





Zemgale Planning Region

RESIST Project



15.06.2023, Vilnius / NEXOGENESIS 3rd Stakeholder Workhop







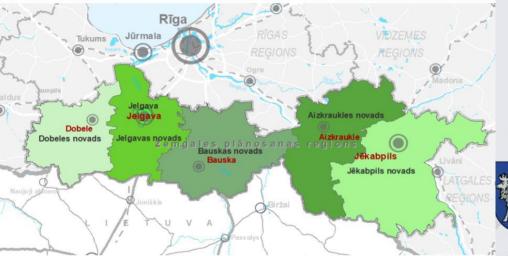


Zemgale Region

- Population 230,000; Latvians 72% (Latvia 63%)
- The third largest higher education institution in Latvia is located in Zemgale – Latvia University of Life Sciences and technologies
- Fertile agricultural lands occupy 39% of the area of the region, the proportion of forests 42.1%.
- There are 6 municipalities in Zemgale Jelgava, the 4th largest Latvia city with the status of a state city, and 5 counties
- There is a dense network of roads in Zemgale, the construction of the RAIL BALTICA high-speed railway has started







Zemgale Region





- The terrain, climatic conditions and soils are favorable **for agriculture**, the territory of the region is 16.6% of Latvia, and the share of arable land is 27% of Latvia.
- Areas of meadows and pastures are decreasing: a burden on the development of characteristic species.
- Dense network of (small) rivers: significant water pollution load.
- In Zemgale there are two largest river basins of Latvia Daugava and Lielupe.

Increased risk of flooding: a significant threat to society and economic sectors from climate

change.











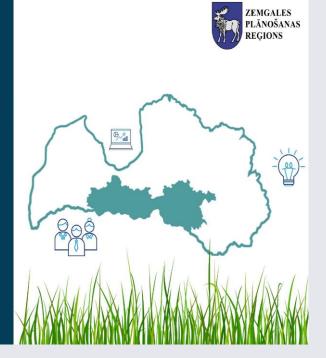


- New Zemgale Region Development Program (ZRDP) 2021-2027 approved in Regional Council meeting in December, 2021
- ZRDP includes RESIST thematics in the two program priorities –
 P5 Climate change, environment and circular economy
 P9 Public safety
- Other documents related with Climate change
 - Energy Action Plan 2018-2025

 Energy Efficiency, Renewable Energy Sources
 - Mobility Plan 2021-2030
 Green Transport, Alternative Fuel
 - Under elaboration Climate Change Adaptation Plan

ZEMGALES
PLĀNOŠANAS
REĢIONA
ATTĪSTĪBAS
PROGRAMMA
2021-2027

STRATĒĢISKĀ DAĻA RĪCĪBAS PLĀNS









IMPETUS Project





DYNAMIC INFORMATION MANAGEMENT APPROACH FOR THE IMPLEMENTATION OF CLIMATE RESILIENT ADAPTATION PACKAGES IN EUROPEAN REGIONS

Horizon 2020 / Climate-resilient Innovation Packages for EU regions

The project provides following **pilot actions** for Zemgale boreal region:

- Improvement of the rapid flood warning systemin the city of Jelgava and its expansion at the regional level
- ➤ Elaboration of Zemgale Climate Change Adaptation Plan

IMPORTANT!

RESIST and IMPETUS should co-operate and supplement each other.





















RESIST Regions for climate change resilience through Innovation, Science and Techno

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Floods in Zemgale / Urban area







Bauska City





Jelgava City

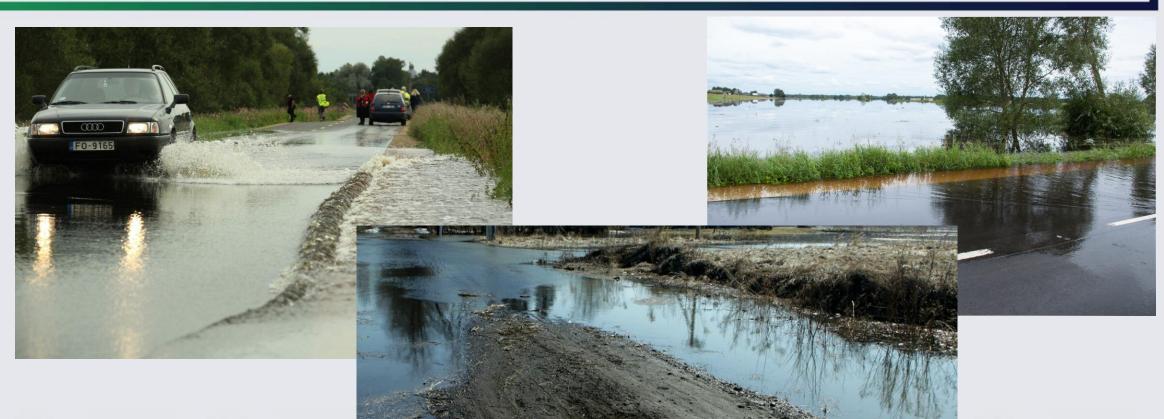


Pļaviņas City

















Floods in Zemgale / Biodiversity













- The EU's framework program for research and innovation Horizon Europe Building a low-carbon and climateresilient future: research and innovation in support of the European Green Deal
- Zemgale Planning Region: EUR 400,000
- Time of project implementation: January 1, 2023 -December 31, 2027
- 56 partners from European countries, leading Sintef (Norway)







RESIST and Zemgale

- ✓ International co-operation:
 - Participation in common activities
 - Information exchange and best practices/ good examples
 - LSD and co-operation with Region Midtjylland and Region Blekinge (for example data collection, methodology, monitoring, action planning etc.)
- ✓ Regional and local actions:
 - Equipping the Jēkabpils operational information and monitoring center covering monitoring of Daugava River Basin in flood area in the Jekabpils and Aizkraukle municipal territories for the purposes of the pilot demonstration (computers, servers, monitoring software, operational equipment, etc.)
 - Purchase and installation of flood monitoring station
 - Sensors with software and data transmission to the monitoring center placed in sewer wells and warning of rising groundwater levels
 - Video surveillance system/cameras
 - Stakeholder meetings/seminars
 - Publicity, dissemination









On December 20, 2022, the Development Council of the Region made a decision to support the joining of the Zemgale planning region to the Climate Change Adaptation Mission of the European Commission.

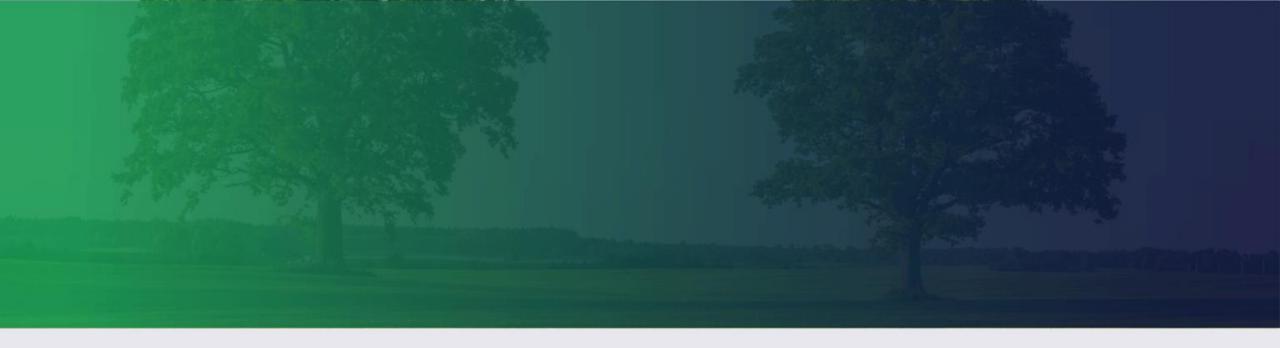
On this same date, the chairman of the Council signed the Charter of the Mission Task.

Zemgale region, is the second region of

Latvia that will be represented in the mentioned international cooperation.







Thank you!

Raitis Madžulis

+371 63 028 085

+371 29 534 718

raitis.madzulis@zpr.gov.lv

Katoļu iela 2BJelgava,

LV-3001

Latvija

