Republic of Moldova
Progress Report under
Renewable Energy Directive 2009/28/EC as adapted by the
Ministerial Council Decision 2012/04/MC-EnC
1. Sectorial and overall shares and actual consumption of energy from renewable sources in the preceding 2 years (n-1; n-2 e.g. 2015 and 2014) (Article 22 (1) a of Directive 2009/28/EC).

Table 1: The sectorial (electricity, heating and cooling, and transport) and overall shares of energy from renewable sources

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>RES-H&amp;C (%)</td>
<td>25.95%</td>
<td>24.41%</td>
</tr>
<tr>
<td>RES-E (%)</td>
<td>1.98%</td>
<td>1.95%</td>
</tr>
<tr>
<td>RES-T (%)</td>
<td>0.031%</td>
<td>0.032%</td>
</tr>
<tr>
<td>Overall RES share (%)</td>
<td>14.18%</td>
<td>13.46%</td>
</tr>
<tr>
<td>Of which from cooperation mechanism (%)</td>
<td>0 %</td>
<td>0 %</td>
</tr>
<tr>
<td>Surplus for cooperation mechanism (%)</td>
<td>0 %</td>
<td>0 %</td>
</tr>
</tbody>
</table>

Table 1a: Calculation table for the renewable energy contribution of each sector to final energy consumption (ktoe)

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) Gross final consumption of RES for heating and cooling</td>
<td>299</td>
<td>276</td>
</tr>
<tr>
<td>(B) Gross final consumption of electricity from RES</td>
<td>7.14</td>
<td>7.08</td>
</tr>
<tr>
<td>(C) Gross final consumption of energy from RES in transport</td>
<td>0.19</td>
<td>0.20</td>
</tr>
<tr>
<td>(D) Gross total RES consumption</td>
<td>306.2</td>
<td>283.15</td>
</tr>
<tr>
<td>(E) Transfer of RES to other Contracting Parties or Member States</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>(F) Transfer of RES from other Contracting Parties and 3rd countries</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>(G) RES consumption adjusted for target (D)+ (E)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Note: Table 1 and 1a refer to the renewable energy consumption registered on the left bank of Dniester river which is reflected by National Bureau of Statistics

1 Facilitates comparison with Table 3 and Table 4a of the NREAPs.
2 Share of renewable energy in heating and cooling: gross final consumption of energy from renewable sources for heating and cooling (as defined in Articles 5(1)b) and 5(4) of Directive 2009/28/EC divided by gross final consumption of energy for heating and cooling. The same methodology as in Table 3 of NREAPs applies.
3 Share of renewable energy in electricity: gross final consumption of electricity from renewable sources for electricity (as defined in Articles 5(1)a) and 5(3) of Directive 2009/28/EC divided by total gross final consumption of electricity. The same methodology as in Table 3 of NREAPs applies.
4 Share of renewable energy in transport: final energy from renewable sources consumed in transport (cf. Article 5(1)c) and 5(5) of Directive 2009/28/EC divided by the consumption in transport of 1) petrol; 2) diesel; 3) biofuels used in road and rail transport and 4) electricity in land transport (as reflected in row 3 of Table 1). The same methodology as in Table 3 of NREAPs applies.
5 Share of renewable energy in gross final energy consumption. The same methodology as in Table 3 of NREAPs applies.
6 In percentage point of overall RES share.
7 In percentage point of overall RES share.
8 Facilitates comparison with Table 4a of the NREAPs.
9 According to Art.5(1) of Directive 2009/28/EC gas, electricity and hydrogen from renewable energy sources shall only be considered once. No double counting is allowed.
### Table 1b: Total actual contribution (installed capacity, gross electricity generation) from each renewable energy technology in the Republic of Moldova to meet the binding 2020 targets and the indicative interim trajectory for the shares of energy from renewable resources in electricity

<table>
<thead>
<tr>
<th>Technology</th>
<th>2016</th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MW</td>
<td>GWh</td>
<td>MW</td>
</tr>
<tr>
<td>Hydro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-1MW</td>
<td>16</td>
<td>45,29</td>
<td>16</td>
</tr>
<tr>
<td>&gt;10MW</td>
<td>16</td>
<td>45,29</td>
<td>16</td>
</tr>
<tr>
<td>non pumped</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>pumped</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>mixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Geothermal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>photovoltaic</td>
<td>2,380</td>
<td>1,30</td>
<td>1,257</td>
</tr>
<tr>
<td>concentrated solar power</td>
<td>2,380</td>
<td>1,30</td>
<td>1,257</td>
</tr>
<tr>
<td>Tide, wave, ocean</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wind</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>onshore</td>
<td>2,33</td>
<td>2,21</td>
<td>1,1</td>
</tr>
<tr>
<td>offshore</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomass</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>solid biomass</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>biogas</td>
<td>2,805</td>
<td>11,95</td>
<td>2,805</td>
</tr>
<tr>
<td>bioliquids</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>23,515</td>
<td>60,75</td>
<td>21,162</td>
</tr>
</tbody>
</table>

### Table 1c: Total actual contribution (final energy consumption) from each renewable energy technology in the Republic of Moldova to meet the binding 2020 targets and the indicative interim trajectory for the shares of energy from renewable resources in heating and cooling (ktoe)

<table>
<thead>
<tr>
<th>Technology</th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geothermal (excluding low temperature geothermal heat in heat pump applications)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Solar</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Biomass&lt;sup&gt;13&lt;/sup&gt;:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>solid biomass</td>
<td>299</td>
<td>276</td>
</tr>
<tr>
<td>biogas</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>bioliquids</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Renewable energy from heat pumps:</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- of which aerothermal</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- of which geothermal</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- of which hydrothermal</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td>299</td>
<td>276</td>
</tr>
<tr>
<td>Of which DH&lt;sup&gt;17&lt;/sup&gt;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Of which biomass in households&lt;sup&gt;18&lt;/sup&gt;</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Table 1d: Total actual contribution from each renewable energy technology in the Republic of Moldova to meet the binding 2020 targets and the indicative interim trajectory for the shares of energy from renewable resources in the transport sector (ktoe)\(^{19,20}\)

<table>
<thead>
<tr>
<th>Technology</th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioethanol/ bio-ETBE</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Of which Biofuels(^{21}) Article 21.2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Of which imported(^{22})</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Biodiesel</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Of which Biofuels(^{23}) Article 21.2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Of which imported(^{24})</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen from renewables</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Renewable electricity</td>
<td>0,08</td>
<td>0,08</td>
</tr>
<tr>
<td>Of which road transport</td>
<td>0,08</td>
<td>0,08</td>
</tr>
<tr>
<td>Of which non-road transport</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Others (as biogas, vegetable oils, etc.) – please specify</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Of which Biofuels(^{25}) Article 21.2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td>0,08</td>
<td>0,08</td>
</tr>
</tbody>
</table>

2. Measures taken in the preceding 2 years and/or planned at national level to promote the growth of energy from renewable sources taking into account the indicative trajectory for achieving the national RES targets as outlined in your National Renewable Energy Action Plan. (Article 22(1)a of Directive 2009/28/EC)

Table 2: Overview of all policies and measures

<table>
<thead>
<tr>
<th>Name and reference of the measure</th>
<th>Type of measure</th>
<th>Expected result</th>
<th>Targeted group and or activity</th>
<th>Existing or planned</th>
<th>Start and end dates of the measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laws, strategies, plans and programs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Law on the promotion of the use of energy from renewable sources</td>
<td>Regulatory</td>
<td>Creation of framework for RES development to achieve the national target</td>
<td>RES Producers TSO DSO Electricity/ Heating/fuel suppliers</td>
<td>Existing</td>
<td>2016- &gt;</td>
</tr>
</tbody>
</table>

\(^{19}\) For biofuels take into account only those compliant with the sustainability criteria, cf. Article 5(1) last subparagraph.

\(^{20}\) Facilitates comparison with Table 12 of the NREAPs.

\(^{21}\) Biofuels that are included in Article 21(2) of Directive 2009/28/EC.

\(^{22}\) From the whole amount of bioethanol / bio-ETBE.

\(^{23}\) Biofuels that are included in Article 21(2) of Directive 2009/28/EC.

\(^{24}\) From the whole amount of biodiesel.

\(^{25}\) Biofuels that are included in Article 21(2) of Directive 2009/28/EC.
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Type</th>
<th>Description</th>
<th>Stakeholders</th>
<th>Status</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.</td>
<td>Law on heating and promotion of cogeneration (Law no. 92 of 29.05.2014)</td>
<td>Regulatory</td>
<td>Creation of framework for RES development – heating and cooling</td>
<td>RES producers – heating and cooling, TSO DSO, Heating suppliers</td>
<td>Existing</td>
<td>2014-2018</td>
</tr>
<tr>
<td>7.</td>
<td>Regulation on tendering procedures for RES producers</td>
<td>Regulatory</td>
<td>Creation of the legal framework and tendering criteria for RES producers</td>
<td>RES Producers, Government NARE</td>
<td>Planned</td>
<td>2017</td>
</tr>
<tr>
<td>8.</td>
<td>Regulation on confirmation of the status of eligible producers</td>
<td>Regulatory</td>
<td>Creation of the legal framework and criteria for small RES producers</td>
<td>RES Producers, Government NARE</td>
<td>Planned</td>
<td>2017</td>
</tr>
<tr>
<td>9.</td>
<td>Regulation on certifying the RES equipment installers</td>
<td>Regulatory</td>
<td>Creation of the legal framework for certifying the installers in RES field and rules for their activity</td>
<td>RES equipment installers, Beneficiaries, End users</td>
<td>Planned</td>
<td>2017</td>
</tr>
<tr>
<td>10.</td>
<td>Regulation on sustainability criteria for biofuels, and the procedure for verifying compliance with sustainability criteria to biofuels</td>
<td>Regulatory</td>
<td>Creation of the legal framework, sustainability criteria for the promotion and development the biofuels market</td>
<td>Biofuels producers, Government End users</td>
<td>Planned</td>
<td>2017</td>
</tr>
<tr>
<td>11.</td>
<td>Regulation on solid biofuels (GD no. 1070/2013)</td>
<td>Regulatory</td>
<td>Creation of the regulatory framework for development</td>
<td>Solid biofuels producers, Government Agency for</td>
<td>Existing</td>
<td>2013</td>
</tr>
<tr>
<td>No.</td>
<td>Law Type</td>
<td>Law</td>
<td>Purpose</td>
<td>Implementing Authority</td>
<td>Coverage</td>
<td>Status</td>
</tr>
<tr>
<td>-----</td>
<td>----------</td>
<td>-----</td>
<td>---------</td>
<td>------------------------</td>
<td>----------</td>
<td>--------</td>
</tr>
<tr>
<td>12.</td>
<td>Other sub-laws in RES field</td>
<td>Regulatory</td>
<td>Creation of framework for RES development to achieve the national target</td>
<td>RES producers, Government</td>
<td>End users</td>
<td>Planned 2017</td>
</tr>
<tr>
<td>13.</td>
<td>Law on electricity (law no. 107 of 27.05.2016)</td>
<td>Regulatory</td>
<td>Creation of framework for RES promotion and priority dispatch</td>
<td>RES producers, TSO DSO</td>
<td>Electricity suppliers</td>
<td>Existing 2016</td>
</tr>
<tr>
<td>14.</td>
<td>Secondary legislation in EPB field</td>
<td>Regulatory</td>
<td>Framework for improving the energy performance of buildings, including promoting decentralized energy supply (electricity, heating and cooling) on RES (particularly based on solar energy generation)</td>
<td>Ministry of Regional Development and Constructions, Ministry of Economy, EEA</td>
<td>End users, Public administration, Buildings owners, Architects, Designers</td>
<td>Existing and Planned</td>
</tr>
<tr>
<td>15.</td>
<td>Code of construction and urban development</td>
<td>Regulatory</td>
<td>New code of construction and urban development, including improvements related to construction permits issuing, commissioning process, etc.</td>
<td>Ministry of Regional Development and Constructions, Ministry of Economy, EEA</td>
<td>RES investors, Local public authorities</td>
<td>Planned 2017-2018</td>
</tr>
<tr>
<td>16.</td>
<td>Local public authorities – signatories of Convention of Mayors</td>
<td>Regulatory</td>
<td>Development of SEAPs to promote RES at local level</td>
<td>Local public authorities, Investors, End users</td>
<td></td>
<td>Existing 2013-2020</td>
</tr>
</tbody>
</table>

**RES development and support schemes**

<table>
<thead>
<tr>
<th>No.</th>
<th>Law Type</th>
<th>Law</th>
<th>Purpose</th>
<th>Implementing Authority</th>
<th>Coverage</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.</td>
<td>Policy and support schemes for promoting use of RES in electricity production (green tariffs, tendering of the RES capacities, net metering concept)</td>
<td>Regulatory Financial</td>
<td>Ensuring the increase of share of annual generation of power from RES</td>
<td>RES producers, TSO DSO</td>
<td>Electricity suppliers</td>
<td>Existing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>18. Fiscal and customs supporting measures</strong></td>
<td>Financial</td>
<td>Fiscal and customs exempts</td>
<td>RES producers Equipment installers</td>
<td>Existing and planned</td>
<td>2013-2020</td>
<td></td>
</tr>
<tr>
<td><strong>19. Policy and support schemes for promoting use of RES in transport</strong></td>
<td>Regulatory Financial</td>
<td>Ensuring the increase of biofuel share in the total used fuel</td>
<td>Biofuel producers, importers and distributors</td>
<td>Planned</td>
<td>2017-2020</td>
<td></td>
</tr>
<tr>
<td><strong>20. Policy and supporting measures for promoting use of RES in heating-cooling</strong></td>
<td>Regulatory Financial</td>
<td>Ensuring the increase of share of heating-cooling from RES</td>
<td>RES producers Heating suppliers</td>
<td>Existing</td>
<td>2013</td>
<td></td>
</tr>
<tr>
<td><strong>Information dissemination</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>21. One-stop shop to support investors in renewable energy (under EEA)</strong></td>
<td>Soft</td>
<td>Dissemination of information Informational support</td>
<td>RES producers Biofuels producers Local public authorities RES investors End users</td>
<td>Existing and planned</td>
<td>2013-2020</td>
<td></td>
</tr>
<tr>
<td><strong>22. Centre for Information on Sustainable Energy (under EEA)</strong></td>
<td>Soft</td>
<td>Dissemination of information Behavioural change</td>
<td>RES producers Local public authorities RES investors End users</td>
<td>Existing</td>
<td>2016</td>
<td></td>
</tr>
<tr>
<td><strong>23. Development and implementation of a communication Plan</strong></td>
<td>Soft</td>
<td>Efficient tools for information dissemination for target groups Message adjustment for each target group Budget planning for suggested measures Behavioural change</td>
<td>RES producers Biofuels producers Local public authorities RES investors End users</td>
<td>Existing and planned</td>
<td>2013-2020</td>
<td></td>
</tr>
<tr>
<td><strong>24. Communication platforms (EEA website, social networks, etc.)</strong></td>
<td>Soft</td>
<td>Dissemination of information Behavioural change</td>
<td>RES producers Biofuels producers Local public authorities RES investors End users</td>
<td>Existing and planned</td>
<td>2013-2020</td>
<td></td>
</tr>
<tr>
<td><strong>25. Organization of events/conferences</strong></td>
<td>Soft</td>
<td>Dissemination of information Behavioural change</td>
<td>RES producers Biofuels producers Local public authorities RES investors End users</td>
<td>Existing and planned</td>
<td>2013-2020</td>
<td></td>
</tr>
<tr>
<td><strong>26. Public awareness</strong></td>
<td>Soft</td>
<td>Information of target groups</td>
<td>RES producers Biofuels</td>
<td>Existing and planned</td>
<td>2013-2020</td>
<td></td>
</tr>
</tbody>
</table>
27. Training courses for local public authorities, regional development agencies and energy managers

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Focus</th>
<th>Description</th>
<th>Sectors</th>
<th>Status</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioural change</td>
<td>Local public authorities</td>
<td>Organized by EEA</td>
<td>Soft</td>
<td>Institutional capacities development</td>
<td>End users</td>
</tr>
</tbody>
</table>

**Studies and research**

<table>
<thead>
<tr>
<th>Study</th>
<th>Research</th>
<th>Map/Platform</th>
<th>Sectors</th>
<th>Status</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>30. Wind Energy Resources Map</td>
<td>Research</td>
<td>Map of Wind Potential (online and hard copies)</td>
<td>RES investors, Local authorities, Government, End users</td>
<td>Existing and planned</td>
<td>2016-2020</td>
</tr>
<tr>
<td>33. Study on solar potential of the RoM (ways of using the solar energy)</td>
<td>Study</td>
<td>Study</td>
<td>RES investors, Local authorities, Government, End users</td>
<td>Existing</td>
<td>2014</td>
</tr>
<tr>
<td>34. Country’s Solar PV rooftop potential</td>
<td>Research</td>
<td>Study</td>
<td>RES investors, Local authorities, Government, End users</td>
<td>Planned</td>
<td>2017</td>
</tr>
<tr>
<td>35. Comprehensive assessment of cogeneration potential</td>
<td>Research</td>
<td>Study Online platform</td>
<td>RES and CHP investors, Local authorities, Government, End users</td>
<td>Planned</td>
<td>2017</td>
</tr>
</tbody>
</table>

2.a Description of the progress made in evaluating and improving administrative procedures to remove regulatory and non-regulatory barriers to the development of renewable energy. (Article 22(1)e of Directive 2009/28/EC)).

In order to revise its supporting schemes and mechanisms for renewable energy projects, aiming also at reaching country’s sectorial goals, the Government of the Republic of Moldova transposed the European 28th Directive on the promotion of the use of energy
from renewable sources\textsuperscript{26}. The Moldovan Parliament approved the Law No. 10 on the promotion of the use of energy from renewable sources on 26\textsuperscript{th} of February, 2016. The 3\textsuperscript{rd} paragraph of the present Progress report describes the mechanisms and measures behind state support for investors in renewable technologies.

The state vision on how the renewable target is going to be reached, being confirmed also by country’s Energy Strategy until 2030\textsuperscript{27}, relies on fixed tariffs combined with tenders. Small-scale projects are to be supported by fixed tariffs (classical feed-in tariffs) while big-scale projects will be competing for state support through tenders/ auctions. In this sense, the Government is in charge of elaborating and approving few sub-laws creating the needed mechanisms and procedures, as follows:

1. Regulation on confirmation procedures of the status of eligible producer;
2. Regulation on auctions organization for providing the status of eligible producer;
3. Regulation on electricity central supplier.

Also, in order to create the whole framework needed for the renewable energy sector deployment, a number of regulations shall be drafted:

1. Regulation on guarantees of origin;
2. Regulation on sustainability criteria for biofuels, and the procedure for verifying compliance with sustainability criteria to biofuels
3. Regulation on renewable energy equipment installers (stoves, boilers, photovoltaic panels, solar collectors, geothermal systems, heat pumps, etc.)

Besides above written, it is worth mentioning that Government approved a National Renewable Energy Action Plan for 2013-2020 (GD 1073/2013), which was written according to the EU/ EnC template, and establishes a list of measures and activities to be undertaken in order to reach the country’s renewable target. The NREAP provides, at the same time, detailed answers to all questions related to a RES project development. In 2017 the revision of the NREAP 2013-2020 is planned, in order to adjust its content to the latest policies and regulatory developments.

In 2016, June, the Republic of Moldova transposed the EU directive on electricity – the Directive 2009/72/EC of the European Parliament and of the Council of 13 July 2009 concerning common rules for the internal market in electricity, and Regulation (EC) No 714/2009 on conditions for access to the network for cross-border exchanges in electricity, which is one of the pillars of the III\textsuperscript{rd} Energy Package. To be mentioned that the Government is drafting now, being supported by Donors Community and Development Partners, the secondary legislation.

The new Law introduced new provisions, new sub-laws (under elaboration), but also relies in a certain extent on the existing Regulations, as for instance on the Government Decision on the Regulation on construction/ reconstruction of power plants. This document stipulates all steps to be followed in order to develop a RE project, starting with the selection of the Power Plant /PP/ type to the PP commissioning. Its adjustment to new procedures regarding renewable project implementation, especially to auctions and generating capacity allocation through open contests is scheduled for 2017.

\textsuperscript{27} Government Decision No. 102 as of 05.02.2013 on Energy Strategy of the Republic of Moldova until 2030
To be added that this specific Regulation cannot be treated as guidelines providing detailed comments on how the investor shall act at a specific point in time, whom the investor shall approach, how much time and money the issuing of a specific certificate cost but, it’s clearly specifying which laws and regulations shall be consulted in order to comply with Moldovan legal framework.

In order to avoid the Investors confusion because of too many interrelated laws:
- on establishing the business – at least 5 important pieces of legislation,
- on registration of the property rights – at least 4 important laws,
- on urban planning and design documentation – more than 10 interrelated laws and decisions, including those approved by the Regulator,
- on construction – at least 7 laws and sub-laws,

the Government decided on appointing the Energy Efficiency Agency (under the Ministry of Economy, responsible for EE and RES policies implementation) with the attribution of One stop shop/ Centre for informing the investors on EE and RES, in order to provide informational support to local or international investors community. A matrix of the main acts the investor’s community has to deal with is presented below.

| Business establishment | 1. Law No. 845 as of 03.01.1992 on entrepreneurship and enterprises (Journal of the Parliament No. 2 as of 28.02.1994);  
2. Civil Code of the Republic of Moldova No. 1107 as of 06.06.2002 (Official Journal of RM No. 82-86 as of 22.06.2002);  
3. Law No. 220 as of 19.10.2007 on state registration of legal entities and private entrepreneurs (Official Journal of RM No. 184-187 as of 30.11.2007, in force since 30.05.2008);  
4. Law No. 1134 as of 02.04.1997 on joint-stock companies (Official Journal of RM No. 38-39 as of 12.06.1997, in force since 12.06.1997);  
5. Law No. 135 as of 14.06.2007 on limited liability companies (Official Journal of RM No. 127-130 as of 17.08.2007, in force since 17.11.2007). |
| Registration of the property rights | 1. Civil Code of the Republic of Moldova No. 1107 as of 06.06.2002 (Official Journal of RM No. 82-86 as of 22.06.2002);  
3. Law No. 1508 as of 25.07.1997 on land regulated price and sale mode (Official Journal of RM No. 147-149 as of 06.12.2001);  
4. Law No. 1543 as of 25.02.1998 on immovable assets cadaster (Official Journal of RM No. 44-46 as of 21.05.1998)  
5. Law No. 1515 as of 16.06.1993 on environment protection (Journal of the Parliament No. 10 as of 01.10.1993);  
| Urban planning and design documentation | 1. Law No. 163 as of 09.07.2010 on authorization for execution of construction works (Official Journal of the RM No. 155-158 as of 03.09.2010);  
2. Law No. 1513 as of 16.06.1993 on sanitary and epidemiological protection of population (Official Journal of the RM No. 009 as of 30.10.1993);  
3. Law No. 1515 as of 16.06.1993 on environment protection (Journal of the Parliament No. 10 as of 01.10.1993);  
4. Law No. 93 as of 05.04.2007 on Civil Protection and Emergency Situations Service (Official Journal of the RM No. 78-81 as of 08.06.2007, in force since 08.09.2007);  
5. Law No. 851 as of 29.05.1996 on environmental expertise and environmental impact assessment (Journal of the Parliament No. 52-53 as of 08.08.1996)  
6. Law No. 778 as of 27.12.2001 on geodesy, cartography and geoinformatics (Official Journal of the RM No. 29-31 as of 28.02.2002);  
7. ANRE Decision No. Nr. 266 as of 20.11.2007 on approval of Electrical Transmission Networks Technical Regulations (Official Journal of the RM No. 188-191 as of |
<table>
<thead>
<tr>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Law No. 107 as of 27.05.2016 on electricity (Official Journal of the RM No. 193-203 as of 08.07.2016);</td>
</tr>
<tr>
<td>2. Law No. 721 as of 02.02.1996 on quality of constructions (Official Journal of the RM No. 25 as of 25.04.1996)</td>
</tr>
<tr>
<td>3. Law No. 93 as of 05.04.2007 on Civil Protection and Emergency Situations Service (Official Journal of the RM No. 78-81 as of 08.06.2007, in force since 08.09.2007);</td>
</tr>
<tr>
<td>4. Law No. 116 as of 18.05.2012 on industrial security of industrial hazardous facilities (Official Journal of the RM No. 135-141 as of 06.07.2012, to enter in force on 06.01.2013);</td>
</tr>
<tr>
<td>5. Government Decision No. 436 as of 26.04.2004 on approval of the Regulation on construction/reconstruction of power plants (Official Journal of the RM No. 073 as of 07.05.2004).</td>
</tr>
<tr>
<td>6. Government Decision No. 361 as of 25.06.1996 on ensuring the quality of constructions (Official Journal of the RM No. 52-53 as of 08.08.1996).</td>
</tr>
<tr>
<td>7. Government Decision No. 285 as of 23.05.1996 on approval of the Regulation for acceptance of constructions and related facilities (Official Journal of the RM No. 42 as of 28.06.1996);</td>
</tr>
<tr>
<td>8. ANRE Decision No. 266 as of 20.11.2007 on approval of Electrical Transmission Networks Technical Regulations (Official Journal of the RM No. 188-191 as of 07.12.2007);</td>
</tr>
</tbody>
</table>

In respect to the **Authorization** process, the new Law stipulates that the Investors willing to invest in a PP with a capacity bigger than 20 MW shall obtain the Government decision/approval on that.

With regard to **Licensing**, the Law on electricity differentiates the generators, for licensing purposes, in two groups, as per their installed capacity. Thus, only the generators with an installed capacity of 5 MW and higher for public consumption and 20 MW and higher for internal use are subject to licensing for electricity production. According to the same law, those RE generators with an installed capacity below 5 MW used for public consumption and below 20 MW for internal use just have to communicate the date of commissioning to ANRE (Regulator).

Referring to the **Construction side**, some of the existing legal and, especially, administrative bottlenecks are to be overcome by the new sub-laws or those to be revised. Also, a new Urban Planning and Construction Code is to be adopted in order to simplify the construction procedures.\(^\text{28}\)

---

\(^{28}\) In 2016 World Bank extended its Doing Business project, covering the construction sector by „Dealing with Construction Permits“ component and offering, in this sense, a detailed summary of the procedures, time and costs to build a specific object (a warehouse) for 189 economies, including Moldova. This analysis provides info about obtaining necessary licenses and permits, completing required notifications and inspections and obtaining utility connections, and ranks Moldova on the 170th position out of 183.
The only RE subsector untapped by the Government is the biofuels domain (except solid biofuels), which is to be strengthened and developed since 2017, after the needed secondary legislations is put in place. Therefore, the biofuels are still considered and fiscally treated as alcoholic products.

2.b Description of the measures in ensuring the transmission and distribution of electricity produced from renewable energy sources and in improving the framework or rules for bearing and sharing of costs related to grid connections and grid reinforcements. (Article 22(1)f of Directive 2009/28/EC).

The Moldovan Law on renewable energy, dated with year 2007 still in force until March 2017, and the new Law on promoting the use of energy from renewable sources, which transposes the EU 28/2009/CE Directive, promote as principles:

- the non-discriminatory connection to the electricity grids and district heating networks, as well as of the renewable fuel through access to the transportation and distribution networks;
- obligatory acquisition by the suppliers of a pre-determined share (depending on their position on the market) of electricity produced from those sources.

Moreover, the new adopted laws on promoting the use of RE (law 10/2016), the law on electricity (107/2016), clearly stipulate on the topic of access to the transport and/ or distribution networks „The system operator is obliged to provide access to electricity transmission networks and distribution to all system users, actual or potential, transparently, objectively and without discrimination, taking into account the priority of dispatching the renewable sources/ power plants and urban CHPs.”.

According to the provisions of Law on electricity and ANRE Decision on approval of Technical norms for electric transmission networks (Chapter IV), the transmission network and system operator is responsible for the extension and development of the electricity transmission network. The TSO must develop prospective plans for power transmission network, taking into consideration the current and future demand and production of electricity. According to this plan, the transmission network and system operator must ensure the development (extension, capacity strengthening) of the transmission network in order to be able to transport all the electricity that was imported, exported or locally produced.

All expenses related to network extension should be fully covered by the transmission network and system operator. These expenses will be taken into account when establishing tariffs for transmission of electricity if undertaken in compliance with license conditions, tariff methodologies and the Regulation on planning, approval and investments in electroenergetic sector, developed and approved by ANRE (Article 34, para (1) of the Law No. 107 din 27.05.2016 on electricity).

The procedures for the development of the distribution network in terms of connection and planning are described in the Technical norms for electric distribution networks, approved by ANRE Decision and are similar to the network development procedure for transmission networks. The development plan for the distribution network, developed by the distribution network operator, must be strongly linked to the plans developed by transmission network and system operator. All expenses related to network extension
should be fully covered by the distribution network operator. These expenses will be taken into account when establishing tariffs for distribution of electricity if undertaken in compliance with license conditions, tariff methodologies and the regulation developed and approved by ANRE.

Regarding to the physical connections to the grid, related costs to the connection are born by the applicant for the technical conditions. To be mentioned that according to the new Law on electricity a new Regulation on connection to the grid and transport and distribution services will be elaborated and approved by ANRE, which shall stipulate the terms and conditions for connection, disconnection, re-connection to the grid, including for power plants.

Referring to the cost of connection, according to the provision under art. 47 of the Law 107/2016, the TSO is in charge of assessing the cost for the most proper and convenient connection providing it to the applicant for technical conditions.

3. Description of the support schemes and other measures currently in place that are applied to promote energy from renewable sources and report on any developments in the measures used with respect to those set out in your National Renewable Energy Action Plan. (Article 22(1)b) of Directive 2009/28/EC).

The Law on the promotion of the use from renewable sources establishes many supporting mechanisms, for different type of beneficiaries/projects, as follows:

| fixed prices | • for producers who holds or will hold power plants with a power greater than the cumulative capacity limit set by government;  
|             | • refers to the eligible producers determined/identified in frame of a tendering procedure, according to art. 35 of the Law 10/2016 and Regulation on tendering procedures for RES producers;  |
| fixed tariffs | • for producers who holds or will hold power plants with cumulative power capacity not exceeding the limit set by the government, but not less than 10 kW;  
|             | • refers to the producers with the status of eligible producer confirmed according to art. 36 of the Law 10/2016 and Regulation on confirmation of the status of eligible producer;  |
| net metering | • for small RES investors oriented on covering the own electricity consumption;  
|             | • a number of eligibility criteria are established, according to the art. 39 of the Law 10/2016;  |
| /unregulated market/ | • any other kind of legal relationships between a project developer and Electricity Supplier is allowed, (besides above mentioned) to be ruled in accordance with the principles and conditions negotiated directly by the those two parties (protection facilities should be installed obligatory). |
Table 3: Support schemes for renewable energy

<table>
<thead>
<tr>
<th>RES support schemes year n (e.g. 2017)</th>
<th>Per unit support</th>
<th>Total (M€)</th>
<th>Per unit support</th>
<th>Total (M€)</th>
<th>Per unit support</th>
<th>Total (M€)</th>
<th>Per unit support</th>
<th>Total (M€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>wind</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>solar</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>hydro</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>other</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Instrument**

| Obligation/quota (%) | - | - | - | - | - | - | - | - |
| Penalty/Buy out option/ Buy out price (€/unit) | - | - | - | - | - | - | - | - |
| Average certificate price | - | - | - | - | - | - | - | - |
| Tax exemption/ refund | | | | | | | | |
| Customs duties | 8% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| VAT for installations | 0% | - | - | - | 0% | - | - | - |
| VAT for constr. works | 0% | - | - | 0% | - | - | - | - |
| Investment subsidies (capital grants or loans) (€/unit) | - | - | - | - | - | - | - | - |
| Production incentives | | | | | | | | |
| Feed-in tariff | √ | √ | √ | √ | √ | √ | √ | √ |
| Feed-in premiums | - | - | - | - | - | - | - | - |
| Tendering | √ | √ | √ | √ | √ | √ | √ | √ |

**Total annual estimated support in the electricity sector**

**Total annual estimated support in the heating sector**

**Total annual estimated support in the transport sector**

Note: 1 – Hydraulic turbines (Ro: turbine hidraulice) with a maximum capacity of 1,000 kW are exempted of VAT (Fiscal Code of the Republic of Moldova No.1163 as of 24.04.1997, art. 103 Exemption of VAT; approved in 2016)

2 – Wins turbines (Ro: părțile pentru grupurile electrogene) are exempted of VAT (Fiscal Code of the Republic of Moldova No.1163 as of 24.04.1997, art. 103 Exemption of VAT; approved in 2016)

3 – Available for producers who holds or will hold power plants with cumulative power capacity not exceeding the limit set by the government, but not less than 10 kW (to be applies since March, 2017)

4 – Available for producers who holds or will hold power plants with a power greater than the cumulative capacity limit set by government (to be applies since March, 2017)

3.1. Information on how supported electricity is allocated to final customers for purposes of Article 3 (6) of Directive 2003/54/EC. (Article 22(1)b) of Directive 2009/28/EC).

According to the existing Law on the promotion of the use of energy from renewable sources (no. 10 as of 26.02.2016) and Law on electricity (no. 107 as of 27.05.2016) the Central Supplier is obliged to buy the whole amount of electricity generated by eligible producers from renewable sources and sells it to the electricity suppliers, in volumes and at regulated tariffs established by the Regulator according to the provisions of the Law 107/2016 and Regulation on electricity market (to be developed and approved).

4. Information on how, where applicable, the support schemes have been structured to take into account RES applications that give additional benefits, but may also have higher costs, including biofuels made from wastes, residues, non-food cellulosic material, and ligno-cellulosic material? (Article 22 (1)c of Directive 2009/28/EC).

According to the Law on the promotion the use of energy from renewable sources (no. 10 as of 26.02.2016), no specific support is to be provided to RES technologies which generate additional benefits. The only way to promote those technologies (less- or non-interrant installations, for instance) is the tariffs/ costs policy to be promoted by ANRE and Government and levels of the approved tariffs. According to art. 14, (2), when establishing the tariff for renewable energy, ANRE takes into consideration the lifetime of
the power plant, investment related to its construction, operational and maintenance costs, investments rate of return and the amount of energy to be produced over the time – approach which allows supporting any kind of project/field.

Referring to biofuels sector, development of the needed legal framework for triggering the market and ensure its further development is scheduled for the year 2017.

It is worth mentioning that the Law 10/2016 envisages a special treatment for biofuels made from wastes, residues, non-food cellulosic material, and ligno-cellulosic material and „green” electricity used by road vehicles, when calculating the shares of renewable energy in gross final energy consumption. In this sense, volumes of energy made from waste and electricity used by electric cars are multiplied with 2 and 2.5, respectively, when determining the shares of renewable energy in the electrical and transport fields.

5. Information on the functioning of the system of guarantees of origin for electricity and heating and cooling from RES, and the measures taken to ensure reliability and protection against fraud of the system. (Article 22(1)d of Directive 2009/28/EC).

The existing Law on the promotion the use of energy from renewable sources (no. 10 as of 26.02.2016) provides the primary legal framework for the Guarantee of Origin /GoO/ system. According to the law, electricity produced from RES is commercialized on a contractual basis at tariffs approved/established by ANRE and on the basis of the guarantee of origin, issued by the network operator. The procedures related to GoO issuance and use, as well as the structure of a GoO shall be established in a Regulation, approved by ANRE.

Currently, the GoOs are issued and used in accordance with the Regulation on guarantees of origin for electricity produced from renewable energy sources, approved by ANRE in 2009 (ANRE Resolution No 330 of 03.04.2009), which shall be revised and adjusted to the new Law on renewable energy.

According to the provisions of the Law and Regulation mentioned above, the guarantees of origin for the electricity produced from renewable energy sources are issued by the network operator following the request from the eligible RES-E producer. The network operator will issue the guarantee of origin for each MWh produced only after an expertise is conducted on-site (art. 31, (3) and (4)) and not later than 30 calendar days from the date when the request was filed.

ANRE keeps records and supervises the issuance, transfer, withdrawal and usage of electronic guarantees of origin, according to the Regulation approved in this regard.

A guarantee of origin is secure and fraud-resistant and contains the following precise information:

- register code of the power plant that produces electricity, which includes information on the type of power plant and the type of renewable energy source that is used for electricity production;
- the date and country of issuance, the start and end date of the period of generation, date to which the guarantee of origin applies to and
- information whether the RES investor benefited from any supporting scheme, including national one, or other type of support at investment phase;
- date when the power plant was put into operation;
- the date and country of issuance of the GoO and an unique ordinal number of the document.
Information regarding the amount of GoOs issued by network operators and corresponding quantity of electricity from RES is published by ANRE in its yearly activity reports.

6. Description of the developments in the preceding 2 years in the availability and use of biomass resources for energy purposes. (Article 22(1)g) of Directive 2009/28/EC).

Table 4: Biomass supply for energy use

<table>
<thead>
<tr>
<th>Biomass supply for heating and electricity:</th>
<th>Amount of domestic raw material (*)</th>
<th>Primary energy in domestic raw material (ktoe)</th>
<th>Amount of imported raw material from EU (*)</th>
<th>Primary energy in amount of imported raw material from EU (ktoe)</th>
<th>Amount of imported raw material from non EU (*)</th>
<th>Primary energy in amount of imported raw material from non EU (ktoe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct supply of wood biomass from forests and other wooded land energy generation(^*) (fellings etc.)(\text{**}) [thous. m(^3)]</td>
<td>566,4</td>
<td>588,6</td>
<td>133</td>
<td>138</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Indirect supply of wood biomass (residues and co-products from wood industry etc.)(\text{**}) [thous. tonnes]</td>
<td>231</td>
<td>231</td>
<td>72</td>
<td>72</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Energy crops (willows) [thous. m(^3)]</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Agricultural by-products / processed residues and fishery by-products ** [thous. tonnes]</td>
<td>1295</td>
<td>1295</td>
<td>316</td>
<td>316</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Biomass from waste (municipal, industrial etc.) **</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Others (please specify)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

* Amount of raw material if possible in m\(^3\) for biomass from forestry and in tonnes for biomass from agriculture and fishery and biomass from waste


Table 4a. Current domestic agricultural land use for production of crops dedicated to energy production (ha)

<table>
<thead>
<tr>
<th>Land use</th>
<th>Surface (ha)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2016</td>
</tr>
<tr>
<td>1. Land used for common arable crops (wheat, sugar beet etc.) and oil seeds (rapeseed, sunflower etc.)</td>
<td>-</td>
</tr>
<tr>
<td>2. Land used for short rotation trees (willows, poplars).</td>
<td>willows</td>
</tr>
<tr>
<td>3. Land used for other energy crops such as grasses (reed canary grass, switch grass, Miscanthus), sorghum.</td>
<td></td>
</tr>
</tbody>
</table>

Note: Above mentioned information is being assessed by Energy Efficiency Agency and isn’t included in the official country’s statistics yet

7. Information on any changes in commodity prices and land use within Republic of Moldova in the preceding 2 years associated with increased use of biomass and other forms of energy from renewable sources. References to relevant documentation on these impacts. (Article 22(1) h) of Directive 2009/28/EC).

<table>
<thead>
<tr>
<th>Raw material</th>
<th>m.u.</th>
<th>2016</th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raw material</td>
<td></td>
<td>2016</td>
<td>2015</td>
<td>2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MDL</td>
<td>EUR</td>
<td></td>
</tr>
<tr>
<td>Straw (baled)</td>
<td>t.</td>
<td>1.000-2.000</td>
<td>1000</td>
<td>750</td>
</tr>
<tr>
<td>Straw</td>
<td>t.</td>
<td>800</td>
<td>800</td>
<td>600</td>
</tr>
<tr>
<td>Sunflower husks</td>
<td>t.</td>
<td>750-1.000</td>
<td>750</td>
<td>750</td>
</tr>
<tr>
<td>Sawdust (wood dust)</td>
<td>t.</td>
<td>600-750</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Wood fuel</td>
<td>m²</td>
<td>400-600</td>
<td>400-600</td>
<td>400-500</td>
</tr>
</tbody>
</table>

Source: Energy Efficiency Agency (market survey)

8. Description of the development and share of biofuels made from wastes, residues, non-food cellulosic material, and lingo cellulosic material. (Article 22(1) i) of Directive 2009/28/EC).

Because of missing secondary legislation on biofuels, including the related provision with fiscal connotations, the sector did not develop at all. To be mentioned that all missing elements – sub-laws, standards, changes to the fiscal treatment of biofuels, are to be approached in 2017 by Ministry of Environment, under the implementation of the Law on the promotion of the energy from renewable sources.

Table 5: Production and consumption of Art.21(2) biofuels (ktoe)

<table>
<thead>
<tr>
<th>Article 21(2) biofuels</th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Consumption</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total production Art.21.2.biofuels</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total consumption Art.21.2. biofuels</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>% share of 21.2. fuels from total RES-T</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

---

30 Biofuels made from wastes, residues, non-food cellulosic material, and lignocellulosic material.
9. Information on the estimated impacts of the production of biofuels and bioliquids on biodiversity, water resources, water quality and soil quality within the Republic of Moldova in the preceding 2 years.

Taking into account the actual development of the biofuels sector, the impacts of the production of those on biodiversity, water resources, water quality and soil quality were not monitored and registered.

10. Please estimate the net greenhouse gas emission savings due to the use of energy from renewable sources (Article 22 (1) k) of Directive 2009/28/EC).

<table>
<thead>
<tr>
<th>Environmental aspects</th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total estimated net GHG emission saving from using renewable energy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated net GHG saving from the use of renewable electricity</td>
<td>25.375</td>
<td>30.539</td>
</tr>
<tr>
<td>Estimated net GHG saving from the use of renewable energy in heating and cooling</td>
<td>842.255</td>
<td>778.749</td>
</tr>
<tr>
<td>Estimated net GHG saving from the use of renewable energy in transport (road electric transport)</td>
<td>408</td>
<td>401</td>
</tr>
</tbody>
</table>

11. Report on (for the preceding 2 years) and estimate (for the following years up to 2020) the excess/deficit production of energy from renewable sources compared to the indicative trajectory which could be transferred to/imported from other Contracting Parties, Member States and/or third countries, as well as estimated potential for joint projects until 2020. (Article 22 (1) l, m) of Directive 2009/28/EC).

According to the Government vision expressed via NREAP 2013-2020 provisions, the state authorities expect that the whole amount of biofuels needed to reach the national target in transport sector is going to be covered by imported fuels.

The needed legal framework for ensuring the market deployment will be created but, reliance on locally produced biofuels will depend on the costs of the production, on its competitiveness against imported resources.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated deficit production /energy efficiency scenario/</td>
<td>53,0</td>
<td>52,5</td>
<td>52,0</td>
<td>58,7</td>
<td>59,4</td>
<td>59,9</td>
<td>60,5</td>
</tr>
<tr>
<td>Estimated deficit production /energy efficiency scenario/</td>
<td>56,8</td>
<td>57,3</td>
<td>58,1</td>
<td>51,0</td>
<td>50,5</td>
<td>49,5</td>
<td>48,5</td>
</tr>
</tbody>
</table>

Note: The Ministry of Economy planned the NREAP 2013-2020 revision in 2017, including the consumption forecasts for different sectors.

31 The contribution of gas, electricity and hydrogen from renewable energy sources should be reported depending on the final use (electricity, heating and cooling or transport) and only be counted once towards the total estimated net GHG savings.
11.1. Details of statistical transfers, joint projects and joint support scheme decision rules.

Not applicable yet.

12. Information on how the share for biodegradable waste in waste used for producing energy has been estimated, and what steps have been taken to improve and verify such estimates. (Article 22(1)(n) of Directive 2009/28/EC).

Not applicable in the case of the Republic of Moldova.