STATUS OF SECONDARY LEGISLATION FOR EED AND EPBD

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Ministry of Infrastructure and Regional Development
ENERGY EFFICIENCY LAW
STATE OF PLAY REGARDING EE LAW IMPLEMENTATION

• Regulation on the **organization and operation of the authority** responsible for the implementation of policies in the area of energy efficiency

• Regulation on the provision of **energy services (a roadmap was developed by EEA in order to address some problematics)**

• National **Action Plan** in the field of energy efficiency 2019-2021

• Program on implementing the obligation of **renovating buildings of central public administration authorities**

• Program on the implementation of **obligations scheme** in energy efficiency field

• Methodology for the determination of **contributions** to be paid by the **obligated parties**

• Regulation on energy auditors and **energy audits**

• Regulation on conducting the **energy audits by large enterprises**

• Long term sectorial **strategy** for the renovation of the national real estate fund
AMENDMENT OF THE ENERGY EFFICIENCY LAW
EU4Energy Governance Project Phase II


- Kick of meeting
  9th of September 2021

- First draft presented to the MoIDR on 10th of November 2021

- Discussions/ workshop on 22 November 2021
STATUS OF IMPLEMENTATION OF EED (1)
EXEMPLARY ROLE OF PUBLIC BUILDINGS


- Total number of buildings: 215 units
- Total floor area: 426.056 m²
- 1% obligation /2019-2020/: 8.521 m²

Program on the rehabilitation of CP buildings ’20-’22

2 build.

9 200 m²

1,2 mEUR
## STATUS OF IMPLEMENTATION OF EED ENERGY EFFICIENCY OBLIGATION SCHEMES

| EE obligation: | 12.227 ktoe (0.7%) - 2019 |
|               | 24.454 ktoe (0.7%) - 2020 |
|               | 27.51 ktoe (using exemptions) |

The MoEI used the ex-ante approach for assessing and quantifying the impact of all the ongoing energy saving initiatives (i.e. projects and programs financing the implementation of energy efficiency projects in public buildings, residential, industry, energy sector, etc.) that are contributing to the EE obligation.

The conclusion was that alternative measures do provide/generate sufficient energy savings to reach the target for 2020.
ENERGY EFFICIENCY NATIONAL OBJECTIVES TILL 2020 ACCORDING TO THE EE LAW.
ENERGY SAVINGS GOALS AND RESULTS

<table>
<thead>
<tr>
<th>Year</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goals</td>
<td>74.3</td>
<td>92.9</td>
<td>107.6</td>
<td>124.6</td>
<td>144.4</td>
<td>167.2</td>
</tr>
<tr>
<td>Results</td>
<td>56.9</td>
<td>83.5</td>
<td>102.9</td>
<td>122.7</td>
<td>140.9</td>
<td>160.2</td>
</tr>
</tbody>
</table>
LONG-TERM BUILDING RENOVATION STRATEGY (1)

The Long-term building renovation strategy has been drafted during 2019-2020

• an overview of the national building stock based, as appropriate, on statistical sampling;
• identification of cost-effective approaches to renovations relevant to the building type and climatic zone;
• policies and measures to stimulate cost-effective deep renovations of buildings, including staged deep renovations;
• a forward-looking perspective to guide investment decisions of individuals, the construction industry and financial institutions;
• an evidence-based estimate of expected energy savings and wider benefits.
LONG-TERM BUILDING RENOVATION STRATEGY (2)

The vision set out in the Strategy is correlated with the results obtained in the energy consumption modeling exercise of the Republic of Moldova for the year 2050, the completion of this task was planned for the third quarter, of 2021, was postponed for 2022.

**Overall effects and indicative investments for simple, medium and deep renovation for the entire building stock.**

<table>
<thead>
<tr>
<th>Type of renovation</th>
<th>Expected Energy Savings [ktoe]</th>
<th>Expected CO2 reduction</th>
<th>Indicative investment [Milion EUR]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple renovation</td>
<td>866</td>
<td>32.3%</td>
<td>11434</td>
</tr>
<tr>
<td>Medium renovation</td>
<td>1048</td>
<td>42.8%</td>
<td>12879</td>
</tr>
<tr>
<td>Deep renovation</td>
<td>1279</td>
<td>57.2%</td>
<td>22479</td>
</tr>
</tbody>
</table>
STATUS OF IMPLEMENTATION OF EED ENERGY AUDITS

GD No. 676/2020 Regulation on energy auditors and energy audit

EEA initiated the qualification of the i) energy auditors who obtained the energy auditor authorisation/certificate issued before the approval of the GD No. 676/2020 and of the ii) new energy auditors in accordance with the GD provisions.

Number of qualified energy auditors

<table>
<thead>
<tr>
<th>Audit category</th>
<th>Auditors</th>
</tr>
</thead>
<tbody>
<tr>
<td>buildings</td>
<td>46</td>
</tr>
<tr>
<td>industry</td>
<td>18</td>
</tr>
<tr>
<td>transport</td>
<td>16</td>
</tr>
</tbody>
</table>

Regulation on conducting energy audits by large enterprises (drafted)

The MoEI drafted the Regulation and initiated its public consultation, the adoption being foreseen for the first quarter of 2022
ENERGY PERFORMANCE OF BUILDINGS LAW
STATE OF PLAY REGARDING EPB LAW IMPLEMENTATION

- Building Stock Inventory
- Methodology for calculating the energy performance of buildings
- Adoption of relevant supporting CEN standards
- Minimum energy performance requirements
- Regulation on the certification procedure of the energy performance of buildings and building units
- Development of Certification Tool (Issue, statistics, information dissemination, reporting)
ENERGY PERFORMANCE OF BUILDINGS LAW
STATE OF PLAY REGARDING EPB LAW IMPLEMENTATION

- Regulation on the periodic inspection of air conditioning systems in buildings
- Regulation on the periodic inspection of heating systems in buildings
- Regulation on the authorization of energy assessors, heating system inspectors and air conditioning inspectors
- National plan to increase the number of nearly zero energy consumption buildings

- Approved
- Approved
- Activity planned for 2022
- Approval planned in 2022
THANK YOU