INTRODUCTION TO THE PROJECT

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

THE OVERALL AIM

To **improve the status of <u>water bodies at risk</u> 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)

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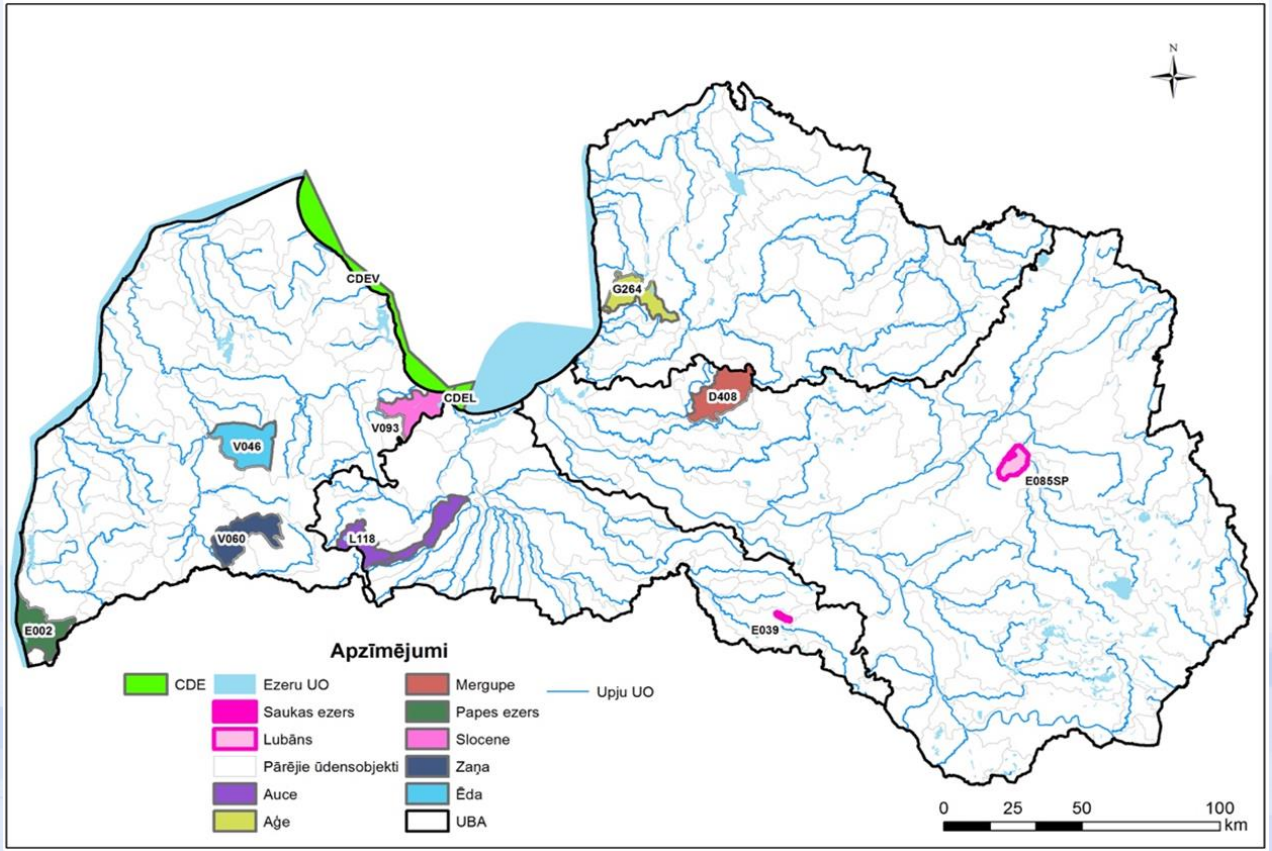
DURATION:
01.01.2020.–31.12.2027.

TOTAL BUDGET:
14 463 050 EUR

COMPLEMENTARY FUNDS:
101 890 569 EUR



SPECIFIC OBJECTIVES

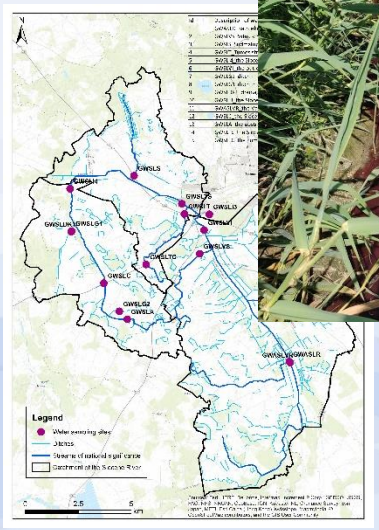
✓reduce the **point-source pollution**, mainly focusing on urban waste water:

- Engure village – **improvements** in the operation of existing WWTPs;
- Nākotne village – **construction** of new wastewater treatment plant

SPECIFIC OBJECTIVES

✓reduce the **diffuse pollution** from agricultural and forestry lands:

- **research** in Aģe, Slocene, Auce and Ēda rivers;
- **green infrastructure solutions** such as buffer strips and wetlands



SPECIFIC OBJECTIVES

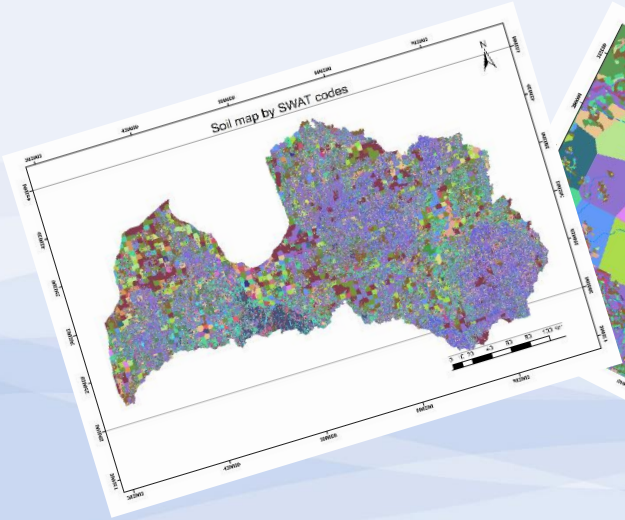
✓mitigate effects of **hydrological and morphological alterations**, focusing not only on dams, but also on drainage systems:

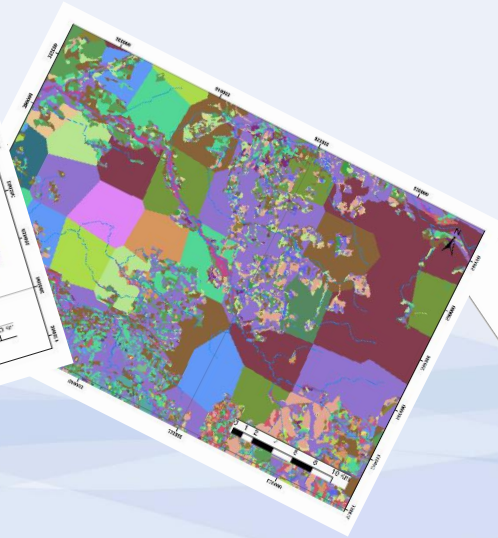
- **survey of 4 rivers** along their entire length;
- **inspection of drainage systems** and construction of environmentally friendly elements, incl. culvert reconstruction
- **construction of a fish pass** (on Aģe HPP)
- **calculation of ecological flow regime** for HPPs in 4 rivers - Aģe, Mergupe,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

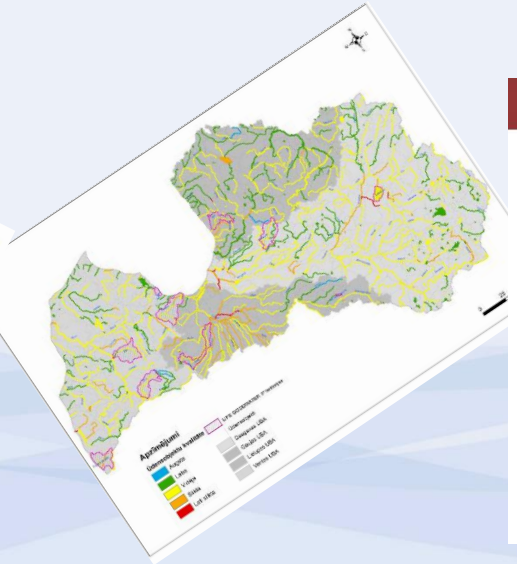
SPECIFIC OBJECTIVES

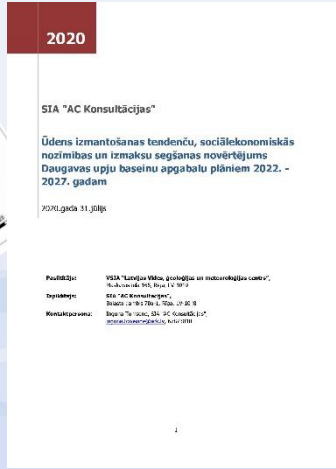
✓improvement of **river basin management planning** and implementation mechanisms:

- **intensive monitoring** in the project's rivers and lakes;
- **SWAT+ model** for determination of nitrogen and phosphorus loads;
- 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:
  - 1st stage = 35 proposals → 6 for detailed elaboration → 4 implemented/in progress
  - 2nd stage = 8 proposals → 4 for detailed elaboration

PLANNED NATURE BASED SOLUTIONS

Plan to implement AND TEST **measures for improving the ecological quality** and assess their effectiveness:

- build and test the applicability of **sustainable and environmentally friendly drainage system elements** – *constructed wetlands, controlled drainage etc.*

Photos: Ainis Lagzdiņš, Source: NUTRINFLOW project

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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.

State Regional Development Agency Republic of Latvia