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# Project BIGDATA 4RIVERS

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# Project partner 7 – Lithuania

## Kaunas University of Technology

- **Presentation of the partner**
- **Addressed policy instrument**
- **Expected improvements**

# LITHUANIA



- In **Northern Europe**
- The southernmost of the three **Baltic States**
- Shares borders with **Latvia** to the north, **Belarus** to the southeast, **Poland** and **Kaliningrad** to the southwest
- Population is app. **3 million**
- Capital **Vilnius**
- In **2018 Lithuania** has celebrated the **100 years anniversary**



- The **largest technical university** in the Baltic States (started in 1922)
- KTU is situated **in Kaunas**, the second largest city of Lithuania, which is **a significant center of industry, transport, science and culture**
- Science valley „**Santaka**”
- there are app. **10 000** students
- **9** faculties, **8** institutes







<https://www.youtube.com/watch?v=ZlnXKV0nvFA>



## OPERATIONAL PROGRAMME 2014-2020

- **Priority axis 5.** Environment, sustainable use of natural resources and adaptation to climate change
- **Investment priority 5.3** Investing in the water sector to meet the requirements of the Union's environmental *acquis* and to address needs, identified by the Member States, for investment going beyond those requirements
- **Specific objective 5.3.1** Improve the status of the Baltic Sea and other surface waters



# PP7 – Lithuania

## Statistics about rivers in Lithuania:

- Lithuania has about **29 900** rivers and streams longer than 0.25 km
- Their total length is **63.7 thousand km**
- The number of rivers and streams longer than 3 km was calculated very accurately - **4418**
- There are **816** (3 percent) rivers longer than **10 km** and **17** rivers longer than **100 km**



# PP7 - Lithuania





# What needs to be improved?

- The quality of water in Lithuania's rivers has improved significantly over the past decade thanks to large investments in wastewater management system;
- however, the Curonian Lagoon, the Baltic Sea shore, about two-thirds of Lithuania's rivers and about one-third of lakes do not meet yet the requirements for a good status of water (the share of water bodies of good water status accounted for 54%);
- The main factors of human economic activities having an impact on the status of surface water bodies are the diffuse pollution and point source pollution;
- In Lithuania, there are 1267 settlements with a population of between 200 and 2000. Inhabitants of these settlements account for 20% of the Lithuanian population. Their drinking water supply and wastewater treatment systems do not meet requirements of EU Water Framework Directive 2000/60/EC and EU Urban Waste Water Treatment Directive 91/271/EEC;
- and etc.

# PP7 – Lithuania – Expected improvements

The Lithuanian ROP still can be significantly improved in 2 different ways:

- 1<sup>st</sup> by allowing the implementation of projects combining different investment priorities
- 2<sup>nd</sup> by introducing the innovations for new measures or revising the scope of supported activities of currently planned measures & including the ICT as key-tool to achieve efficiency in the water systems & protection

How do we envisage the improvement of this policy instrument?

The focal points for the improvement of the policy instrument are through:

- Structural change
- Improved governance
- New projects supported



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**Thank you!**

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