VII\textsuperscript{th} RENEWABLE ENERGY COORDINATION GROUP MEETING

RENEWABLE ENERGY POLICIES IMPLEMENTATION IN THE REPUBLIC OF MOLDOVA

Ministry of Economy and Infrastructure
ENERGY CONTEXT

- Nearly 70% of the primary energy supply comes from imports
- Only 18% of electricity was generated domestically in 2017
- Energy Strategy by 2030, main objectives:
  - Ensuring the security of energy supply
  - Developing competitive markets and their regional and European integration
  - Ensuring sustainability of the energy sector and climate change mitigation
- Limited interconnections with ENTSO-E

Electricity generation in 2017, by source

Domestic generation capacity in 2017, by fuel
RENEWABLE ENERGY DEPLOYMENT

- 17% - RE target by 2020
- 27.8% - share of RE in gross final energy consumption in 2017
- Decade-long support for biomass in the heating sector
- New support mechanisms for RE in the power sector: auctions, feed-in tariffs, net metering
- Announced development of 168 MW of renewables capacity

Installed renewable energy capacity, by source (as of March 2018)

Dynamics of RE installed capacities growth
NATIONAL RE PROMOTION LEGAL FRAMEWORK

- Law on the promotion of use of renewable energy sources
  - transposes the EU Directive 2009/28/EC
  - incorporates relevant and applicable provisions of the EU Guidelines on State aid for environmental protection and energy 2014-2020

- GD on the assignment of the central electricity supplier
- Regulation on RE tenders for providing the status of eligible producer
- GD on approving capacity limits, quotas and category caps in the field of RE power
- Regulation on qualification of small RES equipment installers
- Regulation on solid biofuels
- Regulation on the organization and operation of the Energy Efficiency Agency
  /as an authority responsible for RE policies implementation/

MoEI* Competence

* MoEI – Ministry of Economy and Infrastructure
- Regulation concerning **sustainability criteria for biofuels** and the procedure for the **compliance verification**
  /to be approved in Q3, 2019/

- Regulation for the **calculation of final consumption of energy from renewable sources in transport sector**
  /to be approved in Q3, 2019/

- **Revision** of the **National Renewable Energy Action Plan** for the period 2013-2020
  /to be approved in Q3, 2019/

- Methodology on the calculation of the **impact of biofuels** on greenhouse gas emission
  /to be approved in Q3, 2019/

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* MoARDE – Ministry of Agriculture, Regional Development and Environment
NATIONAL RE PROMOTION LEGAL FRAMEWORK (3)

- Methodology on the calculation of fixed tariffs and prices for the electricity produced by eligible producers

- Regulation on guarantees of origin for the electricity produced from renewable energy sources

- Mandatory clauses of the contract for the purchase of electricity from renewable energy sources

  /to be approved in Q2, 2019/

- Regulation concerning the confirmation of the status of eligible producers (small RE projects)

  /to be approved in Q2, 2019/

* NERA – National Energy Regulatory Agency /Ro-ANRE/
RE INVESTMENTS SUPPORT SCHEMES

Note: The capacity limit for Wind units is set at 4 MW of installed capacity, while for other technologies (solar PV, biogas, hydro) - at 1 MW
### RE INVESTMENTS SUPPORT SCHEMES

#### KEY FIGURES

**Capacity limits, quotas and category capacities**  
(set up by the Gov.D. no. 689/2018/)

<table>
<thead>
<tr>
<th>Type of technology</th>
<th>Applicable support scheme, MW</th>
<th>Capacity limits (for differentiation of small-scale RE projects and large, MW)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed tariffs</td>
<td>Fixed prices</td>
</tr>
<tr>
<td>Wind plant</td>
<td>20</td>
<td>80</td>
</tr>
<tr>
<td>Solar PV</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Cogeneration plants on biogas</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td>Biomass cogeneration plants</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Small hydroelectric power</td>
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<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td>55</td>
<td>113</td>
</tr>
</tbody>
</table>

**Notes:**
- Fixed tariffs = Classic Feed-in Tariff
- Fixed prices = RE tenders
- Capacity limits (set up by the Gov.D. no. 689/2018/)

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**Type of technology**
- Wind plant
- Solar PV
- Cogeneration plants on biogas
- Biomass cogeneration plants
- Small hydroelectric power plants

**Applicable support scheme, MW**
- Fixed tariffs
- Fixed prices (RE tenders)

**Capacity limits**
- (for differentiation of small-scale RE projects and large, MW)
RENEWABLE ENERGY TENDERS
NEXT STEPS

Preparatory phase:

1. Establishing of the capacity limits and maximum capacity quotas (done by Government)  DONE
2. Establishment of the timetable for the organization of tenders  DONE
3. Elaboration of the tender documentation  IN PROCESS*

Note: *Preparatory step undertaken with the EBRD assistance in frame of the TA project „Support for Competitive Procurement of Renewables in Moldova“
RE GENERATION CAPACITY TENDERS
KEY STAGES

The tendering procedure:

4. Initiation of the tendering procedure

5. Offers presentation by bidders

6. Offers opening

Note: Moldovan authorities will be supported by EBRD in running first RE tenders (wind and solar PV) in frame of the TA project „Support for the Implementation of Renewable Energy Auctions in Moldova”
RE GENERATION CAPACITY TENDERS
KEY STAGES

Offers examination and awarding of the EP status

7. Eligibility and qualification examination of bids

8. Awarding of the eligible producer /EP/ status

9. PPA signing with the Central Electricity Supplier;

10. Monitoring of the obligations fulfilment by RE eligible producers.
THANK YOU