



26 - 27 May 2021
EUROPEAN RIVER
SYMPOSIUM

Session 7 - How to enhance riparian and floodplain vegetation management by research, practice and policy?

Chair: PhD Emilio Politti, University of Trento
Gorazd Urbanic, urbanzeroinstitute

Session program

- Testimony from a river manager: River Dee, Improving Habitat for Juvenile Salmon (3 min video)
- Riparian vegetation, a key asset for Europe: main contributions of riparian vegetation to WFD and Green Deal objectives
- Hydrological ecosystem services of riparian forests in the City of Ljubljana
- Toward Innovative solutions to improve riparian vegetation management and integration in EU countries
- Open discussion and questions-PART 1: about issues and challenges related to riparian vegetation management
- Open discussion and questions-PART 2: about possible solutions to improve riparian vegetation management and integration in various frameworks (WFD, Green Deal, etc.)
- Conclusions and way forward

Session program

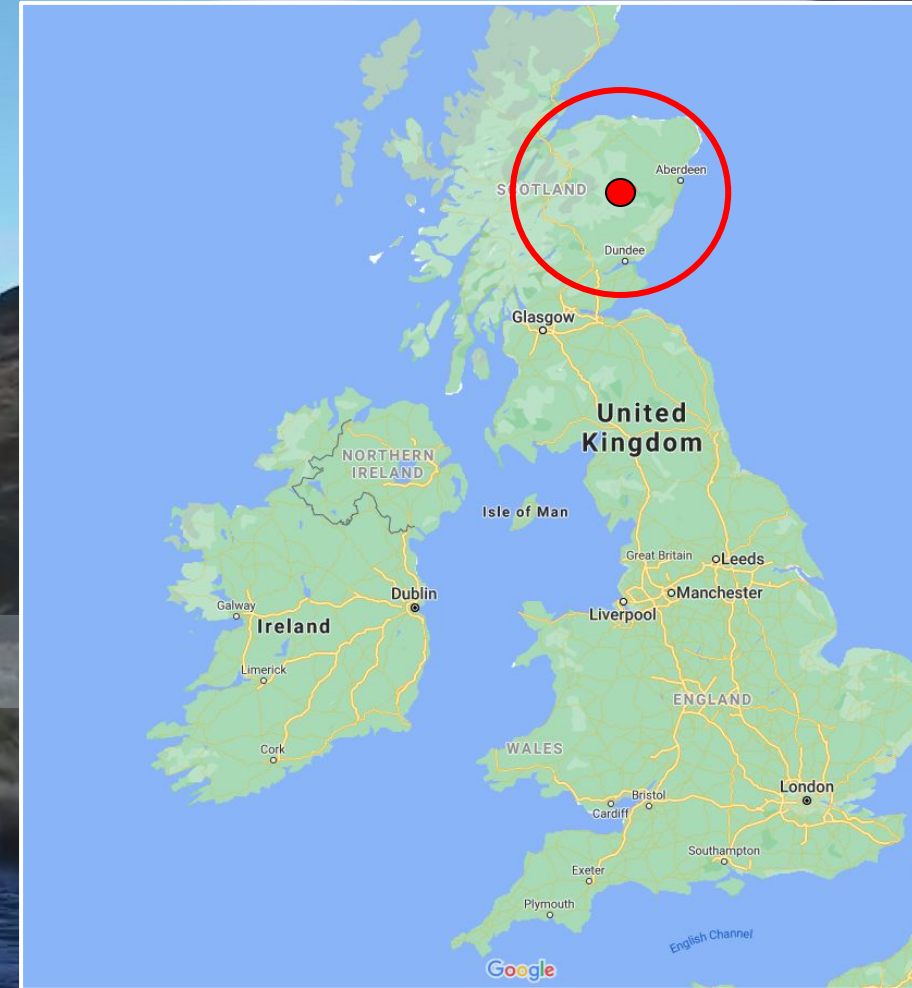
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Interactive! We'll want to hear your voice :)

River Dee: improving Habitat for Juvenile Salmon on the River Gairn

- Dee District Salmon Fishery Board & River Dee Trust
- Habitat restoration for juvenile salmon

<https://www.youtube.com/watch?v=Wbw4bbzc8KY&t=180s>



Presentation 1

Riparian vegetation, a key asset for Europe: main contributions of riparian vegetation to WFD and Green Deal objectives

Dr. Simon Dufour, University of Rennes 2

Presentation 2

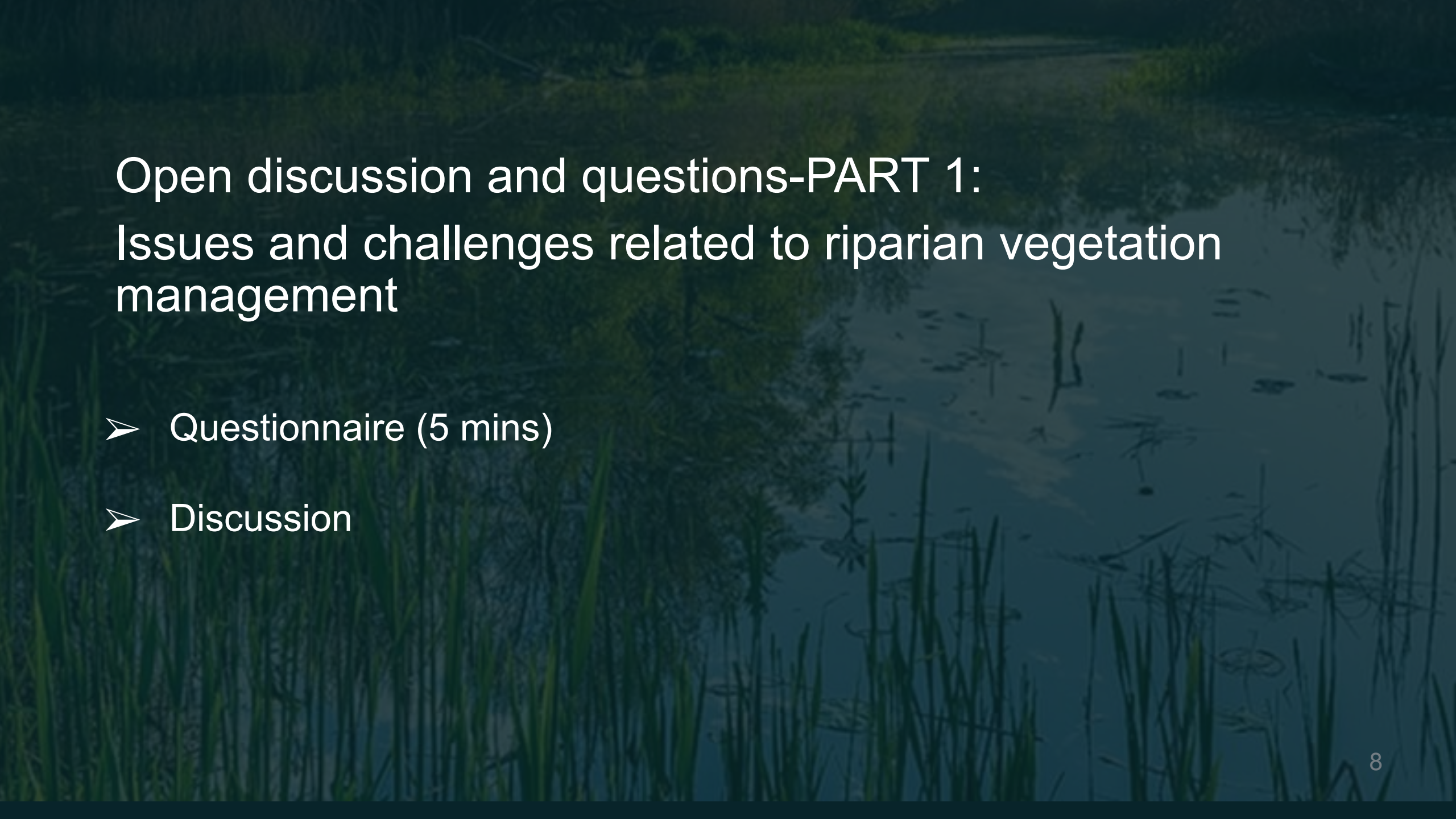
Hydrological ecosystem services of riparian forests in the City of Ljubljana

Dr. Urška Vilhar, Gozdarski inštitut Slovenije

Presentation 3

Toward Innovative solutions to improve riparian vegetation management and integration in EU countries

PhD Emilio Politti, University of Trento, department of Civil Mechanical & environmental engineering

The background of the slide is a photograph of a river or stream. The water is calm, reflecting the surrounding greenery. On the left bank, there are tall, thin reeds or grasses. In the distance, a small boat is visible on the water. The overall scene is peaceful and natural.

Open discussion and questions-PART 1: Issues and challenges related to riparian vegetation management

- Questionnaire (5 mins)
- Discussion

Later we'll need YOUR help to complete...

1. Identification of issues (poll + discussion)
2. **Ranking of issues by workshops participants (poll)**
3. Identification of possible solutions (related to issues)
4. Evidence in support to possible solutions
5. Prioritization of solutions by workshops participants (poll)

Poll, part 1: ranking the importance of riparian vegetation issues

- Google form online survey
- Accessible from computer and mobile
- Please answer now, it takes a few minutes
- Poll will remain open till the end of the week
- Wait before filling part 2



<https://forms.gle/w45jYsCNcbYVhdCF8>

One question to break the ice

➤ Do you see some issue missing?

Issues' ranking by Converges members

science-legislation

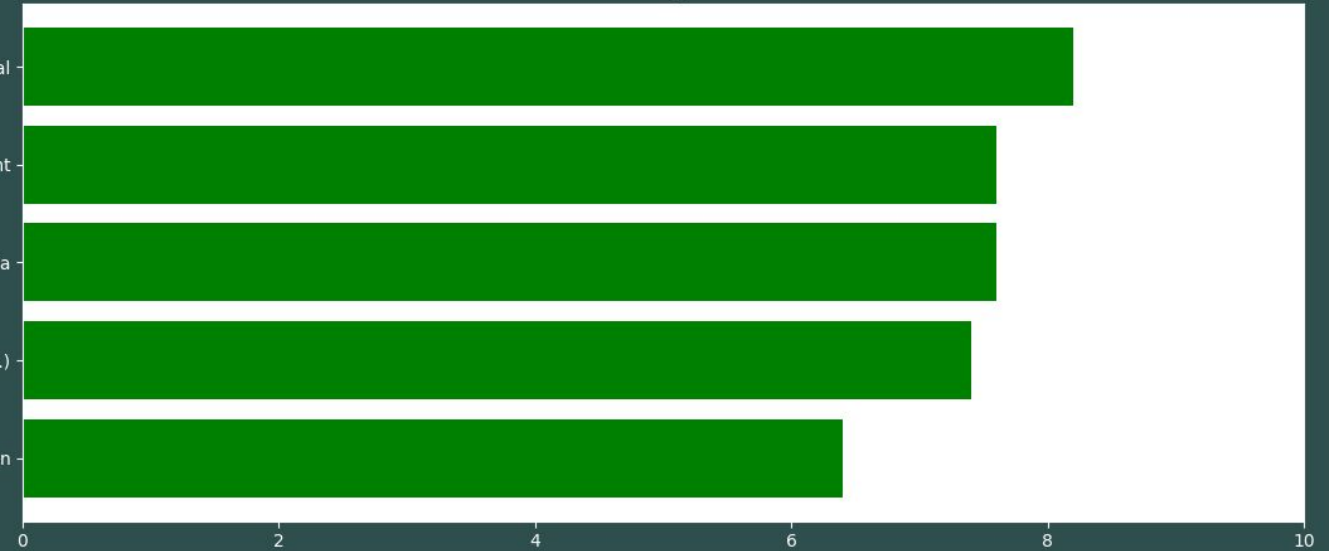
Riparian vegetation ecological services poorly considered in river status appraisal

Strong influence of legislation ensuring the protection of the environment

Riparian vegetation not explicitly mentioned nor required as WFD assesment criteria

Riparian vegention neglected by major river-related directives (flood directive, pesticides directive etc.)

Riparian vegetation not recognized as a forest type on its own



science-management

Inadequate knowledge transfer to assess management practices

Riparian zones not recognized as composite (socio-ecological, multiple stressors etc.) dynamic systems

Defined economical vs undefined ecological values ratings

Difficult attribution of responsibility to damaging entity (i.e. multiple actors, delayed responses)

Difficult delineation of riparian zone (e.g. temporal, site specific)

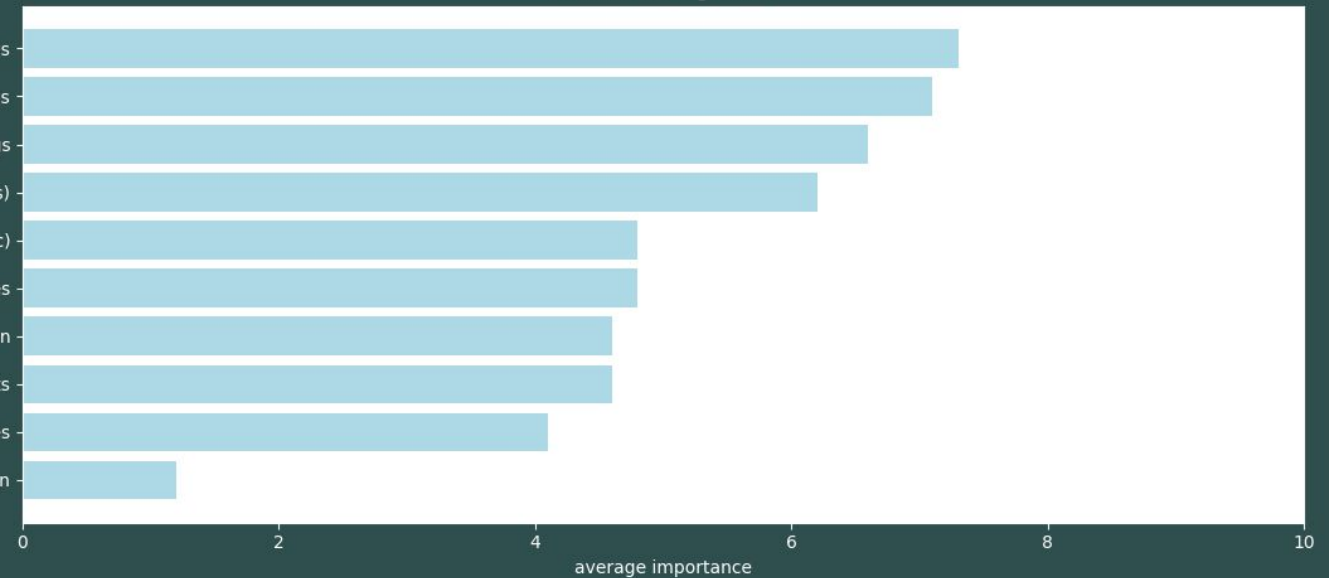
Difficult forecast of bio-geomorphic spatio-temporal dynamics for planning/assesment of responses to pressures


Restoration failure because of inadequate prioritization

Lack of adaptive management and review of long term restoration results

Lack of methods to value/recognize riparian zones

Inadequate definition or classification










Open discussion and questions-PART 2: Possible solutions to improve riparian vegetation

- Questionnaire (5 mins)
- Discussion

Later we'll need YOUR help to complete...

1. Identification of issues (poll + discussion) 
2. Ranking of issues by workshops participants (poll) 
3. Identification of possible solutions (related to issues) 
4. Evidence in support to possible solutions 
5. **Prioritization of solutions by workshops participants** 

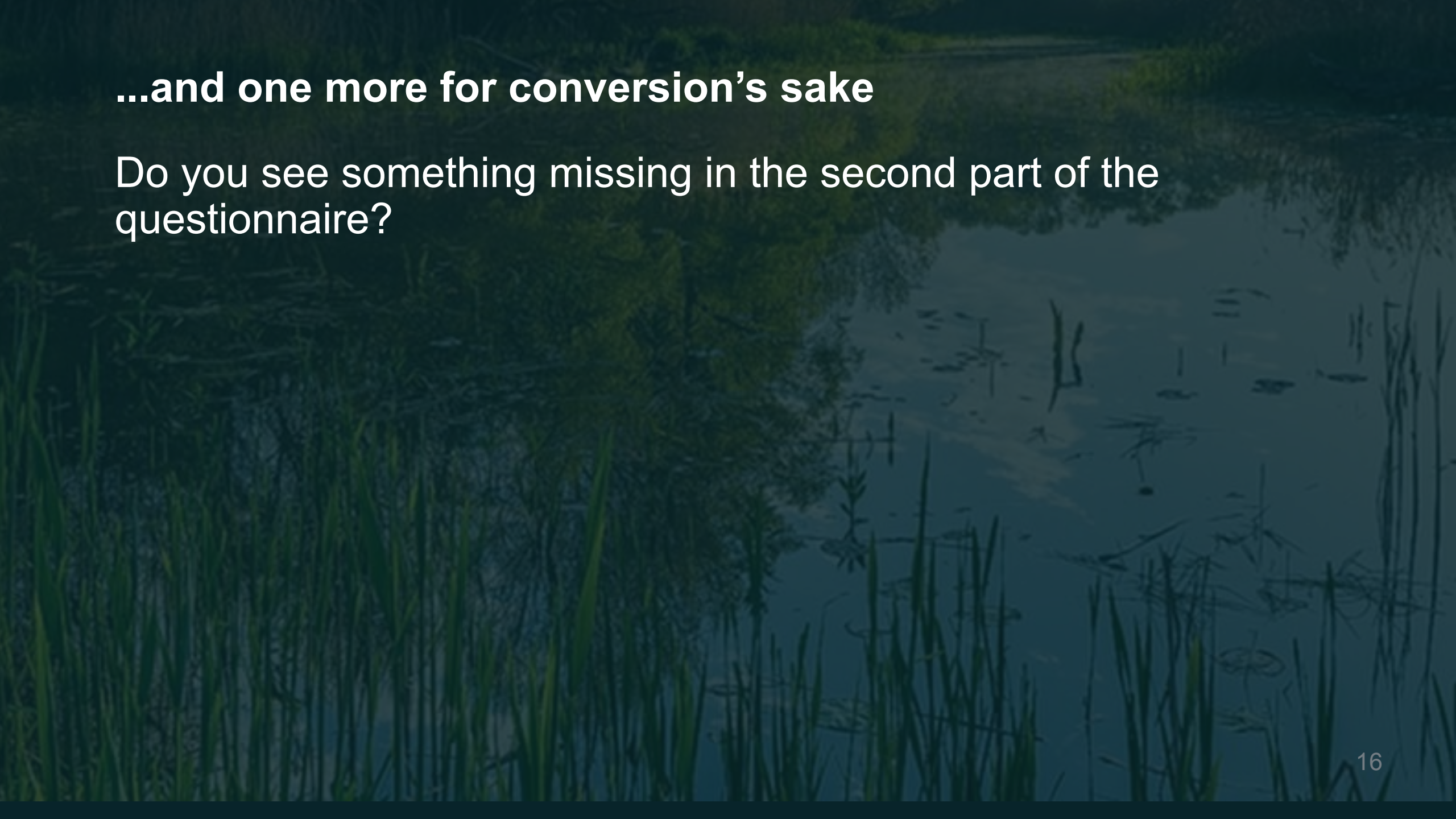
Poll, part 2: ranking the importance solution for riparian vegetation issues

- Google form online survey
- Accessible from computer and mobile
- Please answer now, it takes a few minutes
- Poll will remain open till the end of the week



<https://forms.gle/w45jYsCNcbYVhdCF8>

(same link as before, just second part of questionnaire)



...and one more for conversion's sake

Do you see something missing in the second part of the questionnaire?

Solutions' ranking by Converges members





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Conclusions