

MENERGERS

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 Romania Final Conference

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Department "Municipal Energy Manager" – First steps in
Bulgaria

Department "Municipal Energy Manager" - First steps in Bulgaria



- Municipal Energy Manager (MEM) goals
 - To achieve a permanent reduction in energy consumption in municipal facilities.
 - To achieve a permanent reduction in greenhouse gas emissions.
 - Optimization of energy production, including use of Renewable Energy Sources.
 - To optimize the energy costs in municipal buildings.
 - To support the city's energy planning.

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Department "Municipal Energy Manager" - First steps in Bulgaria

■ Organizational structure of the Department "Municipal Energy Manager" (MEM)

- Organizational specificity (separate unit in the municipal structure or experts from different municipal units with a responsible coordinator).
- Operation rules.
- Internal coordination and communication rules.
- Team structure (experts) - Technical experts?, Economist? Head of the department with direct access to the management of the municipality (Deputy Mayor, Director of Directorate/Head of Department)



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Department "Municipal Energy Manager" - First steps in Bulgaria

■ Scope of the MEM Service

- objects: buildings?, transport?, outdoor artificial lighting?
- Energy production?



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Department "Municipal Energy Manager" - First steps in Bulgaria



■ Functions and Responsibilities

- Database maintenance for the objects included in MEM (technical data for the objects, energy status, data on used energy sources, energy consumption).
- Analysis and assessment of the state of the objects, energy sources, energy consumption, identification of inefficiencies.
- Proposing energy efficiency measures, including the search for more profitable energy suppliers, new energy sources (RES).
- Monitoring the achieved results of the applied energy efficiency measures and proposing corrective actions if necessary.
- Periodic assessment of available and necessary resources for implementation of municipal energy management (financial, technical ...).
- "Cost-Benefit analysis" on an annual basis for the applied energy efficiency measures.
- Assists the municipality in synchronizing national policies in the field of energy.
- Assists the municipality in the process of strategic and operational planning in the field of energy.

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Department "Municipal Energy Manager" - First steps in Bulgaria



■ Pilot Municipalities

- **Ruse.** Ruse is the largest Bulgarian city along the Danube River. It is one of the cities in Bulgaria that attract both with its magnificent architecture and with its rich historical past. The city is a large Bulgarian industrial center.
- **Sapareva Bania.** The town is a rapidly developing resort center thanks to the hot mineral springs. In recent years, it has been the subject of serious investments. The available natural and financial resources are a serious prerequisite for sustainable energy development in the direction of reducing the use of fossil fuels and reducing the energy burden in the budget of the Municipality and households.
- **Svilengrad.** It is one of the gateways to Bulgaria. The town is very close to the point where the three state borders meet - Bulgaria, Greece and Turkey. The favorable natural conditions and its strategic geographical location are the reasons why it has been inhabited since ancient times.

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The MENERGERS impact in Bulgaria



What local activities were generated through the MENERGERS project?



What impact did the project have on you or your team's professional abilities?



How will your efforts continue to support Municipal Energy Management?

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The MENERGERS impact in Bulgaria



- The concept and structure of the Department "Municipal Energy Manager" (OEM) was clarified.
- Implementation of the Model has been started:

Three pilot municipalities were selected.

Held meetings at the highest level in the pilot municipalities.

Political support secured.

The ambitions towards climate neutrality of the selected municipalities are supported by established structures for MEM (Sapareva Banya changed the municipal organization structure to have a separate MEM Department)



- We strengthened our partnership with organizations that deal with energy planning and energy management (Sofena, EnEffect, NAMRB).
- We have created new partnerships (OER).
- The project played an important role in increasing the capacity and knowledge of the team in the field of energy planning and management.



- In partnership with like Sofena, EnEffect and NAMRB, we are moving towards the development of a concept for the institutionalization of a National Network of Energy Managers.
- We will continue to provide support in the development of the Methodology for licensed training of energy managers.
- We will continue to actively influence the implementation of a targeted energy management policy at the regional level.

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THANK YOU FOR YOUR ATTENTION!



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