



Energy Recovery from Municipal Solid Waste by Thermal
Conversion Technologies in Cross-border Region

EnyMSW



The Project is co-financed by the
European Union



PARTNERSHIP WITHOUT BORDERS

Lead beneficiary



Technical University of Cluj-Napoca
North University Center of Baia Mare,
Romania



Ivano-Frankivsk National Technical
University of Oil and Gas,
Ukraine



Technical University of Kosice,
Faculty of Manufacturing Technologies
with seat in Prešov,
Slovak Republic

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ROMANIA-UKRAINE Programme please visit: huskroua-cbc.eu/
For more information about the Project please visit:
enymsw.eu/#

Energy Recovery from Municipal Solid Waste
by Thermal Conversion Technologies in
Cross-border Region - EnyMSW
Ref.: HUSKROUA/1702/6.1/0015

The project is co-financed by the
European Union under
Hungary-Slovakia-Romania-Ukraine
ENI Cross-border Cooperation Programme
2014-2020

EU Contribution: 260, 450.66 EUR

Implementation period:
01 November 2019 – 31 October 2020



MAIN ACTIVITIES:

- ✓ Analysis of the system of management of the MSW in Maramureş county , Ivano-Frankivska region and Prešovky region
- ✓ The Laboratory „Small scale system for thermal treatment of municipal solid waste” set up
- ✓ Performing the laboratory analyses of samples taken from municipal landfills
- ✓ Determination of the calorific value of the samples
- ✓ Determination of MSW energy potential in MSW in Maramureş county , Ivano-Frankivska Region and Prešovky Region
- ✓ Determination of the waste mass reduction ratio by thermal treatment
- ✓ Creating the Electronic Monitoring Platform for managing data referring to study the energy recovery from municipal solid waste by thermal conversion technologies
- ✓ Organizing the Start-up meeting, in Baia Mare
- ✓ Organizing two workshops, in Prešov and in Ivano-Frankivsk
- ✓ Organizing three dissemination conferences, in Maramureş county, Ivano-Frankivska region and Prešovky region
- ✓ Organizing two meetings for exchange of best practices and expertise, in Maramureş county and in Prešovky region
- ✓ Publishing three studies which include proposals for completing the regional policies with methods and technologies for the thermal treatment of municipal solid waste with energy recovery
- ✓ Publishing one study which include a proposal for cooperation in order to recover energy from municipal solid waste by thermal conversion technologies in cross - border area
- ✓ Creating the website of the project : <http://enymsw.eu/#>
- ✓ Promoting the project and it's result by broadcasting three Video spots.

Overall objective:

To enhance cooperation in the common border Hungary-Slovakia-Romania-Ukraine in a sustainable economically and socially manner by creating relevant tools to support MSW management of energy recovery from municipal solid waste by thermal conversion technologies.

Specific objectives:

- **Promoting of cooperation among specialists and interested factors in the cross-border area;**
- **Offer of technical support to the key stakeholders in the cross-border area;**
- **Development of innovative management tools for energy recovery from municipal solid waste by thermal technology.**



The Member States of the European Union have decided to link together their know-how, resources and

destinies. Together, they have built a zone of stability, democracy and sustainable development whilst maintaining cultural diversity, tolerance and individual freedoms. The European Union is committed to sharing its achievements and its values with countries and peoples beyond its borders.

The Hungary-Slovakia-Romania-Ukraine ENI CBC Programme 2014-2020 provides EU funding for sustainable development along the border of Ukraine with Hungary, Slovakia and Romania, helps reducing differences in living standards and addressing common challenges across these borders.

