



**Interreg**  
Estonia-Latvia  
European Regional Development Fund



EUROPEAN UNION

# Creation of the joint monitoring program



KESKKONNAAGENTUUR



Exchange of information and experiences

May 2018

- Description of current monitoring principles

May 2018

- Monitored waterbodies state assessment

Dec. 2019

- Waterbodies characteristic analysis
  - borders
  - types
  - importance of fisheries (in Estonia)
  - analysis of heavily modified waterbodies (in Estonia)

Exchange of information and experiences

December  
2018

- **Pilot study (in Estonia)** analysis of different type of data, including remote sensing data, all together with an aim to optimize monitoring management and improve the quality and trust worthiness of waterbodies status assessment

December  
2018

- **Nutrient pressure load analysis**
  - According to national data and methodology
  - Pressure analysis using EstModel modeling and VeeVeeb, data (including hydrological data) from both side of boarder will be used

March 2019

- **Pressure load analysis according to national methodology**

Exchange of information and experiences

March 2019

- Not monitored waterbodies state assessment

May 2019

- Principles of harmonized status assessment  
(used for assessment of transboundary waterbodies)

May 2019

- Principles of harmonized pressure analysis  
(used for transboundary waterbodies pressure analysis)



Exchange of information and experiences



June 2019

- Transboundary waterbodies state assessment according to harmonized state assessment methodology



June 2019

- Transboundary waterbodies load assessment according to harmonized pressure load methodology



June 2019

- Composing joint monitoring programm of Koiva/Gauja and Salatsi/Salaca river basin

# Joint monitoring programm of Koiva/Gauja and Salatsi/Salaca river basin

- Will be composed for whole the river basins (Koiva/Gauja, Salatsi/Salaca) and for some other transboundary (Estonia, Latvia) waterbodies outside of Koiva river basin
- Monitoring principles in transboundary waterbodies will be coordinated and harmonized as much as possible and main harmonization principles will be fixed in English
- Joint program - will consist of two part – the part regulating monitoring in Estonia will be in written in Estonian and the part regulating monitoring in Latvia in Latvian

# Exchange of experiences

- Changes made in monitoring system after the end of previous Koiva/Gauja project
- Main principles used to choose waterbodies to monitor
- Quality elements monitored and methodology used for that
- Monitoring rotation and frequency of different quality elements
- Monitoring for chemical state assessment (substances, matrices, frequency, waterbodies)
- Specific substances monitored in river basin, their monitoring frequency and time
- More important development planned in near future regarding waterbodies monitoring
- Analysis of monitoring data with an aim to improve usage of collected data, including action plan measures planning (timing, substances and quality elements monitored etc)
- Possibilities to improve monitoring planning using different type of monitoring data, including remote sensing data, self-monitoring data (experiences gained through pilot study)

# Thank you for your attention!

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