



**AYEP** SUSTAINABLE ENERGY DEVELOPMENT AGENCY BULGARIA



**SEDA –**  
*Your partner for sustainable energy  
development*

Ivaylo Aleksiev

*Executive Director*



## SEDA at a glance

- Executive Director – Mr. Ivaylo Aleksiev
- 63 employees
- Organizational structure: Directorate „General administration“ and *Specialized administration*
- Specialized administration - organized into 2 directorates:
  - Directorate “Control and Information”
  - Directorate General "Coordination and management of energy efficiency and renewable energy“, including 6 regional units





## Historical overview

1992

1997

1998

1998-2011

2011

National Energy Efficiency Agency to the Council of Ministers

State Energy Efficiency Agency

Agency functions are expanded with the award of the activities defined in the Law on Renewable Energy

Unit, established in the Ministry of Energy for the implementation of projects under the program "PHARE" of the European Union relating to the efficient use of energy

In different periods has been an executive agency to the Minister of Regional Development and Public Works, Minister of Energy and Energy Resources, the Minister of Economy and Energy, Minister of Economy, Energy and Tourism.

Currently SEDA is a legal entity at state budget support with headquarters in Sofia and has the status of an executive agency within the Ministry of Energy.

## SEDA - general activities

### ENERGY EFFICIENCY

- ✓ Monitoring and evaluation of the EE
- ✓ Training and information in the field of EE
- ✓ Energy services
- ✓ Energy Audits
- ✓ National information system on the state of EE
- ✓ Control over the activity of the obligated parties



### RENEWABLE ENERGY

- ✓ National Renewable Energy Action Plan
- ✓ National Information System
- ✓ Guarantees of Origin
- ✓ Awareness-raising and training campaigns



# Energy efficiency – SEDA's activities and responsibilities (1)



## Monitoring and evaluation of the EE

- Monitoring and evaluation of the achieved annual energy savings, including the performance of the individual targets for energy savings under the Energy Efficiency Obligation Scheme
- Monitoring and evaluation of the NEAP and National Energy Efficiency Target
- Confirms the amount of energy savings
- Methodologies for energy savings evaluations



## Energy services

- Organizes the drafting of model energy performance contracts (ESCO contracts) for the delivery of energy efficiency services for the implementation of energy efficiency improvement measures in buildings, industrial systems and outdoor lighting systems
- Monitoring of the implementation of ESCO contracts in State- and municipal-owned buildings



## Energy Audits

- Organizes the compiling and keeping of a list of buildings, enterprises, industrial systems, outdoor lighting systems, hot-water boiled heating systems and air-conditioning systems which must be mandatorily brought into conformity with the requirements
- Validity check of the input data of energy audits
- Check of data, results and measures prescribed for energy efficiency improvement
- Verifications of audits

# Energy efficiency - SEDA's activities and responsibilities (2)



## National information system on the state of EE

- Implementation of activities and measures envisaged in the NEEAP
- State of energy efficiency: at national level and by sectors
- Good practices in the field of energy efficiency
- Possibilities for participation of financial intermediaries in financing EE improvement measures
- Energy efficiency activities and measures implemented



## Control over the activity of the obligated parties

- Upon final customers, where the implementation of EE improvement activities and measures are mandatory for them
- Upon the fulfilment of the individual energy savings targets
- Upon State and Municipal authorities for the implementation of their obligations



## Training and information in the field of EE

- Assists the development of training in the field of energy efficiency
- Organizes the popularization of energy efficiency improvement activities and measures
- Interact with the State bodies and local authorities, as well as with not-for-profit legal entities, with regard to the implementation of the State energy efficiency policy



## RES – SEDA's activities and responsibilities



### National Renewable Energy Action Plan

- Development and updating of NREAP in cooperation with the authorities of the executive, including with municipality mayors
- Organizes the implementation of the activities and measures included in NREAP
- Assists in the development and implementation of municipal programmes for promotion of the use of energy from renewable sources and biofuels



### National Information System

- Provides to the Minister of Energy the necessary information for preparation of the reports on the implementation of NREAP
- Evaluations of existing and projected potential of the types of resources for production of RES



### Guarantees of Origin

- Organizes the establishment and support of the system for issuance of guarantees of origin for the energy
- Issues to producers of electricity, heating and cooling from renewable sources Renewable Energy Guarantees of Origin, including activities for transfer and revocation of these guarantees
- Organizes the planned statistical transfers of certain quantities of energy from renewable sources from the Republic of Bulgaria to another EU Member State



# International cooperation

## National Coordinator for:



## Memorandums of cooperation with:



Slovak Innovation and Energy Agency



Energy Agency of the Republic of North Macedonia

## Partner in projects:



The Buildings Observatory project:  
ENER/C3/2014-543



ENERFUND Project: An Energy Retrofit funding rating tool

## Member of:



European Energy Network

<http://enr-network.org>





## Training campaigns

### Training campaigns:

- ✓ Energy managers in Industrial systems
- ✓ Energy managers in state, regional and municipal administrations
- ✓ Practical work with the National information system for RES for 600 regional and municipal administrations' employees





# Awareness-raising campaigns



Европейски съюз  
Европейски фонд за икономически растеж

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БЕАН СЕРТИФИКАТИ  
ЗА ЕНЕРГИЙНИ СПЕСТЯВАНИЯ

ЗА ПОБЕЩЕ ИНФОРМАЦИЯ ПОСЕТЕТЕ:  
[WWW.BEANCERTIFICATES.BG](http://WWW.BEANCERTIFICATES.BG)

Създаване на информационна платформа за посещаване на обектите на администрацията и гражданите по отношение на възможностите за спестяване на енергия



БЕАН СЕРТИФИКАТИ  
ЗА ЕНЕРГИЙНА ЕФЕКТИВНОСТ

Наръчник по управление на енергийната ефективност в предприятията

АГЕНЦИЯ ЗА УСТОЙЧИВО ЕНЕРГИЙНО РАЗВИТИЕ

Създаване на информационна платформа за посещаване на обектите на администрацията и гражданите по отношение на възможностите за спестяване на енергия

Оперативна програма "Административна модернизация" [www.opac.gov.bg/en/01000101](http://www.opac.gov.bg/en/01000101)

Партньорство с БВ "Жилищно-административно обслужване и развитие на жилищното управление"

Партньорство с БВ "Създаване на информационно-коммуникационна среда и осигуряване на съвместност"

Бюджетна линия БСВ1106/02/1/3.2.03

Агенция за устойчиво енергийно развитие

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Създадено с подкрепата на Европейския съюз

ТЕНДЕНЦИИ И ПОЛИТИКИ ПО ЕНЕРГИЙНА ЕФЕКТИВНОСТ В БЪЛГАРИЯ

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ЕВРОПЕЙСКИ СЪЮЗ  
ЕВРОПЕЙСКИ ФОНД ЗА РЕГИОНАЛНО РАЗВИТИЕ

ИНОВАЦИИ И КОНКУРЕНТОСПОСОБНОСТ

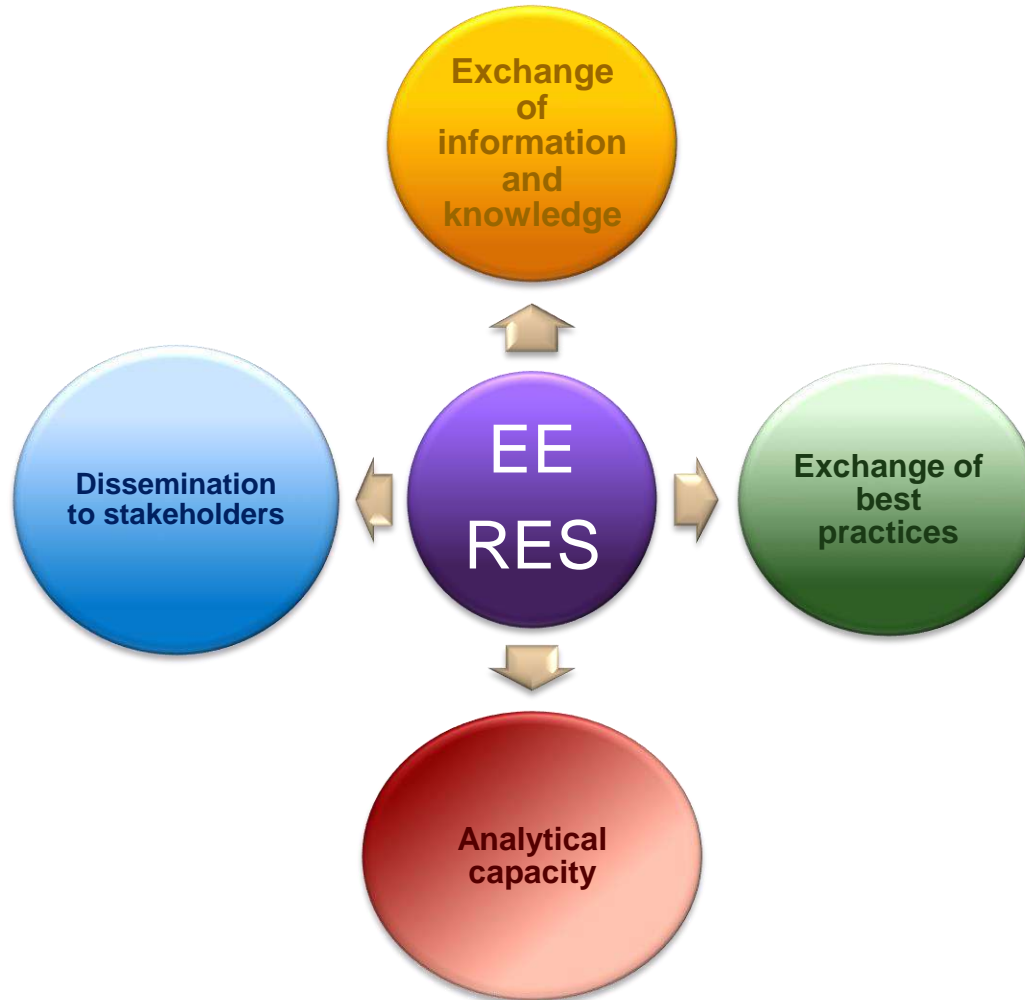
МЕТОДИЧЕСКИ УКАЗАНИЯ ЗА ИЗВЪРШВАНЕ НА ОБСЛЕДВАНЕ ЗА ЕНЕРГИЙНА ЕФЕКТИВНОСТ И ОЦЕНКА НА ЕНЕРГИЙНИ СПЕСТЯВАНИЯ НА ПРОМИШЛЕНИ СИСТЕМИ И ПРЕДПРИЯТИЯ

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## SEDA - Cooperation opportunities



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