



SUSTAINABLE REVITALIZATION OF DEGRADATED BUILDINGS AND AREAS



Erasmus+

SUSTAINABLE REVITALIZATION OF DEGRADATED BUILDINGS AND AREAS

REVITALIZATION: SUSTAINABLE DEVELOPMENT

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According to the National Institute for Spatial Policy and Housing almost 20% of urban areas in Poland (inhabited by about 2.4 million inhabitants) can be described as degraded areas.

They require comprehensive and effective revitalization.

Effective revitalization is one that is carried out in accordance with sustainable development

SUSTAINABLE DEVELOPMENT

Concept introduced for the first time by the World Commission on Environment and Development in the report "Our common future" in 1987:

The possibility of such development that meets the needs of the present without compromising the ability of future generations to meet their own needs

SUSTAINABLE DEVELOPMENT

Sustainable development of the Earth is a development that meets the **basic needs** of all human beings and which **conserve, protect** and **restore** the health and integrity of the Earth's ecosystem, without compromising the ability of **future generations** to meet their own needs and without going over the limits of long term capacity of the earth's ecosystem

SUSTAINABLE DEVELOPMENT

It contains within it two key concepts:

- The concept of **needs**, in particular the essential needs of the world's poor, to which overriding priority should be given,
- The idea of **limitations** imposed by the state of technology and social organization on the environment ability to meet present and future needs

LEIPZIG CHARTER ON SUSTAINABLE EUROPEAN CITIES

Document prepared in 2007 by European Union Member States defining common principles of urban sustainable development

MOTTO: Europe needs cities and regions which are strong and good to live in

LEIPZIG CHARTER ON SUSTAINABLE EUROPEAN CITIES

Main recommendations of the Charter:

- Making greater use of integrated urban development policy approaches,
- That special attention is paid to deprived neighbourhoods within the context of the city as a whole

LEIPZIG CHARTER ON SUSTAINABLE EUROPEAN CITIES

The strategies for actions – 1 objective:

- Creating and ensuring high-quality **public spaces**,
- Modernizing **infrastructure networks** and improving **energy efficiency**,
- Proactive **innovation** and **educational policies**

LEIPZIG CHARTER ON SUSTAINABLE EUROPEAN CITIES

The strategies for actions – 2 objective:

- Pursuing strategies for upgrading the **physical environment**,
- Strengthening the local **economy** and local labour market policy,
- Proactive **education** and training policies for children and young people,
- Promotion of efficient and affordable **urban transport**

The Leipzig Charter is an expression of concern of the EU for the future of cities. There are legal records in the Official Journal of the European Union that concern conducting revitalization in accordance with the principles of sustainable development, eg:

- *Cities are responsible for 70% of greenhouse gas emissions and that the Leipzig Charter calls them to reduce carbon emissions, protect natural resources and biodiversity, reduce energy consumption and promote access to public services*

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- *UE recognizes the importance of green areas and water reservoirs in revitalization programs. They make a significant contribution to improving the climate [...] providing clean air, filtering pollution and reducing noise*

The Leipzig Charter is an expression of concern of the EU for the future of cities. There are legal records in the Official Journal of the European Union that concern conducting revitalization in accordance with the principles of sustainable development, eg:

- *UE emphasizes that housing is one of the most important revitalization issues, and one of its main goals is to improve the living conditions of social excluded groups*

HOW TO REVITALIZE

The answer to this question is included in national and European doctrines which speak about the inseparability of revitalization with sustainable development.

The practical proposed form of revitalization can be summarized in the **5 x R assumptions:**

1. Reduce,
2. Reuse,
3. Recycle,
4. Renewable,
5. Rethink

REDUCE

Reducing, limiting the use of elements affecting the natural environment, such as: production of heat and electricity, use of water and available natural resources

REUSE

Reusing already created and originally used materials and resources

RECYCLE

Reprocessing and using
waste

RENEWABLE

Using renewable energy sources, such as solar radiation, wind and water energy, and groundwater heat

RETHINK

Reflection on the consequences of actions and decisions and optimization of the adopted solutions

Only such a broad approach to the subject can ensure proper - balanced direction of revitalization of Polish cities



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