



Growing
ideas
through
networks

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

Gorazd Urbanič¹ (lead), Emilio Politti² (co-lead)

¹Urbanzero Institute, Slovenia

² University of Trento, Italy



Funded by the Horizon 2020 Framework Programme
of the European Union

12-13 February 2020, Thessaloniki, Greece



Bridging the gap



FIGURE 3
The science-policy chasm

Godfrey et al. (2010)

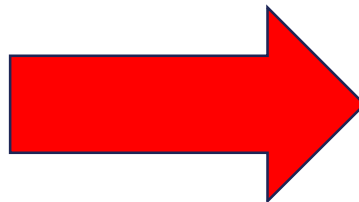
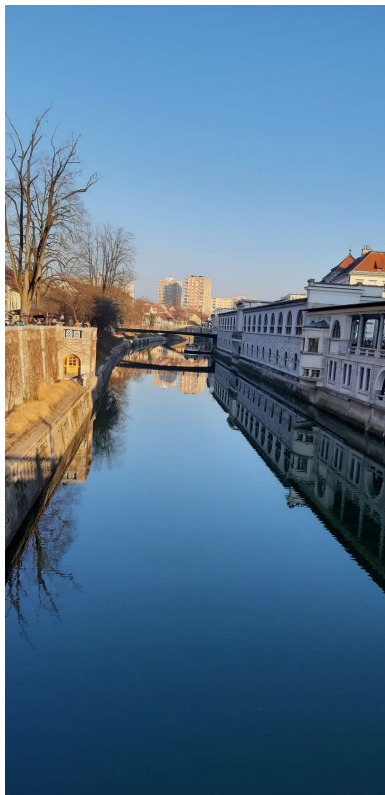


<https://livel.wordpress.com/2008/07/10/lcs-science-1001-cartoon-contest-vote-04-8-august-2008/>

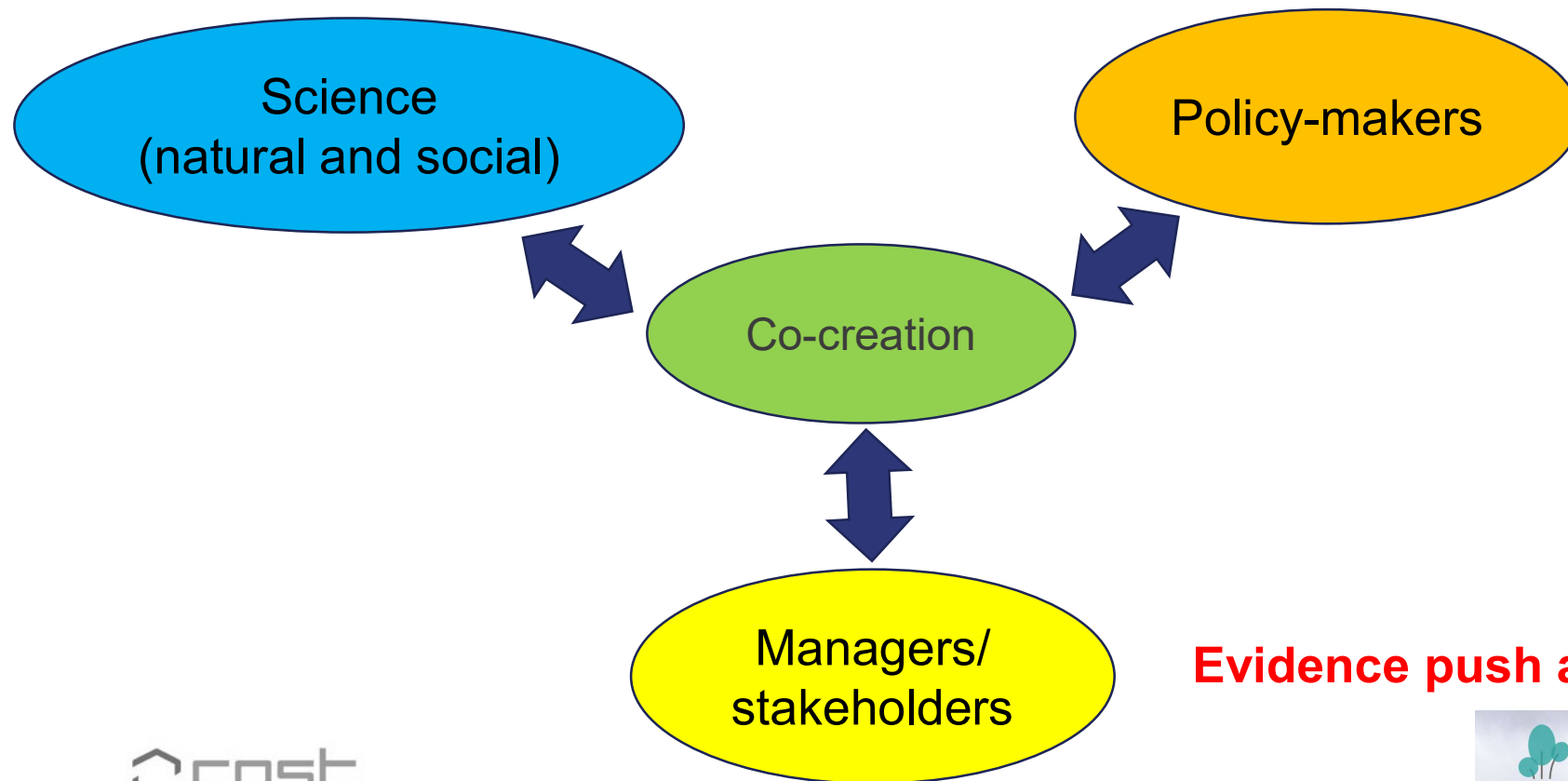
Bridging the gap



Bridging the gap in reality

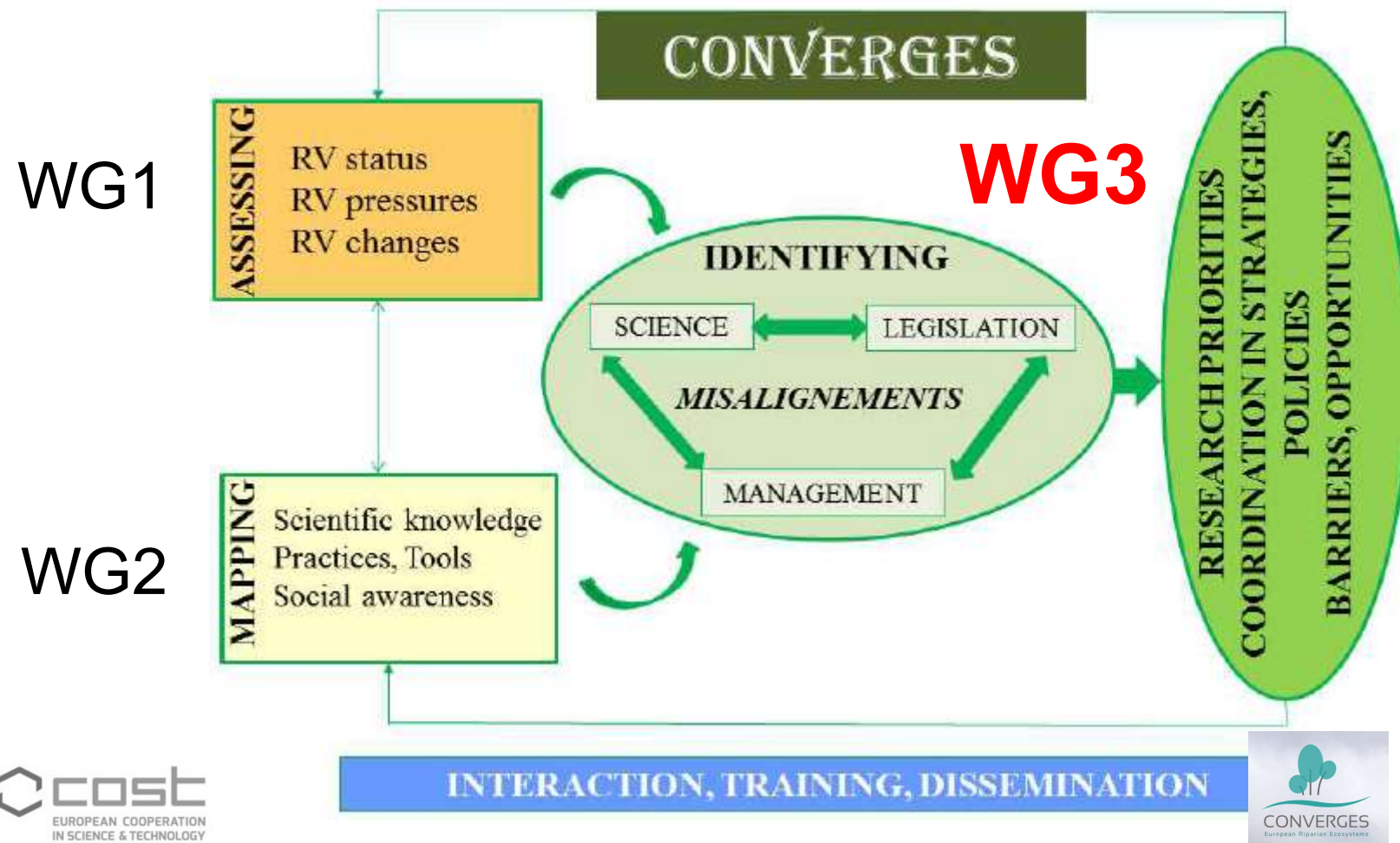


Knowledge conversion for enhanced management



Evidence push and pull

CONVERGES WG3 vs. WG1 and WG2

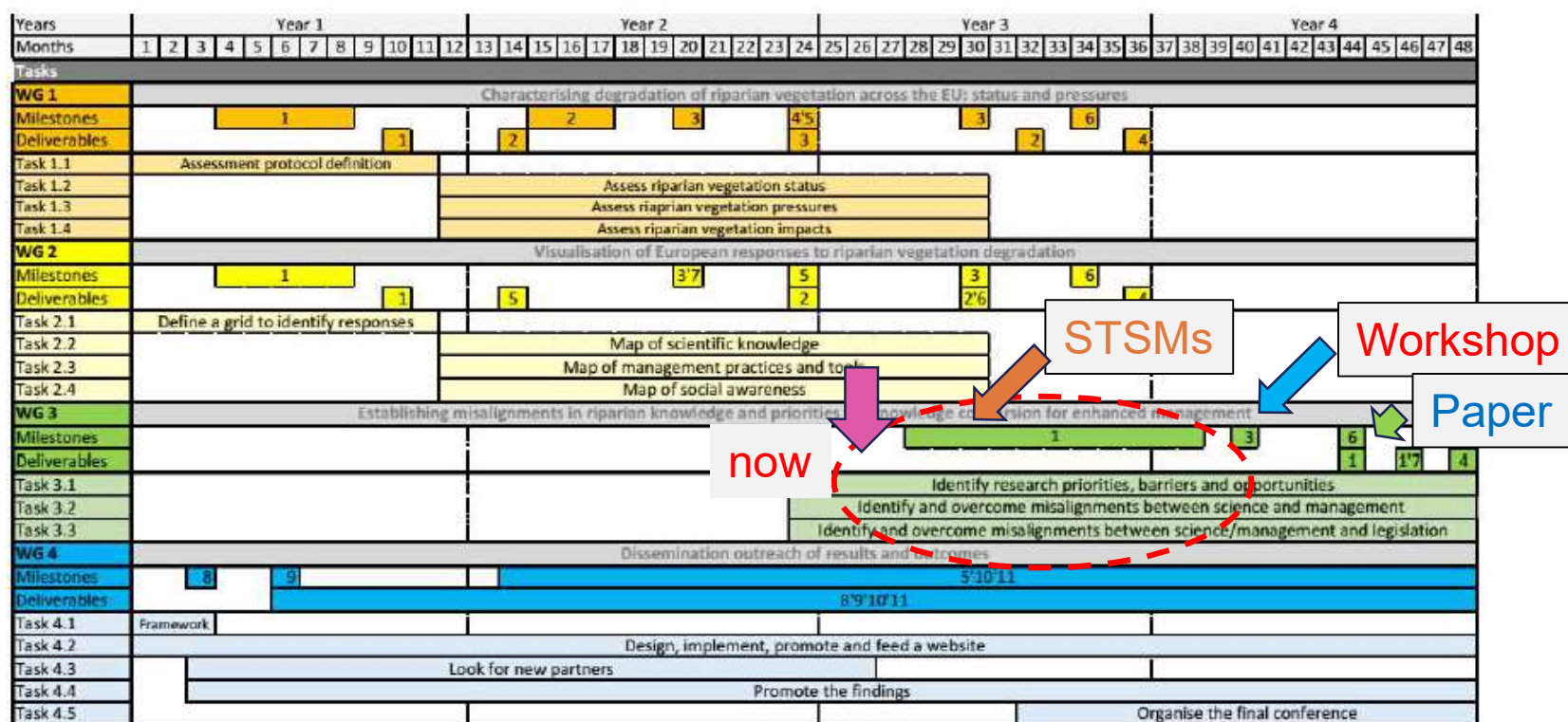




CONVERGES WG1 and WG2 input to WG3 – present conditions

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

CONVERGES WG3 Timescale



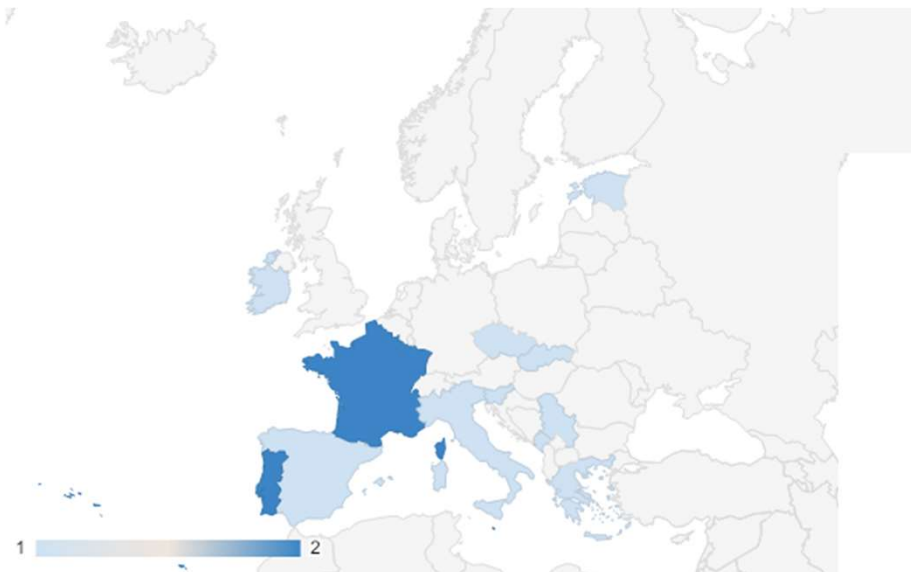
Milestones: 1 = STSMs ; 2 = assessment ; 3 = workshop ; 4 diagram ; 5 = training school ; 6 = submission of paper ; 7 = seminar ; 8 = framework ; 9 = website launching ; 10 = conference ; 11 = translation

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

„Decision-maker“

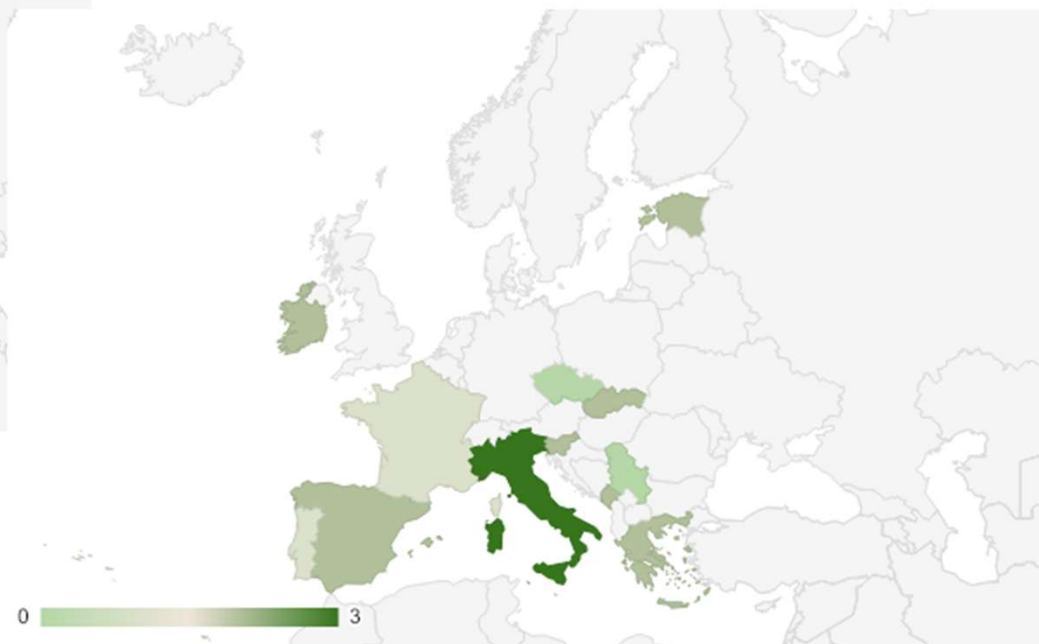


Willing to contribute („decision-makers“)



Science	1
Management	2
Legislation	3
Other/none	0

~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			Not foreseen
D2.1	10	Guidance to implement the protocol for the responses assessment	
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.)	
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

Not delivered,
but expected

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
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.)
D2.7	30	Report about integration of riparian vegetation in current legislation
D2.8	36	Review paper(s)

What:

- a) National workshops! (questionnaires)
- b) STSM

Who: at least national workshops „organizers“



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 management)
- **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	10	Guidance to implement the protocol for the responses assessment
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.)
D2.7	30	Report about integration of riparian vegetation in current legislation
D2.8	36	Review paper(s)

What: Questionnaire (country, program, level, subject, 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

D2.1	10	Guidance to implement the protocol for the responses assessment
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.)
D2.7	30	Report about integration of riparian vegetation in current legislation
D2.8	36	Review paper(s)

What:

- a) National workshops (questionnaires)!
- b) STSM

Who: at least national workshops „organizers“



CONVERGES WG2/3 Legislation and decision making

- **Questionnaires** – 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



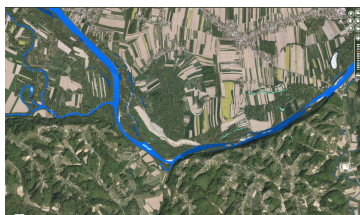
1. Water act (Water management)

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	10	Guidance to implement the protocol for the responses assessment
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.)
D2.7	30	Report about integration of riparian vegetation in current legislation
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



Comments and discussion

urbanzero