



REPUBLIC OF SLOVENIA  
MINISTRY OF THE ENVIRONMENT,  
CLIMATE AND ENERGY

# Boosting waste recycling into valuable products by setting the environment for a circular economy in Slovenia

## Presentation of the project LIFE IP RESTART

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Co-financed by the European Union



Waste counts.





## Project background

The project stems from the desire to support the implementation of the actions set out in the adopted programs and commitments

- to reduce the largest waste streams → construction waste demolition and thermal process waste, mining waste and sludge from municipal wastewater treatment plants
- to overcome barriers in achieving EU environmental targets
- to support the implementation of the measures in the **Waste Management and Prevention Program**



## The aim of the project

Through raising awareness among key stakeholders, developing technological solutions and influencing legislative change, the aim is to create the conditions for the development of a circular economy in the construction waste sector in Slovenia.

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**9 years (2022-2030), EUR 17 million**



## Project objectives

1. 6 demonstration actions carried out and dissemination of their resulting outcomes
2. Establishment of a legislative framework to support circular practices in the management of construction waste in Slovenia
3. Enhanced stakeholder awareness of the advantages of adopting a circular model



## Public-private partnership of 16 stakeholders

Public company waste management centre Puconci, Deltaplan, Drava hydropower plants Maribor, Faculty of biology (UL), Geological survey of Slovenia, Georudeko, Chamber of commerce of Slovenia, Institute for hydraulic research, Jožef Stefan institute, Nerinvest, Nigrad, Result, RGP, SOL.LEX.SUS and Slovenian institute of civil engineering

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### **Project coordinator**

Ministry of Environment, Climate and Energy of the Republic of Slovenia



## OVERVIEW OF ACTIVITIES

### Preparatory actions in the field of waste management

1. Circular economy technical framework
2. Initial evaluation of the legal framework
3. Initial review of policies and governance
4. Initial review of the educational and social framework
5. Evaluation of the state of digitalization
6. Establishment of organizational structures and human capital
7. Framework for the continuous optimization and evolution of waste management programs
8. Environmental and other permits
9. Reengineering for the adoption of circular business models



## ACTIVITY OVERVIEW: **Implementation initiatives**

1. Performance monitoring of waste management program measures
2. Policy improvements for sustainable and circular transition
3. Technical and legal professional improvements
4. Circular governance improvements
5. Activation of complementary financial resources
6. Digitalization of waste management
7. Technical guidelines and competencies for recycling
8. Training for public decision-makers and stakeholders
9. Implementation of circular economy in the private sector
10. Innovative models and engineering solutions for waste treatment into new products



## OVERVIEW OF ACTIVITIES:

### Demonstration actions

1. Production of topsoil and mining revitalization (Reclamation of mining areas)
2. Recycling dredging spoil for increased flood safety (Lake Ptuj)
3. Preventing illegal dumping (Maribor)
4. Urban loops – SRM investment bank (Dogoše)
5. Production of secondary raw materials through industrial landfill mining (Andraž nad Polzelo)
6. Extraction of critical raw materials and recycling of sewage sludge (Puconci)



## Engagement with key stakeholders

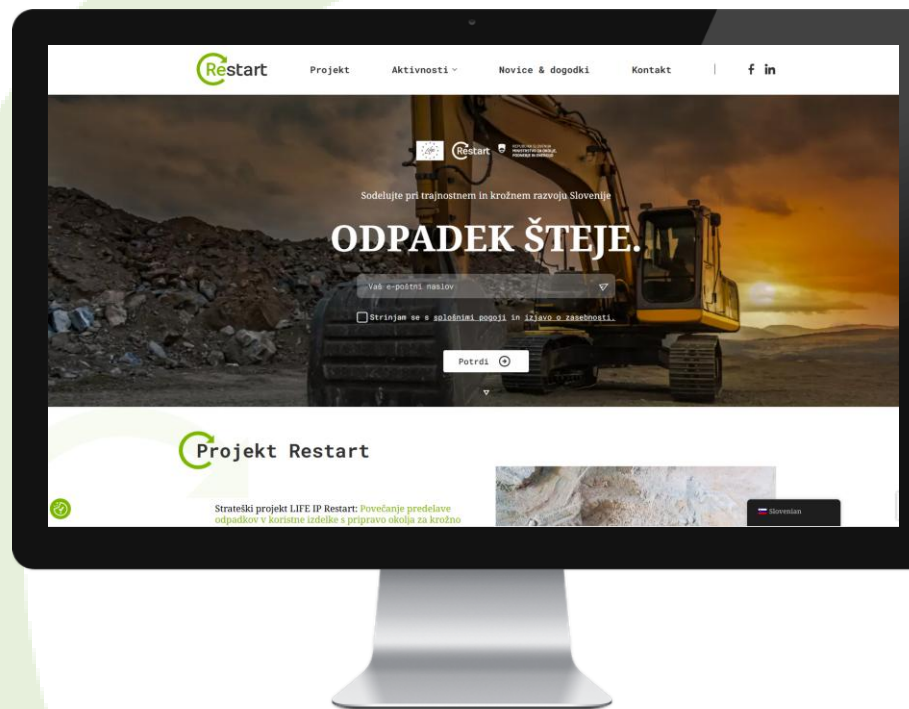
Our strategic focus is on a selected group of stakeholders with whom we can actively collaborate within the project framework to implement activities and achieve the expected results. These are:

- selected construction companies – larger (general), smaller (specialized), infrastructure construction, market-oriented construction, etc.;
- key public investors;
- ministries responsible for relevant legislation;
- our project partners.



## Engagement with key stakeholders

- Selection of key segments
- Project presentation
- Conducting interviews and recording opportunities
- Development of a stakeholder engagement plan
- Meetings and events – Networking
- Stakeholder survey
- Publication of reports





## Expected outcomes of the project by 2030

**13%** – reduction of CO<sub>2</sub> emissions in waste management

**30 %** – recycling rate of non-hazardous construction and demolition waste

**50%** – reduction of the amount of deposited steel slag

**20 %** – reduction in the use of non-metallic mineral resources

**5 %** – rehabilitated land areas

**60** – replications and transfers of project activities



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# THANK YOU FOR YOUR ATTENTION!

More information:  
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