



WHAT ABOUT IS LIFE GOOD WATER IP?

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Project Deputy Manager
Riga, NEXOGENESIS Stakeholder
meeting, 07.02.2024.

EU LIFE Programme integrated project
“Implementation of River Basin Management Plans of Latvia towards good surface water status”

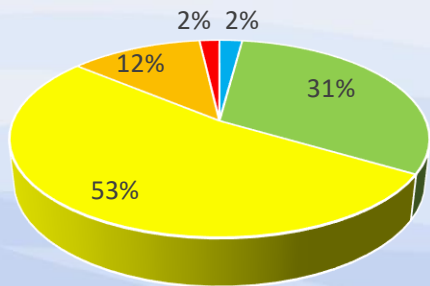


Latvia University
of Life Sciences
and Technologies

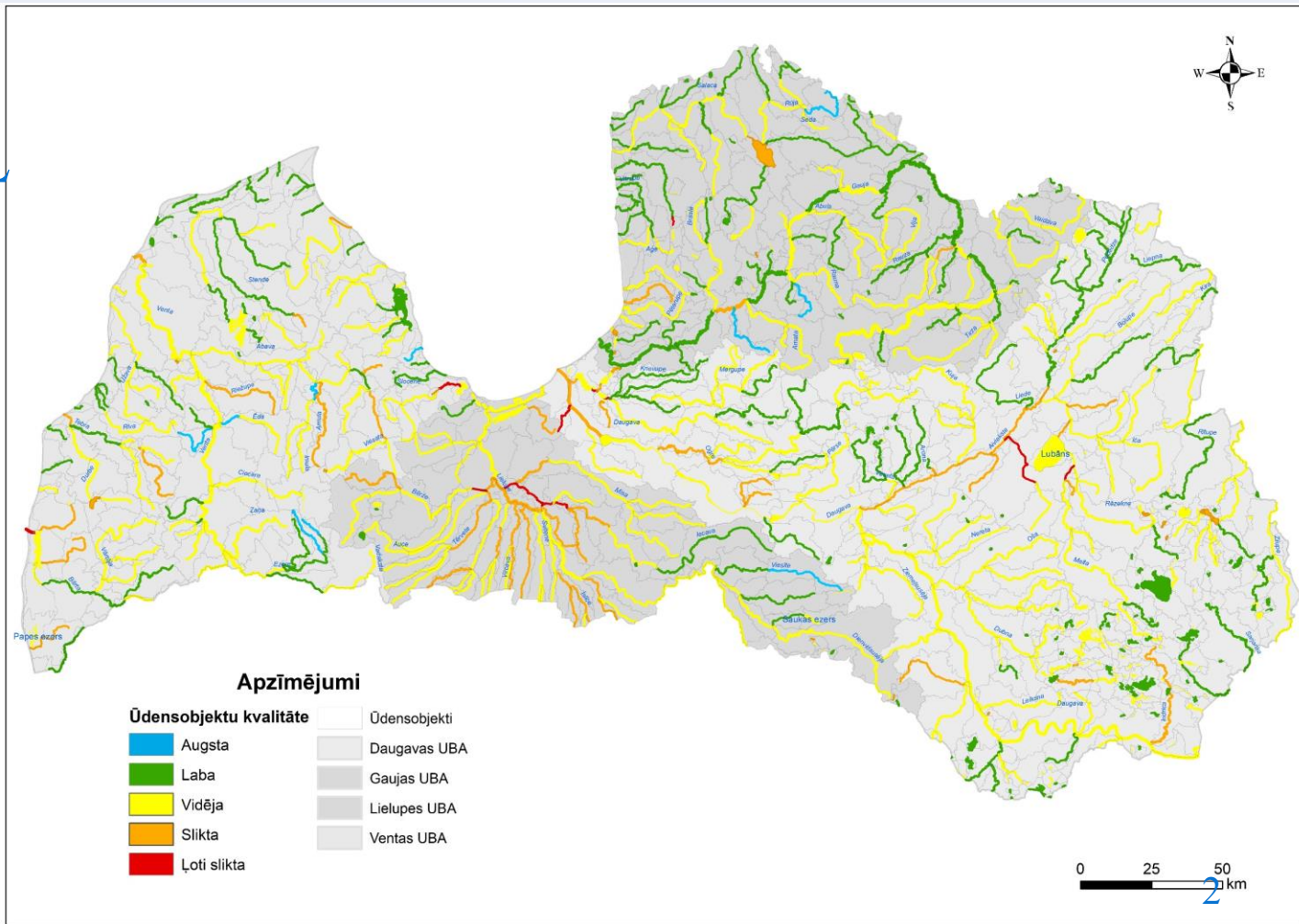


ECOLOGICAL WATER QUALITY IN LATVIA

2022



■ High
■ Moderate
■ Bad
■ Good
■ Poor



THE OVERALL AIM

To improve the status of water bodies at risk in Latvia by implementing the measures laid down in all 4 river basin management plans

19 partner consortium, consisting from:

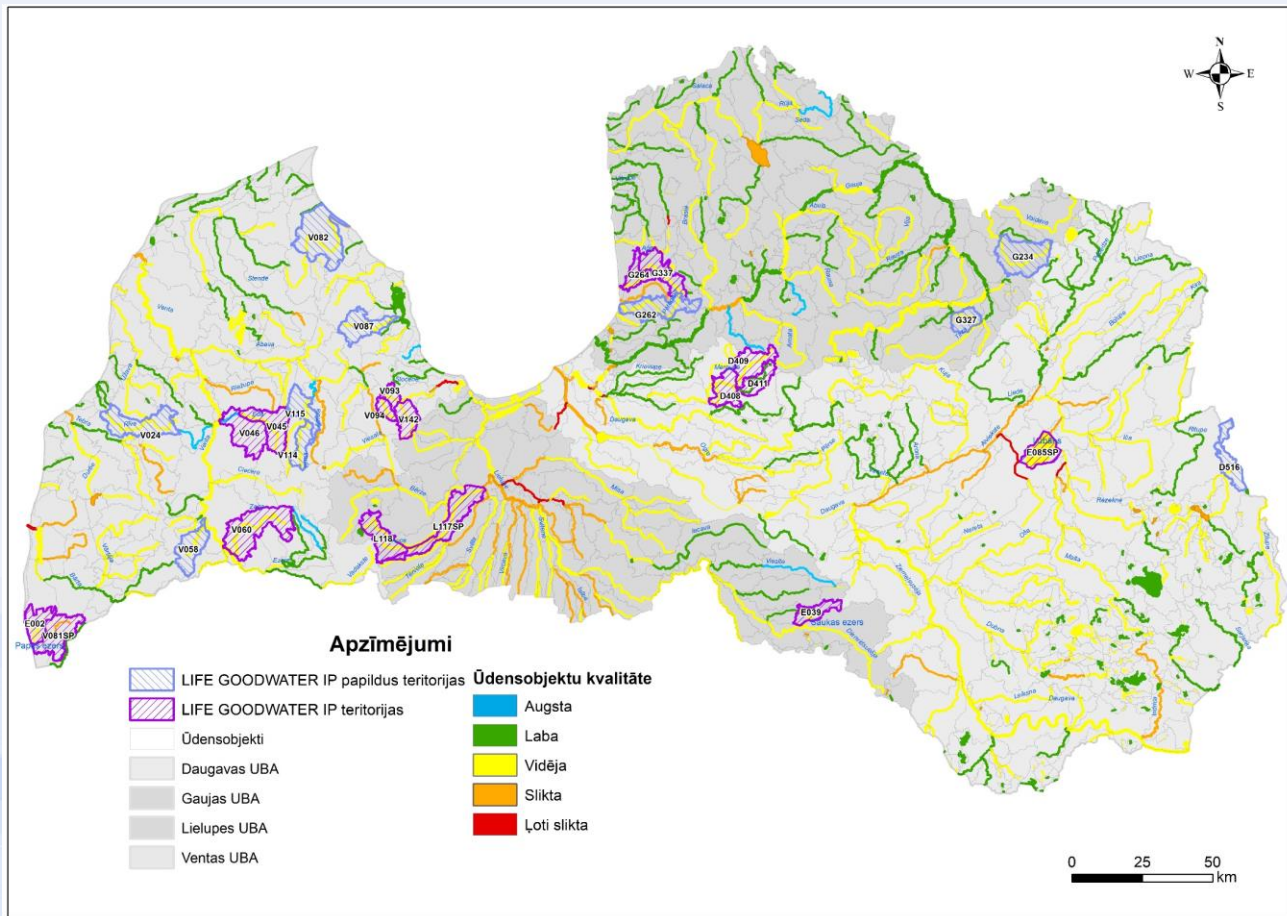
- public authorities;
- municipalities;
- scientific organizations;
- companies managing the State property;
- NGO`s (from farmers to environmental protection organizations)



DURATION:
 01.01.2020.–31.12.2027.

TOTAL BUDGET:
 14 463 050 EUR

COMPLEMENTARY FUNDS:
 101 890 569 EUR



SPECIFIC OBJECTIVES

- ✓ reduce the **point-source pollution**, mainly focusing on urban waste water:
 - Engure village – **improvements** in the operation of existing WWTPs;
 - Nākotne village – **construction** of new wastewater treatment plant + wetland (NBS);
- Mathematical model for assessment of decentralized sewage system status and potential health risks to inhabitants





SPECIFIC OBJECTIVES

✓ mitigate effects of **hydrological and morphological alterations**, focusing not only on barriers, but also on drainage systems:

- **Hydromorphological survey of 4 rivers (RHS & THS) along their entire length (Ağe, Mergupe, Auce and Zaņa);**
- **inspection of drainage systems and construction of environmentally friendly elements, incl. culvert reconstruction**
- **estimation of ecological flow regime for 7 HPPs in 4 rivers**
- **construction of a fish pass (on HPP)**

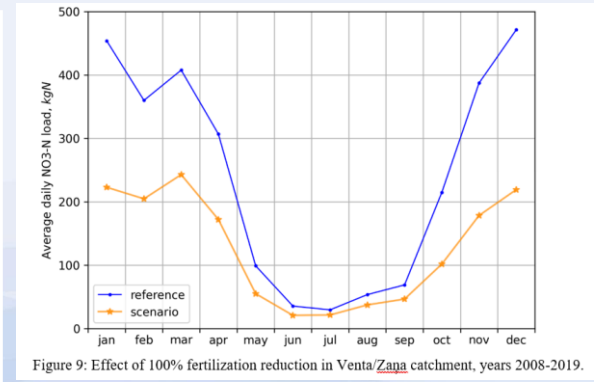
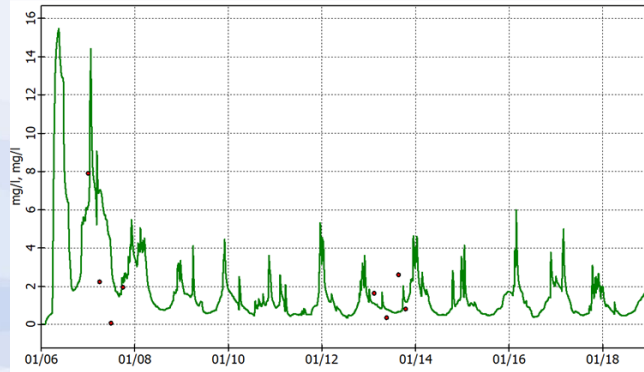
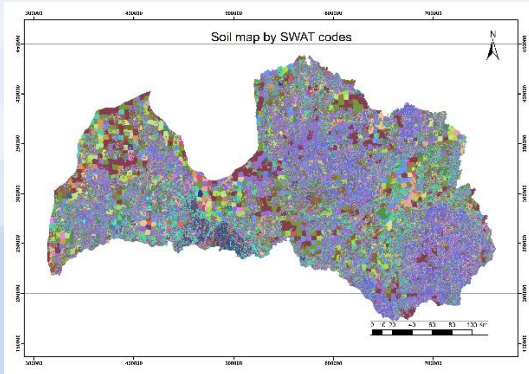




SPECIFIC OBJECTIVES

✓improvement of **river basin management planning** and implementation mechanisms:

- **intensive monitoring** in the project's rivers and lakes;
- **SWAT+ model** for determination of nitrogen and phosphorus loads; measures' implementation scenarios (LT approach); → combination of LT + LV modelling systems
- development of 3rd and 4th cycle **river basin management plans**



SPECIFIC OBJECTIVES

- ✓ **support for the respective authorities** by improving the legislative and regulatory documents and policies:
 - **results of measures** implemented in practice - efficiency indicators;
 - development of the **National sewage sludge management strategy**;
 - incorporation of the research results into the **Common Agricultural Policy** document;
 - additions to other **regulatory documents**



SPECIFIC OBJECTIVES

✓ awareness raising activities:

- 4 thematic training programs developed (wastewaters, agriculture, forestry, aquaculture)

<https://macies.goodwater.lv/>;

- river clean-ups, exhibitions and landscape tours;
- a small grant program for local cooperation and involvement:
 - **8 initiatives** approved (implemented / in process)



KNOWLEDGE TRANSFER & INVOLVEMENT OF SOCIETY

- Clean-up event in Zaņa river (2023)



KNOWLEDGE TRANSFER & INVOLVEMENT OF SOCIETY

✓ Removing of barriers – smaller and bigger



LET THE WATERS FLOW!



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The integrated project “Implementation of River Basin Management Plans of Latvia towards good surface water status” (LIFE GOODWATER IP, LIFE18 IPE/LV/000014) has received funding from the LIFE Programme of the European Union and the State Regional Development Agency Republic of Latvia. www.goodwater.lv

The information reflects only the LIFE GOODWATER IP project beneficiaries’ view and the European Climate, Infrastructure and Environment Executive Agency (CINEA) is not responsible for any use that may be made of the information contained therein.

