



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET



Montenegro
Ministry of Ecology,
Spatial Planning and Urbanism



TERMS OF REFERENCE

- A. Job title: Local consultants to work on NDC tracking/mitigation chapter
- B. Type of position: National, short-term
- C. Duty Station: home based and Podgorica, Montenegro
- D. Duration of appointment: July 2022 – May 2024 (150 working days)
- E. Contract type: Individual Contract (IC)

I. Background:

The immediate objective of the proposed Enabling Activity Project is to assist the Government of Montenegro to perform the activities necessary to prepare the Fourth National Communication and the First Biennial Transparency Report (4NC/1BTR), thus to fulfil its obligations to the Convention as per decisions 1/CP.16 ,2/CP.17 and 18/CMA.1. This project is prepared in line with the GEF7 climate change mitigation objective CCM3: Foster Enabling Conditions to Mainstream Mitigation Concerns into Sustainable Development Strategies.

As a signatory to the UNFCCC, Montenegro has been obliged to regularly report towards UNFCCC Secretariat on, among other information: GHG Inventory, mitigation and adaptation climate actions, tracking the implementation and achievement of its Nationally Determined Contribution (NDC) under the Paris Agreement.

With this project, Government of Montenegro will be assisted for updating GHG Inventory for reporting year no more than two years prior to the submission of its national inventory report (x-2) which is in line with MPGs for BTR, and in such way fulfill the obligations under the United Nations Framework Convention on Climate Change (UNFCCC).

The project is structured as a set of outputs and activities organized in five (5) components:

1. **National Circumstances, Institutional Arrangements, Description of NDC, Constraints, Gaps and Other Info**
 - 1.1 Review on previous National Communications and overview of the current circumstances, policies and institutional arrangements relevant to the preparation of the Fourth National Communication/Biennial Transparency Report, inclusive of gender perspective;
 - 1.2 Progress towards mainstreaming of climate change considerations along with gender principles into key development strategies and sector-based policy frameworks;
 - 1.3 Other relevant information described (research/systematic observation, technology transfer, education, public awareness, capacity building, constraints and gaps, gender impact assessment).



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2. GHG Inventory

- 2.1 The comprehensive national system for preparation of GHG emission inventories;
- 2.2 The national capacities enhancement for GHG inventory preparation and management;
- 2.3 Report on national sectorial inventories for emissions by sources and removal by sinks of all GHGs.

3. Track Progress of NDC implementation and achievement and Mitigation Actions

- 3.1 The analysis of policies and measures undertaken by the government to reduce GHG emissions by sector (energy, IPPU, AFOLU and waste), including their gender-impact, carried out;
- 3.2 The projections of greenhouse gas emissions up to 2040 under the Paris Agreement in the main sectors and NDC roadmap 2025-2030 completed;
- 3.3 System for NDC tracking, inclusive of monitoring gender impact.

4. Climate change impacts and adaptation

- 4.1 Climate scenarios, socio-economic scenarios, climate change vulnerability, and gender impact assessment for priority sectors developed and plans and programmes proposing measures to facilitate adaptation prepared;
- 4.2 Gender analysis and gender impact assessment of climate change policies with recommendations how to mainstream gender in climate change mitigation and adaptation measures, and broader policy framework, prepared.

5. Compilation, publication and submission of the 4NC/1BTR report, Knowledge Management, Monitoring and Evaluation

- 5.1 Compilation and submission of the 4NC/1BTR report;
- 5.2 Knowledge management;
- 5.3 Monitoring and Evaluation.

Objective of the assignment

The objective of the assignment is to develop chapter Track Progress of NDC implementation and achievement and Mitigation Actions which will include: the analysis of policies and measures undertaken by the government to reduce GHG emissions by sector (energy, IPPU, AFOLU and waste), including their gender-impact, carried out, the projections of greenhouse gas emissions up to by 2030, with the outlook for 2040 under the Paris Agreement in the main sectors and NDC roadmap 2025-2030 completed and system for NDC tracking, inclusive of monitoring gender impact.



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II. Duties and Responsibilities:

Montenegro became a party to the UN Framework Convention on Climate Change by succession, after becoming independent in 2006, being a non-Annex I Party to the UNFCCC. The Ministry of Ecology, Spatial Planning and Urbanist (MESPU) is the main national entity responsible for the national environmental and climate change policy and the National Focal Point to the UNFCCC.

Montenegro submitted its Initial National Communication (INC) in 2011. The report focused mainly on the preparation of a detailed inventory of GHG emissions and a general description of steps taken or envisaged to implement the Convention. The report updated the national GHG inventory using the year 1990 as a base year and presented a trend analysis of the period 1990-2003. The report also includes the mitigation analysis, a downscaling of global circulation models and an analysis of vulnerable sectors and possible adaptation measures. The Second National Communication (SNC) was prepared and submitted in May 2015. The report updated the national GHG inventory using the year 1990 as a base year and presented a trend analysis of the period 1990-2011. The SNC provides updated mitigation analysis, and updated analysis of vulnerable sectors and possible adaptation measures. The Third National Communication (TNC) was submitted to the UNFCCC Secretariat in October 2020. The communication updated the national GHG inventory with up-to-date recalculations for the period 1990-2017, in accordance with 2006 IPCC Guidelines. The update was prepared in line with the findings from UNFCCC Quality Assurance Workshop of the national GHG management system and national GHG inventory of Montenegro. Furthermore, the TNC comprehends updated chapters on Mitigation and Vulnerability & Adaptation Analysis as well as Constrains, Gaps and Needs Analysis.

The First Biennial Update Report (FBUR) was developed and submitted in January 2016. The Second Biennial Update Report (SBUR) was submitted to the UNFCCC Secretariat in May 2019. The FBUR updated the national GHG inventory for the whole series 1990-2013, using IPPC 2006 Guidelines, while through the SBUR further improvement of the national GHG inventory 1990-2015 was done. The SBUR also covers Climate Change Mitigation and Action Plan as well as Development of Conceptual Framework for Monitoring, Reporting and Verification (MRV). The Third Biennial Update Report (TBUR) is submitted to the UNFCCC at December 2021

Using best practices from last NDC and previous reports, assessment of sectors and interventions contributing to GHG emission reduction at the national level will be conducted. The proposed 4NC/1BTR project will continue the work of the TNC and the TBUR in all key IPCC sectors.

Under the direct supervision of the project manager, the he consultant will be responsible for the following:

- Provide technical advisory services in the area of climate change mitigation
- Review mitigation measures with highest mitigation potential
- Develop GHG emissions projections in the main emission sectors (Energy, IPPU, AFOLU and Waste) along with sectoral cost-effectiveness analysis using the most suitable GHG forecast software
- Provide information on NDC/mitigation actions and their effects, including associated methodologies and assumptions as well as proposal of long-term (until 2040) mitigation possibilities



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- Provide information on NDC implementation and track NDC progress
- Provide expert inputs for the stakeholder consultation workshops and outreach activities on climate change mitigation policies and measures, including gender awareness trainings
- Assess roles of women and men in mitigation policies and measures and include them in the report
- Provide recommendations to ensure gender mainstreaming in planning and implementation of climate change mitigation policies and measures.

Main project deliverables will include the following:

- I. Provide technical advisory services in the area of climate change mitigation - Continuously throughout the project implementation
- II. Review mitigation measures with highest mitigation potential – December 2023
- III. Develop GHG emissions projections in the main emission sectors (Energy, IPPU, AFOLU and Waste) along with sectoral cost-effectiveness analysis using the most suitable GHG forecast software GHG emissions – May 2024
- IV. Provide information on NDC/mitigation actions and their effects, including associated methodologies and assumptions as well as proposal of long-term (until 2040) mitigation possibilities - Continuously throughout the project implementation
- V. First draft Mitigation Chapter – May 2023
- VI. Provide information on NDC implementation and track NDC progress - Continuously throughout the project implementation
- VII. Provide expert inputs for the stakeholder consultation workshops and outreach activities on climate change mitigation policies and measures, including gender awareness trainings - Continuously throughout the project implementation
- VIII. Assess roles of women and men in mitigation policies and measures and include them in the report - Continuously throughout the project implementation
- IX. Provide recommendations to ensure gender mainstreaming in planning and implementation of climate change mitigation policies and measures May 2024
- X. Final Mitigation Chapter – May 2024.
- XI. Continuously reporting to Project manager according to Project Indicators Monitoring Matrix.

Time duration and travel:

The assignment will be carried out within 150 working days from July 2022 until May 2024. Due to the nature of the assignment, the consultant would have to closely collaborate with the Ministry of Ecology, Spatial Planning and Urbanism, i.e. its Division for Climate Change, as well as Environment Protection Agency.



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III. Competencies:

- Demonstrates integrity by modeling the UN's values and ethical standards;
- Promotes the vision, mission and strategic goals of UN/UNDP;
- Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability;
- Ability to lead strategic planning, results-based management and reporting;
- Builds strong relationships with clients, focuses on impact and result for the client and responds positively to feedback;
- Consistently approaches work with energy and a positive, constructive attitude;
- Demonstrates good oral and written communication skills;
- Demonstrates ability to manage complexities and work under pressure, as well as conflict resolution.

IV. Qualifications and expertise:

Education:

- University degree – electric engineer; mechanical engineer; environmental science or related fields.
Advanced degree desirable.

Experience:

- Minimum 5 years of experience (preference will be given to candidates with more experience) in development of similar analysis and programmes in climate change, GHG emissions, mitigation.
- Participation in at least 3 similar projects related to mitigation, GHG emissions, climate change.
- Solid knowledge of the United Nations Framework for Climate Change (UNFCCC), Paris Agreement, National Climate Change Strategy until 2030 and NDC, Energy Development Strategy until 2030 and other national related policies and programmes;
- Demonstrable experience in environment sector, especially climate change, including knowledge on roles and responsibilities of relevant national stakeholders and institutions.
- Experience in policy/regulatory/financial frameworks related to climate change.

Language:

- Fluency in English with good writing, presentation and communication skills.

V. The Terms of Reference approved by:

Name: Radovan Bojovic, National Project Director

Signature: 

Date: 17.06.2022.