



Institutional and Legal Arrangements for Inventory Preparation. National Reporting System under the UNFCCC.

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Institutional and Legal Arrangements

- The Ministry of Environment (MoEN) of the Republic of Moldova (RM) is the state authority responsible for development and promotion of policies and strategies addressing environment protection, rational use of natural resources and biodiversity conservation.
- On behalf of the Government of Republic of Moldova, MoEN is in charge with implementation the international environment treaties to which the Republic of Moldova is a Part (including UNFCCC). Minister of Environment is also the UNFCCC National Focal Point.
- In view of implementing and accomplishing the UNFCCC provisions, as well as mechanisms and provisions of Kyoto Protocol, based on Order No. 21 as of February 11, 2004, the Climate Change Office (CCO) was established under the Ministry of Ecology, Constructions and Territory Development (reorganized in 2005 into Ministry of Environment and Natural Resources, later in 2009 into the Ministry of Environment).

The main tasks of the Climate Change Office

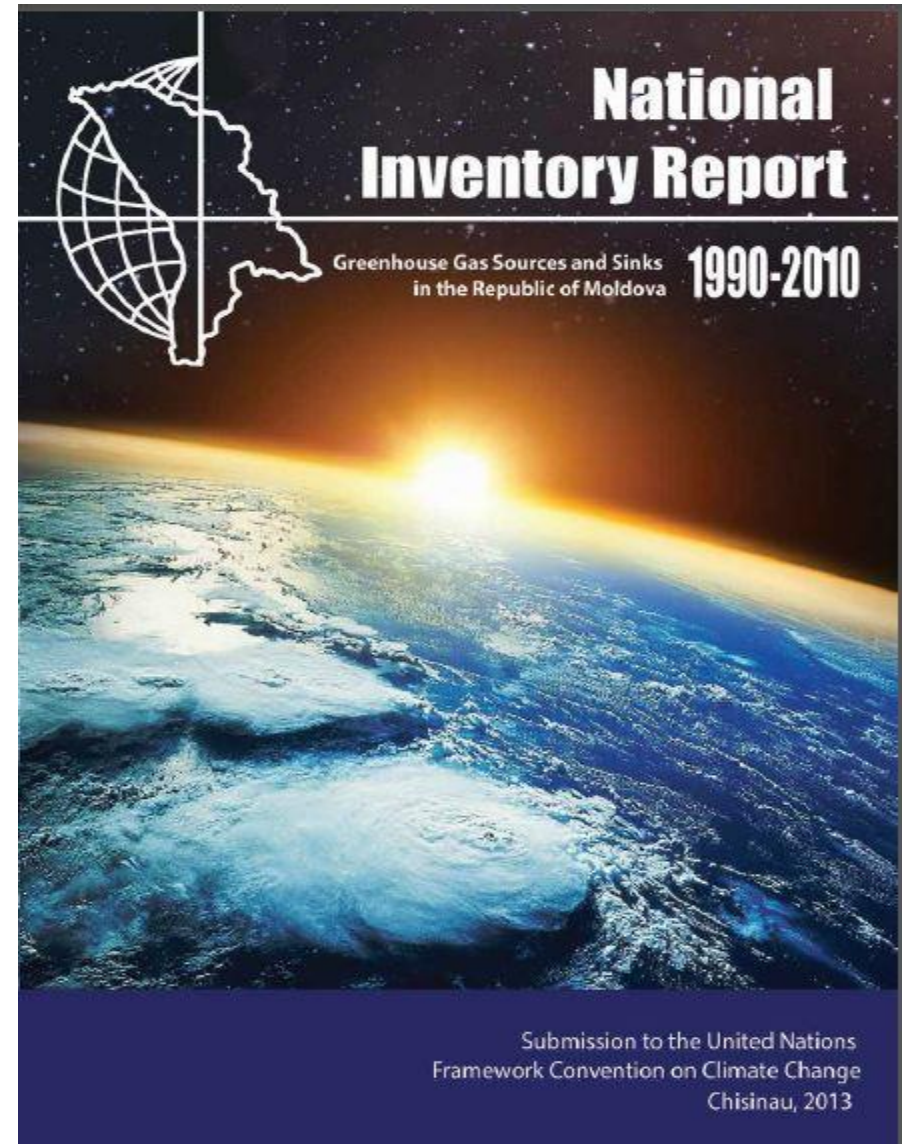
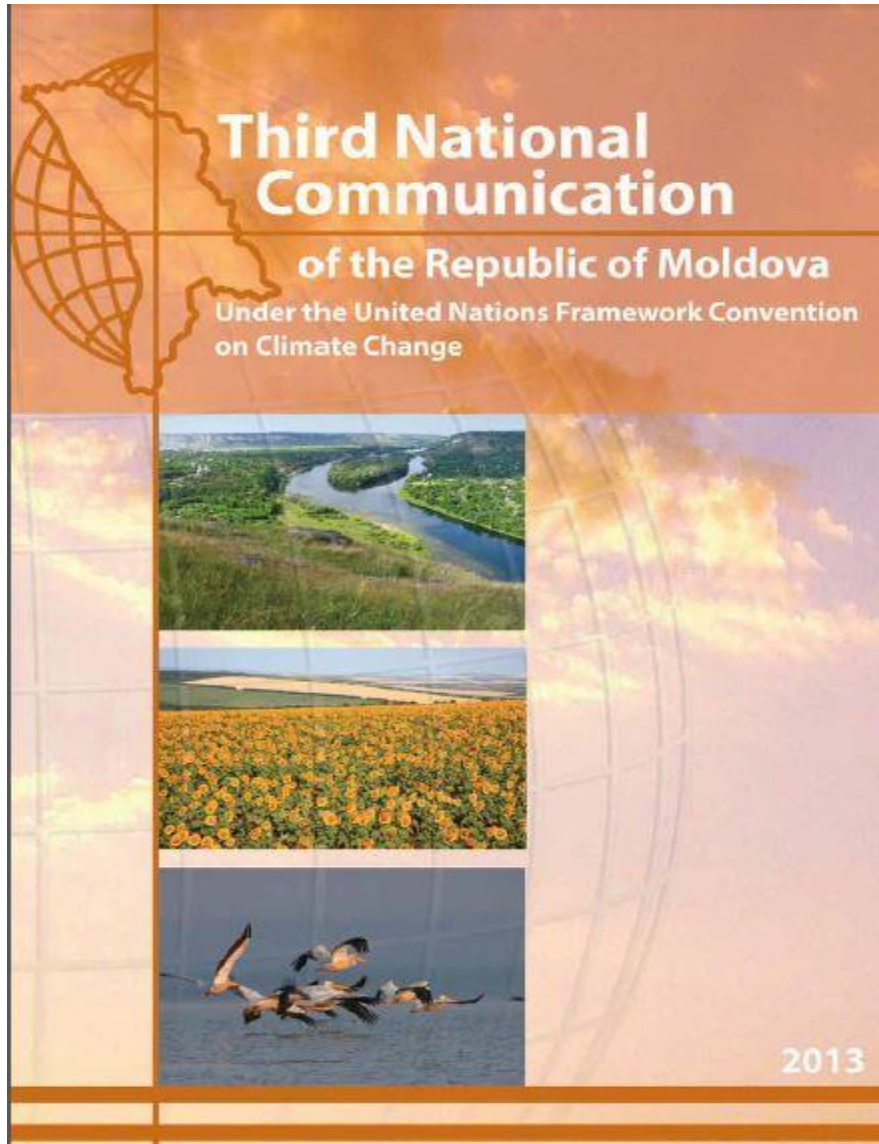
The main tasks of the CCO are as following:

- a) providing support to the Government, central and local public administration authorities, non-government and academic organizations, in activities implemented and promoted by the RM under the UNFCCC and Kyoto Protocol; and
- b) implementing climate change related projects and programs providing for such activities as:
 - GHG emissions evaluations and national inventory reports preparation;
 - development and implementation of GHG emissions mitigation activities;
 - development and implementation of measures aimed to adapt to climate change;
 - assessment of the climate change impact on environment and socio-economic components;
 - cooperation, promotion and implementation of activities and projects under the Clean Development Mechanism (CDM) of the Kyoto Protocol;
 - implementation and facilitation of activities aimed at building awareness and information among civil society, relevant experts and decision makers in climate change related issues, etc.

The role of the Climate Change Office

- The role of CCO is also specified within the **Government Decision No. 141 dated 24.02.2014 on creating the energy statistical system**. Thus, Chapter 2.1, Paragraph 3(h) notes that the Climate Change Office of the Ministry of Environment is responsible for developing national inventories of direct (CO₂, CH₄, N₂O, HFC, PFC and SF₆) and indirect greenhouse gases (NO_x, CO, NMVOC and SO₂), originated from six sectors (Energy, Industrial Processes, Solvents and Other Products Use, Agriculture, LULUCF and Waste).
- Since it was set up in 2004 and until this moment, the Climate Change Office under the Ministry of Environment was and remains responsible for the preparation of National Communications, while since 2014 it is responsible also for developing the Biennial Update Reports of the RM under the UNFCCC.

The most recent reports developed by the Republic of Moldova under the UNFCCC



Institutional Arrangements

Data providers:

National Bureau of Statistics

Ministry of Economy, ATULBD

Custom Service, Ministry of Finance

Ministry of Transport and Road Infrastructure

Civil Aeronautical Authority of the Republic of Moldova

Ministry of Information Technology & Communication

Ministry of Agriculture and Food Industry

“Moldsilva” Agency, Ministry of Environment

State Ecological Inspectorate, Ministry of Environment

State and municipal enterprises

Industrial Associations, etc.

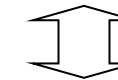
Conference of Parties (COPs),
United Nations Framework Convention on Climate Change



Ministry of Environment
UNFCCC and Kyoto Protocol Focal Point
National entity responsible for reporting NCs, BURs, GHG Inventories and NIRs to UNFCCC



Climate Change Office of the
Ministry of Environment
National entity responsible for developing NCs, BURs, GHG Inventories and NIRs



QA/QC and Verification Activities:

1. Institute of Energy of the ASM – Energy Sector;
2. Technical University of Moldova – Industrial Processes, Solvents and Other Product Use Sectors;
3. Institute of Pedology, Agrochemistry and Soil Protection „N. Dimo” – Agriculture Sector;
4. Forest Research and Management Institute, “Moldsilva” Agency – LULUCF Sector;
5. State Ecological Inspectorate – Waste Sector.

Tasks of the National Inventory Team

Within the CCO the National Inventory Team (inventory coordinator, sector leads and national consultants) are responsible for:

- estimating emissions by source categories and removals by categories of sinks,
- undertaking Key Categories Analysis (KCA),
- implementing Quality Assurance (QA) and Quality Control (QC) procedures,
- Undertaking Uncertainty Assessment,
- documentation, reporting and archiving of data related to GHG inventory,
- BURs and NCs preparation.

Tasks of Inventory Coordinator

The Coordinator (Compiler) of the National GHG Inventory is responsible for managing the inventory preparation process, including:

- supervision of estimating emissions by individual categories of sources and removals by individual categories of sinks,
- undertaking KCA,
- uncertainty analysis interpretation,
- QA&QC activities coordination,
- documentation and archiving the data used in the inventory preparation process,
- synthesis of sectoral reports - serving as basis for NIR preparation.

Tasks of Sector Leads and National Consultants

The sector leads and national consultants (hired on a contract basis) are responsible for:

- estimating emissions by individual categories of sources and removals by individual categories of sinks at sectoral level (Energy, Industrial Processes, Solvents and Other Products Use, Agriculture, LULUCF and Waste),
- collecting activity data (AD),
- applying decision trees in terms of selecting suitable assessment methods and EFs,
- estimating emission uncertainties by individual categories of sources,
- taking correction measures as a response to QA&QC activities.

The sector leads are responsible also for development the sectoral chapters (3 to 8) of the NIR.

Institutionalization of reporting system

- ❖ For implementing the provisions of Environment Protection Strategy for 2014-2023 periods and the Action Plan for its implementation, approved through Government Decision No. 301 dated 24 of April 2014, specifically referring to:
 - ✓ Specific Objective 1 *„Ensuring conditions for a better governance and enhancing the institutional and managerial potential in the area of environment protection for achieving the environment protection goals”*,
 - ✓ Activity Direction 3 *„Ensuring the institutional reform in the environment protection sector”*,
 - ✓ Action 27 *„Institutionalization of the functions of forestry fund, soil resources and air basin protection, and combating climate changes within the environment protection system”*)

in 2016 year it is envisaged setting up through a Governmental Decision the National Reporting System under the UNFCCC (NRS-UNFCCC);

- ❖ Through respective Governmental Decision it will be approved:
 - ✓ The Regulation for organization and functioning of NRS-UNFCCC, Annex No. 1; and
 - ✓ The List of institutions which are part of NRS-UNFCCC, Annex No.2.

Institutionalization of reporting system (cont.)

- ❖ NRS-UNFCCC will regulate all institutional and procedural aspects set up for estimating the level of anthropogenic GHG emissions by source categories or of carbon removals by sink categories, the reporting aspects, as well as the documentation and archiving the information used to develop national GHG inventories.
- ❖ NRS-UNFCCC will represent a system set up to collect, process and report all data and information needed for elaborating the national GHG inventories in accordance with relevant UNFCCC, KP and subsequent decisions.
- ❖ The activity data, indicators and emission factors needed to be collected on regular/periodic basis are clearly mentioned in Annexes 1.1 to 1.4 of the Regulation for organization and functioning of the NRS-UNFCCC.



Thank you for attention!

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