#### Growing ideas through networks

Cost CONVERGES WG 3 Establishing misalignments in riparian knowledge and priorities for knowledge conversion for enhanced management Bridging the gap!

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## Bridging the gap

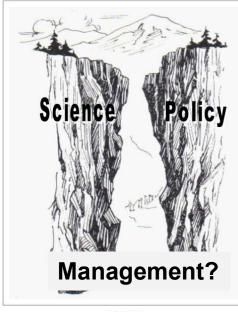


FIGURE 3 The science–policy chasm

Godfrey et al. (2010)





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## Bridging the gap





**Riparian zones** 



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## Bridging the gap in reality

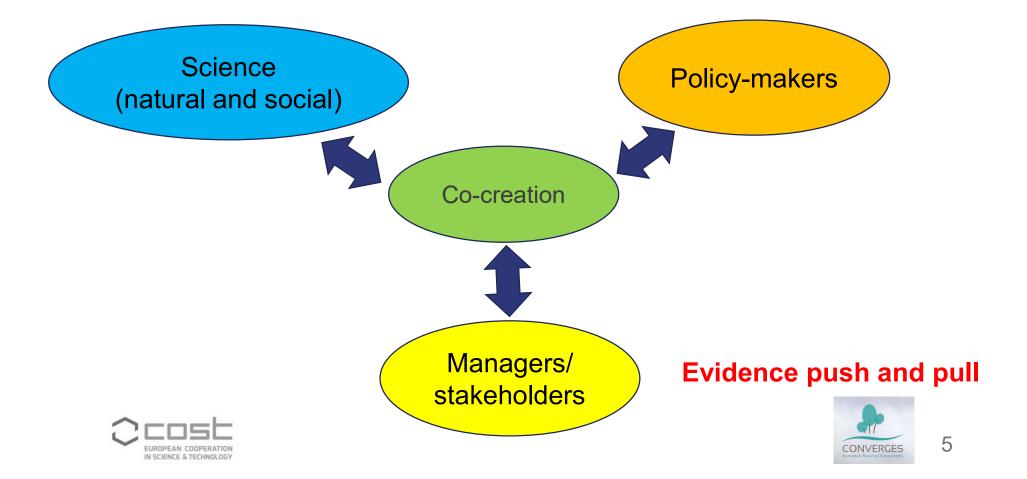




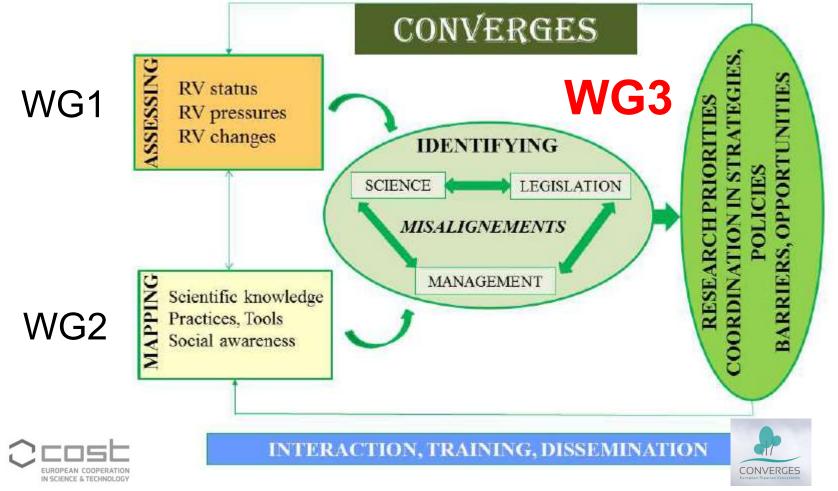




#### Knowledge conversion for enhanced management



#### CONVERGES WG3 vs. WG1 and WG2



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#### CONVERGES WG1 and WG2 input to WG3 - present conditions

- Science (plenty of information)
- Management (some information)
- Legislation (some minor information)





#### CONVERGES WG3 Timescale

Years	Year 1	Year 2	Year 3	Year 4	
Months	1 2 3 4 5 6 7 8 9 10 11	12 13 14 15 16 17 18 19 20 21 22 23 24	25 26 27 28 29 30 31 32 33 3	1 35 36 37 38 39 40 41 42 43 44 45 46	47 48
Tasks					
WG1		Characterising degradation of riparian vegeta	ation across the EU: status and pres	sures	
Milestones	1	2 3 4'5	3	5	8
Deliverables		2 3	2	4	
Task 1.1	Assessment protocol definition				
Task 1.2		Assess riparian vegetation statu	s	1	
Task 1.3	] [	Assess riaprian vegetation pressu			
Task 1.4	2	Assess riparian vegetation impac	And the second se		
WG 2	Visualisation of European responses to riparian vegetation degradation				
Milestones	1	3'7 5	3	5	1
Deliverables	1	5	2.6		
Task 2.1	Define a grid to identify responses			TSMs 🛛 🔼 Wo	rkahan
Task 2.2		Map of scientific knowledge			rkshop
Task 2.3	4 4	Map of management practices and	d toph	\ <b></b>	
Task 2.4		Map of social awareness			Donor
WG 3	Establishing	misalignments in riparian knowledge and priorit	ies nowledge co rsion for en	hanced menagement	Paper
Milestones					
Deliverables		now		4 47	4
Task 3.1				rities, barriers and or portunities	
Task 3.2				ments between science and management	
Task 3.3	70			ts between science/management and legislati	on
WG4		Dissemination outreach of			
Milestones	8 9		5/10/11		
Deliverables			8'9'10'11		
Task 4.1	Framework				17
Task 4.2	Design, implement, promote and feed a website				
Task 4.3		Look for new partners	41 P. P.		
Task 4.4 Task 4.5		Promote	the findings	Organise the final conference	
Task 4.5	2			organise the final conference	12

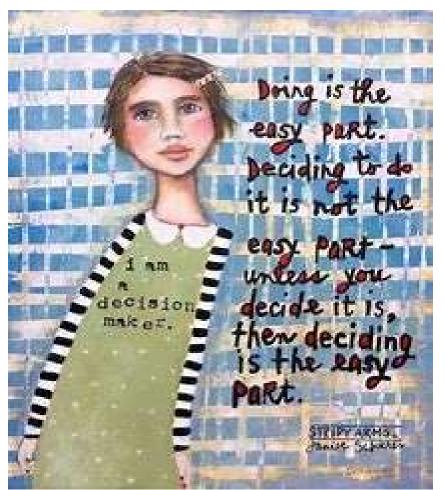
Milestones: 1 = STSMs; 2 = assessment; 3 = workshop; 4 diagram; 5 = training school; 6 = submission of paper; 7 = seminar; 8 = framework; 9 = website lauching; 10 = conference; 11 = translation

Deliverable: 1 = guidance ; 2 = report ; 3 = graphic ; 4 = paper ; 5 = bibliography ; 6 = synthesis ; 7 = manifesto ; 8 = website ; 9 = videos ; 10 = skill database ; 11 = conference proceedir





## "Decision-maker"







### Willing to contribute ("decision-makers")

0



Science1Management2Legislation3Other/none0



~30 people





## 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





## **CONVERGES WG3 Deliverables**

- D3.1 User guidance (for science/management relationships)
  - June 2021
- D3.2 Manifesto: what to include in teaching programs
  August/September 2021
- D3.3 Guidance including effective tools, indicators and legislative propositions
  - August/September 2021
- D3.4 Policy/forum paper (for scientific misalignments)
  - October 2021





## **CONVERGES WG3 Milestones**

 M3.1 STSMs to identify gaps between disciplines and regions in EU (n = 4)

March 2020 – December 2020

 M3.2 Workshop about research gaps, tools and indicators gaps and legislation issues

#### February/March 2021

- M3.3 Submission of Policy/forum paper
  - June 2021







## CONVERGES WG3 STSM's

- STSM 1 What has been done in WG1 and WG2 (review and gaps)
- STSM 2 Scientific misalignments (support D3.4)
- STSM 3 Tools, indicators, legislation (management vs. legislation) (support D3.3)
- STSM 4 Science vs. management approaches (support D.3.1)





#### **CONVERGES WG2** Deliverables

Deliverables		
D2.1	10	Guidance to implement the protocol for the responses assessment
D2.2 D2.3	14	Annotated bibliography of publications
D2.3	24	Report of existing management practices by country/region
D2.4	30	Synthesis of gaps in scientific knowledge
D2.5	30	Synthesis of best illustrative practices
D2.6	30	Synthesis of existing tools (indicators, models, etc.)
D2.7	30	Report about integration of riparian vegetation in current legislation
D2.8	36	Review paper(s)

Additional outputs (integration in deliverables?) (e.g.):

- restoration
- genetic conservation
- remote sensing methods
- relevant stakeholders





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Not delivered,

but expected

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### **CONVERGES WG3 Deliverable 1**

 D3.1 User guidance (for science/management relationships) – to enhance management

#### Key input from WG2

#### Deliverables D2.1 10 Guidance to implement the protocol for the responses assessment 14 Annotated bibliography of publications D2 2 D2.3 24 Report of existing management practices by country/region D2.4 30 Synthesis of gaps in scientific knowledge D2.5 30 30 Synthesis of best illustrative practices D2.6 Synthesis of existing tools (indicators, models, etc.) D2.7 Report about integration of riparian vegetation in current legislation 30 D2.8 36 Review paper(s)

#### What: a) National workshops! (questionnairs) b) STSM





Who: at least national workshops "organizers"

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## CONVERGES WG2/3 National workshops

- D2.3 Existing management practices by country/region
- D2.5. Best illustrative practices
- Aim
  - Management practices in different countries
  - Legislation (basis for the managament)
- When: March-June 2020
- Where and who: France, Czech Republic, UK, Italy, Slovenia, Portugal/Spain, The Netherlands, nordic?)





## CONVERGES WG3 Deliverable 2

 D3.2 Manifesto: what to include in teaching programs (countries, teaching programs)

#### Key input from WG2

#### Deliverables D2.1 Guidance to implement the protocol for the responses assessment 10 D2.2 14 Annotated bibliography of publications D2.3 24 Report of existing management practices by country/region D2.4 30 Synthesis of gaps in scientific knowledge D2.5 30 Synthesis of best illustrative practices D2.6 30 Synthesis of existing tools (indicators, models, etc.) Report about integration of riparian vegetation in current legislation 30 D2.7 36 D2.8 Review paper(s)

What: Questionnaire (country, program, level, subject, etc.)



Who: (professors etc.)?

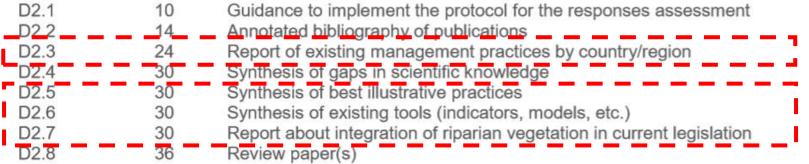


#### CONVERGES WG3 Deliverable 3

 D3.3 Guidance including effective tools, indicators and legislative propositions – to enhance management and study

#### Key input from WG2

#### Deliverables



#### What:

b) STSM

a) National workshops (questionnairs)!





Who: at least national workshops "organizers"

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# CONVERGES WG2/3 Legislation and decision making

- Questionnairs legislation and decision making in COST member states related to riparian zones
- Overview: European Directives related to riparian vegetation/zones and their implementation in different countries





# Case study: legislation and management of riparian zones in Slovenia



1. Water act (Water management)

Riparian zone width:

1st order streams and rivers: 15 m / 40 m 2nd order streams: 5 m

River basin management plan Flood risk management plan







2. Act on Forests (Forestry management)

Riparian forests (special category) (> 0.25 ha)

Forest management plan (and game)

3. Nature Conservation Act (Natura 2000) Forest habitat types (at least 2 related to river riparian zone)

Natura 2000 management plans

4. Act on Agricultural areas (Farming)

Farmers – "individual plans"

## **CONVERGES WG3 Deliverable 4**

# D3.4 Policy/forum paper (for scientific misalignments)

#### Key input from WG2

#### Deliverables D2.1 Guidance to implement the protocol for the responses assessment 10 D2.2 14 Annotated bibliography of publications 24 D2 3 Report of existing management practices by country/region D2.4 30 Synthesis of gaps in scientific knowledge D2.5 30 Synthesis of best illustrative practices D2.6 30 Synthesis of existing tools (indicators, models, etc.) D2.7 Report about integration of riparian vegetation in current legislation 30 D2.8 36 Review paper(s)

#### Need to be available early enough!







## **CONVERGES WG3 Milestones**

- M3.1 STSMs to identify gaps between disciplines and regions in EU (n = 4)
  - March 2020 December 2020
- M3.2 Workshop about research gaps, tools and indicators gaps and legislation issues
  - February/March 2021
- M3.3 Submission of Policy/forum paper
  - June 2021





### CONVERGES WG3 STSM's

 STSM 1 – preparatory work – what has been done in WG1 and WG2 (review and gaps)

• where: when: who:

- STSM 2 Science vs. management approaches (support D.3.1)
  where: Italy when: September 2020 who:
- STSM 3 Tools, indicators, legislation (support D3.3)
  - where: UK when: who:
- STSM 4 Scientific misalignments (support D3.4)
  - where: Spain when: who:





## **CONVERGES WG3 Milestones**

- M3.1 STSMs to identify gaps between disciplines and regions in EU (n = 4)
  - March 2020 December 2020
- M3.2 Workshop about research gaps, tools and indicators gaps and legislation issues
  - February/March 2021
  - where: next MC meeting place
- M3.3 Submission of Policy/forum paper
  - June 2021









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