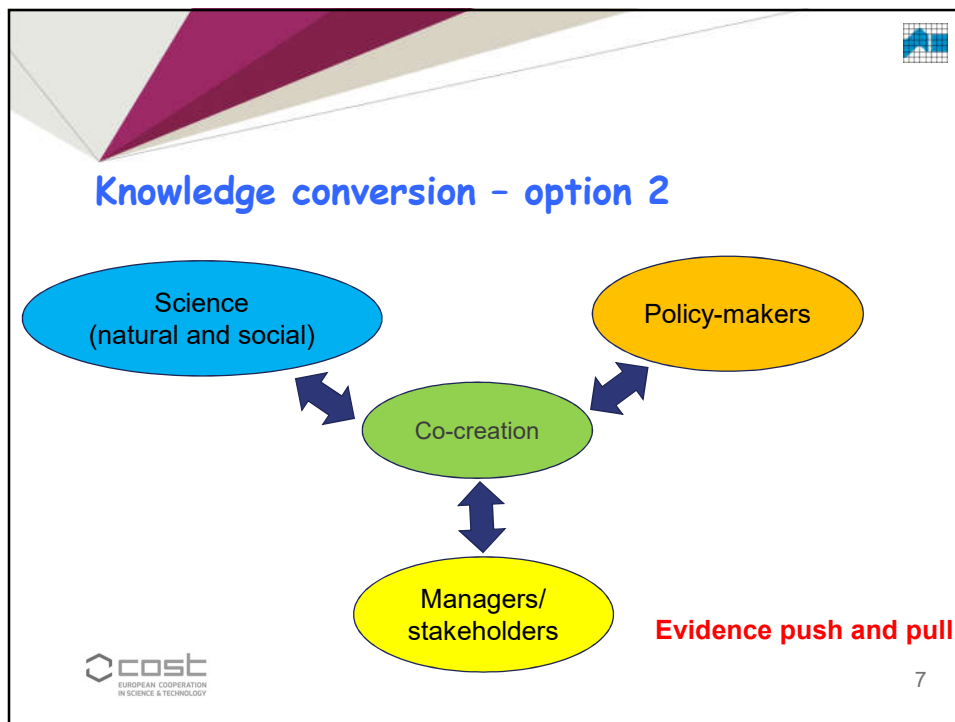


FIGURE 3
The science-policy divide
Godfrey et al. (2010)



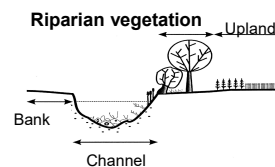
Science-policy interface

- 1) Policy derived directly from science
 - not so common
- 2) Science following policy (policy needs)
- 3) Role of science in policy development
 - complex issues
 - slow research uptake/ no science understanding
 - no time - need for decisions at time of incomplete understanding
 - need to consider other perspectives



Science oriented conception

- 1) Interdependencies among physical processes e.g. flooding and biological processes (food and nutrient exchanges)
- 2) Land and water habitats in ecologically important zones
- 3) Riparian areas delimited under this conceptions
 - Potential tree height
 - Regularly inundated floodplains
 - Vegetative species composition

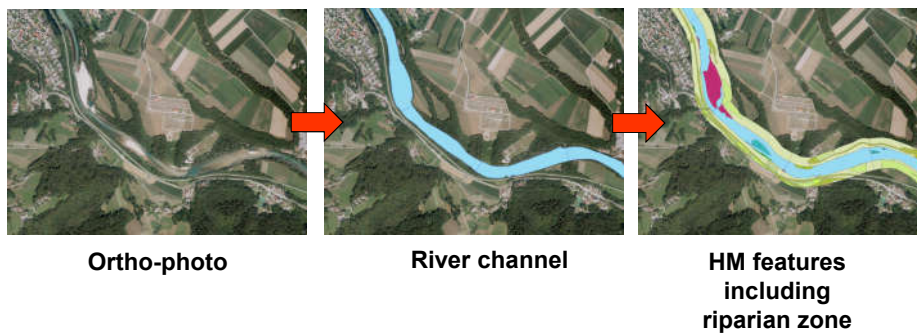


Policy (management) oriented conception

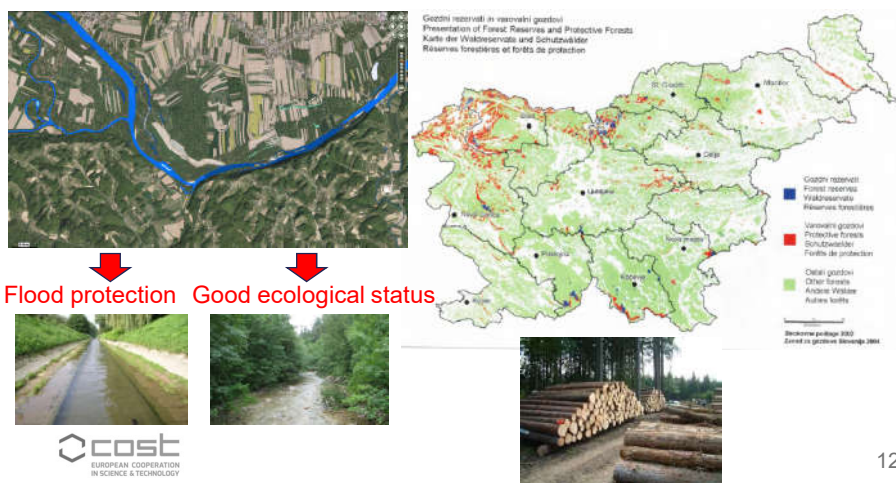
- 1) Riparian areas delimited under this conceptions
 - Ownership and parcel boundaries
 - Standard designated widths of the riparian zone
 - Tracking of policy compliance

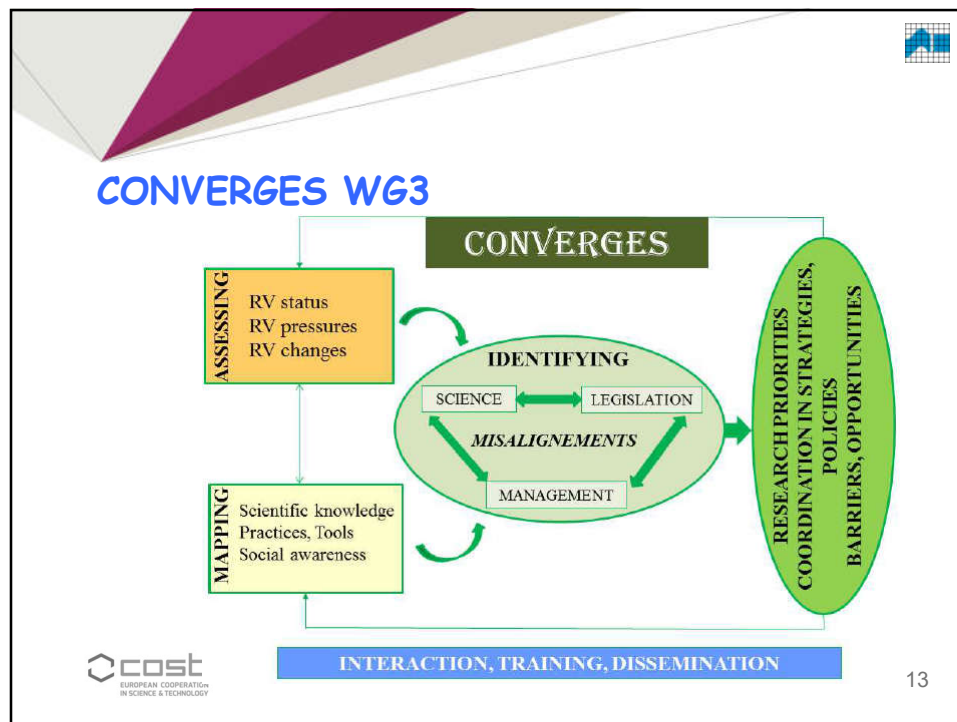


Riparian areas in water management



Water management vs. forest management





Science-policy misalignments

- Differences in current knowledge across Europe (comparability and transferability)
- Lack of effective communication and sharing of knowledge (different disciplines and countries)
- Insufficient knowledge conversion (academic to managers)
- Lack of suitable assessment tools (comparability?)
- No effective coordination or policy creation (only marginal Water Framework Directive, Natura 2000)

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CONVERGES WG3 Tasks

- T3.1 Identify research priorities, barriers and opportunities
- T3.2 Identify and overcome misalignments between science and management
- T3.3 Identify and overcome misalignments between science or management and legislation




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CONVERGES WG3 Milestones

- M3.1 STSMs to identify gaps between disciplines and regions in EU (n = 4)
- M3.2 Workshop about research gaps, tools and indicators gaps and legislation issues
- M3.3 Submission of Policy/forum paper

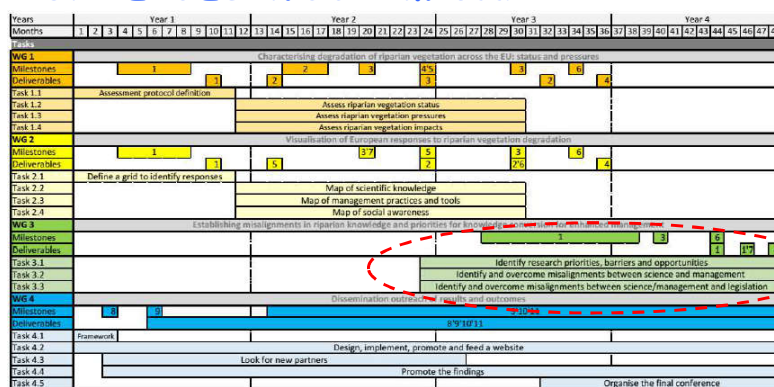


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CONVERGES WG3 Deliverables

- D3.1 User guidance (for science/management relationships)
- D3.2 Manifesto: what to include in teaching programs
- D3.3 Guidance including effective tools, indicators and legislative propositions
- D3.4 Policy/forum paper (for scientific misalignments)

CONVERGES WG3 Timescale



Milestones: 1 = STSMs; 2 = assessment; 3 = workshop; 4 diagram; 5 = training school; 6 = submission of paper; 7 = seminar; 8 = framework; 9 = website launching; 10 = conference;
11 = translation
Deliverable: 1 = guidance; 2 = report; 3 = graphic; 4 = paper; 5 = bibliography; 6 = synthesis; 7 = manifesto; 8 = website; 9 = videos; 10 = skill database; 11 = conference proceedings

Questions for discussion

- 1) What is the main role of riparian area science in the environmental issues (management) in the future?
 - To elevate scientific and/or public debate?
 - To reveal political inconsistencies?
 - To give a definitive advice (for policy)?
- 2) What should be our (CONVERGES) role in the riparian areas science-policy relationship (interface, bridging gap)?
 - Science following policy, science driving policy or
 - Complex interactions (following+driving)?
- 3) What can we (CONVERGES) contribute to future riparian areas policy?
 - Guidances
 - Indicators, assessment /management tools
 - Legislative



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