



## XVI National Conference of the Association of Bulgarian Energy Agencies

### Energy Efficiency and RES – how to meet the challenges of the energy transition and the energy poverty

29-30.11.2022, Sofia, hotel Hyatt Regency



29 November

09:30 – 10:00

Registration

10:00 – 10:05

Welcome and opening of the conference

*Liyana Adjarova, Association of Bulgarian Energy Agencies  
Dragomir Tzanev, EnEffect*

10:05 – 10:15

Official address by the Mayor of Sofia – Mrs. Yordanka Fandakova

SESSION I

FINANCIAL INSTRUMENTS FOR ENERGY EFFICIENCY IN  
THE INDUSTRY

*National roundtable for financing energy efficiency  
investments in Bulgaria*



10:15 – 10:30

The business view: What is necessary to meet the challenges of the energy crisis?

*Dobri Mitov, Bulgarian Industrial Association*

10:30 – 10:45

Financing opportunities for sustainable energy projects in the Operational programme  
“Innovations and competitiveness”

*Representative from the Ministry of Innovation and Growth (invited)*

10:45 – 11:00

Best practices for financing sustainable energy projects in the industry and small and  
medium-sized enterprises

*Sophia Kassidova, Bulgarian Development Bank*

11:00 – 11:15

Q & A

11:15-11:30

Coffee break

*Parallel session 1: Available financial instruments in support of energy efficiency and RES in the  
industry and SMEs*

**11:30-13:00**

Presentations (10 minutes each) from representatives of commercial banks and ESCOs

Invited: UniCredit Bulbank, UBB, Postbank, Fibank, ProCredit, Alliance for Energy Efficiency

Discussion (1 hr)

- What are the trends in the market for energy efficiency and renewable energy solutions and which are the sectors and technologies that are attracting the most interest?
- Is the OP "Competitiveness and Innovation" contributing to the interest in financing sustainable energy?
- What are the expectations for the quality of projects and the requirements for results monitoring?

Participants (invited):

BIA, Econoler, AEE, BCC, commercial banks, Fund of Funds, Bulgarian Development Bank, EERSF, financial institutions, NGOs, energy services providers, local authorities, energy consultants, etc.

### *Parallel session 2: **Energy management systems in the industry and SMEs***

**11:30-13:00**

Presentations (10 minutes each):

- Energy management systems in the enterprises (Stanislav Andreev, EnEffect)
- Energy analysis of RES projects (Anton Ivanov, BEMF, invited)
- Results from the project DEESME - National Schemes for Energy Efficiency in SMEs (representatives from SEDA and ECQ, invited)

Discussion (1 hr)

- Do national funding programmes create the necessary conditions for sustainable implementation of energy management systems?
- How can we monitor the quality and verification of implemented projects and the sustainability of the results?
- What technical assistance is needed for enterprises to maximize their potential for energy savings and to realize the produced energy?

Participants (invited):

SEDA, AEE, EcoEnergy, NTEF, EERSF, energy agencies, financial institutions, energy services providers, energy experts, etc.

**13:00-14:00 Lunch**

### **Closing plenary: LESSONS LEARNT AND NEXT STEPS**

**14:00-14:20**

**Presentation of the outcomes from the sessions**

*Moderators from the two sessions*

**14:20-15:00**

**Demand for clean energy projects in the industry and recommendations for the design of the national support programmes**

*Plenary with representatives of financial institutions, public authorities, professional and industry associations, energy experts*

**SESSION II**

**Solutions for decarbonisations and low-emissions urban development**

*Moderator Liyana Adjarova, Energy Agency of Plovdiv*

15:00 – 15:15	<b>Decarbonisation and low-emission energy planning and development at municipal level - PadovaFit Expanded project</b> <i>Ina Karova, Energy Agency of Plovdiv</i>
15:15 – 15:30	<b>Introduction of urban low-emissions zone for air quality improvement</b> <i>Liyana Adjarova, Energy Agency of Plovdiv</i>
15:30 – 15:45	<b>Citizens science for air quality improvement - CompAir</b> <i>Milena Agopyan, Energy Agency of Plovdiv</i>
15:45 – 16:00	<b>Pilot roof PV installations and energy storage systems in 3 social buildings for energy poverty mitigation in the city of Plovdiv</b> <i>Angelina Tomova, Energy Agency of Plovdiv</i>
16:00 – 16:15	<b>Production of gas from renewable sources – the experience from DanuP-2-Gas project</b> <i>Kiril Raytchev, Black Sea Energy Research Centre</i>
16:15 – 16:30	<b>Accredited testing of biofuels quality – a guarantee of resource and energy efficiency in biomass heating</b> <i>Vanya Markova, Energy Agency of Plovdiv</i>
16:30 – 17:00	<b>Discussion</b>
17:00 – 18:00	<b>Closing remarks</b>

30 November

## Energy Transition and Energy Poverty – the new challenges

<b>SESSION III</b>	<b>Legislative Aspects for the Development of Energy Communities in Bulgaria and Good Practices in the European Union</b> <i>Moderator: Dr Zdravko Georgiev, SEA SOFENA</i>
09:00 – 09:30	<b>Energy Communities according to the European Directives and their Regulation in the Countries of the European Union</b> <i>Dr Nadia Nikolova-Deme, SEA SOFENA</i>
09:30-09:50	<b>Legal Aspects of Energy Communities in Bulgaria</b> <i>Christian Dimitrov, Greenpeace</i>
09:50-10:10	<b>Good Practices for the Development of Energy Communities in the EU. The Experience of France</b> <i>Marc-Antoine Andrieux, SEA SOFENA</i>
10:10-10:30	<b>Results of the CONGREGATE Project: Models for the Development of Energy Communities in Sofia, Dobrich and Burgas</b> <i>Dragomir Tsanev, EnEffect</i>
10:30-11:00	<b>Bulgaria's Need for Legislation and Policies for RES Development</b> <i>Georgi Stefanov, WWF Bulgaria</i>
11:00-11:30	<b>Coffee break</b>
11:30-11:50	<b>Good practices in the transposition of the European legislation supporting citizen energy projects</b> <i>Lyubimka Georgieva, Black Sea Energy Research Centre</i>
11:50-13:00	<b>Conclusions Regarding the Necessary Changes in Bulgarian Legislation for the Development of Energy Communities</b>

Discussion with the participation of representatives of public bodies, professional organizations, energy experts, etc.

**13:00 – 14:00 Lunch**

**SESSION IV Solutions to tackle energy poverty**  
*Moderator: Arch. Evelina Stoykova, Sofia Energy Centre*

**14:00 – 14:20 The Initiative “Energy Poverty Advisory Hub”**  
*Arch. Evelina Stoykova, Sofia Energy Centre*

**14:20 – 14:40 National energy poverty mitigation roadmaps. PowerPoor project.**  
*Lilli Stammler, SOFENA*

**14:40 – 15:00 Good practice examples of projects and initiatives to tackle energy poverty**  
*Arch. Evelina Stoykova, Sofia Energy Centre*

**15:00 – 15:20 Summer energy poverty and measures to reduce the need for cooling in summer, Project COOLTORISE**  
*Georgi Simeonov, Association CSEG, Pazardzhik*

**15:20-15:40 One-stop-shop for private residential buildings, project UPSTAIRS**  
*Ivanka Pandelieva-Dimova, Sofia Energy Centre*

**15:40-16:10 Coffee break**

**16:10-16:30 How to apply for technical support from EPAH**  
*Arch. Evelina Stoykova, Sofia Energy Centre*

**16:30- 17:00 Programmes and initiatives for decarbonization of the residential heating and cooling**  
*Genady Kondarev*

**17:00-17:25 Residential heating: calculator for comparison of heating systems and results of audits in energy poor households**  
*Lazar Nikolaev, Angel Nikolaev, Black Sea Energy Research Centre*

**17:25 -18:00 Final discussion and conclusions**

