



Innovations for Sustainable Mobility & Energy Efficiency in Limbazi Region

CERV Project
Green Move

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Innovative technologies of energy efficiency in Limbazi region



Limbazi Region is an excellent example in the field of energy efficiency!

- One of the first regions in Latvia to start using the ESCO (Energy Service Company) investment model for lighting modernization in educational institutions.
- Energy-efficient lighting has been introduced in more than 35 facilities, including schools, kindergartens, gyms and street lighting.
- The fourth lighting modernization measure project in Limbazi municipality since 2021.
- Transition to LED lighting significantly reduces energy consumption and carbon emissions in Limbazi Region.

Innovative technologies of energy efficiency in Limbazi region



**Illumination of Limbazi
Mazezers lake on the
occasion of Independence
Day Celebration of Latvia**

- This project is another step towards creating a sustainable and energy-efficient future, which provides both economic and environmental benefits for the Limbazi Region residents and the municipality.
- Limbazi municipality has become a model for other municipalities, demonstrating how the ESCO model can be successfully used to improve energy efficiency without additional financial burden on the municipal budget.

Innovative practices of sustainable mobility in Limbazi region



**Greenways Network of
Latvia in rural areas of the
country**

- Main objectives of the initiative were to promote sustainable tourism, improve public health and foster social inclusion by making mobility more accessible.
- Limbazi region is one of the municipalities actively involved in the Greenways Network.
- Innovative initiative that transforms disused railway lines into safe, low-carbon, non-motorised transport corridors used mainly for hiking, cycling and recreational trips.
- The green routes of Limbazi Region called Limbazi Green Path and Trail of Limbazi Great Lake cover a variety of region's districts, offering both locals and visitors an environmentally friendly alternative to traveling by car.

Challenges of sustainable mobility in Limbazi region



**Greenways Network of
Latvia in rural areas of the
country**

- Purposefully designed with gentle gradients and smooth surfaces, making them particularly suitable for the elderly, families with children, people with disabilities and less experienced cyclists.
- Connect smaller rural villages, thus bridging geographical and social gaps, where traditional public transport is limited or unavailable.
- Support local economy by attracting eco-minded tourists and creating new opportunities for small businesses such as guesthouses, cafes and bicycle and horse riding rental services.
- Since its launch, the Greenways Network has recorded more than 357 000 visits, demonstrating its effectiveness in regenerating underused rural infrastructure and promoting low-impact mobility.

Solutions for ensuring sustainable mobility in Limbazi region



**Greenways Network of
Latvia in rural areas of the
country**

- Securing agreements with private and public landowners for the use of land along the former railway lines. This required extensive communication and collaboration with local communities, policymakers, and heritage managers to ensure mutual benefits and sustainable development.
- Farm dogs of the owners whose houses were close to the previous railways freely running around their and other properties. This turned out to be a danger, when the railways were turned into a cycling and walking trail, frightening pedestrians and cyclists.



**Limbazi Region
Development Program for
2022-2028
Sustainable Development
Strategy for 2022-2046**

Collaboration among stakeholders enhancing sustainable mobility and energy efficiency

- Sustainable Development Strategy emphasizes a collaborative, inclusive, and multi-stakeholder approach to regional development.
- Strategy recognizes that sustainable progress requires active engagement from local communities, NGOs, the private sector, and other relevant actors.
- Collaboration includes community-led initiatives.
- Strategy acknowledges the vital role of NGOs in promoting civic engagement.
- All stakeholders have access to information and opportunities to participate in the development process.
- Enhances skills and knowledge in areas related to sustainable development, entrepreneurship, and governance.

Democratic dialogue and community engagement in sustainable mobility initiatives



**Together in motion:
building sustainable
mobility through
democratic engagement.**

- Open community workshops and seminars .
- Mobile municipality teams to remote Limbazi villages.
- Planning funding in the municipality's budget for NGOs.
- Engagement of parish councils bridging authorities and residents.
- Foundation of Limbazi Region Cooperative.
- Digital feedback in Limbazi municipality website.
- Publishing community's achievements in municipality's website. and newspaper.
- Public information campaigns organized by Public Relations of the municipality.
- Public monthly Council Meetings.

Strengthening sense of European identity



**One Europe
Many Voices
Shared Identity**

- Promotion of the horizontal EC priority Environment and fight against climate change by the municipality and BK-95.
- Involvement in different European initiatives helping exchange experience and learn best practices within the context of EU and beyond.
- BK-95 is an inspiration for other organizations in promoting and ensuring sustainability and protecting environment.
 - Coordinator of 3 Erasmus+ sustainability initiatives in 1 year.
 - Partner of 6 Erasmus+ sustainability initiatives in 2 years.
 - Real deal organization leading cleaning of the Black Sea coast in Kobuleti, Georgia with 4 other EU and 2 non EU countries.

Cleaning of the Black Sea coast in Kobuleti, Georgia

7 COUNTRIES

28 PARTICIPANTS

MAY, 2025



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Evaluation of the impact of sustainable mobility and energy efficiency



**From knowledge to action
building capacity for lasting
impact**

- Comprehensive, multi-layered approach integrating data collection, analysis and stakeholder involvement.
- Use of smart technologies such as sensors, GPS tracking and energy meters to obtain real-time information on transport patterns, fuel consumption, energy use and emissions.
- Surveys and feedback.
- Public consultative process.

Thank you for your attention!

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