

Providing quality support for activities regarding Energy Efficiency (EE) and Renewable Energy Sources (RES) in the County of Medjimurje.

Legal name:	Medjimurje Energy Agency Ltd.
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#### **ABOUT:**



Medjimurje energy agency ltd. (acronym MENEA) was established in year 2008 as a part of the EU project "Creation of energy

agencies in Lleida (ES), Medjimurje (HR) and Montpellier (FR)" financed from Intelligent Energy – Europe (IEE). Agency establishment was initiated by County of Medjimurje and Regional development agency REDEA. County of Medjimurje is also MENEA's single owner.

MENEA was founded having in mind goal of promoting idea of sustainable development in accordance with actual needs in the area of the County of Medjimurje while promoting use of Renewable Energy Sources (RES) and Energy Efficiency (EE), which is in line with strategic goal of the County (promoting economic and social growth based on sustainable development and focused on innovation, knowledge transfer and preservation of natural and cultural heritage).

### **OBJECTIVES AND ACTIVITIES:**

MENEA's business activities include a wide range of activities through which information, technical and other needs of public and



private sector in area of RES and EE are satisfied. Among others, MENEA's activities include providing information and advice regarding energy through information and promotion channels, i.e. website, organizing seminars and workshops, projects implementation and through everyday direct contact with citizens and business community.

#### Agency's business activity:

- preparation of strategies, program and plan documents based on sustainable and rational consumption of energy and use of RES.
- technical support and preparation of projects related to energy, EE and RES;
- preparation of project applications for national and EU calls for public and private sector and project implementation after successful application;
- introduction of new technologies and services and finding of available funding sources;
- establishment of regional, national and international network of institutions and companies for the exchange of good

- practices, sustainable concepts and projects and joint implementation of projects;
- raising awareness, providing information, advice and education regarding EE and RES through seminars, good practices, promotional materials and website;
- regional central contact point for information and advices regarding EE and RES;

#### **SPECIAL INTEREST IN:**

- smart metering and automatization;
- energy performance contracting;
- nearly zero energy buildings (NZEB);
- use of geothermal energy;

- autonomous systems with advanced batteries;
- financing instruments for implementing EE and RES;
- energy-efficient public lighting (use of advanced energy-efficient technology solutions, remote monitoring, smart dimming and scene setting, intelligent energy metering);
- promoting the use of bicycles and e-bikes;
- social aspects (energy poverty, education of young people, social entrepreneurship);
- other innovative measures for energy efficiency (comprehensive refurbishment of buildings, SMEs, etc.);

#### **REFERENCES:**

### **National references:**

- Programme for energy efficiency in final consumption for Medjimurje County (2013 2015) and Energy efficiency action plan for Medjimurje County (2017 2019);
- Annual plans for energy efficiency at regional level (Annual plan for energy efficiency in Medjimurje County for 2015, 2016, 2017 and 2018);
- Energy management in the public buildings of the County of Medjimurje;
- Coordination and implementation of regional subsidiary program for households in the areas of EE and RES;
  - Solar collectors for Medjimurje
  - o Green office
  - Love Medjimurje Use renewable energy sources
  - o Love Medjimurje Save energy
- Energy audits of public lighting for towns and municipalities (Municipality of Nedelišće, Municipality of Delekovec, Town of Čakovec, Town of Koprivnica, Town of Prelog, Town of Mursko Središće);
- Energy audits for public buildings (Home for elderly and infirm people Slakovec);
- Sustainable Energy Action Plan (SEAP) for town of Prelog and town of Čakovec
- Photovoltaic systems design
- Coordination of broadband infrastructure documentation preparation

- Involved in integrated passenger transport documentation preparation;
- Coordination and implementation of projects approved for comprehensive energy refurbishment of public buildings in Medjimurje County (ERDF funds through national Operational programme).

## **International references:**

# **Project preparation:**

 HR GEOc Geothermae project on NER300 programme - construction of innovative geothermal power plant - EU award for innovative project.



# **EU** projects:

- Establishment of local energy agencies (IEE)
- Operational Programme Slovenia-Croatia (followed by European territorial cooperation Slovenia-Croatia);
  - o IR-OVE (IPA SI HR)
  - o BIOREGIO (ETC SI-HR)
  - o EUpeR (ETC SI-HR)
- Cross border Co-operation programme Hungary-Croatia
  - o EE SUN Energy Efficient Sustainable Urban Neighborhood
- Interreg Central Europe
  - Dynamic Light Towards
     Dynamic, Intelligent and Energy
     Efficient Urban Lighting
  - RURES Promote the Sustainable
     Use of Renewable Resources and
     Energy Efficiency in Rural
     Regions
- Interreg Danube Seed Money Facility
  - RuGeoHeat Analysis of the shallow geothermal energy exploitation potential and its' use in heating of rural and semirural area



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