



# ***Workshop on energy efficiency implementation practices and financing***

**Energy Community Secretariat,  
Vienna, 11<sup>th</sup> of March 2016**



*Fondul pentru  
Eficiență  
Energetică*

**Calin NEGURA**  
**Executive Director**  
**EEF, Moldova**

## EEF

The Energy Efficiency Fund - EEF - is an independent and financially autonomous legal entity

### Legislation

*Law no. 160 of 12.07.2007 on renewable energy*

*Government Decision no. 401 of 12.06.2012 on Energy Efficiency Fund*

*Other legal acts*

## EEF Mission

EEF manages and finances projects in the area of Energy Efficiency and Renewable Energy Sources, aiming:

- Efficient use of energy
- Reduction of greenhouse gas emissions

## EEF Financial Resources

EEF mainly employs the following financial resources for funding projects in the area of energy efficiency and renewable energy sources:

*Financial allocations from the state budget (at least 10% of EEF budget)*

*Donations from individuals and legal entities from the Republic of Moldova and from abroad, including donations from international financial institutions and funds*



## EEF Financial Resources

EEF is entitled to apply the following financial tools for funding projects in the area of energy efficiency and renewable energy sources:

**Grant (currently applied)**

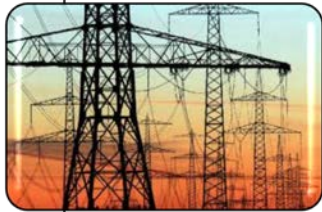
**Financial security (currently applied)**

**Loan (planned to be applied)**

**Leasing (planned to be applied)**

## EEF Beneficiaries

The financial aid of the EEF is aimed at institutions and enterprises from sectors of national economy as well as at the public:



**Energy**



**Transport**



**Industry**

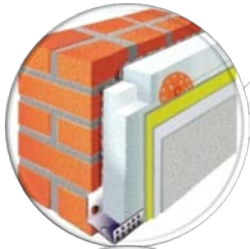


**Construction**

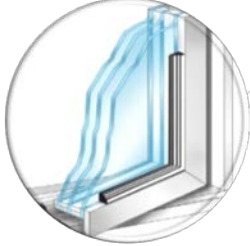


**The public**

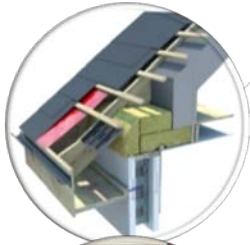
## EEF Eligible Measures



**Thermal insulation of external walls**



**Replacement of external windows and doors**



**Thermal insulation of roofs and ceilings**



**Energy management systems**

## EEF Eligible Measures



**Installation of solar panels**



**Installation of biomass boilers**



**Installation of natural gas boilers**



**Improvement of heating systems efficiency**

## EEF Eligibility Criteria

EEF finances projects that meet the minimal eligibility criteria:



**Measurable energy savings:**  
*at least 1/3 of project's benefits*



**Beneficiary's own contribution:**  
*at least 20% of the total project cost*



**Payback period:**  
*7 years for energy efficiency projects*  
*15 years for projects in the area of renewable energy sources*



## Calls for Project Proposals

Calls for Project Proposals (CPP) launched  
by EEF:



- CPP 1 (*public area*)
- CPP 3 (*public area*)
- CPP 4 (*private area*)
- CPP 5 (*public area*)
- CPP 6 (*private area*)
- *Pilot-projects*

# Total CPPs

## Total CPPs launched by EEF in 2012 - 2015:

	CPP no. 1 (public buildings)	CPP no. 3 (public buildings)	CPP no. 5 (street lighting)	CPP no. 6 (private sector)	PP & ESCO (public & private sectors)	TOTAL
Allocated budget, mil. EUR	7	11.5	2.3	4.5	4.3	<b>29.6</b>
Projects approved for financing ( <i>planned</i> )	86	162	5 ( <u>15</u> )	- ( <u>1</u> )	3 ( <u>20</u> )	<b>256 (36)</b>
Committed ( <i>planned</i> ) EEF contribution, mil. EUR	7	11.5	0.5 ( <u>1.8</u> )	- ( <u>4.5</u> )	0.3 (4.0)	<b>19.3 (10.3)</b>
Expected energy savings and emissions reduction	<b>≈11 toe &amp; 24 tCO<sub>2</sub></b>		or ≈2.5% of the 1 <sup>st</sup> NEEAP total ES target		or ≈29% of the 1 <sup>st</sup> NEEAP public sector ES target	

# Successfully implemented EEF projects



### Lessons learned:

- *EEA shall be involved in EEF decision-making process*
- *EEF legal framework shall be flexible enough to allow for adjustment of the internal procedures, if necessary*
- *Transparency in projects evaluation and approval process is crucial for the trustworthiness of the institution*
- *Appropriate project evaluation and MRV tools shall be put in place before launching a Call for Proposals*
- *Continuous capacity building of EEF staff is very important for matching the pace of technological development*
- *Poor capacity of the beneficiaries leads to bad implementation results*



### Plans regarding future EEF development:



- *EEF reforming*
- *Strengthening institutional capacity*
- *Development of cooperation with other donor's programs in the area of energy efficiency*
- *Use of other financial tools (e.g. low-interest loans)*
- *Expanding EEF activities in other economic sectors*
- *Extension of the list of measures eligible for financing*

Contact  
information

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# Thank you!

**More information at:**

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