

Fourth Forum for the EU Mission on Adaptation to Climate Change



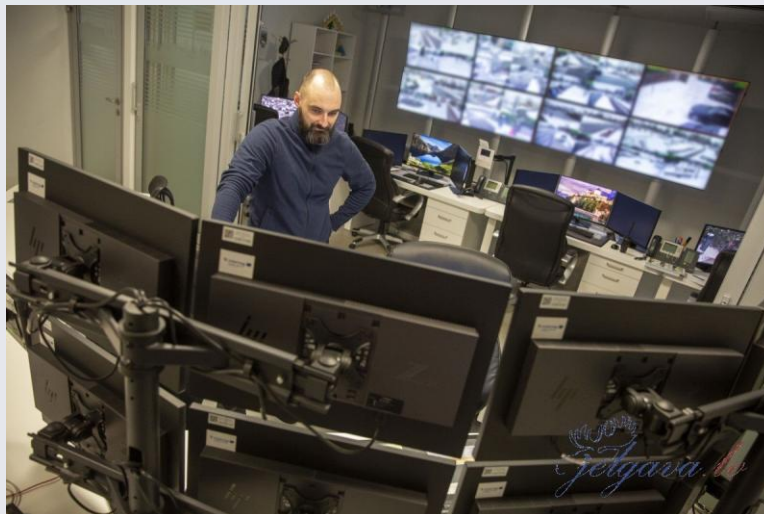
Wrocław, Poland
20.05.2025

Panel 3: Innovation is key



Climate Projects for Zemgale Region

IMPETUS



NATALIE



RESIST



Zemgale Planning Region



Function – coordination of regional development

Tools:

- planning / elaboration of planning documents
- implementation / projects



ZPR Development Programme 2021-2027

Priority 5 – Climate changes, environment, circle economy



IMPETUS (2021 – 2025)



To foster adaptation to climate change in Europe by implementing targeted innovative solutions at regional level, [www.https://climate-impetus.eu](https://climate-impetus.eu)

Demonstration of solutions in 7 pilot territories (bio-geographical regions)



Zemgale Demo-site:

- Climate Change Adaptation Plan for the Zemgale Region;
- Develop a manual for early warning and data processing solutions;
- Improve existing early warning solutions;
- Integrate into the national early warning system.



RESIST (2023 – 2027)



Regional and local activities:

- Survey and research of the Bauska industrial zone and other potential sites in relation to the rise in water levels after heavy rains;
- Groundwater level monitoring in cooperation with Riga Technical University (IoT loggers);
- Modeling of territorial scenarios, their visualization;
- Modeling scenarios in Iecava river basin, Bauska municipality;
- Investigation for Nature Based Solutions (artificial wetland, for example).



IMPORTANT !

Knowledge exchange and **transfer from project partners.** In Zemgale case – CentralDenmark Region, Eastern Macedonia and Thrace, Greece.





NATALIE (2023 – 2028)

NATALIE Project: Nature-Based Solutions for Climate Change

Planned activities in Zemgale Region:

Zemgale pilot territories will conduct research related to the topic **of water**.

- Establish 2 new and monitor them along with 4 operational **constructed wetlands** for treatment of wastewater from small settlements and agricultural/industrial activities,
- Estimate **the potential for constructed wetlands** in the region.

IMPORTANT!

In the project, the follower region for the Zemgale region is the Biržai District Municipality in Lithuania, which cooperates and will take over the experience gained at the end of the project.



Thank you!

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