

GEF-8 REQUEST FOR Climate Change enabling activity

Proposal for Funding Under the GET
Processing Type: Expedite

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SECTION 1: ENABLING ACTIVITY SUMMARY

Enabling Activity Title

Development of the First Biennial Transparency Report and the combined Fifth National Communication and Second Biennial Transparency Report of Armenia to the UNFCCC

Country(ies)	GEF Enabling Activity ID
Armenia	11309
GEF Agency(ies):	GEF Agency Enabling Activity ID
UNDP	6707
Submission Date	Expected Implementation Start
6/2/2023	8/1/2023
Project Executing Entity(s):	Executing Partner Type
Hydrometeorology and Monitoring Center SNCO of Ministry of Environment of the Republic of Armenia	Government
GEF Focal Area (s)	Expected Duration (In Months)
Climate Change	51
Type of Report(s)	Expected Report Submission to Convention
UNFCCC Biennial Transparency Report (BTR)	12/31/2024
UNFCCC Biennial Transparency Report/ National Communication (BTR/NC)	12/31/2026

A. Funding Elements

GEF-8 Program	Trust Fund	GEF Financing (\$)
CCM-EA	GET	1,233,000.00
Total Enabling Activity Cost		1,233,000.00

Does the enabling activity deviate from typical cost ranges? Yes No

If yes, please describe

N/A

B. Enabling Activity Summary

Enabling Activity Objective

Enabling Activity Objective: To assist Armenia in the preparation and submission of its First Biennial Transparency Report (BTR1) and a combined Fifth National Communication and Second Biennial Transparency Report (NC5/BTR2) for the fulfillment of the obligations under the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris Agreement (PA).

Enabling Activity Summary

This project is prepared in line with the GEF-8 Climate Change (CC Set-Aside) Focal Area Strategy and Associated Programming/Pillar II: Foster enabling conditions to mainstream mitigation concerns into sustainable development strategies/ Objective 2.2 Support relevant Convention obligations and enabling activities; and following goals and objectives:

Project Development Objective:

The goal of the project is to assist the country in mainstreaming and integrating climate change considerations into national and sectoral development policies by giving continuity to the institutional and technical capacity strengthening process, initiated by previous climate change enabling activity projects and further enhanced in the framework of the Capacity Building for Transparency Framework project.

Project Immediate Objective:

The project will enable Armenia to prepare and submit its First Biennial Transparency Report and a combined Fifth National Communication / Second Biennial Transparency Report, thus meeting its reporting obligations under the UNFCCC and the Paris Agreement, in line with the modalities, procedures and guidelines (MPGs) for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (PA) (Decision 18/CMA [1].1) and the guidance on operationalizing the MPGs as per Decision 5/CMA.3. Furthermore, the project will also enable Armenia to prepare and submit its Adaptation Communication to the UNFCCC as a component of the BTR1 and NC5/BTR2 in line with Article 7 of the PA and Decision 9/CMA.1.

Climate change is an urgent and growing threat to human and natural systems. Since the Paris Agreement was adopted in 2015, governments and non-state actors have mobilized to implement it through a stronger and more ambitious climate action. The Article 13 of the Paris Agreement establishes an Enhanced Transparency Framework (ETF) for action and support designed to build trust and confidence that all countries are contributing their share to the global effort. By tracking and reporting on the progress and implementation challenges of their climate pledges, countries will have the necessary information to strengthen their ambition in the future and identify new priority areas for action, along with the resources needed to ensure that each National Determined Contribution (NDC) cycle builds on the previous one. Importantly, outputs from the reporting and review process under the ETF will be considered at a collective level and provide an important source of information for the Global Stocktake (GST) leading to stronger climate action that will continue as the climate regimes moves towards the goal of zero net emissions by 2050 and climate neutrality thereafter.

The new transparency system under the Paris Agreement builds on and enhances the existing systems under the Convention. National Communications (NCs), Biennial Update Reports (BURs) and the International Consultation and Analysis (ICA) process have formed part of the experience drawn upon and contributed to improvements of capacity constraints and continuous building of capacity and expertise in advance of the ETF. The new reporting guidelines constitute noticeable enhancement for developing country Parties in terms of frequency, scope and depth of reporting. There is widespread recognition that developing country Parties will need support to help them apply the new guidelines.

The CMA decided that Parties shall submit their first BTR and national inventory report, if submitted as a stand-alone report, in accordance with the adopted modalities, procedures and guidelines, at the latest by 31 December 2024 and that Least Developed Countries (LDCs) and Small Island Developing States (SIDS) may submit this information at their discretion. The Modalities, Procedures, and Guidelines (MPGs) were adopted in the Katowice Climate Package through decision 18/CMA.1 sets the rules for the implementation of the ETF under the Paris Agreement. At the 26th session of the Conference of the Parties (COP26), the "Paris Agreement rulebook"/MPGs has been finalized. This set of rules lays out how countries are held accountable for delivering on their climate action promises and self-set targets under their Nationally Determined Contributions (NDCs) and enable the operationalization of the enhanced transparency framework.

(Decision 5/CMA.3: Guidance for operationalizing the modalities, procedures and guidelines for the enhanced transparency framework referred to in Article 13 of the Paris Agreement).

The preparation of the BTR1 and NC5/BTR2 with the financial assistance of the GEF will serve to further strengthen institutional and technical capacities of Armenia for implementing the Convention, the Paris Agreement and reporting thereon to the UNFCCC. The project will provide the platform for furthering the development and implementation of the Measurement Reporting and Verification (MRV) systems for tracking emissions, mitigation, adaptation, and support within the Enhanced Transparency Framework of the PA.

The project objectives will be achieved through the outcomes and outputs as defined in the Project Results Framework presented in the final part of this section.

Stakeholder involvement

Stakeholder involvement and consultation processes are critical to the success of the project. An effective engagement of key stakeholders has been done during project preparation and is envisaged during implementation, monitoring and evaluation to enhance ownership of the NC and BTR processes and makes these reports more responsive to national needs. The project proposal intends to strengthen stakeholder’s participation to collectively participate in addressing climate change issues and challenges in Armenia. The stakeholders of the project are expected to come from a wide range of backgrounds, including line ministries and agencies, local communities, local authorities and NGOs, mass-media, research institutions, private sector and international organizations, with particular emphasis on related sectors.

This project proposal has been developed in consultation with relevant experts, government staff, policymakers and NGOs who participated in the previous NC/BUR exercises. Their views and needs were integrated into the design of this new enabling activity project.

The preparation process of the previous National Communications and Biennial Update Reports to the Conference of the Parties of the UNFCCC, has contributed to the institutional strengthening of the Ministry of Environment, as a competent lead institution for the application of the Convention as well as of other relevant institutions at national level, including Interagency Coordinating Council for the Implementation of the Requirements and Provisions of the UN Framework Convention on Climate Change and Paris Agreement. This project will additionally improve the sustainability of the preparation of future NCs/BTRs/NDCs/National Adaptation Plans(NAPs) and will facilitate the reporting requirements to the UNFCCC. Active participation by all stakeholders in the formulation of mitigation and adaptation policies and measures will be facilitated to ensure ownership and sustainability.

It is understood that the most effective way to address climate change, is to allow a real co-management of the issue, where all key stakeholders are involved, in particular in relation to the design and implementation of the mitigation and adaptation actions, in the framework of pursuing the wider objectives of sustainable development.

The integration of the different sectors strengthens the institutional and technical capacity of the different stakeholders and institutions, not limited to a reduced group of experts and decision makers from the governmental institution where lies the responsibility for the fulfillment of the national obligations to the Convention. Efforts will be made to take into consideration the needs of excluded and marginalized groups which are more affected by climate change and have less resources to adapt. For this purpose, the project team will use various tools, including design thinking, behavioral science, and foresight, thus creating a collaborative space where different stakeholders will join forces to assess policies and actions that will contribute to mitigation of GHG emission and will enhance the resilience and adaptive capacities to climate change on national and local levels.

The table below presents the main stakeholders at the national level who will be involved in the project. The table also provides an overview of their potential roles in the project and means of engagement:

Stakeholder	Role in the project	Means of Engagement
Governmental Institutions		
Ministry of Environment	The Ministry is the main coordinator of climate change activities and focal point of the UNFCCC. It is in charge of developing	The project will be executed by the HMC under the supervision of the Ministry. The HMC will also be responsible for

	<p>GHG inventories, reporting to the UNFCCC, following up on Armenia's NDC, and coordinating Inter-ministerial interaction. The Climate Policy Department serves as a key beneficiary of the project. It is involved in the project design, and the Minister, who serves as the GEF Operational and Political Focal Point for Armenia, has provided an endorsement letter to the GEF implementing agency. The Deputy Minister, who serves as the UNFCCC focal point, was continuously consulted in the process of project document preparation.</p> <p>The “Hydrometeorology and Monitoring Center” (HMC), which is a state non-commercial organization (SNCO) under the Ministry of Environment, is responsible for hydrometeorological observation system and monitoring of the environmental situation and reporting in Armenia. The Center has signed a Responsible Partner Agreement with the UNDP-GEF CBIT project to provide expert support on data collection and analysis for the national GHG inventory.</p>	<p>coordinating all activities envisaged under the project.</p> <p>Office space will be provided by the Ministry as part of the government’s in-kind contribution, as well as premises for meetings, means of communication and other utilities, along with information and time of civil servants and governmental officials involved in Inter-agency Coordinating Council and its three Working Groups.</p>
<p>Inter-agency Coordinating Council for Implementation of Requirements and Provision of the UNFCCC</p>	<p>The Council chaired by Deputy Prime Minister has the authority to coordinate reporting on climate change and ensure coherent policies for achievement of Armenia’s commitments under UNFCCC and coordination of the NDC 2021–2030.</p> <p>The Council is chaired by the Vice Prime Minister and co-chaired by the Minister of Environment. The Council is composed of high-level officials (deputy ministers) of 13 ministries, 3 state agencies, and 2 independent entities.</p> <p>The Council also has three new inter-agency standing working groups nominated from the corresponding ministries: i) Mitigation and Adaptation, ii) Reporting, and iii) Finance. They are mandated to facilitate the work of the Council and provide professional and expert support. The results produced by working groups are subject to approval by the Council.</p>	<p>Coordinate development of national public policy for mitigation and adaptation to climate change, as well as its incorporation in the corresponding sectoral programs and actions. Ensure necessary actions for the fulfillment of the objectives and commitments under UNFCCC and its link to other international obligations.</p> <p>Serve as a platform for sharing the sectoral work reported by Ministries relation to the implementation of climate agenda.</p>
<p>Ministry of Territorial Administration and Infrastructure</p>	<p>This ministry is a member of the Inter-agency Coordinating Council on Climate Change. It is responsible for the development and implementation of the state policy on energy saving and renewable energy and for the development of the annual energy balance. The ministry is also coordinating government policy with regional</p>	<p>The Ministry will provide both information and relevant data used in the assessments on achieving the NDC goals under Article 4 of the Paris Agreement, including information related to GHG inventory in Energy sector, tracking the progress on mitigation measures in energy and transport sector as a key source of GHG emissions, on policies</p>

	<p>administrations and communities, including implementation of the State Subvention Programme, which provides subsidies for community projects. These functions make the Ministry a key partner in the design and implementation of the climate agenda and key actor in the MRV framework.</p>	<p>supporting the communities in implementing mitigation and adaptation projects, waste sector data.</p> <p>The Ministry will be a member of the MRV network providing information on, finance, technology transfer, capacity building support needed and received.</p> <p>It will provide information and participate in training and capacity strengthening activities within the project.</p>
Ministry of Economy	<p>The ministry oversees economic policy in general and sectoral policies, such as agrarian policy and policies regarding foreign direct investment in Armenia and promotion of private sector in designing and implementing green solutions. It is also involved in agricultural statistics.</p>	<p>The ministry will provide data on agriculture, livestock and land use data for the AFOLU sector of the GHG Inventory and consulted for improving the agriculture sector GHG emissions estimate and reinforcing adaptation monitoring and reporting. They will participate in training and capacity strengthening activities within the project.</p>
Statistics Committee (Armstat)	<p>The Committee is a member of the Inter-agency Coordinating Council on Climate Change and one of the main data providers for the National GHG Inventories and the SDGs.</p>	<p>The specialists of Committee will be involved in activities aimed at improving the consistency and coverage of climate indicators and activity data, including improving gender disaggregated statistics. The Committee will also participate in capacity strengthening and awareness-raising activities within the project.</p>
Ministry of Labour and Social Affairs	<p>The Ministry is national authority on social and labor policies for poor and vulnerable (pensionaries, unemployed and disabled) population and lead gender policies framing and coordinate implementation.</p> <p>The Ministry will be involved in the project to ensure and operationalize gender equity in adaptation and mitigation activities, policy formulation and knowledge.</p>	<p>The specialists of the Ministry as members of the Climate Change Inter-agency Council and Women and Men Equal Rights and Equal Opportunities Council (created by the order of Prime Minister) and the corresponding working groups will be regularly updated and consulted on social and gender impacts of the climate change in different sectors of economy, participated in workshops and trainings aimed at formulation of needs and progress, for appropriate inclusion of climate change in corresponding policies under Ministry authority.</p>
Public Services Regulatory Commission	<p>The commission is a member of the Inter-agency Coordinating Council on Climate Change, and it serves as an independent regulatory body. Among other responsibilities, it sets tariffs for gas and electricity and establishes the rules for electricity markets.</p>	<p>The Commission will provide information and participate in the QA/QC of the information reported under GHG Inventory and mitigation actions.</p>
Ministry of Internal Affairs	<p>The ministry is the National focal point to the Sendai Framework and leads the National Platform on Disaster Risk Reduction</p>	<p>The synergy and complimentary of climate change risks and adaptation will be ensured through joint consultations and involvement in report preparation</p>

Committee of the Real Estate Cadaster	This committee is a member of the Inter-agency Coordinating Council on Climate Change. It maintains and publishes the land balance, including information on land use change.	The Committee will provide information on land use and land use change and participate in capacity strengthening activities.
Civil aviation office	Activity data on GHG emissions as signatory to the CORSIA	The Office will provide data and will participate in capacity building activities of the project.
Academia and Educational Insitutions		
Institutes of the National Academy of Sciences Yerevan State University Agrarian University Polytechnical University American University of Armenia Scientific Research Institute of Energy	Scientific institutes and universities are undertaking scientific studies and are cooperating in the frames of HORIZON 2020 program with other scientific centers.	The specialists from scientific centers will provide information related to climate change impacts and adaptation under Article 7 of the PA; improving national factors of anthropogenic emissions by sources and removals by sink of greenhouse gases under Article 13 of PA; tracking progress made in implementing and achieving nationally determined contributions under Article 4 of the PA; providing information technology development and transfer and capacity-building support needed and received under Articles 9 and 11 of the PA etc. Participate in the climate change awareness activities.
Private sector, NGOs		
The Private Sector	Private sector enterprises contribute to national emissions of GHGs in certain sectors, such as Industrial Processes and Product Use (IPPU) for certain sources, such as fluorinated gases (F-gases). At the same time, private sector investments in areas such as renewable energy and energy efficiency can reduce GHG emissions.	<p>The private sector will be involved in the project for provision of activity data related to the MRV system reporting on mitigation when private sector investment results in GHG emission reductions.</p> <p>Individual enterprise-level reporting for key emitting industries, such as cement factories, copper and molybdenum re-processing, and glass production.</p> <p>In addition, the project will involve the banking sector as commercial banks play an active role in financing investments in renewable energy and energy efficiency and in small and medium-size enterprises in the service sector, processing industries, and agriculture. It is therefore important to establish a two-way communication channel for data collections on investments that generate mitigation benefits.</p>

Non-Governmental Organizations (NGOs)	<p>NGOs active in climate change play an important role in involvement of the communities in consultations related the climate change socioeconomic impact assessment, as well as involvement as active participants in implementation of climate change agenda, and advocate for civil rights. The NGOs previously active as, Ecolur, Khazer, Green Lane Community Leaders Association, Armenian Red Cross Society will be involved, and the list will be further updated.</p>	<p>NGOs will play an important role in collection of data and awareness-raising in communicating the climate research and information for engaging youth, civil society, communities and the broader public in climate change resilience building.</p> <p>The project web-page on the www.nature-ic.am portal will be designed in order to maximize public access to climate change-related data and information on events and capacity building activities.</p>
International organizations		
International organizations	<p>Multilateral and bilateral agencies, such as the World Bank, the European Commission, the European Bank for Reconstruction and Development (EBRD), KfW, USAID, and others are funding projects related directly or indirectly to climate change.</p>	<p>The project will maintain ongoing, two-way communication with these agencies, and it will include them in the data-sharing system and MRV network, particularly regarding reporting on mitigation activities, support received, and support for NDC revision and/or strengthening.</p>

A preliminary Stakeholder engagement plan envisages the following meetings:

- Inception workshop to discuss the conceptual framework and design for each report/area of work and to highlight any existing challenges to data acquisition and sharing, monitoring, assessment, and reporting;
- Stakeholder consultation workshops to involve stakeholders in the reporting process;
- Capacity building workshops on thematic areas of the ETF, BTRs and NC;
- Individual meetings of thematic working groups with sector representatives;
- Group discussions to solicit ideas, create synergies and opportunities for networking, knowledge sharing and joint actions;
- Validation workshops to discuss results and validate accuracy of the analysis and assure quality of the results;
- Final dissemination workshop to discuss findings, raise awareness and reinforce collaboration and networking

The stakeholder engagement plan will be consolidated and implemented in conjunction with the Gender Action Plan, thus ensuring that gender equality considerations are firmly integrated throughout project interactions with stakeholders.

Covid-19 considerations:

The stakeholder engagement plan will include measures to manage the risks that the COVID-19 pandemic and the possible reinstatement of containment measures may pose on the mobility and engagement of both project staff and stakeholders. The Project will employ videoconferencing equipment/tools for virtual meetings and workshops, revise

workplan, apply social distancing and provide personal protective equipment (PPE) to prevent exposure among project staff, stakeholders, and participants as and when necessary. Budget provisions will be included for IT support and PPE accordingly.

At the commencement of the project, a risk assessment of the potential impact of the COVID-19 pandemic will be performed and measures to mitigate its effect on the project will be identified and implemented. The impact of the COVID-19 on project progress will be closely monitored, and adaptive management will be used to minimize and address impacts it may have on the availability of technical expertise, capacity, and delivery timelines. The Project will focus on strengthening capacity and experience for remote work and online interaction.

The national process of the preparation of the BTRs and NCs can assist COVID-19 response efforts such as Build Back Better and Greener plans. Like many countries, Armenia now faces the challenge of strengthening its public management, reactivating its economy, and adjusting to a new normality; thus, this transition can be directed towards a new model of national development that is sustainable, inclusive, low in emissions, and resilient to climate change.

Gender dimension

The project will encourage the active participation of women and men in decision-making processes throughout the project implementation cycle. Gender balance will be considered in project management structures and capacity building actions (e.g., trainings, workshops, stakeholder consultations).

The Global Gender Gap Index report (2017) has scored Armenia of 0.667, which places it 97th out of 142 countries.^[21] The results indicate a relatively low gap in educational attainment but high gender inequality in political empowerment.

Article 14.1 of the Constitution (1995) provides equality of men and women before the law and prohibits discrimination on the basis of sex. The 2003 Criminal Code (Article 143) also prohibits gender discrimination. The Labor Code, which was adopted on 9 November 2004, sets forth gender equality on remuneration and in 2013, the Law on Equal Rights and Equal Opportunities for Men and Women went into force. This law defines the concepts and terms related to gender equality, sexual harassment, concrete forms of direct and indirect discrimination, development and implementation of national gender equality policy and programs, and its evaluation and monitoring through the collection of statistics. It should be noted that Armenia has adopted the 2015 UN Sustainable Development Goals (SDGs). As a result, they have committed to progress under SDG 5: “Achieve gender equality and empower all women and girls.” Under this goal, countries are to achieve nine specific targets that include the following relevant targets for this project:

- “Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision making in political, economic and public life;” and
- “Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women”.

The Statistical Committee of the Republic of Armenia produces a publication with various gender-disaggregated statistics for women and men for the past several years titled as Women and Men in Armenia and is responsible for reporting on gender statistics to international organizations.

Gender-specific impact of the energy sector mitigation actions were analyzed and reported in the frames of the BUR3. The gender responsive principle was one of the five key principles used for development of the National Adaptation Plan.

In the course of the review of the country’s NDC, the public consultations were conducted in an inclusive and gender-responsive manner, which must be maintained also on the further steps of the NDC review. The NDC-2021 states that the implementation of climate actions must consider the needs of youth and vulnerable groups in a gender responsive manner.

During 2019-2021, active discussions on climate change and gender cross-cutting issues initiated and supported by the “National Adaptation Plan (NAP) to advance medium and long-term adaptation planning in Armenia” as Green Climate Fund - UNDP and “Building Armenia’s national transparency framework under Paris Agreement (CBIT Armenia)” as GEF-UNDP Projects, resulted in the adoption of two decrees. First, by the Prime-Minister Decree N215-A (09.03.2021), the Deputy

Minister of Environment became a member of the Women's Council of the Republic of Armenia created in 2019, and second, climate change-related activity was included in the "National Programme and 2022-2024 Action Plan for Implementation of UN Security Council Resolution N1325 on "Women, Peace and Security" adopted by the Government in 02.06.2022 (Decree No. 803-L).

National reporting processes under the UNFCCC is an important opportunity for training, awareness-raising and capacity-building efforts to ensure women's equal engagement in and benefit from climate change action. Preparation of reports can also influence other ongoing climate change planning and policymaking processes.

This project will apply the "Gender Responsive National Communications Toolkit^{[3]2}" developed by the Global Support Programme (GSP) through UNDP in collaboration with UNEP and GEF and the updated version of the toolkit upon its availability.

In line with [the GEF SEC's policy on gender equality^{\[4\]}](#) and [Guidance to advance gender equality in GEF projects and programs^{\[5\]}](#), the project will prepare and finalize [Gender analysis and Gender action plan^{\[6\]3}](#) during its inception phase^{[7]4}.

Gender analysis will follow the structure of five priority areas of the UNFCCC Gender Action:

- Capacity building, knowledge sharing and communications.
- Gender balance, participation and women's leadership.
- Coherence.
- Gender responsive implementation and means of implementation.
- Monitoring and reporting.

An initial stocktaking and gender analysis across all areas – and inclusion of stakeholders who understand gender issues in relation to their sectors – will be conducted to assess and understand where deeper analysis and action is required. The areas where data and information on gender and climate change is not available will be identified with priorities and steps to fill gaps.

The update of the national circumstances under each component will disaggregate relevant data by sex with the objective to better understand how the social and economic differences between men and women affects the capability of dealing with mitigating and adapting to climate change. Seeing that women are being acknowledged as agents of change who make important contributions to climate change adaptation and mitigation, a gender perspective will be incorporated in the climate change impacts and adaptation and NDC progress assessment and analysis of mitigation actions.

The coordination with the ministries through the Inter-agency Council on Climate Change will continue to be central for the implementation of the NDC in a gender-sensitive manner. The inputs of the local governments and other stakeholders will be essential for the implementation of the national climate change policy and for the integration of gender aspects in the BTR1 and NC5/BTR2.

For all analysis included in the project, gender-disaggregated data from national statistical agency and international approved sources for the following topics: education level, employment by economy sectors and other sectors identified as GHG emitters, gender pay gap (general and by sectors), leadership, economic empowerment, and health among others will be included to summarize status of women and men nationally and by sector.

Gender inequalities in the face of climate change will be addressed by recognizing the roles and participation of women and men in decision-making, and the differentiated impacts they face amid climate change on issues such as: access to water, agriculture, risks from natural disasters, health, energy access and consumption, among others.

The Project will provide capacity-building in relation to NC/BTR purpose and content, gender issues in environment and their role in the NC/BTR processes if necessary.

The project will encourage the active participation of women and men in decision-making processes. Gender balance will be considered in project management structures and capacity building actions (e.g., trainings, workshops).

The preliminary Gender Action Plan envisages the following actions under each component:

Objective	Action	Indicator	Responsible Institution
Component 1: National Greenhouse Gas Inventory (GHGI)			
Ensure that gender considerations are mainstreamed into the national GHGI.	<ul style="list-style-type: none"> Collect and assess existing statistics relevant to gender and GHG emissions. Identify statistical gaps and create recommendations for improvement of statistics. Undertake measures for collection and disaggregation of relevant data by gender. 	<ul style="list-style-type: none"> Compilation of gender-related statistics in GHGI. Number of recommendations for improvements of gender-disaggregated data in the GHGI. Instances where sectoral data is disaggregated by gender in the GHGI. 	<p>Executing Entity</p> <p>Data providers and Statistics Committee (Armstat).</p>
Component 2: Progress made in implementing and achieving Nationally Determined Contributions (NDCs)			
Ensure that gender considerations are mainstreamed into reporting on progress made in relation to the NDC	<ul style="list-style-type: none"> Collect and assess existing statistics relevant to gender and climate. Identify statistical gaps and create recommendations for improvement of statistics. Undertake measures for collection and disaggregation of relevant data by gender. Assess the role of women and men in the development and implementation of mitigation policies and measures and provide recommendations to ensure gender mainstreaming in planning and implementation of mitigation policies and measures. 	<ul style="list-style-type: none"> Number of newly established statistical indicators on gender and climate. Number of recommendations for improvements of gender-disaggregated data in the context of climate change. Number of instances where reporting includes gender-disaggregated data. Assessment of the role of women and men in planning and implementation of mitigation measures is included in the BTR1 and NC5/BTR2 	<p>Armstat and other data providers</p> <p>Executing Entity</p>
Component 3: Climate Change Impacts and Adaptation			
Ensure that gender considerations are mainstreamed into reporting on impacts and adaptation	<ul style="list-style-type: none"> Include the gender-specific context of national circumstances that are relevant to adaptation policies and measures. Consideration of gender differences in climate change impacts. 	<ul style="list-style-type: none"> Number of instances where gender-related information is included in reporting on adaptation. Discussion in national reports on how climate change impacts are experienced differently by women and men. 	<p>Executing Entity</p>
Component 4: Support needed and received and other information			

Objective	Action	Indicator	Responsible Institution
Ensure that gender considerations are mainstreamed into reporting on other areas of the two reports	<ul style="list-style-type: none"> • Include gender-sensitive analysis in the areas of capacity needs and public awareness. • Include information on how gender considerations and women's active participation were supported in the compilation of the two reports. 	<ul style="list-style-type: none"> • Presence of gender-sensitive analysis of capacity needs and public awareness in both reports. • Presence of information of how gender considerations and women's active participation were supported in the compilation of the two reports. 	Executing Entity
Component 5: Preparation and submission of the First Biennial Transparency Report and the combined Fifth National Communication and Second Biennial Transparency Report to UNFCCC and knowledge management			
Ensure gender equity in stakeholder engagement and knowledge management	<ul style="list-style-type: none"> • Consult gender institutional mechanisms in development of all reports. • Align reporting with international good practice as detailed in the UNDP-UNEP-GEF toolkit on gender mainstreaming for national reporting. 	<ul style="list-style-type: none"> • Number of actions, initiatives and reports developed and presented in cooperation with institutions and organizations focusing on gender issues. • Number of examples where toolkit practices have been applied to reports. 	Executing Entity
Monitoring & Evaluation			
Mainstream gender considerations into project reporting	<ul style="list-style-type: none"> • Ensure that mainstreaming gender considerations and the meaningful participation of women in the project are monitored and reported on in UNDP and GEF annual reporting exercises 	<ul style="list-style-type: none"> • Number of monitoring reports/surveys describing the progress on mainstreaming gender in project activities. 	Executing Entity, UNDP
Project Management			
Ensure equitable participation in the project by women and men	<ul style="list-style-type: none"> • Organize trainings on gender mainstreaming (with an emphasis on data collection, inclusion of gender mechanisms, and gender and energy issues). • Develop and implement a plan that will support equal opportunities for women in project training and capacity strengthening activities. • Monitor gender balance of project staff and consultants. • Establish cooperation channels between gender institutional mechanisms and responsible institutions included into project implementation. 	<ul style="list-style-type: none"> • Number of trainings organized on gender mainstreaming in the project. • Ratio of women and men participating to trainings (with contextual information provided). • Percentage of project staff and consultants that are women. • Presence of women's organizations on the Inter-Agency Council on Climate Change. 	Executing Entity

[1] CMA: The Conference of the Parties, the supreme body of the Convention, shall serve as the meeting of the Parties to the Paris Agreement. All States that are Parties to the Paris Agreement are represented at the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA), while States that are not Parties participate as observers. The CMA oversees the implementation of the Paris Agreement and takes

decisions to promote its effective implementation (source: UNFCCC, <https://unfccc.int/process/bodies/supreme-bodies/conference-of-the-parties-serving-as-the-meeting-of-the-parties-to-the-paris-agreement-cma>).

[2] World Economic Forum (2017). Global Gender Gap Report.

[3] https://www.un-gsp.org/sites/default/files/documentos/undp_gender_responsive_national_communications_toolkit_0.pdf

[4] http://www.thegef.org/sites/default/files/council-meeting-documents/EN_GEF.C.53.04_Gender_Policy.pdf

[5] http://www.thegef.org/sites/default/files/council-meeting-documents/EN_GEF.C.54.Inf_05_Guidance_Gender_0.pdf

[6] Guide to Conducting a Participatory Gender Analysis and Developing a Gender Action Plan for projects supported by UNDP with GEF financing:

https://intranet.undp.org/unit/bpps/sdev/gef/_layouts/15/WopiFrame.aspx?sourcedoc=/unit/bpps/sdev/gef/Gender%20Library/UNDP%20GEF%20Guidance.%20How%20to%20conduct%20gender%20analysis%20and%20gender%20action%20plan.pdf&action=default

[7] The GEF Enabling Activities and policy/strategy work 33. Enabling Activity projects provide financing for the preparation of a plan, strategy, or national program to fulfill the commitments under the Conventions that the GEF serves, including national communication or reports to the Conventions. Similarly, many GEF-financed medium- and full-size projects include activities that focus on developing and preparing national policies or strategies and, as such, do not work directly with beneficiaries on the ground. These plans and strategies provide an essential opportunity to recognize, build capacity, and to develop actions to advance GEWE. Some possible actions to include in these national documents include the following:

- request that gender experts review draft plans and strategies;
- ensure that any background and stocktaking exercises associated with development of the plans and strategies adequately account for the different roles for women and men;
- ensure that women are effectively engaged as members of stakeholder groups consulted during development of the strategies and plans;
- consider including gender-disaggregated data collection and/or gender-specific indicators; and
- consider how national gender policies can be incorporated into sectoral strategies and action plans.

[file:///C:/Users/Gulsah%20Dark/Desktop/New%20folder%20\(2\)/6707_1BTR%20_%205NC%202BTR_Armenia_EA%20Request%20Form_24%20May%202023%20\(2\).docx - ftnref1](file:///C:/Users/Gulsah%20Dark/Desktop/New%20folder%20(2)/6707_1BTR%20_%205NC%202BTR_Armenia_EA%20Request%20Form_24%20May%202023%20(2).docx - ftnref1)

ENABLING ACTIVITY COMPONENTS

1. National Greenhouse Gas Inventory (GHGI)

GEF Enabling Activity Financing (\$): 410,000.00

Outcome:

1.1. National GHGIs improved and updated for the period of 1990-2022 as part of the First Biennial Transparency Report (BTR1) and for the period of 1990-2024 as part of the NC5/BTR2 coherent with the modalities, procedures and guidelines (MPG) requirements.

Output:

1.1.1. Information on existing institutional arrangements and methodologies used for data collection, processing and storage and the continued estimation, compilation and reporting of national inventory reports including information on the role of partner institutions, updated considering the recommendation of the international review (technical analysis of BUR3).

1.1.2 National GHG inventories prepared for the period of 1990-2022 and 1990-2024 according to the 2006 Intergovernmental Panel on Climate Change (IPCC) guidelines (and the 2019 Refinement of the 2006 IPCC guidelines to the extent possible) for sectors of energy, industrial processes and product use, agriculture, forestry and other land use (AFOLU) and waste.

1.1.3. Quality Assurance and Quality Control (QA/QC) Plan developed and implemented in accordance with the GHG Inventory Quality Management System.

1.1.4. Uncertainty and completeness assessment and analysis of GHG emissions from key source categories performed.

1.1.5. National emission factors for the key sources updated.

1.1.6. Improvement Plan for subsequent inventories updated to incorporate international review findings.

1.1.7. Capacities to report on GHG emissions through the national Measurement Reporting and Verification (MRV) platform strengthened.

2. Progress made in implementing and achieving Nationally Determined Contributions (NDCs)

GEF Enabling Activity Financing (\$): 254,500.00

Outcome:

2.1. Strategies and mitigation measures implemented to comply with the updated NDCs reported.

Output:

2.1.1. Institutional arrangements, including gender perspectives for tracking NDC implementation, described.

2.1.2 Information on the NDC, including reference points, target years, implementation period, scope, coverage, indicators and their progress updated.

2.1.3. Information on policies and programs on NDC mitigation actions updated and reported.

2.1.4. GHG emissions forecast for 2030 and 2040 under the Business as Usual (BAU) and mitigation scenarios conducted.

2.1.5. National capacities for tracking and reporting mitigation actions through the MRV platform strengthened.

2.1.6. Quality assurance and Quality control (QA/QC) system for the national MRV system implemented.

3. Climate change impacts and adaptation

GEF Enabling Activity Financing (\$): 284,910.00

Outcome:

3.1. Information related to climate change impacts and adaptation measures reported

Output:

3.1.1. National circumstances, institutional arrangements, legal framework for adaptation actions, including gender-specific context, described.

3.1.2. Climate scenarios analyzed for Armenia up to Year 2100 based on the latest generation models.

3.1.3. Impacts of climate change, at the national and regional level; current and future vulnerability in Armenia assessed, including the critical sectors/areas (water, agriculture, natural ecosystems, health, settlements, built infrastructure and tourism) as well as gender and social implications.

3.1.4. Policy instruments and adaptation actions and their direct and indirect effects including methodologies, indicators, tools, and assumptions, and how that contributes to the National Adaptation Plan and NDC identified and described.

3.1.5. National capacities on vulnerability and adaptation assessment strengthened.

4. Support needed and received and other information

GEF Enabling Activity Financing (\$): 93,000.00

Outcome:

4.1. Information on financial, technology development and transfer and capacity-building support needed and received under Articles 9-11 of the Paris Agreement and other relevant information, including gender considerations and supplemental National Communication chapters (research and systemic observation; and education, training, and public awareness) compiled, updated, and reported.

Output:

4.1.1. Information updated on constraints and gaps, and financial, technology development and transfer and capacity-building support needed and received.

4.1.2. Information updated on research and systematic observation, education, capacity building, citizen training and public awareness with special consideration of gender issues.

4.1.3. Institutional arrangements relevant to the NC/BTR preparation as well as the mechanisms for the stakeholder's involvement and participation analyzed.

5. Preparation and submission of the First Biennial Transparency Report and the combined Fifth National Communication and Second Biennial Transparency Report to UNFCCC and knowledge management

GEF Enabling Activity Financing (\$): 76,000.00

Outcome:

5.1. The First BTR, the National Inventory Report for 1990-2022, the combined Fifth NC and Second BTR and the National Inventory Report for 1990-2024 are compiled, edited, approved and submitted to the UNFCCC; knowledge management activities conducted.

Output:

5.1.1. The First BTR and the National Inventory Report for 1990-2022 compiled, translated, approved and submitted to the UNFCCC Secretariat by December 2024.

5.1.2. The combined Fifth NC and Second BTR and National Inventory Report for 1990-2024 compiled, translated approved and submitted to the UNFCCC Secretariat by December 2026

5.1.3. Regular workshops organized to discuss progress, exchange ideas and present findings of the BTR1 and 5NC/BTR2 process with stakeholders.

6. Monitoring and Evaluation

GEF Enabling Activity Financing (\$): 2,500.00

Outcome:

6.1. Project regularly monitored, inception workshop organized, lessons learned compiled and disseminated.

Output:

6.1.1. Inception workshop organized, and Inception Report compiled.

6.1.2. Project annual financial and progress reports and Annual Status Surveys prepared.
End of Project report including lessons learnt compiled.

6.1.3.

M&E

GEF Enabling Activity Financing (\$):

Outcome:

Output:

Component Balances

Project Components	GEF Enabling Activity Financing (\$)
1.National Greenhouse Gas Inventory (GHGI)	410,000.00
2. Progress made in implementing and achieving Nationally Determined Contributions (NDCs)	254,500.00
3. Climate change impacts and adaptation	284,910.00
4. Support needed and received and other information	93,000.00
5. Preparation and submission of the First Biennial Transparency Report and the combined Fifth National Communication and Second Biennial Transparency Report to UNFCCC and knowledge management	76,000.00

6. Monitoring and Evaluation	2,500.00
M&E	
Subtotal	1,120,910.00
Project Management Cost	112,090.00
Total Enabling Activity Cost	1,233,000.00

Please provide justification

N/A

SECTION 2: ENABLING ACTIVITY SUPPORTING INFORMATION

C. Eligibility Criteria

Please provide eligibility information for this enabling activity.

Armenia ratified the United Nations Framework Convention on Climate Change (UNFCCC) in 1993, Kyoto Protocol in 2002 and the Doha Amendment and the Paris Agreement in 2017. As Party to the Convention, Armenia has the obligation to implement decisions of the Conference of the Parties (COP) regarding the implementation of policies and measures to adapt to, and mitigate climate change, thereby contributing to the attainment of the objective of the Convention.

So far, Armenia has prepared and submitted four [National Communications](#) (NCs): the First National Communication (NC1) in 1998; the Second National Communication (NC2) in 2011; the Third National Communication (NC3) in 2015 and the Fourth National Communication (NC4) in 2020 as mandated by Article 4 and 12 of the Convention.

The Country has also prepared and submitted three [Biennial Update Reports](#) (BURs): First Biennial Update Report (BUR1), with a stand alone [NIRs \(National Inventory Reports\)](#) in 2016; the Second Biennial Update Report (BUR2), with a stand alone [NIR](#) in Year 2018; and Third Biennial Update Report (BUR3), with a stand alone [NIR](#) in Year 2021;

The 4NC and 3BUR reports have supported the revision of Armenia's Intended Nationally Determined Contribution (INDC, 2015). The information of the GHG Inventory for the period of 1990-2017, and the information on on-going and planned mitigation measures and their impact assessed allowed to justify the emission reduction targets and the scope of the NDC revision. The Government adopted the [updated](#) NDC on 22nd of April 2021, with decision 610-L, and it was submitted to the UNFCCC in May 2021. In the updated NDC, an economy-wide unconditional mitigation target of 40 per cent reduction of GHG emissions for 2030 was set relative to the level in the 1990 base year. Projections for the sectors of Energy, Industrial Processes and Product Use (IPPU), Agriculture and Waste were done based on the latest GHG inventory submitted as part of the Third Biennial Update Report and Fourth National Communication.

The achievement of the NDC target is supported by already existing and upcoming national and sectoral strategies and specific development goals. These are:

Strategic Program for the Development of the Energy Sector of the Republic of Armenia (until 2040)

Energy Efficiency and Renewable Energy Programme 2021–2030 (under development)

Transport Strategy (under development)

Agriculture strategy (2020–2030)

Solid Waste Management System Development Strategy for 2017–2036

- National Forestry Programme (2021) (under development).

The main considerations taken into account by the government when updating the NDC were to maintain the growth of national economy, poverty reduction, environment protection, achievement of sustainable development goals, while increasing national energy security and ensuring affordable and clean energy supply. A public consultation process for the NDC update was carried out (2020-2021) in line with the government procedures, including the involvement of the local civil society, in a gender-responsive manner.

In its updated NDC, Armenia underlines the introduction of a national MRV system which shall reflect modalities, procedures and guidelines referred to by Article 13 of the Paris Agreement (Decision 18/CMA.1). Such process involves:

Biennial development of national GHG emissions inventory.

- Development and submission of NCs and BTRs (from 2024) to UNFCCC.
- Maintaining participatory process and a gender-responsive manner in the NDC review and public consultation mechanism during the preparation of next NDCs.
- Open and accessible information system ensured through strengthening cooperation between public service providers and civil society organizations.

Policy and Legislative Framework for Climate Change

National climate change policies and actions are coordinated by the Inter-agency Coordinating Council for Implementation of Requirements and Provision of the UNFCCC, which was established in 2012. Its role was reinforced in July 2021, when its status was revised and approved by the Prime Minister's Decree. The Council chaired by Deputy Prime Minister has the authority to coordinate reporting on climate change and ensure coherent policies for achievement of Armenia's commitments under UNFCCC and coordination of the NDC 2021–2030 as well as the implementation of Goal 13 (Take urgent action to combat climate change and its impacts) of the UN 2030 Agenda for Sustainable Development.

Furthermore, 3 new Inter-agency standing working groups (on Country Accountability under the Convention; Climate Change Mitigation and Adaptation; and Financing) were established and are mandated to facilitate the work of the Council and provide professional and expert support. The results produced by working groups are subject to approval by the Council.

The Government Programme for 2021-2026 set priorities of the actions for climate change as part of environmental policy including the adoption of best practices for adaptation, active participation in global actions for low carbon development and mitigation actions to allow appropriate implementation of countries international commitments. The Programme also prioritizes the development and implementation of a policy aimed at promoting the long-term goal for green economy and sustainable development.

The Comprehensive and Enhanced Partnership Agreement (CEPA) between the European Union (EU) and Armenia, which entered into force on the 1st of March 2021, provides a framework for the EU and Armenia to work together in a range of areas for the socio-economic recovery and long-term resilience in Armenia. The CEPA dictates a roadmap for collaboration to achieve a cleaner environment and specifically Article 52 of Chapter 4 of the CEPA states that cooperation shall promote measures regarding market and non-market mechanisms for addressing climate change. Article 53 states that the Parties shall, inter alia, implement joint activities at regional and international level, including with regards to the multilateral environmental agreements ratified, while Article 54 states that the cooperation shall cover measures to prepare for carbon trading. In addition, Article 54 of the CEPA also sets out the intention to work on measures related to ozone-depleting substances and fluorinated gases (F-gases), which are part of the scope of the Armenian NDC, which is why the MRV system must be able to track the impact of these measures, disaggregated by type of gases (ODS and F-gases).

27 cities in Armenia, including the capital city of Yerevan, have joined the Covenant of Mayors East (CoM East), undertaking commitments to reduce their CO₂ emissions by at least 20% by 2020. Out of 27 signatory cities, 10 have adopted Sustainable Energy (and Climate) Action Plans and pledged to reduce their greenhouse gas emissions by 30% and implement climate change adaptation measures by 2030.

In 2015, a Climate Change policy division and in June 2020, a separate department was established under the Ministry of Environment with the main functions of coordinating the UNFCCC implementation, including the development of national communications and biennial reports.

Baseline projects, programs, and initiatives:

Project name	Baseline information	Budget	Public link
<p>“Climate Promise Armenia - From Pledge to Impact”</p>	<p><u>Overall Goal:</u> Support the country turning its pledge into action toward net-zero, climate resilient and sustainable development pathways by contributing to climate change mitigation and the development towards a low-emissions and climate-resilient economy in line with the Paris Agreement in Armenia.</p> <p><u>Project Objective:</u></p> <ul style="list-style-type: none"> • Strengthen inclusive and gender-responsive governance and financing mechanisms to enable delivery and tracking of NDC targets across sectors at a scale and speed. • Establish long-term net-zero and climate resilient development pathways aligned with the goals of the Paris Agreement. • Systematically engage and empower key actors within society to contribute to 	<p>\$583,200</p> <p>(BMU support: \$540,000 , co-financing: BMZ \$43,200)</p>	<p>http://www.nature-ic.am/en/projects/Climate-Promise---From-Pledge-to-Impact/1043</p>

	<p>the acceleration of the NDC implementation and long-term net-zero and climate resilient development pathways.</p>		
<p>"Forest resilience of Armenia, enhancing adaptation and rural green growth via mitigation"</p> <p>GCF- FAO</p> <p>2020-2028</p>	<p><u>Overall Goal:</u> By 2030, contribute to achieving ecosystem neutral GHG emission with clear and monitorable adaptation co-benefits</p> <p><u>Project Objective:</u> By 2028, CO2 removals from the forest subsector are increased by at least 7% via sustainable climate adaptive forestry investments and fuelwood energy efficiency with effective involvement of communities.</p> <p>The project will be executed in Lori and Syunik marzes. The project areas have been</p>	<p>\$18.7 million</p> <p>(GCF support: \$10 million grant; co-financing: \$8.7 million)</p>	<p>https://www.greenclimate.fund/sites/default/files/document/sap014-fao-armenia.pdf</p>

	<p>selected by the stakeholders as priority areas due to the importance of forest ecosystem in both marzes, climate and climate change exposure and poverty level of rural population, population density, and type of forests.</p>		
<p>“Building Armenia’s transparency framework under Paris Agreement (CBIT Armenia)”</p> <p>GEF-UNDP 2020-2023</p>	<p><u>Overall Goal:</u> The goal of the project is to assist the country in mainstreaming and integration of climate change considerations into national and sectorial development policies by giving continuity to the institutional and technical capacity strengthening process, initiated and sustained by the UNFCCC reporting under the expanded transparency framework.</p> <p><u>Project Objective:</u> Building institutional and technical capacities to meet enhanced transparency requirements as defined in Article 13 of the Paris Agreement.</p>	<p>\$1.47 million</p> <p>(GEF support: \$990,000 grant; co-financing \$470,000)</p>	<p>https://www.cbitplatform.org/sites/default/files/projects/documents/ceo-endorsement-armenia.pdf</p>

<p>“EU4Climate”</p> <p>European Union</p> <p>Regional project</p> <p>(2018-2022)</p>	<p><u>Overall Goal:</u> Take action against climate change and towards a low emission and climate-resilient economy in six EU Eastern Partnership countries.</p> <p><u>Project objective (in Armenia):</u> Identify a realistic NDC implementation strategy for the limitation of GHG emissions and prioritization of adaptation measures for coping with risks to the country’s sustainable development.</p>		<p>https://eu4climate.eu</p>
<p>“SEFF Co-financing Programme”</p> <p>GCF-EBRD</p> <p>Regional project</p> <p>2018-2033</p>	<p><u>Overall Goal:</u> Deliver climate finance to the private sector at scale.</p> <p>-</p> <p><u>Project objective (in Armenia):</u> Provide support for the Green Economy Financing Facility (GEFF) policy to amend the regulatory and legislative framework for small-scale renewables in the commercial Sector in Armenia.</p>	<p>Assistance to Armenia:</p> <p>\$74.7 million</p> <p>(GCF support: \$20.4 million</p> <p>grant-soft loan,</p> <p>co-financing: \$54.3 million)</p>	<p>https://www.greenclimate.fund/sites/default/files/document/funding-proposal-fp025-ebd-armeria-egypt-georgia-jordan-republic-moldova-mongolia-morocco-serbia.pdf</p>
<p>“Green Cities Facility”</p>	<p><u>Overall Goal:</u> Build a better and more sustainable future for cities</p>	<p>Assistance to Armenia:</p>	<p>https://www.greenclimate.fund/sites/default/files/document/funding-proposal-fp086-ebd-multiple-countries.pdf</p>

GCF-EBRD	and their residents.	\$60.7 million	https://www.ebrdgreencities.com/our-cities/yerevan/
Regional project	-		
2019-2034	<p><u>Project objective (in Armenia):</u> Implement the Yerevan Green City Action Plan (GCAP), which was approved in September 2017.</p>	<p>(GCF support: \$20.4 million grant-soft loan, co-financing: \$40.3 loan)</p>	https://www.ebrdgreencities.com/our-cities/gyumri/
	<p>In August 2021, the Bank signed the Yerevan GCAP first follow-on investment, ENA Investment Program, a \$70 million loan to JSC Electric Networks of Armenia (ENA) for the modernisation of the distribution network and further installation of smart household meters across Armenia with a focus on the regions as well as at the country's two largest cities, Yerevan and Gyumri. The second follow-on project is the Yerevan Bus Project, an EUR 20 million sovereign loan to Armenia for the benefit of the Yerevan Bus Company to acquire 100 modern, 12-</p>		

	<p>metre, low-floor compressed natural gas (CNG) buses. An EUR 4 million GCAP for the city of Gyumri was signed in June 2019. Investments included the rehabilitation of primary and secondary streets, as well as the modernisation of public lighting in the city.</p>		
<p>“High Impact Programme for the Corporate Sector”</p> <p>EBRD-GCF</p> <p>2021-2025</p>	<p><u>Overall Goal:</u> This climate finance programme is designed to scale back greenhouse gases from industries in Armenia, Jordan, Kazakhstan, Morocco, Serbia, Tunisia and Uzbekistan.</p> <p><u>Project objective (in Armenia):</u> Provide loans to companies to invest in technologies with mitigation benefits.</p> <p>-</p> <p>EBRD has started engaging with local companies to market the program in Armenia and</p>	N/A	<p>https://www.greenclimate.fund/sites/default/files/document/funding-proposal-fp140.pdf</p>

	currently working on compiling the long list of potential projects.		
<p>“De-Risking and Scaling-up Investment in Energy Efficient Building Retrofits”</p> <p>UNDP-GCF</p> <p>2017-2023</p>	<p>Overall Goal: Systematically de-carbonize the existing building stock in Armenia and reduce greenhouse gas emissions while achieving sustainable development benefits.</p> <p>Project objective: Creating a favorable market environment and a scalable business model for investment in energy efficiency retrofits in public and private buildings by addressing market barriers.</p> <p>The emissions reduction target set is 5.1-5.4 million tCO₂ over the 20- year lifetime of the investments.</p>	<p>\$20.4 million</p> <p>(GCF-grant – \$20 million; UNDP \$0.4 million)</p>	<p>https://www.nature-ic.am/en/projects/De-risking-and-Scaling-up-Investment-in-Energy-Efficient-Building-Retrofits/18</p>

<p>“Adaptation Planning support for Armenia through”</p> <p>UNDP-GCF (readiness project)</p> <p>2018-2022</p>	<p><u>Overall goal:</u> Enhance country readiness for climate financing for adaptation planning and measures.</p> <p><u>Project objective:</u> Support Armenia in developing its national climate change adaptation plan while strengthening foundational capacities for long-term sustainability.</p>	<p>\$2.99 million GCF grant</p>	<p>https://www.greenclimate.fund/document/adaptation-planning-support-armenia-through-undp</p>
<p>“Scaling up Green Finance practices in the Republic of Armenia”</p> <p>GCF- “ARMSWISSBANK” CJSC</p> <p>2020-2022</p>	<p><u>Overall goal:</u> Enhance country readiness for climate financing for mitigation policies and measures.</p> <p><u>Project objective:</u> To design a Green Finance Roadmap that will serve as a key political document outlining the current state of and existing impediments to green finance development. The roadmap will establish a comprehensive vision for green finance strategy that will contribute to the implementation of Armenia’s NDCs and Paris Agreement.</p>	<p>\$0.66 million (GCF grant support)</p>	<p>https://www.greenclimate.fund/sites/default/files/document/readiness-proposals-armenia-armswissbank-strategic-frameworks_0.pdf</p>

<p>“Readiness Assistance Program for Assessing Accreditation Gaps and Capacity Building for R2E2”</p> <p>GCF - Armenia Renewable Resources and Energy Efficiency Fund</p> <p>2021-2023</p>	<p><u>Overall goal:</u> Enhance country readiness for climate financing for GHG mitigation through renewable energy and energy efficiency.</p> <p><u>Project objective:</u> Undertake a comprehensive assessment of Fiduciary Standards of R2E2 for potential accreditation with the GCF, elaborate guidelines and methodologies, and undertake capacity building and pipeline development.</p>	<p>\$0.25 million (GCF grant support)</p>	<p>https://www.greenclimate.fund/sites/default/files/document/armenia-r2e2.pdf</p>
<p>“Technical Advisory Support to Armenia on Enabling the Uptake of Electric Vehicle (EV) Mobility”</p> <p>GCF-PWC</p> <p>2021-2023</p>	<p><u>Overall goal:</u> Reduce greenhouse gas emissions in the transport sector through the increased use of electric vehicles.</p> <p><u>Project objective:</u> Overcome barriers preventing greater uptake of EVs, and to enable potential investments by MDBs and local banks to support financing for the replacement of conventional fuel vehicles to EVs.</p>	<p>Around \$0.5 million (GCF grant support)</p>	<p>https://www.greenclimate.fund/sites/default/files/procurement/rfp-2021-012/rfp-2021-012.pdf</p>

<p>“Strengthening the capacity of Direct Access Entities through the Community of Practice for Direct Access Entities (CPDAE) to access climate finance and implement adaptation and mitigation programs and projects”</p> <p>GCF-GIZ</p> <p>2021-2024 (Regional)</p>	<p><u>Overall goal:</u> Strengthen country capacities to access climate finance through participation in the Community of Practice for Direct Access Entities (CPDAE), which includes Argentina, Armenia, Belize, Benin, Bhutan, Colombia, Costa Rica, Georgia, Mexico, Micronesia F.S., Niger, Panama, Peru, Senegal, Togo.</p> <p><u>Project objective (in Armenia):</u> Support capacity to access climate finance and increase the understanding of complementarity and coherence between the Adaptation Fund (AF) and the Green Climate Fund (GCF) through participation in the CPDAE.</p>	<p>Armenia share - \$0.1 million</p> <p>(GCF grant support)</p>	<p>https://www.greenclimate.fund/sites/default/files/document/pipeline-development-and-capacity-building-multilateral-giz.pdf</p>
<p>“Strengthening land-based adaptation capacity in communities adjacent to protected areas in Armenia”</p> <p>GCF-EPIU</p> <p>2019-2023</p>	<p><u>Overall goal:</u> Strengthen land-based adaptation capacity.</p> <p><u>Project objective:</u> Reduce the climate risk vulnerability of local communities</p>	<p>Grant Amount: USD 2,506,000</p>	<p>https://www.adaptation-fund.org/project/strengthening-land-based-adaptation-capacity-communities-adjacent-protected-areas-armenia-3/</p>

	living adjacent to the Khosrov Forest and Dilijan National Parks by strengthening the adaptive capacity of the agricultural sector and reinforcing their institutional and planning capacity for climate change adaptation.		
<p>“Artik city closed stonepit wastes and flood management pilot project”</p> <p>Adaptation Fund/EPIU</p> <p>2019-2023</p>	<p><u>Overall goal:</u> Improve the resilience of the city of Artik.</p> <p><u>Project objective:</u> Reduce the vulnerability and improve the adaptive capacity of Artik, a city that is highly exposed to hydro-meteorological threats, which are increasing in frequency and intensity as a result of climate change</p>	<p>Grant Amount: USD 1,435,100</p>	<p>https://www.adaptation-fund.org/project/artik-city-closed-stone-pit-waste-flood-management/</p>
<p>“Engaging Future Leaders: Digital Education Module on Adaptation Challenges and Best Practices for Youth”</p> <p>Adaptation Fund/EPIU</p> <p>2020-2023</p>	<p><u>Overall goal:</u> Educate new generations of environmentally cultured young change-makers (with a particular focus on climate adaptation) in developing countries.</p> <p><u>Project objective:</u> Design and</p>	<p>Grant Amount: USD 231,250</p>	<p>https://www.adaptation-fund.org/project/engaging-future-leaders-digital-education-module-on-adaptation-challenges-and-best-practices-for-youth/</p>

	introduce replicable and sustainable digital education solutions for high school students in Armenia.		
<p>“Transition Towards Electric Mobility in Armenia”</p> <p>GEF-UNEP</p> <p>2021-2024</p>	<p><u>Overall goal:</u> Reduce transport sector GHG emissions in Armenia.</p> <p><u>Project Objective:</u> Promote a transition to e-mobility through the development of a national e-mobility strategy, e-mobility demonstrations, and policy and regulatory measures, including procurement guidelines for vehicle fleets.</p>	<p>Grant Amount:</p> <p>USD 592,202</p>	<p>https://www.thegef.org/projects-operations/projects/10280</p>
<p>Technology Needs Assessment Phase II.</p> <p>GEF-UNEP</p> <p>2014-2018</p>	<p><u>Overall goal:</u> Providing targeted financial and technical support to carry out Technology Needs Assessments (TNAs) and develop national Technology Action Plans (TAPs) for prioritized technologies that reduce GHG emissions, support adaptation to climate, and are consistent with national sustainable</p>	<p>Grant Amount:</p> <p>Around USD 245,000 per country</p>	<p>http://nature-ic.am/en/publication/Technology-Needs-Assessment-for-Climate-Change-Mitigation/10574</p>

	<p>development goals.</p> <p>Project Objective: Low carbon and clean energy sources and technology alternatives are increasingly adopted, inefficient technologies are phased out and economic growth, pollution and greenhouse gas emissions are decoupled by countries based on technical and economic assessments, cooperation, policy advice, legislative support and catalytic financing mechanisms.</p>		
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This project will build on findings and recommendations from previous NC and BUR work, which is described in the text below, as well as recommendations resulting from the ICA (International Consultation and Analysis) process for BURs, the UNFCCC QA (Quality Assurance) exercise on the GHG inventory, and the review conducted on the latter under the UNDP-UNEP Global Support Programme for National Communications (NCs) and Biennial Update Reports (BURs). Furthermore, the project will consider the findings of the Technology Needs Assessment and Technology Action Plan developed for Armenia under Phase II of the Global TNA Project funded by the GEF.

The technical analysis of the BUR3 of Armenia noted improvements in reporting compared to the BUR2, demonstrating that recommendations in the areas for enhancing the transparency of the extent of information provided in the technical analysis of Armenia's BUR2 were taken into account. Improvements to GHG Inventory for the period of 1990-2017 were also the result of the treatment of the recommendations of the "Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories" workshop organized by the UNFCCC Secretariat in the collaboration with the FAO in 2019 in Yerevan, as well as the review of the draft National Greenhouse Gas Inventory Report by an external expert coordinated by the UNDP-UNEP Global Support Programme for NCs and

BURs. Additional support was provided by the UNFCCC Secretariat to implement the recommendations from the workshop to develop a National Inventory Improvement Plan.

Within the framework of the 2017 NIR, the following improvements were made to the GHG inventory according to Transparency, Accuracy, Consistency, Completeness, and Comparability (TACCC) principles:

- Emissions of the sulfur hexafluoride (SF₆) have been estimated for the first time.
- GHG emissions of 6 new sub-categories were included (2A2-Lime Production; 2D1 Lubricant use; 2D2 -Paraffin Wax Use; 3Aij and 3A2j Other cattle (Rabbits and furry animals); 3C1b Biomass burning).
- Higher tier for 5 sub-categories was introduced (Enteric Fermentation and Manure Management from the Buffalo and Sheep sub-categories as well as emissions from Copper Production were assessed applying Tier 2 methodology).
- Key Category Analysis was done both by Level and Trend assessment.
- Uncertainties have been assessed for all sub-categories of emissions and removals.
- Time series for years between 1990 and 2017 were recalculated to ensure their consistency considering the latest changes in terms of the improved methodologies and completeness and accuracy of activity data.

However, the importance of promoting improved accountability and transparency to meet reporting requirements under enhanced transparency framework (ETF) of the Paris Agreement remains relevant for Armenia. The Technical Analysis Summary Report (TASR) of the BUR3 identified the following *capacity-building needs and areas for improvement* to facilitate improved reporting and transparency over time and the transition to ETF:

(a) Setting up and maintaining a regulatory framework with data providers, including cooperation agreements with relevant ministries, agencies and private sector organizations, to ensure regular supply of data in the required format for the national GHG inventory;

(b) Learning about international practices for data collection for the refrigeration and air conditioning category and developing a country-specific data-collection methodology in the light of international practices and Armenia's circumstances;

(c) Collaborating with the Statistical Committee to ensure that natural gas consumption data for the industry sector are consistent with the data provided by the Public Services Regulatory Commission on natural gas balances;

(d) Conducting a survey or study on energy consumption in the industry, road transport, residential and commercial sectors;

(e) Providing national laboratories with equipment for analysing the composition of liquid fuels available on the national market, given data on liquid fuel composition are needed for higher-tier estimation approaches;

(f) Developing a methodology, survey instruments and case studies with a view to evaluating historical and recent data on percentages (fractions) of nitrogen losses due to run-off and leaching during solid and liquid storage of manure and nitrogen that volatilizes as ammonia and nitrogen oxides;

(g) Developing survey instruments and questionnaires to collect recent data on manure management system allocation and conducting studies and surveys with a view to evaluating historical data thereon;

(h) Developing frameworks and questionnaires for conducting case studies and surveys to collect detailed AD and develop country-specific EFs in order to estimate direct and indirect N₂O emissions from managed soils;

(i) Making arrangements to conduct a national forest inventory on a continuous basis;

(j) Developing a statistical framework for collecting AD on production and trade of various wood commodities and enhancing expertise on modelling emissions and removals associated with HWP;

- (k) Setting up a soil monitoring system for collecting data on soil organic carbon stock in order to evaluate how different agricultural practices affect the carbon stocks of cropland and grassland mineral soils and to study carbon emission and removal flows associated with cropland and grassland land-use categories;
- (l) Estimating waste generation data at the national level in order to replace default figures that may not adequately reflect the situation in Armenia;
- (m) Assessing and quantifying emission reductions resulting from energy efficiency policy actions and the potential overlap of such actions with other measures;
- (n) Estimating the impacts of mitigation actions in the AFOLU sector, including by using relevant software for estimating the impacts of agriculture sector mitigation actions and estimating EFs and emission reductions for the mitigation actions in the forestry and other land use subsector;
- (o) Using LEAP or other suitable software for projections for non-energy sectors;
- (p) Estimating the co-benefits of mitigation actions;
- (q) Using the guidelines on financial instruments under Article 6 of the Paris Agreement;
- (r) Enhancing MRV of mitigation actions by building national capacity to estimate and report on energy savings in the transport sector;
- (s) Enhancing institutional arrangements under the domestic MRV system to allow for better coordination and smoother data- and information-sharing, especially with the private sector;
- (t) Organizing workshops and consultancy – in addition to the existing GEF– Capacity-building Initiative for Transparency project – to further support the development and implementation of MRV of mitigation actions so as to enable compliance with requirements under the ETF and assist in tracking progress towards the NDC;
- (u) Identifying technology needs related to establishing the MRV system;
- (v) Strengthening technical capacity to prepare and submit requests for GEF funding for biennial reporting in accordance with the frequency required by the UNFCCC reporting guidelines on BURs.

These improvements are ongoing, and Armenia has taken note of areas for future improvement and has already taken steps to address them.

Establishing and maintaining a regulatory framework for data provision to ensure a regular supply of data in the format required for the national GHG inventory is a priority for Armenia, and work in this area has already started within the framework of the Capacity Building Initiative for Transparency (CBIT) project. Steps have also been taken in other areas for improvements identified in the TASR. In particular, the CBIT project is developing survey instruments and questionnaires to collect recent data on manure management systems as well as to collect detailed activity data and develop country-specific emission factors to estimate direct and indirect N₂O emissions from managed soils to improve the accuracy of the GHGI in the Agriculture sector. The results from these surveys will be incorporated into the national inventory under the BTR1 and NC5/BTR2 project.

D. Institutional Framework

Describe the institutional arrangements for implementation of the enabling activity.

The project will be implemented under the UNDP Country Office Support to National Implementation (NIM) modality with the Hydrometeorology and Monitoring Center SNCO of the Ministry of Environment of the Republic of Armenia (HMC) as the Executing Entity.

The Executing Entity is responsible for executing this project. Specific tasks include:

- Project planning, coordination, management, monitoring, evaluation and reporting. This includes providing all required information and data necessary for timely, comprehensive and evidence-based project reporting, including results and financial data, as necessary. The Executing Entity will strive to ensure project-level M&E is

undertaken by national institutes and is aligned with national systems so that the data used and generated by the project supports national systems.

- Overseeing the management of project risks as included in this project document and new risks that may emerge during project implementation.
- Procurement of goods and services, including human resources.
- Financial management, including overseeing financial expenditures against project budgets.
- Approving and signing the multiyear workplan.
- Approving and signing the combined delivery report at the end of the year; and,
- Signing the financial report or the funding authorization and certificate of expenditures.

The Project Implementation Unit; i.e., the Hydrometeorology and Monitoring Center SNCO of the Ministry of Environment, will be the executing and operational unit that will coordinate and implement the project activities for the preparation of the BTR1 and NC5/ BTR2.

The preparation processes of the combined BTR1 and BTR2/NC5 report will be closely coordinated by the UNFCCC National Focal Point, as Project Director. Day-to-day management of the project will be assured by the Project Manager, who will be responsible for setting up the project team, while the National Focal Point will monitor and verify the project results.

The GEF Operational Focal Point of Armenia has requested UNDP to provide limited execution services for the project to mitigate the risks related to the capacity constraints of the HMC in project and financial management and to ensure the timely preparation and submission of the BTR1 to UNFCCC by 31 December 2024 and the NC5/BTR2 by 31 December 2026. The request has been discussed with and agreed by the GEF Secretariat. The services will follow UNDP policies on cost recovery of direct costs and will be charged to the project's budget under Project Management Costs. **In line with the execution support letter signed by the GEF Operational Focal Point of Armenia and the project budget, the cost of the limited execution services to be provided by UNDP for the project is 8,415.28 USD.**

The Project Steering Committee (PSC), also called the Project Board, will be the highest policy-level body, which will provide support and guidance to the implementation of the project and ensure that the project findings are disseminated to, and validated by, all relevant stakeholders in Armenia. To ensure UNDP's ultimate accountability, PSC decisions should be made in accordance with standards that shall ensure management for development results, best value money, fairness, integrity, transparency, and effective international competition.

The two main (mandatory) roles of the PSC are as follows:

1) High-level oversight of the execution of the project by the Executing Entity (as explained in the "Provide Oversight" section of the UNDP POPP). This is the primary function of the project board and includes annual (and as-needed) assessments of any major risks to the project, and decisions/agreements on any management actions or remedial measures to address them effectively. The PSC reviews evidence of project performance based on monitoring, evaluation and reporting, including progress reports, evaluations, risk logs and the combined delivery report. The PSC is responsible for taking corrective action as needed to ensure the project achieves the desired results.

2) Approval of strategic project execution decisions of the Executing Entity with a view to assess and manage risks, monitor and ensure the overall achievement of projected results and impacts and ensure long term sustainability of project execution decisions of the Executing Entity (as explained in the "Manage Change" section of the UNDP POPP).

Responsibilities of the Project Steering Committee:

Consensus decision making:

- The PSC provides overall guidance and direction to the project, ensuring it remains within any specified constraints, and providing overall oversight of the project implementation.
- Review project performance based on monitoring, evaluation and reporting, including progress reports, risk logs and the combined delivery report.
- The project board is responsible for making management decisions by consensus.
- In order to ensure UNDP's ultimate accountability, the PSC decisions should be made in accordance with standards that shall ensure management for development results, best value money, fairness, integrity, transparency and effective international competition.
- In case consensus cannot be reached within the PSC, the UNDP representative on the PSC will mediate to find consensus and, if this cannot be found, will take the final decision to ensure project implementation is not unduly delayed.

Oversee project execution:

- Agree on project manager's tolerances as required, within the parameters outlined in the project document, and provide direction and advice for exceptional situations when the project manager's tolerances are exceeded.
- Appraise annual work plans prepared by the Executing Entity for the Project; review combined delivery reports prior to certification by the Executing Entity.
- Address any high-level project issues as raised by the project manager and project assurance.
- Advise on major and minor amendments to the project within the parameters set by UNDP and the donor and refer such proposed major and minor amendments to the UNDP BPPS Nature, Climate and Energy Executive Coordinator (and the GEF, as required by GEF policies).
- Provide high-level direction and recommendations to the project management unit to ensure that the agreed deliverables are produced satisfactorily and according to plans.
- Track and monitor co-financed activities and realization of co-financing amounts of this project.
- Approve the Inception Report, and if applicable, GEF annual project implementation reports, mid-term review and terminal evaluation reports.
- Ensure commitment of human resources to support project implementation, arbitrating any issues within the project.

Risk Management:

- Provide guidance on evolving or materialized project risks and agree on possible mitigation and management actions to address specific risks.
- Review and update the project risk register and associated management plans based on the information prepared by the Executing Entity. This includes risks related that can be directly managed by this project, as well as contextual risks that may affect project delivery or continued UNDP compliance and reputation but are outside of the control of the project. For example, social and environmental risks associated with co-financed activities or activities taking place in the project's area of influence that have implications for the project.
- Address project-level grievances.

Coordination:

- Ensure coordination between various donor and government-funded projects and programs.
- Ensure coordination with various government agencies and their participation in project activities.

UNDP is accountable to the GEF for the implementation of this project. This includes overseeing project execution undertaken by the Executing Entity to ensure that the project is being carried out in accordance with UNDP and GEF policies and procedures and the standards and provisions outlined in the Delegation of Authority (DOA) letter for this project. The UNDP Executive Coordinator and Director - Environmental Finance, Bureau for Policy and Programme Support (BPPS)/Global Policy Network in consultation with UNDP Bureaus and the Executing Entity, retains the right to revoke the project DOA, suspend or cancel this GEF project. UNDP is responsible for the Project Assurance function in the project governance structure and presents to the PSC and attends PSC meetings as a non-voting member.

A strict firewall will be maintained between the delivery of project oversight and quality assurance performed by UNDP and project execution undertaken by UNDP. UNDP's implementation oversight role in the project – represented in the project board and via the project assurance function – is performed by the UNDP Resident Representative and the Programme Officer for Climate, Environment and Resilience portfolio at the UNDP Country Office in Armenia (CO). UNDP's execution support role in the project will be ensured by the relevant staff of the Finance, Procurement, and HR Units of the CO, who will report to the CO's Operations Specialist.

The following thematic working groups will be formed to assist with the preparation of various components of the NC and BTR: (i) National Greenhouse Gas Inventory, (ii) Tracking the progress of NDC implementation and achievement, (iii) Climate Change Impacts and Adaptation, (iv) Support needed and received and other information. Each thematic working group will comprise of a number of experts drawn from relevant public and private sector organizations, communities, and NGOs.

Summary of Proposed Project Activities

Component 1: National GHG Inventory

In the BUR3, Armenia has estimated GHG emissions and removals covering the 1990–2017 inventories by using a combination of Tier 1, 2 and 3 methodologies from the 2006 IPCC Guidelines, including country-specific methodologies developed by national experts. The revised 1996 IPCC Guidelines were used only to estimate CH₄ emissions from domestic and commercial wastewater.

In the BTR1 and NC5/BTR2, Armenia will provide updated information on the GHG inventory for the period of 1990 - 2022; and for the period of 1990-2024 for the following sectors: energy, industrial processes and product use, agriculture, LULUCF and waste, according to the 2006 IPCC Guidelines and, to the extent possible, its 2019 Refinement.

A consistent time series will be presented dating back to the years reported in the previous NCs/BURs, as well as with the summary information tables for the years of previous GHG inventories.

Information on the national system for the GHG inventory, including procedures and arrangements for activity data collection, processing, storage will be reviewed and reported, as will arrangements for the continued estimation, compilation and reporting of the national inventory report. Reports will also describe the role of institutions involved in the preparation of the GHG inventory.

The project will continue to support efforts to put in place the regulatory framework to ensure the routine supply of data for the GHG inventory. The GHG inventory Quality Management System will be strengthened, including improvements based on lessons learned.

The project will continue to use a combination of Tier 1, 2, and 3 methodologies in the GHG inventory. Several improvements will be included in the inventory, such as 1) the use of country-specific EFs for direct and indirect N₂O

emissions from managed soils, which are a priority because they are related to key categories and there is a need to reduce the level of uncertainty associated with them; and 2) the inclusion of not-estimated categories in the Agriculture and Waste sectors.

Within the framework of this project, the following activities will also be carried out to ensure continuity of the previous work and to address the needs identified in the national GHG inventory:

- Creation of capacities for reporting GHG inventory results in the common reporting format (CRF) and the 2019 Refinement of the 2006 IPCC Guidelines.
 - Support the process of implementing the regular provision of data for sustainable development of the national GHG inventory.
 - Support the implementation and update of the national inventory improvement plan developed based on the recommendations from the "Quality Assurance of the National Greenhouse Gas Inventory Management System" workshop organized by the UNFCCC Secretariat and Technical Analysis of the Third Biennial Update Report of Armenia, 2022.

The project will collect and assess existing statistics relevant to gender and GHG emissions, identify statistical gaps and provide recommendations for improvement of statistics.

The common reporting tables presented in Annex I to decision 5/CMA.3 will be used for the electronic reporting of the information in the national inventory reports of anthropogenic emissions by sources and removals by sinks of greenhouse gases and follow the outline of the national inventory document presented in Annex V of Decision 5/CMA.3.

Component 2: Progress made in implementing and achieving the NDC

This component will provide the information on programs and measures implemented or planned which contribute to mitigating climate change by addressing anthropogenic emissions by sources and removals by sinks of all GHGs in line with NDC targets. Furthermore, under this component information will be compiled on the institutional arrangements relevant to the progress made in implementing and achieving an NDC, including gender aspects, as well as information by key sectors on methodologies, indicators, scenarios, results, and measures.

In addition to the TASR recommendations listed in Section II.C of this document, the BUR3 project identified needs related to the improvement of mitigation assessment as follows: (i) establishing formal arrangements ensuring collection, analysis and quality assurance of data on mitigation measures implemented in the country and their effect on a continuous basis to avoid the risk of overlooking mitigation actions or of double counting reductions, especially in the Energy Sector; (ii) applying a common approach in assessing the impact of mitigation actions; and (iii) enhancing knowledge/experience regarding non-energy sector projections.

The GHG mitigation actions of the revised NDC focus on the following sectors: electricity production through renewable energy (solar, wind and hydropower), energy efficiency in key sectors (transport, industry, building, public lighting), agriculture, forestry and waste management. The mitigation actions data already presented in the revised NDC, NC4 and BUR3 will be updated to refine the calculation of their reduction potential. Information on the progress of implementation of these mitigation actions will be also provided, by underlying key steps taken or envisaged, and the outcomes of estimated emission reductions. New GHG reduction opportunities will be identified to evaluate their potential, and a final report encompassing all the above will be produced. The macroeconomic analysis of co-benefits of the proposed measures will also be developed.

The project will also assess sectoral development strategies and the recommended mitigation measures provided by government departments and major economic operators in order to develop reference and mitigation scenarios. Projections developed by the project will be in line with MPGs and will include "with measures" and "with additional measures" projections as specified by the Common Tabular Format Tables 7 and 8 under Annex II of Decision CMA 3. Appropriate software will be used, such as LEAP for the energy sector, and other models will be utilized as needed for other sectors. Moreover, the project will support the reporting of national mitigation actions and their status of progress through the MRV platform.

The role of women and men in the development and implementation of mitigation policies and measures will be assessed and included in the reports and recommendations will be produced to ensure gender mainstreaming in planning and implementation of climate change mitigation policies and measures.

The GEF-funded CBIT project will address the institutional and regulatory aspects of Armenia's MRV system. The MRV systems and platform proposed under CBIT project will be operationalized and improved to take into account technical and regulatory constraints. The estimated costs of implementing the MRV system will be reassessed in order to integrate it into financing needs. MRV-related capacity building sessions will be organized under this project to enable compliance with the reporting requirements, to ensure consistency, transparency, accuracy, completeness, and submission of timely information. It is important that all institutions including local municipalities developing actions with a potential to reduce GHG emissions collect the adequate information to allow a correct follow-up, including mitigation actions in non-energy sectors. The project will strengthen their capacities in monitoring and reporting on mitigation measures implemented at local level.

The information and results from CBIT project Component 3 (“Outcome 3.3: Armenia is able to track progress against its National Determined Contribution (NDC) and share its approaches”) will support the preparation of the NDC tracking chapter of the BTR1 and NC5/BTR2, particularly under Indicator 11, which has the result “By the end of the project, Armenia will release a status report on its progress towards the NDCs.” Close oversight and coordination will avoid eventual overlap between projects.

The project will use the common tabular formats presented in Annex II to decision 5/CMA.3 for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement.

Component 3: Climate change impacts and adaptation

In the NC4, climate projections were performed based on two IPCC scenarios (RCP 6.0 and RCP 8.5) and two meteorological models (CCSM and METRAS) to predict changes in temperatures and precipitations. Information on climate change impacts on key vulnerable sectors were provided, including water resources, agriculture, natural ecosystems and biodiversity, settlements and infrastructure, human health and tourism. Key adaptation measures and programs in these key sectors were described in the report.

The main gaps and capacity building needs identified in the course of NC4 in relation to vulnerability and adaptation assessments are: (i) insufficient input data for appropriate vulnerability assessment for all vulnerable sectors; (ii) lack of systemic research and assessment of the climate change impacts; (iii) lack of skills and experience in application of the vulnerability assessment methodologies and models; (iv) lack of systematically collected data on economic losses for application of long-term impact assessment of climate change on vulnerable sectors and ecosystems; and (v) weak professional knowledge and institutional system for adequate implementation of proactive adaptation measures.

The project will address the above skills and capacity gaps through targeted training and knowledge sharing, leveraging the Inter-Agency Coordinating Council Working Group on Impacts and Adaptation to disseminate good practice and to collect information. On research and data gaps, the project will coordinate closely with and utilize the results of the CBIT project, which is undertaking the identification of data providers for adaptation (Output 1.1.1), designing an MRV tracking tool for adaptation data collection (Output 2.1.1), and the identification and application of methodologies for assessing and prioritizing adaptation actions and policies (Output 3.2.2).

Under this project component, an update of the institutional arrangements to advance the implementation of national and international commitments on adaptation, particularly the implementation of activities planned under the National Adaptation Program and List of Measures for 2021-2025 and NDC, will be undertaken.

The vulnerability assessment will include progress in the identification of national and sub-national impacts and their analysis based on latest climate models and scenarios. The update will include information on important aspects such as advances in the characterization of vulnerability in water, food, strategic infrastructure and biodiversity security. This section will provide a frame of reference for the planning, attention and prioritization of actions and consideration of risks in national and regional strategies.

In the NC4, Armenia presented an integrated and multidimensional evaluation of the impacts, vulnerability and adaptation actions, programs and strategies implemented until 2016, in addition to the report of pilot adaptation projects.

The BTR1 and NC5/ BTR2 of Armenia will update this information and report on the measures adopted or planned to facilitate adequate adaptation to climate change and their progress including on incorporating gender perspectives during their design and implementation in the context of the National Adaptation Program and List of Measures for 2021-2025 approved by the N 749-L Government Decree, from 13 May 2021.

In addition to a description at the national level, an integration of actions at the sub-national level will be presented highlighting the local efforts that have been implemented in terms of adaptation, as well as the lessons learned, and the good practices derived from these actions. In particular, progress made on strengthening the climate observation system and the early warning systems, as well as measures that reduce the social and environmental vulnerability of communities at risk from climate change will be reported.

Additionally, the project will report progress on the monitoring and evaluation of adaptation measures' impacts in 5 key vulnerable sectors (water, agriculture, energy, health, tourism) as part of the domestic MRV system, based on the systems and approaches used and indicators that give an account of the progress in this matter. This will allow for an adaptation monitoring stock take and contribute to the international discussion about how to evaluate adaptation.

As an integral part of the project, the information on gender-responsive adaptation will be updated, starting from the identification of the differentiated vulnerability between women and men to climate change and analyzing gender roles in adaptation with recommendations for enhancing gender mainstreaming in adaptation planning, decision-making and implementation.

The reports will also include an update of the economic analysis of the adaptation measures and projects, as well as the opportunity costs incurred by inaction, for the construction of a strategic financing scheme that responds to vulnerability to climate change and to the national circumstances of Armenia.

The climate change impacts, and adaptation chapter will follow guidance on the BTR outline presented in Annex IV of Decision 5/CMA.3 and MPG requirements as per section IV of Decision 18/CMA.1. Furthermore, to compile with Article 7 of the PA, Armenia will submit its Adaptation Communication as a component of the BTR1 and NC5/BTR2, thus provisions of Decision 9/CMA.1 will also be applied during the compilation and finalization of these reports.

Component 3 will be implemented in a transparent collaborative manner, utilizing mechanisms for consultation and feedback between the national government and local administrations, experts, academia, productive sectors, and civil society organizations. The trainings and workshops organized will contribute to national capacity building for vulnerability assessment and appropriate planning of adaptation measures.

Component 4: Support needed and received and other information

This component covers reporting on support needed and received as part of BTR reporting as well as supplemental information under NC requirements needed for combined BTR/NC reporting. The final reports will include information on support needed and received by using the common tabular formats presented in Annex III to the Decision 5/CMA.3 for the electronic reporting of the information on financial, technology development and transfer and capacity-building support needed and received, under Articles 9–11 of the Paris Agreement. Other relevant information, including supplemental chapters on research and systemic observation, education, training and public awareness, will be prepared and included in the NC5/BTR2 in accordance with applicable guidelines in decisions 17/CP.8, as appropriate (para. 43).

Information will be provided about the current policy instruments, their modifications and the climate measures and strategies that have been initiated since the NC4 and BUR3. Indicators of progress in the objectives of the national climate change policy at the national and subnational levels will be included in the reports to reinforce the system of indicators for evaluation of the national climate agenda. The project will undertake a detailed analysis of the implementation of climate change policy in Armenia, including progress in the incorporation of climate change into sectoral policies and programs and its link with the 2030 Sustainable Development Goals.

The evolution of various sources of international, public and private climate financing in Armenia will be analyzed, including public financing and taxes related to climate change. The project will also assess the incorporation of risks arising from climate change into the insurance market and the country's macroeconomic policies.

The institutional arrangements developed for the NC4 and the BUR3 will be reviewed and strengthened in light of the deficiencies found in areas such as activity data collection, system for tracking support received, including necessary surveys for identification of gaps and needs, and existing arrangements will be updated with new stakeholders as necessary. The functions of the various institutions will be reviewed to improve their participation and co-responsibility in the preparation and quality of the information they send to the body that coordinates the preparation and integration of NCs and BTRs.

Component 4 will also advance knowledge management related to gender and climate change by systematizing existing literature, and proposals will be identified to address the limitations women may face in accessing financing, training, and capacity building.

Component 5: Preparation and submission of the First Biennial Transparency Report and the combined Fifth National Communication and Second Biennial Transparency Report to UNFCCC and knowledge management

Following the completion of the above outputs and outcomes, the First Biennial Transparency Report and the Fifth National Communication and Second Biennial Transparency Report will be compiled according to the guidelines, requirements and formats set by the MPGs. In this respect, the final format will follow the outline for Biennial Transparency Report and apply common reporting tables and tabular formats presented in 5/CMA.3. Supplemental chapters on research and systemic observation and on education, training and public awareness for the combined NC5/BTR2 will be compiled in accordance with applicable guidelines in 17/CP.8. The compilation and approval process of the BTR1 and NC5/BTR2 will be conducted in close consultation with all relevant national stakeholders **with equal participation of women and men**. Once finalized, the documents will be edited, translated, and submitted to the UNFCCC Secretariat for posting and dissemination. The BTR1 is expected to be finalized and submitted to the UNFCCC by December 2024 and the NC5/BTR2 is expected to be finalized and submitted to the UNFCCC by December 2026.

Component 6: Monitoring and Evaluation

Monitoring and Evaluation activities will be executed in line with the M&E plan under section E.

E. Monitoring and Evaluation Plan

Describe the budgeted M&E plan.

The project monitoring and evaluation will be carried out according to UNDP and GEF programming policies and procedures.

Inception Workshop and Report: A project inception workshop will be held within 2 months from the First disbursement date, with the aim to:

Familiarize key stakeholders with the detailed project strategy and discuss any changes that may have taken place in the overall context since the project idea was initially conceptualized that may influence its strategy and implementation.

Discuss the roles and responsibilities of the project team, including reporting lines, stakeholder engagement strategies and conflict resolution mechanisms.

Review the results framework and monitoring plan.

Discuss reporting, monitoring and evaluation roles and responsibilities and finalize the M&E budget, if applicable; identify national/regional institutes to be involved in project-level M&E; discuss the role of the GEF OFP and other stakeholders in project-level M&E.

Update and review responsibilities for monitoring project strategies, including the risk log; SESP report, Social and Environmental Management Framework (where relevant) and other safeguard requirements; project grievance mechanisms; gender strategy; knowledge management strategy, and other relevant management strategies.

Review financial reporting procedures and budget monitoring and other mandatory requirements and agree on the arrangements for the annual audit.

Plan and schedule Project Board meetings and finalize the first-year annual work plan. Finalize the TOR of the Project Board.

Formally launch the Project.

The Project Manager will prepare the inception report no later than one month after the inception workshop. The inception report will be prepared in one of the official UN languages, duly signed by designated persons, cleared by the UNDP Country Office and the UNDP-NCE Regional Technical Adviser, and will be approved by the Project Board.

Annual progress:

Status Survey Questionnaires to indicate progress and identify bottlenecks as well as technical support needs will be carried out once a year, in line with GEF and UNFCCC reporting requirements for NCs and BTRs.

Lessons learned and knowledge generation:

Results from the project will be disseminated within and beyond the project intervention area through existing information sharing networks and forums. The project will identify and participate, as relevant and appropriate, in scientific, policy-based and/or any other networks, which may be of benefit to the project. The project will identify, analyze and share lessons learned that might be beneficial to the design and implementation of similar projects and disseminate these lessons widely. There will be continuous information exchange between this project and other projects of similar focus in the same country, region and globally.

End of Project:

During the last three months, the project team will prepare the End of Project Report. This comprehensive report will summarize the results achieved (objectives, outcomes, outputs), lessons learned, problems met and areas where results may not have been achieved. It will also lay out recommendations for any further steps that may need to be taken to ensure sustainability and replicability of the project's results. The End of Project Report shall be discussed with the Project Board during an end-of-project review meeting to discuss lessons learned and opportunities for scaling up.

Monitoring and Evaluation Plan and Budget:		
GEF M&E requirements	Indicative costs (US\$)	Time frame
Inception Workshop	2,500	Within 2 months from the date First Disbursement
Inception Report	None	Within 30 days after Inception Workshop
Monitoring of indicators in project results framework	None	Annually
Supervision missions^{[8]⁵}	None	Annually
End of project report	None	3 months before operational closure
TOTAL indicative COST	2,500	

^[8] The costs of UNDP Country Office and UNDP-GEF Unit's participation and time are charged to the GEF Agency Fee.

SECTION 3: INFORMATION TABLES

F. GEF Financing Resources Requested by Agency, Country and Programming of Funds

GEF Agency	Trust Fund	Country/ Regional/ Global	Focal Area	Programming of Funds	GEF Enabling Activity Financing (\$)	Agency Fee (\$)	Total (\$)
UNDP	GET	Armenia	Climate Change	CC Set-Aside	1,233,000.00	117,135.00	1,350,135.00
Total GEF Resources					1,233,000.00	117,135.00	1,350,135.00

Sources of Funds for Country Star Allocation

GEF Agency	Trust Fund	Country/ Regional/ Global	Focal Area	Sources of Funds	Total(\$)
Total GEF Resources					0.00

G. Rio Markers

Climate Change Mitigation	Climate Change Adaptation	Biodiversity	Desertification
Principal Objective 2	Significant Objective 1	No Contribution 0	No Contribution 0

H. Record of Endorsement of GEF Operational Focal Point(s) on Behalf of the Government(s):

Please attach the *Operational Focal Point endorsement letter(s)* with this template.

Name	Position	Ministry	Date (MM/DD/YYYY)
Mr. Hakob Simidyan	GEF Focal Point, Minister of Environment	MINISTRY OF ENVIRONMENT OF THE REPUBLIC OF ARMENIA	3/24/2023

ANNEX A: RESPONSES TO STAKEHOLDER COMMENTS

Describe how the enabling activity has addressed comments from stakeholders, including Council Members, Convention Secretariats, and STAP (if applicable).

N/A

ANNEX B: PROJECT BUDGET TABLE

Attach the project budget table.

Expenditure Category	Detailed Description	Component (USDeq.)							Total (USDeq.)	Responsible Entity (Executing Entity receiving funds from the GEF Agency)[1]	
		Component	Component	Component	Component	Component	Sub-Total	M&E			PMC
		1	2	3	4	5					
Sub-component 1.1	Sub-component 2.1	Sub-component 3.1	Sub-component 4.1	Sub-component 5.1							
Equipment	Working stations for GHG Inventory Team Leader and for archiving GHG-related communication and documents (e.g., computers, laptops, printer). (Total: 18,200 USD)	18,200					18,200			18,200	HMC
Equipment	Communication costs (Total: 10,174.72).						-		10,174.72	10,175	HMC
Contractual Services – Company	2 Request for Proposals (RFPs) (Total: 67,000 USD) for contracting consultant company for surveys necessary for improving the GHG emissions activity data and national emission factors.	67,000					67,000			67,000	HMC
Contractual Services – Company	2 RFPs (Total: 75,000 USD) on preparation of BTR1 and NC5/BTR2 NDC Tracking and Mitigation Sub-Chapters and for modelling the emissions trends under 3 development scenarios.		75,000				75,000			75,000	HMC
Contractual Services – Company	RFP for adaptation assessment and preparation of			100,000			100,000			100,000	HMC

	adaptation policy and plan implementation progress reports as part of BTR1 and NC5/BTR2. (Total: 100,000 USD).									
Contractual Services – Company	RFP for assessing support needs and developing the BTR1 and NC5/BTR2 chapters on support needed and received and the chapter on research and systematic observations, education, training and public awareness as part of the NC5/BTR2 (Total: 39,000 USD).				39,000		39,000		39,000	HMC
Contractual Services – Company							-		-	HMC
Contractual Services – Individual	GHG Inventory and Mitigation Team Leader (Total: 83,600 USD, for 44 months with monthly salary of 1,900 USD) who will also coordinate the work of mitigation team.	83,600					83,600		83,600	HMC
Contractual Services – Individual	Task Lead Expert for the Climate Change Impacts and Adaptation component work coordination and input. (1700 USD/month for 43 months, Total: 73,100 USD).			73,100			73,100		73,100	HMC
Contractual Services – Individual	Budget line will cover salaries for a Project Manager						-	88,500	88,500	HMC

	(1350 USD/month for 46 months) and Project Assistant (600 USD/ month for 44 months. (Total: 88,500)									
International Consultants	International Consultants (600 USD/per day for 60 days, Total: 36,000 USD) will be involved to help with training for use of common reporting tables and software.	36,000					36,000			36,000 HMC
International Consultants	International consultants (Total: 53,000 USD) to provide support in building capacity for MRV verification system.		53,000				53,000			53,000 HMC
Local Consultants	10 Local consultants will be engaged for the development of the GHG Inventory Chapter and National GHG Inventory Report: on average 200 USD/per day (10 consultants, 70 to 80 days per consultant, in total 155,000 USD)	155,000					155,000			155,000 HMC
Local Consultants	5 local consultants will be engaged for assessing the impact of P&Ms in key emitting sectors on NDC implementation and for development of QA/QC system (200 USD/per day,		100,000				100,000			100,000 HMC

	100 days per consultant, Total: 100,000 USD).									
Local Consultants	Vulnerability and Risk Assessment experts to provide sector specific data collection and conduct assessment needed for National Adaptation Reporting, and technical advice to the elaboration of tender documentation for the RFP and participate in tender evaluation committee, in total 420 consultancy days for 6 sectoral experts (200 USD/per day, 6 consultants x 70 days, Total: 84,000 USD).			84,000		84,000			84,000	HMC
Local Consultants	6 local consultants will be engaged for 270 consultancy days (200 USD/day) in total for addressing information update on research and systematic observation, education, capacity building, support received, citizen training and public awareness with special consideration of gender issue as well as for analysing the mechanisms for the stakeholder's			54,000		54,000			54,000	HMC

	involvement and participation. (Total: 54,000 USD).										
Local Consultants	Budget line will cover the salaries of the staff engaged for the compilation of BTR1 and NC5/BTR2 and knowledge management. (Total: 24,000 USD).					24,000	24,000			24,000	HMC
Sub-contract to executing partner	DPC costs (Total: 8,415.28) - Direct Project Costs: for services rendered by UNDP to the project, according to the Letter of Agreement (Annex 11 of the project document) are the costs of administrative services (such as those related to human resources, procurement, finance, and other functions) provided by UNDP in relation to the project. Direct project costs will be charged based on the UNDP Universal Price List or the actual corresponding service cost, in line with the GEF rules on DPCs. The amounts here are estimations. DPCs will be detailed as part of the annual project						-		8,415.28	8,415	UNDP

	operational planning process and included in the yearly budgets. DPC costs can only be used for operational cost per transaction. DPCs are not a flat fee.									
Trainings, Workshops, Meetings	1 Training for the GHG inventory national experts on “2019 Refinement to the 2006 IPCC Guidelines for National GHG Inventories” and 2 Working Meetings with stakeholders. 2 Workshops on the presentation of National GHG inventory results and NIR (total 40 participants) (Total: 25,200 USD).	25,200				25,200			25,200	HMC
Trainings, Workshops, Meetings	3 trainings for introduction of MRV and mitigation impact assessment methodologies and 2 workshops introducing the outcomes of the NDC Tracking and Mitigation Sub-Chapters of BTR1 and NC5/BTR2. (Total: 18,500 USD)		18,500			18,500			18,500	HMC
Trainings, Workshops, Meetings	3 trainings for introduction and validation of the vulnerability assessment, the updated information			15,910		15,910			15,910	HMC

	on loss and damage, impact assessment methodologies and 2 workshops introducing the outcomes of the adaptation reports as sub-chapters of 1BTR and 5NC/2BTR. (Total: 15,910 USD).										
Trainings, Workshops, Meetings	Regular workshops to discuss progress, exchange ideas and present findings of the BTR1 and 5NC/BTR2 process with stakeholders. (Total: 26,000 USD).					26,000	26,000			26,000	HMC
Trainings, Workshops, Meetings	Project Inception Workshop at Year 1 (2023) (60 participants) (Total: 2,500 USD).							2,500		2,500	HMC
Travel	In-country and international travel costs of national and international experts to support data collection and quality control and participate in capacity-building trainings and workshops in relation to the preparation of GHG Inventory (Total: 8,000 USD)	8,000					8,000			8,000	HMC
Travel	In-country and international travel costs of national and international experts to support data collection and quality control and participate in capacity-building trainings and		8,000				8,000			8,000	HMC

	workshops in relation to the NDC progress tracking (Total: 8,000 USD).										
Other Operating Costs	Translation, design and publication of materials under Component 1 (Total: 17,000 USD).	17,000					17,000			17,000	HMC
Other Operating Costs	Translation, design, and publication of materials under Component 3 (Total: 11,900 USD).			11,900			11,900			11,900	HMC
Other Operating Costs	To cover costs related to the design, editing and translation and printing costs of the final BTR1 and 5NC/BTR2. (Total: 26,000 USD).					26,000	26,000			26,000	HMC
Other Operating Costs	Line will cover audit costs as per HACT framework (Total: 5,000 USD).								5,000	5,000	UNDP
Grand Total		410,000	254,500	284,910	93,000	76,000	1,118,410	2,500	112,090	1,233,000	

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ANNEX C: ENVIRONMENTAL AND SOCIAL SAFEGUARDS

Attached any screening documents or other ESS related documents (if applicable). ESS screening is not required for EAs but should be included if its available.

Check this box is ESS screening is not required per Agency's regulations

Title

SESP document
