

## Republic of Moldova

### Template<sup>i</sup> for submitting voluntary commitments to the Batumi Initiative on Green Economy (Nicosia call)

*To be filled in by submitting country/organization*

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1. **Country or organization:** Republic of Moldova, Ministry of Infrastructure and Regional Development, Agency for Energy Efficiency
2. **Title of the action (referencing in parenthesis the number of the related focus area(s)<sup>ii</sup> that the initiative will contribute to):**

**Improving/promoting Energy Efficiency and harnessing Renewable Energy**  
(Focus area 5: Develop clean physical capital for sustainable production patterns)

3. **Description of the action:** Development of the Energy Strategy of the Republic of Moldova until 2030 with a vision until 2050 and National Energy and Climate Plan. The implementation of Programmes and Action Plans in the field of Energy Efficiency and Renewable Energy.

4. **Timeframe/milestones for the action, as appropriate:** Period of 2021-2030

5. **Type of action<sup>iii</sup>:** implementation of National Energy and Climate Action Plan

6. **Economic sectors<sup>iv</sup>:** Economy-wide, Energy

7. **Reference instruments and sources, as appropriate:** UNECE Best Policy Practices for Promoting Energy Efficiency; UNEP Promoting Resource Efficiency in Small & Medium Sized Enterprises; OECD – Tools for Delivering Green Growth

8. **Expected co-benefits and impact of the outcome:** improved energy efficiency, increased energy intensity and harnessed renewable energy; CO2 emissions reduction.

9. **SDGs target(s) that the action may contribute to implement:** 7, 8, 9, 12, 13, 17

10. **Implementation of Environmental Performance Review (EPR) Recommendations, as appropriate:** ERP II (2005), Recommendation 8.4: Ministry of Infrastructure and Regional Development, in collaboration with Ministry of Finance and Ministry of Environment should stimulate energy efficiency improvement.

11. **Objectively verifiable indicators, as appropriate:** reduction of GHG emissions with 55% by 2030 compared with 1990, as well as achieving carbon neutrality by 2050; 27% of gross final energy consumption to be covered from renewable sources of energy; achieve by 2030 a consumption less than 3.00 Mtoe for Primary Energy Consumption and 2.8 Mtoe for Final Energy consumption.

12. **Partners:** Ministry of Environment, Ministry of Finance, Technical University of Moldova, the Institute of Power Engineering.

13. **Contact points:**

Zinaida Mardari, Ministry of Infrastructure and Regional Development,  
[zinaida.mardari@midr.gov.md](mailto:zinaida.mardari@midr.gov.md)

Additional information on the Nicosia focus of the action:

- **Is the action related to the Nicosia environmental theme I: “Greening the economy in the pan-European region: working towards sustainable infrastructure”? (YES / NO) YES**

- *If yes, please indicate below to which “International Good Practice Principles for Sustainable Infrastructure<sup>v</sup>” does the action contribute:*

**YES - 5. Resource efficiency and circularity** (*Circularity and the use of sustainable technologies and construction materials should be planned and designed into infrastructure systems to minimize their footprints and reduce emissions, waste and other pollutants.*);

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<sup>i</sup> Based on the “Pan-European Strategic Framework for Greening the Economy” (ECE/BATUMI.CONF/2016/6, appendix). Webpage: <https://unece.org/documents-and-materials>

<sup>ii</sup> Nine integrated focus areas were identified in the Strategic Framework are:

- 1: Improve the measurement and valuation of natural capital;
- 2: Promote the internalization of negative externalities and the sustainable use of natural capital;
- 3: Enhance ecosystems and ecosystem services as part of ecological infrastructure;
- 4: Shift consumer behaviours towards sustainable consumption patterns;
- 5: Develop clean physical capital for sustainable production patterns;
- 6: Promote green and fair trade;
- 7: Increase green and decent jobs, while developing the necessary human capital;
- 8: Improve access to services, healthy living and well-being;
- 9: Promote public participation and education for sustainable development.

<sup>iii</sup> In accordance with the Strategic Framework, the following three types of actions are suggested:

- (a) legal, regulatory and policy instruments;
- (b) economy and fiscal instruments; and
- (c) information, education-based, capacity-building and voluntary instruments.

Countries and organizations should refer to any of these three types, as appropriate and relevant.

<sup>iv</sup> In accordance with the Strategic Framework, the following three clusters of sectors are suggested:

- (a) economy-wide;
- (b) cities; and
- (c) sectors, including: agriculture, forestry and fishing; energy; mining; manufacturing; transport; water; waste; tourism; and housing, buildings and construction.

<sup>v</sup> The “International Good Practice Principles for Sustainable Infrastructure” (as reflected in a subsequent UNEA Resolution UNEP/EA.5/Res.9) set out ten guiding principles that policymakers can follow to help integrate sustainability into infrastructure planning and delivery:

1. Strategic planning;
2. Responsive, resilient, and flexible service provision;
3. Comprehensive lifecycle assessment of sustainability;
4. Avoiding environmental impacts and investing in nature;
5. Resource efficiency and circularity;
6. Equity, inclusiveness, and empowerment;
7. Enhancing economic benefits;
8. Fiscal sustainability and innovative financing;
9. Transparent, inclusive, and participatory decision-making;
10. Evidence-based decision-making.

Web link: <https://www.unep.org/resources/publication/international-good-practice-principles-sustainable-infrastructure>