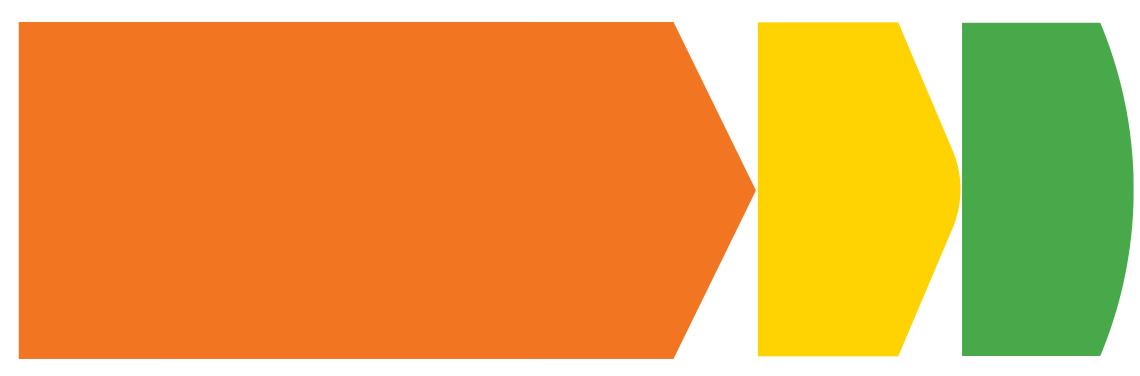
MENERGERS



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on the basis of a decision by the German Bundestag



















MENERGERS OPPORTUNITIES IN BULGARIA

Zdravko Georgiev, Sofia Energy Agency SOFENA



Control of obligations:
-programmes
-data
collection
and analysis

Voluntary commitment and targets

STATESustainable

Energy
Development
Agency

MUNICIPALITY/
STATE
Building owners

- Investments
- Employer

Control of suppliers and distributors

Energy And
Water Regulatory
Commission

Building users

- Own budget

Facility management/maintenance

Contracts

Contracts for energy and/or energy services

Energy

Suppliers/Distributors

Remark: Usually their responsibilities are to the building border, not systems inside!

STRATEGIC LEVEL





OPERATIONAL LEVEL





Energy Management Services in Bulgaria

Strengths

- General understanding of the needs-National legislation
 - Good practices in some municipalities

Weaknesses

- Lack of institutionalization
 - Lack of personnel
- Communication problems
- -Low level of digitalization

Energy Management

Opportunities

- EU projects
- Best practices exchange and benchmarking

-ISO 50001 and other instruments/systems/models

Threats

- Political changes

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Problems for energy management

WEAKNESSES	POSSIBLE SOLUTIONS	INSTITUTIONS/STAKEHOLDERS ADDRESSED
- Lack of institutionalization	Legislative changes	Ministry of Energy, Sustainable Energy Development Agency, Association of Municipalities in Bulgaria
- Lack of personnel	Capacity building External expertise/outsourcing	Energy suppliers, installers, facility managers
- Communication problems - external	Legislative changes	Ministry of Energy, Sustainable Energy Development Agency, energy suppliers
- Communication problems - internal	Institutional model depending on the size of municipality	Municipalities, Association of Municipalities in Bulgaria
-Low level of digitalization	Support for and promotion of building management systems, monitoring systems, trainings	Municipalities, Association of Municipalities in Bulgaria

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ONGOING AND NEXT STEPS

- Pilot phase testing in 3 municipalities of a model for energy management services
- Discussions and recommendations for legislative change
- Capacity building and support trainings, professional experience exchange and development
- Support at national level for benchmarking and continual improvement of the process of energy management in municipalities (including resources and tools)













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Sofia Energy Agency - SOFENA

Email: zgeorgiev@sofena.com

Phone: +359 2 9434401

Website: sofena.com

Social Media:

https://www.facebook.com/SofiaEnergyAgency?locale=bg_BG







