



region
lodzkie



LCA4Regions
Interreg Europe



European Union
European Regional
Development Fund

LCA4Regions - impact and follow-up actions

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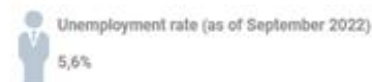
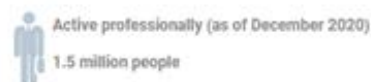
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6.06.2023 Life cycle circularity for European regions
FINAL CONFERENCE



The Lodzkie
Region –
in the centre
of Poland
in the centre
of Europe



<https://www.investinlodzkie.com/basic-data-about-the-lodzkie-region-invest-in-the-lodzkie-region/?lang=en>

Action Plan – Lodzkie Region

- **LCA4Regions and the preparation of the *European Funds for Lodzkie 2021-2027* program ran almost in parallel and in a way enabling the inclusion in the program of broadly understood circular economy issues, including LCA approach**
- **this concept was constantly strengthened and inspired by good practices identified in the LCA4Regions project**
 - ✓ KEINO - Competence, consulting and training center for the implementation of circular economy solutions (Finland)
 - ✓ Clean Plastic Finland (CPF) - recycling of plastic waste from agriculture (Finland)
 - ✓ Fortum Waste Solutions – recycling in the plastics sector (Finland)
 - ✓ Application of Life-cycle assessment in optimization of municipal waste management systems (Lithuania)
 - ✓ Green public procurement in Slovenia - training modules in the field of green public procurement taking into account life cycle methodologies, e.g. LCC (Slovenia)
 - ✓ workshops "Process planning and multi-criteria decision making in a circular economy" and "Introducing circular changes in the economy through product life cycle analysis (LCA) (Slovenia)
 - ✓ "Comparative life cycle assessment of alternative packaging materials for beverage (Slovenia)
 - ✓ "Promoting education / awareness through an e-learning course on construction and demolition waste" (Portugal)
 - ✓ training courses "Business models in the circular economy" and "Life cycle analysis (LCA) and carbon footprint (CF)" (Spain)

Introduction of LCA issues to the program European Funds for Lodzkie 2021-2027 and implementation documents



European Funds for Lodzkie 2021-2027

- ❑ program approved by the European Commission on December 5, 2022
- ❑ allocation 2 744 942 943 EUR
- ❑ consists of 12 priorities
- ❑ defines the main areas and directions of activities for the development of the Lodzkie Region with the use of the EU funds for 2021-2027
- ❑ program supports changes towards a circular economy, including LCA tools

European Funds for Lodzkie 2021-2027 - priorities

- ❑ **1. EUROPEAN FUNDS FOR INNOVATIVE LODZKIE**
- ❑ **2. EUROPEAN FUNDS FOR GREEN LODZKIE**
- ❑ 3. EUROPEAN FUNDS FOR MOBILE LODZKIE
- ❑ 4. EUROPEAN FUNDS FOR A BETTER CONNECTED LODZKIE
- ❑ 5. EUROPEAN FUNDS FOR LOCAL DEVELOPMENT IN LODZKIE
- ❑ 6. EUROPEAN FUNDS FOR LODZKIE FRIENDLY TO RESIDENTS
- ❑ 7. EUROPEAN FUNDS FOR EMPLOYMENT AND INTEGRATION IN LODZKIE
- ❑ 8. EUROPEAN FUNDS FOR EDUCATION AND STAFF IN LODZKIE
- ❑ **9. EUROPEAN FUNDS FOR LODZKIE IN TRANSFORMATION**
- ❑ 10. ERDF TECHNICAL ASSISTANCE
- ❑ 11. ESF+ TECHNICAL ASSISTANCE
- ❑ 12. JTF TECHNICAL ASSISTANCE



European Funds for Lodzkie 2021-2027

2. EUROPEAN FUNDS FOR GREEN LODZKIE

Specific objective: RSO2.6. Supporting the transition towards a circular and resource-efficient economy (ERDF)

Interregional, cross-border and transnational activities:

Part of the scope of intervention was introduced in connection with the experience developed in other countries (e.g. Spain, Finland, Portugal, Slovenia) **under the international projects LCA4Regions (product life cycle instruments)**, REPLACE (CE), AQUARES (reuse of water). In the implementation of other international projects, efforts will be made to implement solutions developed in the course of EFL2027 (depending on the subject of future projects in which the region will be a partner).

Projects related to other international programs or international projects, e.g. those using good practices developed as part of international projects, will be rewarded.

Detailed Description of the Priorities of the program European Funds for Lodzkie 2021-2027

The subject of LCA was included in particular in the following measures:

- ❑ Measure FELD.01.06 Investments in SMEs – FI
- ❑ Measure FELD.02.13 Circular economy
- ❑ Measure FELD.02.14 Circular economy – FI
- ❑ Measure FELD.09.01 Economy in transformation

Detailed Description of the Priorities of the program European Funds for Lodzkie 2021-2027

Measure FELD.01.06 Investments in SMEs – FI

Project type: implementation of circular economy solutions

- ❑ Only **implementing the results of R&D works in the field of circular economy**, including: eco-design of products and packaging, necessary changes in production or service processes.
- ❑ The subsidy component under the FI will be applicable to **support pre-investment activities in the field of circular economy**, only as part of the project (e.g. conceptual work related to the eco-design of products and packaging, advisory and training support, environmental audits, technical and economic analyses, e.g. **in the field of LCA, PEF, ETV**).

Detailed Description of the Priorities of the program European Funds for Lodzkie 2021-2027

Measure FELD.02.13 Circular economy

Project type: circular economy support in enterprises

- ❑ Only **pre-investment activities in the field of circular economy** (e.g. conceptual work related to the stage of eco-design of products and packaging and necessary changes in production or service processes, purchase of consulting and training services, development of environmental audits, technical and economic analyzes - e.g. **in the field of LCA, PEF, ETV**).
- ❑ The measure will support only projects that are **not research and development projects** (including those that **do not implement the results of R&D works**).

Detailed Description of the Priorities of the program European Funds for Lodzkie 2021-2027

Measure FELD.02.13 Circular economy

Project type: investments in the field of selective collection (combined with education of the local community covered by the project, including promotion of reuse), installations for processing bio-waste, installations for cleaning selectively collected waste or waste recycling

Project type: investments to prevent waste or promote reuse

Project type: education or consulting in the field of circular economy, preparation of planning documents relating to circular economy

Detailed Description of the Priorities of the program European Funds for Lodzkie 2021-2027

Measure FELD.02.14 Circular economy - FI

Project type: circular economy support in enterprises

- ❑ **Circular economy support in enterprises** (e.g. construction, reconstruction, modernization of production installations, purchase of industrial equipment) will be implemented with the use of FI, with the possibility of using a subsidy component.
- ❑ The subsidy component under the FI will be applicable to **support pre-investment activities** (e.g. conceptual work related to the stage of eco-design of products and packaging and detailed changes in production or service processes, purchase of consulting and training services, examination of environmental audits, technical and economic analyzes - e.g. **in the range of LCA, PEF, ETV**).
- ❑ Support is **not granted for investments in the field of research and development projects** (including the implementation of the results of R&D works).

Detailed Description of the Priorities of the program European Funds for Lodzkie 2021-2027

Measure FELD.09.01 Economy in transformation

Project type: implementation of circular economy solutions in enterprises

- **Implementation of solutions in the field of circular economy**, including: eco-design of products and packaging, necessary changes in production or service processes, consulting and training support, environmental audits, technical and economic analyses, e.g. **in the field of LCA, PEF, ETV**).

Project selection criteria: International cooperation

Is the **project related to other international programs or projects**, i.e.:

- ❑ it is planned to use the good practices developed as part of international projects or
- ❑ knowledge exchange, consultation or implementation of the project in cooperation with partners from other countries is planned, or
- ❑ the project is complementary to the international project.

ASSESSMENT:

0 - the project does not meet the above conditions

2 - the project meets the above conditions

Project selection criteria: Project scope

The scope planned to be implemented under the project is assessed.

ASSESSMENT:

- ❑ 0 - the following scope is not planned

The project in its scope includes:

- ❑ 3 - conceptual work related to the stage of eco-design of products
- ❑ 3 - conceptual work related to the stage of eco-design of packaging
- ❑ 2 - conceptual work related to the necessary changes in production or service processes in the field of circular economy
- ❑ 2 - consulting and training services in the field of circular economy
- ❑ 3 – supporting industrial symbiosis
- ❑ 2 - PEF, **LCA**, ETV

The points within the criterion add up.

Project selection criteria

It is possible to include LCA issues in the project selection criteria, which are planned to be developed at a later stage.





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Thank you!

Questions welcome

www.interregeurope.eu/LCA4Regions