



NEXOGENESIS
STREAMLINING WATER RELATED POLICIES

What does the project do?

How is the project relevant to you?

Stefania Munaretto



Bauska meeting September 29th, 2022



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003881.

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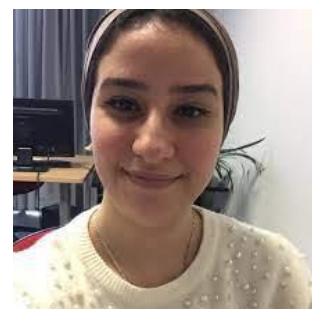
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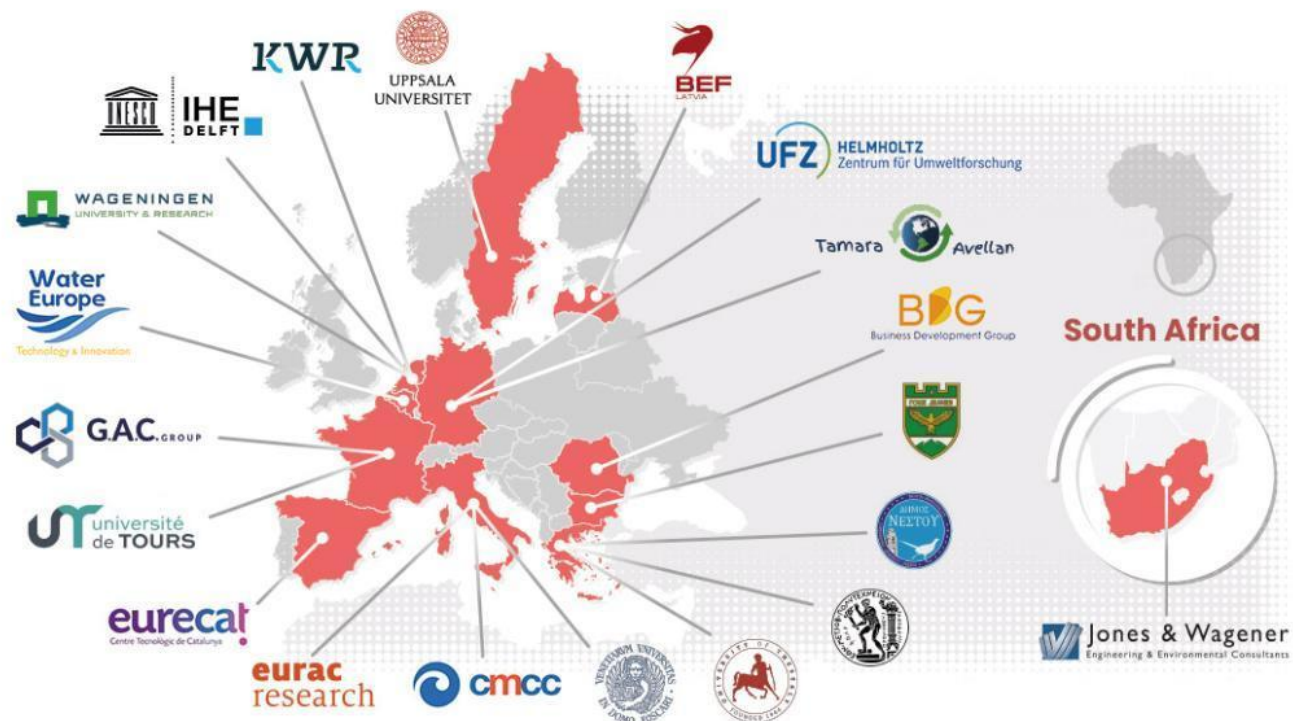


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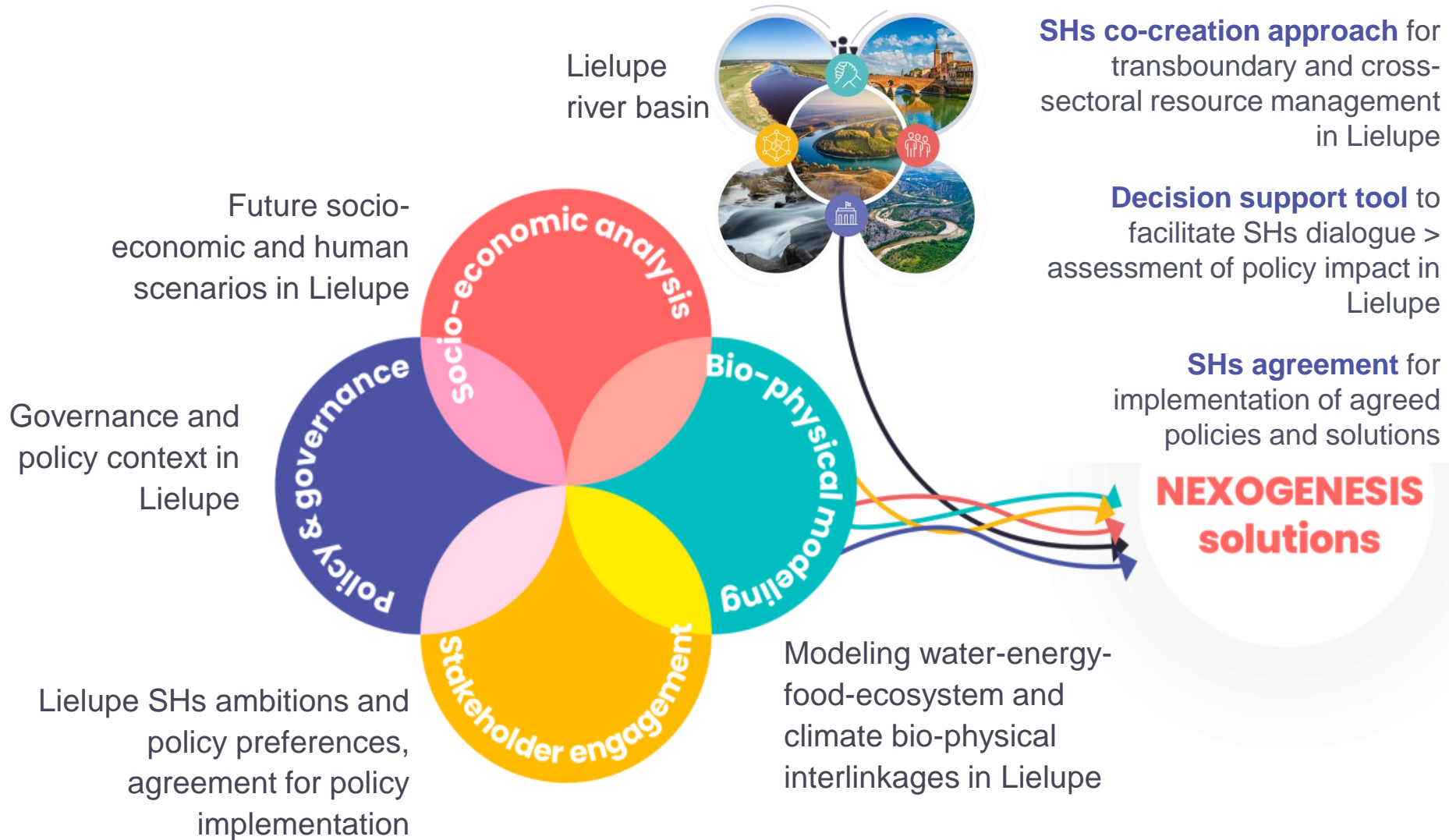
What is NEXOGENESIS?

- A **European research project** (Horizon 2020)
- Sep 2021-Aug 2025
- 20 partners
- 5 case studies: IT, GR/BUL, RO, SA, LV/LIT
- www.nexogenesis.eu



Support stakeholders' collaboration for design and implementation of integrated water-energy-food-ecosystems (WEFE) policies and practices

What can NEXOGENESIS do for Lielupe?



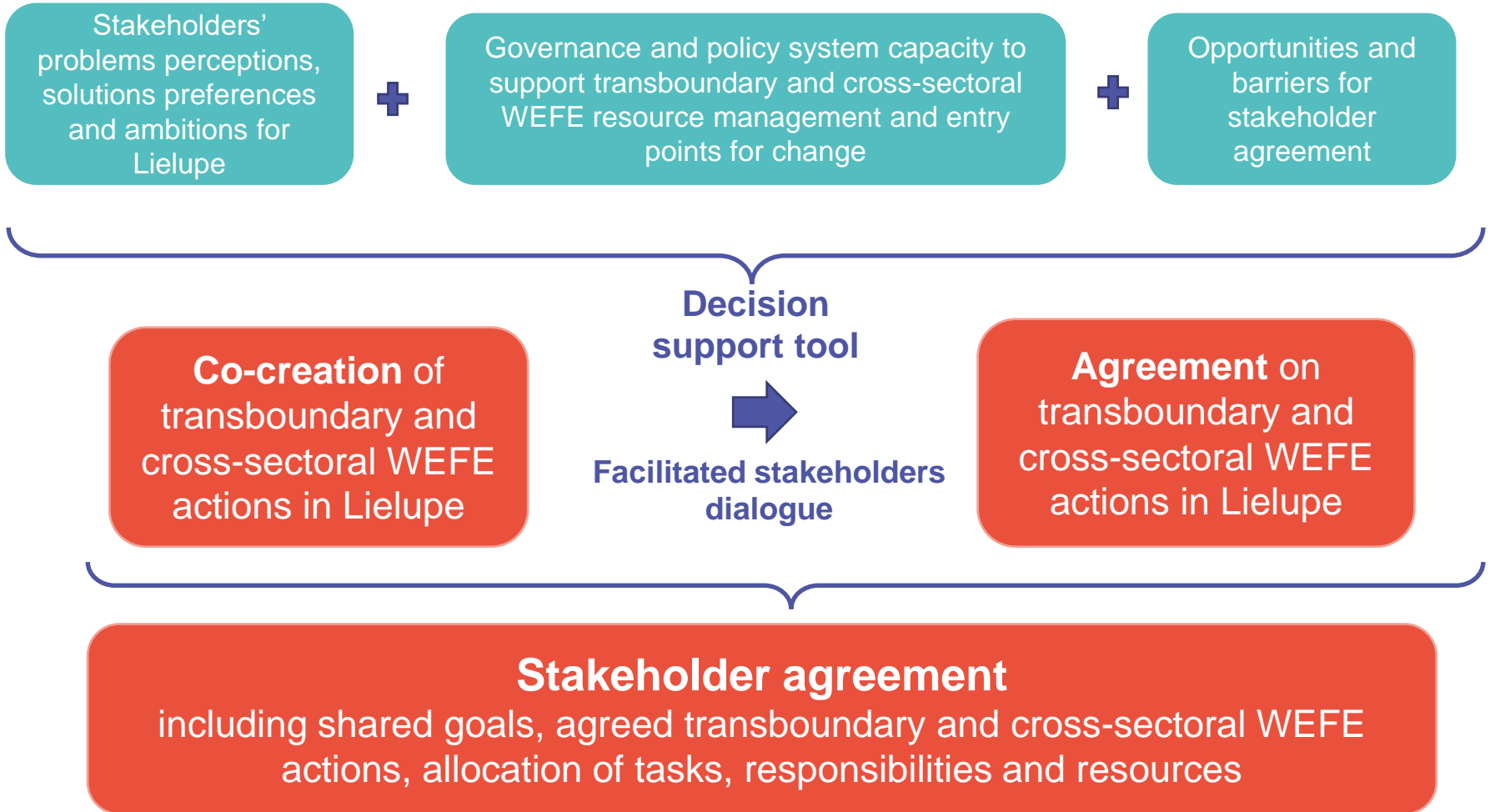
Stakeholders' agreement for transboundary and cross-sectoral WEFE resource management

A **voluntary, negotiated action plan** developed through a **SHs' co-creation** process where relevant SHs across the WEFE domains identify **solutions** for the management of the transboundary, cross-sectoral WEFE resources. The SHs involved in the process **commit** and take **responsibility**, each within their respective frame of roles and competences, for the adoption and implementation of a set of agreed **actions** for the integrated management of the WEFE resources in Lielupe basin as well as for the **monitoring** of the implementation.

Actions can range from technical/infrastructural measures to financing mechanisms, knowledge development and data collection



How do we reach a stakeholder agreement in Lielupe?



Who could use the NEXOGENESIS outputs?

Any organization (e.g. public authorities, industry, NGOs, research institutes) interested to initiate a **stakeholder dialogue** for supporting WEFE **cross-sectoral and transboundary collaboration** and together **co-create WEFE cross-sectoral solutions** for the management of resources in a specific context such as Lielupe river basin



Expected benefits for Lielupe stakeholders

- Better **understanding** of WEFE **sectoral** and **transboundary** interlinkages and interdependencies in Lielupe
- Improved **awareness and shared vision** on WEFE problems and solutions
- Recommendations to **for integrated transboundary and cross-sectoral actions for Lielupe**
- **Broadened network and collaboration** across sectors and countries in Lielupe
- **Empowered stakeholders** for constructive dialogue and informed joint decisions



Contribution to achieving SDGs, EU CAP, EU WFD, EU Green Deal, Renewable energy goals, carbon emission targets





The NEXOGENESIS solutions are developed **WITH** you and **FOR** you!

- NEXOGENESIS website: <https://nexogenesis.eu/>
- NEXOGENESIS social media:
 - Twitter: [@NEXOGENESIS_eu](https://twitter.com/NEXOGENESIS_eu)
 - LinkedIn: [@NEXOGENESIS](https://www.linkedin.com/company/nexogenesis)





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Existing cross-sectoral management of resources *according to stakeholders*

Isabelle La Jeunesse



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How we proceeded

- 1) First understandings of sectoral management (bibliography)
- 2) Preparation of the visit in Latvia and Lithuania
- 3) Face-to-face discussions (interviews)
- 4) Analysis of what we have understood
- 5) Exchanges with you on what we have understood..., update and co-decide on how to get further for cross-sectoral and transboundary collaborations for the Lielupe river

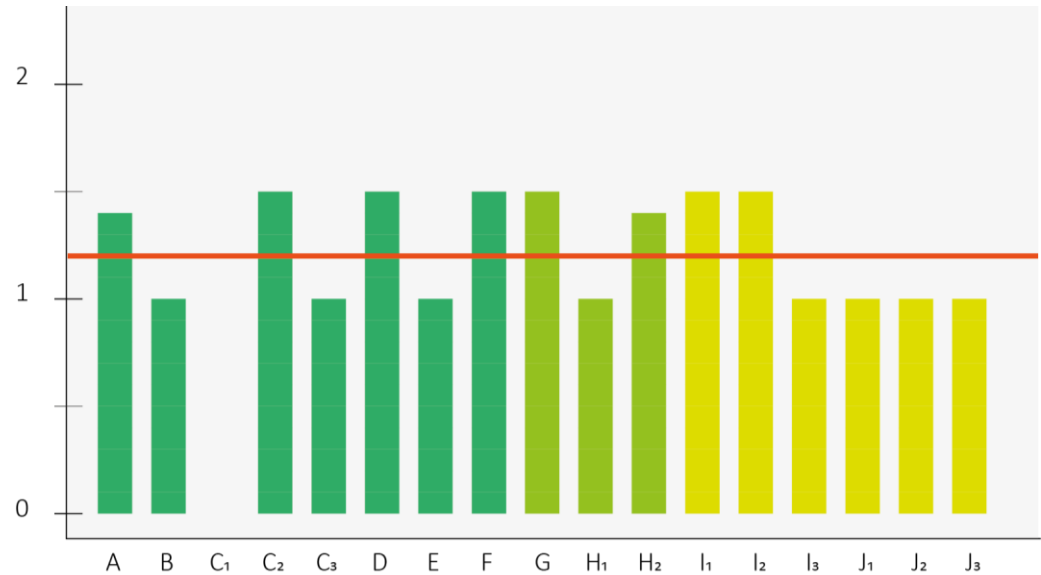


How stakeholders self-assess the cross-sectoral management of resources

- In Latvia

SCORES

- 0 : no cross-sectoral management
- 1 : 2 sectors are collaborating
- 2 : 3 sectors are collaborating
- 3 : wefe nexus collaboration reached



LATVIA CROSS SECTORAL SCORING

NATIONAL LEVEL

- A. University of Life Sciences
- B. Ministry of Agriculture
- C. Latvian EGM Center
- D. Ministry of Economics
- E. Latvian WWF Association
- F. Latvian Found for Nature

REGIONAL LEVEL

- G. Zemgale Regional Energy Agency
- H. Zemgale Planning Region

LOCAL LEVEL

- I. Salgale Parish
- J. Bauska Municipality

— AVERAGE

“we have a small country and we know each other”

“the result is that the water is not good”



How stakeholders self-assess the cross-sectoral management of resources

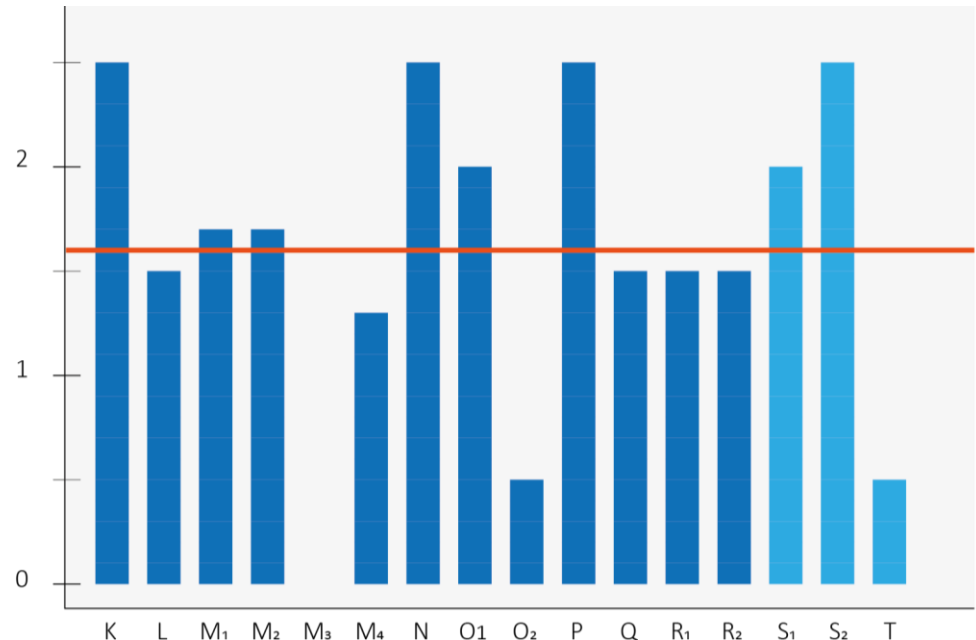
- In Lithuania

SCORES

- 0 : no cross-sectoral management
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- 2 : 3 sectors are collaborating
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“of course there is cooperation on energy and water and water management”

“in principle the control of the protective sites is ministerial level, not the municipality level”



LITHUANIA CROSS SECTORAL SCORING

■ NATIONAL LEVEL

K. BEF Lithuania

L. Viva Sol Association

M. Ministry of Environment

N. Ministry of Energy

O. Center for Environment Policy

P. Ministry of Agriculture

Q. Lithuanian Energy Agency

R. Environmental Protection Agency

■ LOCAL LEVEL

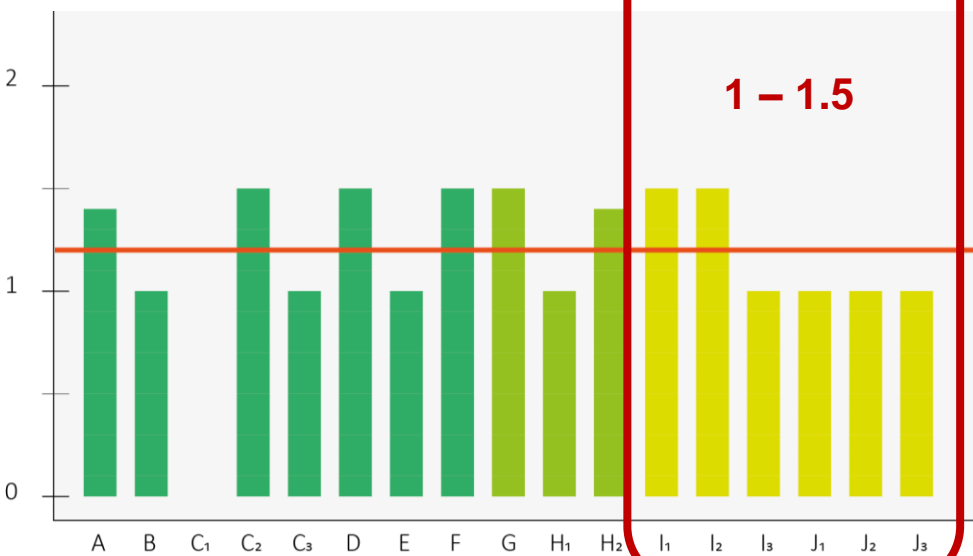
S. Panevezys Municipality

T. Birzai District Municipality

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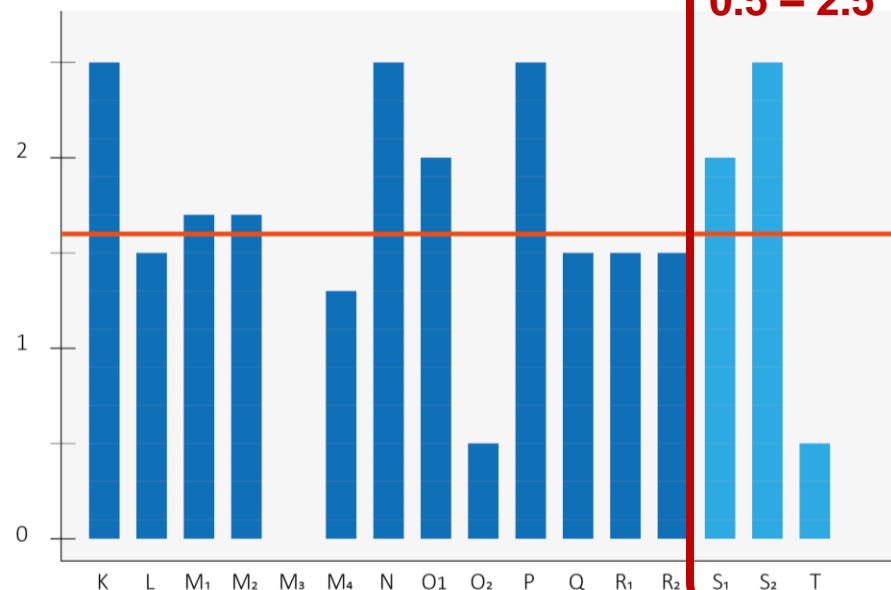
How stakeholders self-assess the cross-sectoral management of resources

Latvia



1 – 1.5

Lithuania



0.5 – 2.5

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