



European Union
European Regional
Development Fund

REPLACE
Interreg Europe



REPLACE LOCAL ANALYSIS

Lodzkie Region, Poland



Description

The study aims to diagnose the situation in terms of identifying areas for improvement in the management, monitoring and implementation of regional policies that stimulate sustainable development. In line with the objectives of the REPLACE project, it attempts to identify processes of economic transformation towards a circular economy. The document also indicates areas which are a source of challenges. They are the domain of traditional consumption models (of the "obtain - produce - use - throw away" type). Such an approach generates problems on a regional and national scale, related to excessive harmful emissions, uncontrolled waste streams and adversely affects the climate and ecosystems. The main intention of the results of the analysis here presented is the development of solutions on a regional scale and the definition of activities focusing on identification, valuation, assessment of local potential and possibilities of project financing. Data for the study was collected from publicly available sources listed at the end of the study and through intensified contacts with stakeholders, as well as during data collection and experience sharing at stakeholder events mentioned below. These activities took about seven months.

Stakeholder engagement

Lodzkie Region cooperate with representatives of academy, enterprises, administration and NGO's, according to quadruple helix model, what allows to build societal acceptance, effectiveness and pro-environmental changes within broad-based innovation on a regional scale. Stakeholders involvement occurred within various activities, deployed in collaboration with a number of pro-environmental projects, referring to circular economy, water management, decarbonisation process, public procurement LCA methodology, co-financed by Horizon 2020 and INTERREG EUROPE Programmes.

In particular, REPLACE project's stakeholders are active in the fields of energy efficiency in construction and industry, environmental certification, eco-design, digitalisation of production processes, industry 4.0, packaging economy, advanced circular economy projects, etc. During the numerous discussions, expert panels, consultations and preparations - stakeholders demonstrate their knowledge, experience and full involvement in the circular economy and in the transition and they provided valuable inputs, assistance and data for cooperation on good practices.

Results

The results of the Local Analysis have validated the current status of selected sectors of the regional economy and their willingness and readiness to transform towards more circular and sustainable economic models, in line with the context of the Regional policies.

The data quoted can facilitate the achievement of optimal and possible circular economy standards. This will be done by identifying the strengths as well as the scale of challenges for sectors with the greatest opportunities for green transformation. These are the identified strategic industries for the Region, with significant energy and resource-intensive activities related to food production, textiles, construction and energy. This can facilitate the transition towards modern and green organisational and technological solutions. They will take into account complex local conditions but also international development aspirations (especially taking into consideration) the central location of the Region and its traditions as well as industrial, logistic, R&D and scientific potential.

Focus Sectors

Thematic sectors (Region's RIS) were considered from the point of view of, inter alia, the development of energy efficiency, rational resource management and the development of R&D and scientific, logistics and transport potential:

- Innovative Agriculture and Agro-Food Processing
- Energy (including Renewable Energy Sources)
- Construction, Advanced Building Materials
- Modern Textile and Fashion Industry (including design)

REPLACE
Interreg Europe



European Union
European Regional
Development Fund