

**Reporting Agency:** UNDP  
**Country:** Armenia

## MONITORING ACTION AND STANDARD PROGRESS REPORT<sup>1</sup>

**No. and title:** “Development of Armenia’s Fourth National Communication to the UNFCCC and Second Biennial Report” UNDP-GEF Project

Project ID: 00096445, Output ID: 00100369

**Reporting period:** 09 September 2016 – 31 March 2021

### I. PURPOSE

- *Present project’s goal, objectives, duration, theory of change (if available), implementing partner and responsible parties.*

**The project objective** is to enable Armenia to prepare its Fourth National Communication (4NC) under decision 17/CP.7 and the Second Biennial Update Report (BUR2) under decision 2/CP.17 of the United Nations Framework Convention on Climate Change.

**Project duration:** 2016-2021 (57 months, extended by 9 months to June 2021)

**Theory of change:** The information collected and analyzed in the frames of the preparation of the BUR2 and 4NC of Armenia will provide update on current progress with implementation of obligations of Armenia under UNFCCC. identifying main gaps and needs related to policies and measures for low carbon and resilient development, as well as capacity building needs.

**The Project Implementing Partner** is the Ministry of Environment (MoE; former Ministry of Nature Protection)<sup>2</sup>.

### II. RESOURCES AND FINANCIAL PERFORMANCE

	Total Project Budget	Current Year (2021)			All Years Delivery as of SPR date (USD)	All Years Delivery rate as of SPR date (%)
		Annual Budget	Delivery as of SPR date (USD)	Delivery rate as of SPR date (%)		
GEF	852,000	73,054.62	\$20,718.08	28.36%	\$799,663.46	93.86%

- *Indicate amount of leveraged resources, even if as a parallel funding.*

UNDP contributes to the project implementation with parallel co-financing of USD 80,000 throughout the project lifetime.

Government, i.e. Ministry of Environment contributes to the project with parallel co-financing of USD 500,000 throughout the project lifetime.

### III. RESULTS, PROGRESS, INNOVATIVE AND TRANSFORMATIVE ASPECTS

- **Programme results:**

(1) *the project’s progress vis-à-vis UNDAF/CPD outcomes, outputs, baselines, and targets, as well as*  
(2) *UNDP Strategic Plan (SP) and (3) Sustainable Development Goals (SDG).*

<sup>1</sup> The report shall be **evidence-based**, short, and informative. Add up information through the monitoring cycles, thus the final report will contain information for all the years. Use the results language i.e., change vis-à-vis the baseline and target informing also about a ‘so what’ aspect. Financial performance to be indicated based on CDR amount (i.e., actual not committed). A second table on commitments-based delivery is optional. **UNDP Armenia timeline of monitoring action:** Q1 planning – 20 January; Q1 reporting – 15 April; Q2 – 15 July; Q3 – 15 October; Q4 provisional - 15 November; Q4 final - 20 January. Do not delete guidelines from the report. **Distribution and filing:** Atlas/Attachments; UNDP Armenia e-Archive/Project folder; Project Board (Annual SPR; quarterly SPRs are sent to Project Board upon agreement); project files. Report file names are to be kept consistent.

<sup>2</sup> On June 5th 2019, the name of the Ministry of Nature Protection was changed to the Ministry of Environment.

The Project contributes to **Environmental sustainability and resilience-building**.

**UNDAF Outcome 7** - By 2020 Sustainable development principles and good practices for environmental sustainability resilience building, climate change adaptation and mitigation, and green economy are introduced and applied.

The project contributes to UNDAF Outcome 7 through review and update of country's climate related policies and measures in line with SDGs of Armenia, thus contributing to the global efforts on mitigation of climate change.

**CPD Output 4.1** - Regulatory framework of social environmental and economic sectors is updated to better address environmental sustainability and resilience principles. The project supported the drafting of the new Air protection law aimed at improving air quality policy enforcement. The Energy balance of Armenia for 2018 was developed ensuring information-based tracking of policy in the sector.

**SDG 13** - Take urgent action to combat climate change and its impacts:

*The progress with addressing the climate change mitigation and adaptation in Armenia summarized and recommendations for addressing needs and identified gaps reported in the 4<sup>th</sup> National Communication of Armenia to UNFCCC.*

**SDG 13.1 - Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries:** The updated analysis of Armenia's vulnerability under climate change and identification of adaptation needs contributes to the targeted policies and measures and leveraging of domestic and foreign investments. During 2019-2020 around 8 mln USD in adaptation projects is attracted.

**SDG 13.2- Integrate climate change measures into national policies, strategies and planning:** Cooperating with governmental agencies in raising awareness and advocating for the importance of integrating CC related issues into national policies, strategies, as well as legislative and regulative norms.

**SDG 13.3 - Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning:** organizing awareness-raising activities and educative workshops on CC issues, while paying attention to target such audiences, whose capacity building in CC-related issues will be beneficiary for the country.

*Performance snapshot of the 2021 planned deliverables.*

Outcomes/Outputs/Activities	Planned for 2021 <sup>3</sup>			Status as of Q1	Amount (\$)
	Q1	Q2	Expected Result		
<b>Outcome 1: National Circumstances and institutional arrangements relevant to the preparation of the biennial update report and national communications updated, other relevant information described (research/systematic observation, technology transfer, education, public awareness, capacity building, constraints and gaps)</b>					<b>\$7,652.61</b>
<b>Output 1.4:</b> Stakeholder awareness rising activities and trainings for partner agencies organized	X	X	Presentation of the outcomes of the 4 <sup>th</sup> National Communication to the national partners  Launch the educational materials on climate change to national partners and educational sector institutions  Stocktaking of on-going activities on implementation of the UNFCCC conducted and prioritization of activities for consideration	The draft report prepared have to be consulted with MoE  The Climate box publications and other materials translated, are being published.	

			in the course of 5th NC preparation done.		
<b>Outcome 2: National GHG inventory updated and capacity to collect the activity data on a continuous basis strengthened</b>					<b>\$3,981.14</b>
<b>Output 2.2:</b> National emission factors for the key sources updated, as needed; new country specific emissions factors for the key sources developed enabling application of higher tier approaches	X	X	Stakeholder consultations and validation of the factors for assessment of GHG emissions from forest sector conducted	A series of workshops to be organized, which also include one on Forest Sector.	
<b>Outcome 3: Report on policies and measures to mitigate the climate change prepared and capacity to collect and analyze this information on a continuous basis for the future biennial update reports and national communications strengthened</b>					<b>\$22,938.82</b>
<b>Output 3.1.</b> Mitigation analysis and proposals reviewed and upgraded.	X	X	Development of regulations for improvement of the efficiency of the use of water resources by Small Hydropower Plants.	The Contractor presented the Study and analysis of the RA regulatory package	
<b>Output 3.2.</b> Road map for the NDC implementation	X	X	Organization of broad consultations on updated NDC  Support consultations with stakeholders on NDC Partnership workplan	“Ecolur” NGO hired for organization of series of events aimed stakeholder consultations on Updated NDC. A workshop on NDC was organized.	
<b>Outcome 4: Climate change vulnerability assessment for priority sectors developed (with regional and local focus as applicable) and plans and programmes proposing measures to facilitate adaptation prepared</b>					<b>\$19,815.30</b>
<b>Output 4.3:</b> Vulnerability assessment for water with regional/local focus where applicable	X		Support provided for the irrigation norms revision on the example of one region and recommendations for scaling it provided  Stakeholder consultations on regulations related water permits for HPPs	Report draft developed for sharing with national partners in cooperation with NAP project. A roundtable on water resources was organized by the NGO hired for public awareness raising activities. Another roundtable discussion is underway.	
<b>Outcome 5: Establishment of domestic Measurement, Reporting and Verification system accelerated</b>					<b>\$33.82</b>
<b>Output 5.1:</b> Proposal for establishment of the domestic MRV system outlined and policy framework for the establishment of domestic MRV system developed	X		The consultations on institutional set-up for MRV initiated	The contact specialists in key ministries and agencies identified	
<b>Outcome 6: Second Biennial Update Report and Fourth National Communication consolidated and submitted; the Project M&amp;E conducted</b>					<b>\$16,954.25</b>
<b>Output 6.1:</b> 4NC and 2BUR produced, consulted, endorsed, published and submitted to the UNFCCC Secretariat and the outcomes shared with national stakeholders	X	X	Lessons Learned report developed, gaps and needs analyzed and discussed with national partners for planning follow-up activities	Lessons Learned report developed and uploaded to the system.	

			Training for national partners organized on cooperation for climate change data collection and reporting		
<b>Output 6.2:</b> Regular monitoring and reporting conducted: Lessons learned and end of project report compiled	X		Lessons learned and end of project reports developed  Final report prepared	Lessons learned and end of project reports developed  Final report prepared  Board meeting was conducted on March 4	
<b>Outcome 7. Project management</b>					<b>\$1,678.68</b>

- **Project results:** (1) Present the *narrative of the project's progress vis-à-vis the planned deliverables of the Results and Resources Framework of Prodoc*, disaggregated by years. Present additional results with a separate subtitle. (2) **Update RRF of Prodoc** (see in annex a sample of UNDP standard RRF).

## Project's main results

### 2021

- The project results during the reporting period contributed to the implementation of the transparency and accountability framework of the UNFCCC Convention and Paris Agreement.

### 2016-2020

- The BUR2, NIR 1990-2016, and 4<sup>th</sup> NC of Armenia were developed and submitted to the UNFCCC thus contributing to the set commitments of the country under the Convention. The 4NC published copies were shared with Ministries, international partners and embassies in Armenia.
- Besides the prepared national reports, national capacity building activities were supported, and 2 funding proposals were developed, both were approved by GEF. The BUR3 project, with USD 352,000 budget, has started, while “Building Armenia’s national transparency framework under Paris Agreement” (CBIT) project is approved by GEF (with a budget of USD 990,000). The CBIT Project’s LPAC was conducted. ProDoc (English and Armenian copies) submitted to Ministry of Environment for signing. Both projects are intended to ensure continuation of climate change mitigation measures and transparency framework in the country.

## Project's results by Outcomes

### 1. National Circumstances and institutional arrangements updated; other relevant information described

#### 2021

- Stakeholder consultations conducted.

#### 2016-2020

- The 4NC National Circumstances Chapter is developed and included in the 4NC report, which was submitted to UNFCCC on May 17, 2020 and posted to their website: <https://unfccc.int/non-annex-I-NCs>. The 4NC is also printed in 2 languages. The MoE will be supported to disseminate it among key stakeholders. The electronic version of the report can be found on the UNDP Climate Change Program’s

website: <http://nature-ic.am/en/publication/Fourth-National-Communication-on-Climate-Change/11676>, and [https://unfccc.int/sites/default/files/resource/NC4\\_Armenia\\_.pdf](https://unfccc.int/sites/default/files/resource/NC4_Armenia_.pdf)

## **2. National GHG inventory updated and capacity to collect the activity data strengthened**

### **2021**

In the frames of the Technical analysis from UNFCCC an international expert is assigned to work on NIIP (National Inventory Improvement Plan) with the team of the GHG Inventory local experts. An introductory on-line meeting was conducted and Improvement Plan development is underway.

### **2020**

- TOR for Company for undertaking GHG training basic course is developed, the training is postponed due to COVID-19 situation.
- The Guidebook for monitoring reforestation activities developed in cooperation with UNDP-GEF project on sustainable forest management.

### **2016-2019**

- National GHG Inventory report for 2015 and 2016 was circulated among the Ministry of Environment and other ministries and agencies – suppliers of activity data. Taking into account the comments and suggestions made, the National GHG Inventory report 2016 was revised and posted on [www.nature-ic.am](http://www.nature-ic.am). Further, information on the latest GHG Inventory done for 2016 was provided to the UNFCCC secretariat.
- A UNFCCC mission on “Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories of Armenia” was hosted on November 4-8, 2019, which conducted a QA of the GHG Inventory and provided findings and recommendations to further ameliorate the national GHG Inventory of Armenia in line with TACCC principles.
- Consultations with experts and data providers are conducted to improve data collection and analysis.
- A training on “Uncertainty assessment and key sources analysis in GHG Inventory” was organized in collaboration with BUR3 project. An international expert trained the GHG Inventory expert team concerning the Uncertainty assessment and trend assessment, while Findings and recommendations of the UNFCCC delegation on QA of GHG Inventory Report were again presented and discussed in details.

## **3. Report on policies and measures to mitigate the climate change prepared and capacity to collect and analyze this information on a continuous basis for the future biennial update reports and national communications strengthened**

### **2021**

- The articles presented during the 7th International Renewable and Clean Energy Conference were collected, a peer review by the Scientific Committee was organized. The Conference Proceedings were compiled, edited and a printing house is contracted for the design and printing of the materials.
- A study and analysis of the RA legislative field for increasing security of small hydropower construction and operation conducted.
- A workshop on NDC was organized as a public hearing/ round-table.
- The energy sector development programme in the context of climate change organized.

### **2016-2020**

- The information on current state of energy sector policies and measures was developed. The GHG emissions projections for Energy sector up to 2030 were developed using the LEAP software. Mitigation policies and measures per IPPU, Agriculture and Waste sectors were developed. Chapters 3 and 4 are finalized, translated and published as part of 4NC.
- The 7th International Renewable and Clean Energy Conference announced in June 2020, attract more than 26 presentations, including from Armenia and abroad. It was organized digitally on November 26-27.

- The draft NDC update developed in cooperation with EU4Climate Project and submitted to the Ministry of Environment. The expert hired for undertaking the NDC costing.

#### **4. Climate change vulnerability assessment for priority sectors developed (with regional and local focus as applicable) and plans and programmes proposing measures to facilitate adaptation prepared**

##### **2021**

- Local expert hired for coordination with NAP project International Consultant for continuing working on the irrigation norms revision and Policy paper for decision makers on updating irrigation norms in Armenia within the climate change context and in line with the best international practice

##### **2020**

- The reports on Vulnerability and Adaptation of the key sectors are developed. In particular, reports on climate change vulnerability of agriculture sector in Armenia for extreme weather events and on climate change (trends in temperature and precipitation) are compiled, water sector part was amended and impact on water quality is assessed. Gaps in these chapters were reviewed and addressed. Reports on health and tourism sectors are revised to include more details on risks.
- A National Expert hired and supported the process of undertaking the irrigation norms revision on pilot- Ararat valley area.
- The planting guidelines for users developed and submitted to the Ministry of Environment, the Guideline is published in 500 examples.

##### **2016-2019**

- Presentation summarizing the key vulnerability of Armenia prepared and submitted to the Minister of Environment for reporting to the Government.
- A presentation on adaptation issues for communities within the framework of cooperation with EU project was delivered on May 31, 2019 as a part of capacity building for self-administration bodies. Awareness raising workshop for community officials was organized to present how to integrate gender related issues into community development programs.

#### **5. Establishment of domestic Measurement, Reporting and Verification system accelerated**

##### **2021**

The consultations on institutional set-up for MRV initiated with the MoE.

##### **2020**

- "Building Armenia's national transparency framework under Paris Agreement" project is approved and is pending the signature of ProDoc. The project's LPAC was organized via zoom meeting on June 24, 2020, with all main stakeholders. The LPAC minutes are developed and signed by co-chairs from MOE and UNDP.
- In cooperation with EU4Climate project, UNDP and MoE experts represented Armenia in EU-UNDP workshop in Vienna and Copenhagen on regional cooperation for MRV on Climate Action. Government officials from Eastern Partnership countries reviewed progress in the implementation of their national climate actions during the workshop. The capacity assessment questionnaire was prepared for further work planning under MRV system improvement.
- Community based solutions for promotion of RES conducted for 8 communities. The assessment served as a base for investments on rooftop PV stations installation.
- Stocktaking conducted and report prepared to be used for Lessons learned report preparation and proposal development for 5th NC

##### **2016-2019**

- In collaboration with the Statistical Committee, a roadmap for improving the quality of the activity data of the national GHG inventory has been developed.

- In collaboration with the Ministry of Environment, a workshop on “Nationally Determined Contribution (NDC) and NDC Partnership Planning” was organized. The workshop was focused on implementation and enhancement of nationally determined contributions, pinpointing of primary spheres and strengthening of sectoral cooperation between stakeholder agencies.
- The inception arrangements for “Armenia’s Third Biennial Update Report to the UNFCCC” project done and the project started as of 31 July 2019.
- "Building Armenia's national transparency framework under Paris Agreement" project proposal (PIF) was also approved by GEF (USD 0.99 mln). A workshop moderated by an international expert was organized to share all the relative information on the project with key stakeholders. The UNDP project document is developed following new GEF-7 Guidelines and required co-financing letters and endorsement from GEF National focal point ensured and submitted to UNDP for GEF final approval in set timeline.

## **6. Second Biennial Update Report and Fourth National Communication consolidated and submitted; the Project M&E conducted**

### **2021**

Project has developed its main outcomes. Project’s regular M&E is being conducted.

### **2020**

- The chapters of 4NC were developed. 4NC report was revised, peer reviewed, translated and designed. The 4NC report was submitted to UNFCCC on May 17, 2020 and posted to their website: <https://unfccc.int/non-annex-I-NCs>. The report is printed in 2 languages and will be disseminated among stakeholders. The electronic version of the report can be found on the UNDP Climate Change Programme’s website: <http://nature-ic.am/en/publication/Fourth-National-Communication-on-Climate-Change/11676>
- Education and awareness raising in cooperation with “Climate Box” Regional Program underway.

### **2016-2019**

Second Biennial Update Report was developed and published, both at UNFCCC website and UNDP Climate Change Programme’s website. It was printed in Armenian and English and all copies were disseminated among the most important stakeholders.

- According to the UNFCCC procedures, the independent Technical Analysis under the International Consultation and Analysis Process of the BUR2 was finalized and posted on the UNFCCC website: <https://unfccc.int/documents/194039>.
- Armenia presented its Second Biennial Update Report (BUR2) at Facilitative Sharing of Views (FSV) workshop organized by the UNFCCC in Bonn, on the 19th June 2019. The main outcomes on climate mitigation policy implementation in Armenia during period 2013-2016 were reported, including updated information on greenhouse gas inventory for 1990-2014, mitigation policies and measures implemented in the country and their effect assessment, as well as forecast for energy sector emissions by 2030, considering that Energy is a strategic sector for the country and has the highest mitigation potential. The presentation was continued by Question & Answer session.

## **7. Project Management**

### **2021**

- Project Final report prepared and submitted to the RTA and uploaded in the system.
- Board meeting was conducted on March 4, 2021.

### **2016-2020**

- On February 28, 2020 a Project Management Board meeting was conducted. The management board recorded the progress in the project implementation and approved the work done in 2019; approved the AWP for 2020 with the comments and gave some important recommendations.
- Project no-cost extension was requested from GEF, due to COVID-19 breakout, which hinders the organization of National workshop to present FNC, as well as a number of local and international conferences and workshops. The budget revision is processed to adjust Y2017-2019 budgets to the actual expenditures as per CDRs Y2017-2019 and reallocate the residual amount to Y2020-2021 budgets, as well as to extend the project end date from 09.09.2020 until 09.06.2021.
- ***Innovative and transformative aspects:*** Highlight innovative practices and any transformative changes so far.

In the frames of the project was promoted Armenia's accession to the NDC Partnership and that ensured leveraged donor assistance and funding. The NDC Partnership creates important momentum for donor coordination and platform for avoiding duplication.

#### **IV. GENDER MAINSTREAMING, CROSSCUTTING RESULTS, TARGETING**

- Indicate the project's gender marker (GEN0-3) and **gender-responsive and gender-transformative results** vis-à-vis the Prodoc framework (N.B. UNDP Country Programme Documents requests that all projects be designed and implemented at GEN2-3 level).

*The project's gender marker is GEN1.*

##### **2021**

The women lead NGO selected for organization of consultative and awareness raising events. The equal participation of women and men ensured

##### **2020**

- The gender balanced participation in the formulation and implementation of policies and strategies for designing Second Biennial Update Report to UNFCCC and Fourth National Communication was ensured through balanced participation of men and women (at least 60% women participation in events).
- Gender disaggregated data is collected and analyzed in the economy, agriculture, public health, social assistance and labor market sectors. Gender analysis was conducted and included in the Fourth National Communication report.

##### **2019**

- The National expert on Gender related issues is hired, assessment of gender disaggregated data is initiated based on UNFCCC toolkit and the developed training package was discussed during the "Introduction to methodology and tools for gender analysis and planning in climate change area at the national, sectoral and project levels" training-workshop in 18-19 July 2019 with the participation of government officials and NGOs. The international gender adviser presented the key methodologies of gender analysis and conducted working group exercises to enhance skills of identification of gender and climate change interlinked issues in priority sectors (public health, energy, disaster risk management), as well as how to address these issues in gender planning and analysis.
- A workshop on "Gender Issues in Climate Change and Energy Sectors" was organized on 29 August 2019 with the participation of women-lead NGOs dealing with climate change and energy issues. NGOs presented their view on how to introduce gender issues into sectorial planning activities, particularly in transport and energy sectors, as well as urban planning and public lighting
- On September 25, 2019 "Community development projects: Climate Change, Energy and Gender" workshop was organized. The workshop was a capacity building for community civil servants to raise awareness in gender issues and to guide them how to incorporate gender related SDG sub-goals into the community development programs.



- On December 26 2019, a panel was organized to bring together women and girls working in “Climate” and “Energy” towards sustainable development of Armenia from legislators, public and private sector representatives, social groups and youth. The purpose was to empower women by sharing professional women’s stories regarding their achievements, deliver inspirational talks for women and girls empowerment and facilitate discussion regarding women face of climate and energy sector.

*Indicate also the project’s crosscutting results (e.g., youth empowerment, risk-informed development schemes, integrated development schemes), as well as the project’s contribution for Leaving No One Behind (LNOB) indicating particular target groups.*

*Women empowerment:* An expert from WICE (Women in Climate and Energy) NGO was hired for the activation of women participation in climate and energy related events and activities. Three workshops on gender were organized and women empowerment activities were developed.

*Youth empowerment:* In cooperation with EU project Covenant of Mayors, a presentation on mitigation activities in building sector and lighting was organized, which rose community awareness, especially among youth. CC Programme coordinator participated in YMCA + UN Youth Climate Summit Global campaign on Climate action day. An article was prepared and shared on social media network.

## **V. RISKS AND CHALLENGES**

- *Present the project’s issues, challenges and bottlenecks along with the suggested solutions.*
- *(1) Update the Project Risk Log in this report (2) and in Atlas (see a sample of UNDP standard risk log attached). N.B. Risks that are no further relevant shall not be deleted from the Log but a respective statement to be made in Risk treatment/management. SESP risks to be monitored in Risk Log.*

The Project Risks in ATLAS are updated and the Risk offline table is attached.

In 2019, COVID-19 outbreak in Armenia was added as a “Natural hazard” risk with high impact and expected likelihood. It impacts the project’s workplan with delays with organization of stakeholder outreach and presentation of the published 4NC, as well as organization of other workshops. The following activities for treatment were undertaken: Meetings with stakeholders to be organized remotely. Consultation with stakeholder ministries to be organized via emails and zoom meetings. Project extension for 9 months is requested to conduct presentations and workshops, when the situation with the pandemic will be manageable.

The escalation of the Nagorno Karabakh Conflict was also added as an “Armed Conflict” risk, with high impact and expected likelihood. It affected the project with a slowdown in contingency operations. As a treatment analysis of stakeholders/experts directly involved in the conflict was conducted.

## **VI. PRODOC CHANGES, HORIZON SCANNING**

- *Present the analysis in your project’s field (horizon scanning) regarding new opportunities, emerged stakeholders/donors, etc. and hence the necessary changes recommended to the project document.*
- *State changes to the project document (both proposed and approved by Project Board). For substantive revision, a documented LPAC endorsement is to be presented to the Project Board. [N.B. Necessary actions regarding revised prodoc will follow].*

**No-cost extension:** The Project’s no-cost extension was requested. The Project workplan, budget and appropriate justification was submitted to GEF and approval for no-cost extension, The Ministry of Environment, as the Implementing Partner of the Project has given no-objection for the project extension. The GEF has approved the extension of the project for 9 months. Thus, the project’s completion date was shifted from it’s original (09 September 2020) to 09 June 2021. The project budget is disbursed between 2020-2021.

## VII. PARTNERSHIPS, COMMUNICATION, KNOWLEDGE MATERIALS

- *Present planned and already conducted international, cross-sectorial and inter-agency cooperation instances. Differentiate by categories e.g., “South-South Cooperation”, “Inter-agency cooperation”, etc.*

✓ **South-South cooperation** is established with UNDP Lebanon climate change team. The initial exchanges started in 2017 between representatives of the Governments of Armenia and Lebanon aimed at supporting each other with valuable lessons learnt and best practices in relation, among other things, to greenhouse gas inventories, MRV systems, the continuous elaboration of BURs and the access to new financial resources like the Capacity Building Initiative for Transparency.

✓ Four representatives from the Government and two UNDP experts participated in the event on Monitoring, Reporting and Verification systems and transparency, held in September 2018, **Beirut, Lebanon**.

✓ An invitation to share the experience of Armenia’s Climate change policy in workshop organized in **Almaty** by UNDP-UNEP GSP was held in November 2019. MoE representatives took participation.

✓ Armenia was represented during “Leveraging and Managing Climate Finance for Sustainable Development in MICs” Study visit in **Kazakhstan** on 13-14 November 2019 and “Mobilizing Finance For Sustainable Development Goals” First Regional SDG Summit in Kazakhstan on 15-16 November 2019.

- *Present a summary of communication and visibility activities with evidences (in line with Communication plan). It is recommended to include a table presenting events and links.*

The project’s main reports:

National Reports	Links
Second Biennial Update Report	<a href="https://unfccc.int/BURs">https://unfccc.int/BURs</a> <a href="http://nature-ic.am/en/publication/Armenia%E2%80%99s-Second-Biennial-Update-Report/10553">http://nature-ic.am/en/publication/Armenia%E2%80%99s-Second-Biennial-Update-Report/10553</a>
Fourth National Communication	<a href="https://unfccc.int/non-annex-I-NCs">https://unfccc.int/non-annex-I-NCs</a> <a href="http://nature-ic.am/en/publication/Fourth-National-Communication-on-Climate-Change/11676">http://nature-ic.am/en/publication/Fourth-National-Communication-on-Climate-Change/11676</a>
2016 GHG National Inventory Report	<a href="http://nature-ic.am/en/publication/GHG-National-Inventory-Report-of-the-Republic-of-Armenia-2016/10603">http://nature-ic.am/en/publication/GHG-National-Inventory-Report-of-the-Republic-of-Armenia-2016/10603</a>
2014 GHG National Inventory Report	<a href="http://nature-ic.am/en/publication/GHG-National-Inventory-Report-for-2014/10516">http://nature-ic.am/en/publication/GHG-National-Inventory-Report-for-2014/10516</a>

The [www.nature-ic.am](http://www.nature-ic.am) website is periodically being updated. So, the recent news are being communicated, while important events and published reports are being presented to all the interested stakeholders.

A number of interviews and other visibility and communication activities were delivered:

Capacity building activities in communities, within the partnership with EU	<a href="http://nature-ic.am/en/news/Sustainable-Energy-Day-in-Ijevan--Martuni-and-Gavar-communities/10602">http://nature-ic.am/en/news/Sustainable-Energy-Day-in-Ijevan--Martuni-and-Gavar-communities/10602</a>
An interview was given to boon.am on Climate Change	<a href="http://boon.am/climate-change/">http://boon.am/climate-change/</a>
Delivering a speech during CC roundtable at “La nuit des idées” by French Embassy in Armenia at Yerevan Municipality	<a href="https://am.ambafrance.org/Nuit-des-Idees-2020">https://am.ambafrance.org/Nuit-des-Idees-2020</a>

- A speech on Climate change was delivered during a workshop for journalists organized by the International Committee of Red Cross.

- Interview to “Aravot Luso” Shant TV in January 2020 with Hydromet’s Director Levon Azizyan
- Interview on Hanrayin radio in January 2020 on energy saving and energy efficiency.
- Interview to AR TV “Azdarar” on Climate Change, February 2020.
- Meeting on “Green Deal” in EU Delegation to Armenia to discuss the UNDP Green Deal, chart on activities, Post 2020 strategy for 7 years to be developed.
- Discussion on “Verification on the implementation of the HCFC phase-out management plan for Armenia” Project with Advise Consulting

CC Program coordinator participated in the COP-25 and CMP-15, CMA-2 event in Madrid, December 2-6, 2019. In particular, participation was ensured to the following meetings:

- side event organized by UNFCCC on the role of CDM in decarbonizing cities and its co-benefits,
  - contact group meeting under SBSTA Agenda item 12 on Article 6,
  - contact groups on COP items of the Green Climate Fund to the Conference of the Parties
  - CC Program Coordinator made a presentation during - Transparency Initiative event in the Capacity Building Hub. The presentation underlined importance of GEF support for transparency related targets planned under CBIT project of Armenia, underlining importance of sharing knowledge and networking between countries, which are implementing the CBIT.
  - event on MRV with the Deputy Minister and was discussed possible cooperation on GHG monitoring with WMO IG3IS programme.
  - Presidential consultations on the increasing ambitions in NDCs
- *Present the project’s analytical and knowledge products in a similar table as in the above bullet point*  
N/A

## VIII. EVALUATIONS

- *(1) Inform about planned and implemented project evaluations. (2) Attach the updated Management Response table if applicable.*

No mid-term or final evaluation is applicable for EA projects, however regular progress report on each outcome of the project was reported to UNDP-UNEP Global Support Programme.

## IX. DONOR REPORTS

- *Present the schedule of donor reports and requests for installments with the completion status.*

As per design of this project, Status Survey Questionnaires to indicate progress and identify bottlenecks as well as technical support needs are carried out once a year, in line with GEF and UNFCCC reporting requirements.

## X. VALIDATION OF RESULTS (FIELD VISITS) AND QUALITY ASSURANCE

- *Validation of results (field visit) document is to be prepared during Q2 and Q4 (i.e., Annual) reports. Include in the report the last field visit document.*

Output Verification forms are collected in the Project’s respective folder.

- *Formulate **lessons learned** in highly strategic way.*
- *Update **quality assurance report** in the system for ongoing projects quarterly (to be cleared by programme manager and endorsed by portfolio manager (Assurer role). It is submitted and approved in the Corporate Planning System annually (Q4) for the approval of UNDP Programme Manager (RR/Approver role), with prior clearance by Assurer/Portfolio manager. For closing projects, **Project Closure quality assurance reports** to be prepared and approved in the system and presented to the last Project’s Board Meeting along with the Final Report of the Project.*

2016 – Design and Appraisal QA Report is conducted and approved.

2018- Implementation and Monitoring Quality Assurance Report is conducted and approved.

2019 - Implementation and Monitoring Quality Assurance Report is conducted and approved.

2020 – Project Board meeting conducted in February. Project extension related consultations with UNFCCC Focal point and UNDP Portfolio analyst conducted on the results of the project and no-objection received for project extension.

2021 - Project Board meeting conducted in March.

## **XI. FUTURE ACTIONS, WORK PLAN**

- *Indicate the key actions ahead.*
  
- Present the 4NC to stakeholders and in Armenian regions during National workshops.
- Organise workshops in 4 regions for presenting climate change educational materials.
- Finalize the 5NC draft proposal.
- Organize a national conference and workshops.
- Conduct studies and assessments regarding MRV system, NDC partnership, Forest Programme, etc.

OFFLINE RISK LOG					
#	Description	Risk Category	Impact & Probability	Risk Treatment / Management Measures	Risk Owner
	Enter a brief description of the risk. Risk description should include future event and cause.	Social and Environmental Financial Operational Organizational Political Regulatory Strategic Other	Describe the potential <b>effect</b> on the project if the future event were to occur. Enter <b>probability</b> based on 1-5 scale (1 = Not likely; 5 = Expected) Enter <b>impact</b> based on 1-5 scale (1 = Low; 5 = Critical)	What actions have been taken/will be taken to manage this risk.	The person or entity with the responsibility to manage the risk.
1	Lack of interest amongst stakeholders to participate in the process as it may fall outside their core mandate	Operational Organizational	Experience from 1BUR and previous NCs projects indicates that active involvement of stakeholders on all stages can ensure successful implementation of the Project. <b>P=3 I= 2</b>	Consultations with stakeholders held to get their buy-in. Workshops organized. NDC Partnership strengthened to rise stakeholder's political interest towards the process.	UNDP CO
2	Lack of accurate and reliable data collection and reporting capacity within national institutions	Operational	Some institutions may have no trained staff to assess and provide necessary data. <b>P=3 I= 2</b>	No longer relevant: A training was organized which brought together stakeholders from all the sectors and details were given on the activity data to be collected and how to report using the available guidelines and software.	UNDP CO
3	Unwillingness of some institutions to share data	Financial Operational	Importance of CC mitigation and adaptation is formulated and is part of national legal system, thus the project should properly realize the formal routes for data acquisition <b>P= 2 I=2</b>	No longer relevant: The data requesting letters are addressed to the senior management of the institutions with proper indication of the purpose and referring to the national legal framework.	UNDP CO
4	The national validation of the BUR2 and 4NC may take longer than planned	Operational Organizational	Due to possible unavailability of the Government representatives and existing procedures <b>P= 1 I=2</b>	No longer relevant: Corresponding background information and policy framework will be presented and provided beforehand for 4NC. <i>The BUR2 is already submitted to the UNFCCC without any deviation of the schedule, presented and approved.</i> As the Government structure has changed, the Inter-agency Coordinating Council on Climate Change should be reapproved. The Council acts as the stirring committee of the project. However, formal information channels within the Government are used to raise this issue. <i>4NC submission can be delayed.</i>	UNDP CO
5	COVID-19 outbreak in Armenia	Natural Hazards	Delays with organization of stakeholder outreach. Delay in presenting the 4NC to stakeholder ministries. Delay in presentation of the published 4NC and organization of other workshops.	Meetings with stakeholders will be organized remotely. Consultation with stakeholder ministries will be organized via mails as possible.	UNDP CO, MOE

			<b>P=5 I=4</b>	Project extension for 9 months is requested to conduct presentations and workshops, when the situation with the pandemic will be manageable.	
6	Escalation of the Nagorno Karabakh Conflict	Armed Conflict	Slowdown in contingency operations. Worsened socio-economic situation in Armenia. Possible revision of certain programme aspects to meet emerging socio-economic priorities and needs. <b>P=4 I=4</b>	Analysis of stakeholders/experts directly involved in the conflict	

## Results Framework<sup>4</sup>

	<b>Objective and Outcome Indicators</b>	<b>Baseline<sup>5</sup></b>	<b>End of Project Target</b>	<b>Source of Verification</b>	<b>Assumptions<sup>6</sup></b>	<b>Achievements 2016-2021</b>	<b>Target 2021</b>	<b>Results 2021</b>
<b>Project Objective:</b> Enabling Armenia in preparing and submitting its Second Biennial Update Report and Fourth National Communicat	IRRF Output 5.1. Mechanisms in place to assess natural and man-made risks at national and sub-national levels  IRRF Output 5.2. Effective institutional, legislative and policy frameworks in place to enhance the implementation of disaster and climate risk management measures	Armenia ensures regular reporting of climate change related trends and developments in the form of national communications, as part of its commitments under UNFCCC. The First (1998), Second (2000) and Third National	The BUR2 and 4NC endorsed and submitted to the UNFCCC in Dec 2017 (BUR2) and Dec 2019 (4NC).	The BUR2 and 4NC publication prepared and available at the UNFCCC web site:  <a href="http://unfccc.int/national_reports/non-annex_i_natcom/submitte">http://unfccc.int/national_reports/non-annex_i_natcom/submitte</a>	Risks:  The elections and Government change can delay the endorsement of the BUR2 and thus deadlines for submission can be shifted to 2018.  Assumptions:	The National Inventory Report for 2014 and 2016 are developed.  The BUR2 submitted to the UNFCCC.  4NC developed	Dissemination of the lessons learned from 4NC preparation	National Workshop on 4NC to be organized in Q2 2021.

<sup>4</sup> UNDP publishes its project information (indicators, baselines, targets and results) to meet the International Aid Transparency Initiative (IATI) standards. Make sure that indicators are S.M.A.R.T. (Specific, Measurable, Attainable, Relevant and Time-bound), provide accurate baselines and targets underpinned by reliable evidence and data, and avoid acronyms so that external audience clearly understand the results of the project.

<sup>5</sup> Baseline, mid-term and end of project target levels must be expressed in the same neutral unit of analysis as the corresponding indicator. Baseline is the current/original status or condition and need to be quantified. The baseline must be established before the project document is submitted to the GEF for final approval. The baseline values will be used to measure the success of the project through implementation monitoring and evaluation.

<sup>6</sup> Risks must be outlined in the Feasibility section of this project document.

ion to the UNFCCC in accordance with its commitments as a non-Annex I Party to the UNFCCC	at national and sub-national levels  Preparation and submission of Armenia's 4NC and BUR2	Communications (2015) were submitted to the UNFCCC respectively. The National Inventory Report for 2012 and BUR1 submitted to the UNFCCC on 30 December 2015, on 29 April 2016 respectively.		d_natcom/items/653.php	4NC will benefit from experience gained in the preparation of 3NC and the coordination mechanisms already in place; and will draw on a pool of experts.	and submitted to UNFCCC.		
<b>Component/ Outcome<sup>7</sup> 1</b> National Circumstances and institutional arrangements updated, other relevant information described	1.1 National circumstances on natural resources, geography, climate and socio-economic conditions affecting mitigation and adaptation capacity updated; national development objectives, priorities, specific needs and concerns related to climate change analyzed	National circumstances chapter included in the BUR1, submitted to the UNFCCC Secretariat on April 29, 2016	National Circumstances and institutional arrangements relevant to the preparation of the biennial update report and national communications updated	The relevant chapter with required information is available in the published 4NC and BUR2 reports. Project documentation, policy reports, expert review, 4NC, project website	No risks observed Assumptions: 4NC will benefit from experience gained in the preparation of 3NC and the coordination mechanisms already in place; and will draw on a pool of experts.	BUR2 corresponding chapters developed. FNC corresponding chapters developed.	N/A	N/A
	1.2. Institutional arrangements relevant to the preparation of the biennial update reports and national communications analyzed and described	The institutional arrangements as of 2014 described in BUR1	The progress and shortcomings of institutional arrangements analyzed and reported			The institutional arrangements for FNC, NIR and BUR preparation described	N/A	N/A

<sup>7</sup>Outcomes are short to medium term results that the project makes a contribution towards, and that are designed to help achieve the longer term objective. Achievement of outcomes will be influenced both by project outputs and additional factors that may be outside the direct control of the project.

						and included in reports. The climate change indicators considered in SDG localization process		
	1.3. Mechanism for stakeholder participation to enable the preparation of the biennial update reports and national communications described; Gender disaggregated data collected and analyzed in relation to climate change	The gender data in relation to climate change was not reported in previous NCs	The stakeholder participation will be ensured and described. The gender disaggregated data collected and reported to the extent possible			The roles and responsibilities of different actors in FNC, BUR and NIR preparation identified	N/A	N/A
	1.4. Technology, financial, capacity and awareness needs for mitigation and adaptation assessed and stakeholder awareness rising activities and trainings for partner agencies organized	The technology needs are assessed in the framework of UNEP-DTU project. The financial and capacity building needs are assessed as for 2014	The needs assessed and reported in corresponding chapters of BUR1 and 4NC, awareness rising activities for partner agencies and target groups are conducted			Information collection and compilation for BUR2 and 4NC  The information on financial resources and technology transfer compiled in		The Climate box publication launch and presentation on regions organized. The Proceedings of the 7 <sup>th</sup> Energy conference published.  Consultations with MoE conducted on coordination mechanism of UNFCCC implementation.



						BUR2 and 4NC		
	1.5. Information on research/systematic observation, technology transfer, education, public awareness, capacity building, constraints and gaps	The information on other relevant issues is reported in 3NC as of 2013	The information collected in participatory manner, analyzed and reported			The climate observation systems analyzed	N/A	N/A
<b>Component/ Outcome 2</b>  National GHG inventory updated and capacity to collect the activity data strengthened	2.1. GHG inventory updated to 2014-BUR2 and to 2016- 4NC using IPCC 2006 Guidelines and 2006 IPCC Software; for the Energy, IPPU, AFOLU and Waste sectors. National capacities for calculation of GHG inventory as well as institutional arrangements enabling preparation of GHG Inventory on a continuous basis improved and strengthened	National GHG Inventory report using IPCC 2006 Guidelines developed for 2012 and submitted to the UNFCCC Secretariat on December 30, 2015	The GHG Inventory for 2013-2014 and 2015-2016 prepared and institutional ownership ensured, through legal framework	The relevant chapter with required information is available in the published 4NC and BUR2 reports	No Risks observed:  Assumptions:  The experts are already familiar with the IPCC 2006 Guidelines and applied them while developing the 3NC and BUR1.	The 2014 and 2016 GHG Inventory Reports developed.	Consultations conducted and validation of the factors for assessment of GHG emissions from forest sector conducted	A series of workshops to be organized, which also include one on Forest Sector.
	2.2. National emission factors for the key sources updated, as needed; new country specific emissions factors for the key sources developed enabling application of higher tier approaches	Country specific 5 emission factors are developed	Country specific 5 emission factors from road transport developed and applied				For 3 categories the higher tier approach applied based on developed country-specific	N/A

						emission factors Further improvements of the GHG inventory		
	2.3. The collection process, accuracy and completeness of the activity data are improved	The QA/QC system was applied for preparation of GHG Inventory for 2012	The data collection formats are agreed and applied and system for their future application adopted			Data collection improved based on TACCC principles.	N/A	N/A
<b>Component/ Outcome 3</b> Report on policies and measures to mitigate the climate change prepared and capacity to collect and analyze this information on a continuous basis for the future biennial update reports and national	3.1. Mitigation analysis and proposals presented in the BUR1 and 3NC reviewed and upgraded. GHG emissions projections for the period of 2016-2020-2030 estimated	GHG emissions projections described in the BUR1 and submitted to the UNFCCC Secretariat on December 30, 2015	Report on policies and measures to mitigate the climate change prepared and analyzed. The Projections under BAU, WM and WAM scenarios developed and analyzed.	The relevant chapter with required information is available in the published 4NC and BUR2 reports.	Risks: Information on mitigation measures and projects are dispersed and ensuring completeness and accuracy of information is a challenge.  Assumptions:	GHG projections up to 2030 estimates.	N/A	N/A
	3.2. Roadmap for NDC implementation up to 2025 prepared and submitted to the government	Armenia's INDC endorsed by the RA Government Protocol Decision No 41 (dated 10 September 2015) and submitted to the UNFCCC	The NDC action plan developed and submitted	The draft government decision on NDC Action Plan submitted to the ME	Some experience and partnership is already built in the scope of the BUR1 preparation. GoA has a	Roadmap for NDC implementation developed in cooperation with	Roadmap for NDC implementation developed in cooperation with EU4Climate Project.	Workshops on NDC Implementation organized by an NGO for public consultations.

communications strengthened		Secretariat on 22 September, 2015			commitment to approve the NDC action plan by 2018.	EU4Climate Project.		
<b>Component/ Outcome 4</b> Climate change vulnerability assessment for priority sectors developed (with regional and local focus as applicable) and plans and programmes proposing measures to facilitate adaptation prepared	4.1. Climate change scenarios revised using appropriate models	Regional climate change scenarios generated through statistical methods, and assessments conducted for 3NC	Several regional scenarios with different spatial resolution are generated	Project reports, information contained in 3NC	Risks: Delay to generate the regionalized climate change scenarios with different spatial resolution. Capacity shortcoming for using appropriate models. Assumptions: Coordination with several research centers and South-South cooperation will be applied for reducing capacity shortcoming.	Develop climate change scenarios for period up to 2100	N/A	N/A
	4.2. Impacts of climate change on socio-economic development of Armenia described and analyzed	The socio-economic impact of CC on 5 sectors of economy was conducted in 2008, and to some extent also in the framework of 3NC	Socio-economic implications of CC on vulnerable sectors of economy assessed and adaptation measures benefits advocated	Expert review of the research reports		Data collected on impact of CC	N/A	N/A
	4.3. Vulnerability assessment for water (with case study on hydro-energy sector), agriculture, forestry, health, transport, and tourism conducted with regional/local focus where applicable	General analysis carried out based on previous SRES models.	Technical studies, reports on vulnerability assessments are available based on improved regional scenarios	Analytical reports, studies, information included in 4NC			Vulnerability assessments conducted	The methodology for revision of irrigation standards is commented and presented to national stakeholders for scaling it to other water basins

	4.4. Climate change risk management issues strengthened as part of National Disaster Risk Management Plan	The disaster risk management national action plan under Sendai framework is under development	The climate risks analyzed and climate change team participated in the DRM action plan development	The CRM priorities identified and included in the DRM action plan	Risks: Socio-economic impact assessment data and national capacity is		N/A	N/A
	4.5. Policy frameworks for effective integration of adaptation measures into national strategies identified and National Programme on Adaptation to Climate Change prepared and submitted for government approval	The Adaptation Road map draft developed by EU-ClimaEast project	Detailed assessments prepared for key development sectors. informing National Adaptation Strategy	The adaptation action plan draft submitted for stakeholders' consent	is considered as a limitation for appropriate justification for valuation of the measures to be included in the action plan.  Assumption: Coordination with the different stakeholders, including DRR team, as well as international consultant involvement is envisaged.	Cooperation with NAP Project established.	Draft regulations for increasing efficiency of water resources use for HPPs developed and consulted with national partners	The report of the national expert on revision of the irrigation norms presented to national stakeholders
<b>Component/ Outcome 5</b> Establishment of domestic Measurement, Reporting	5.1. Proposal for establishment of the domestic MRV system outlined in the BUR1 reviewed and updated and policy framework for the establishment of	MRV system outlined in the BUR1, submitted to the UNFCCC Secretariat on December 30, 2015	Consultations on roles and responsibilities for domestic MRV system conducted and framework	The MRV system enforced, the relevant chapter with required information	Risks: Lack of clear guidelines and proved experience on the MRV	Consultations with national counterparts conducted	The key specialists in partner ministries and agencies identified and trained on	The consultations with Statistics committee on improvement of the climate change data collection conducted.

and Verification system accelerated	domestic MRV system developed		proposed for approval	is available in the published 4NC and BUR2 reports	system for non-Annex I countries. Assumption: Some experience and partnership is already built in the scope of the BUR1 preparation. New developments under Convention are envisaged.	The MRV system needs and gaps included in the BUR2 report	climate change related data collection and reporting	
<b>Component/ Outcome 6</b> Second Biennial Update Report and Fourth National Communication consolidated and submitted, the Project M&E conducted	6.1. 4NC and BUR2 produced, consulted, endorsed, published and submitted to the UNFCCC Secretariat and the outcomes shared with national stakeholders	3NC submitted in 2015, the BUR1 in 2016	BUR2 and 4NC consolidated and submitted to the UNFCCC Secretariat	4NC and BUR2 reports are endorsed, submitted to the UNFCCC, published and presented to the stakeholders	Risks: The national validation of the BUR1 and 4NC may take longer than planned due to upcoming elections and change in GoA. Assumption: IACCC is fully functioning and the Project is not	BUR2 and FNC development, validation, translation and submission to UNFCCC	Lessons Learned report developed, discussed with national partners for planning follow-up activities  Educational products presented and shared  The Project Final report developed and	The Project Final report developed and approved by RTA

					politically sensitive.		approved by RTA	
	6.2. Regular monitoring and reporting conducted: i) Inception workshop organized; ii) Independent professional review of the BUR2 and 4NC ensured; iii) Lessons learned and end of project report compiled	M&E procedure for UNDP-GEF project	Appropriate M&E conducted	Project Inception Report, Standard Progress Reports, Audit Reports, End of project Report			Ensure Project monitoring	Project ongoing monitoring ensured.

## ANNUAL/MULTIYEAR WORK PLAN AND BUDGET FROM PRODOC <sup>89</sup>

All anticipated programmatic and operational costs to support the project, including development effectiveness and implementation support arrangements, need to be identified, estimated and fully costed in the project budget under the relevant output(s). This includes activities that directly support the project, such as communication, human resources, procurement, finance, audit, policy advisory, quality assurance, reporting, management, etc. All services which are directly related to the project need to be disclosed transparently in the project document.

Outcomes/Outputs/Activities	Activities planned for 2021		
	Q1	Q2	Activities
<b>Outcome 1: National Circumstances and institutional arrangements relevant to the preparation of the biennial update report and national communications updated, other relevant information described (research/systematic observation, technology transfer, education, public awareness, capacity building, constraints and gaps) \$7,652.61</b>			
<b>Output 1.4:</b> Stakeholder awareness rising activities and trainings for partner agencies organized	X	X	Conduct Stocktaking of on-going activities on implementation of the Convention and prioritize activities for consideration in the course of 5th NC preparation
<b>Outcome 2: National GHG inventory updated and capacity to collect the activity data on a continuous basis strengthened \$3,981.14</b>			
<b>Output 2.2:</b> National emission factors for the key sources updated, as needed; new country specific emissions factors for the key sources developed enabling application of higher tier approaches	X	X	Conduct Stakeholder consultations and validation of the factors for assessment of GHG emissions from forest sector
<b>Outcome 3: Report on policies and measures to mitigate the climate change prepared and capacity to collect and analyze this information on a continuous basis for the future biennial update reports and national communications strengthened \$22,938.82</b>			
<b>Output 3.1.</b> Mitigation analysis and proposals reviewed and upgraded.	X	X	Develop regulations for improving the efficiency of the use of water resources by Small Hydropower Plants
<b>Output 3.2.</b> Road map for the NDC implementation	X	X	Organize consultations on updated NDC
<b>Outcome 4: Climate change vulnerability assessment for priority sectors developed (with regional and local focus as applicable) and plans and programmes proposing measures to facilitate adaptation prepared \$19,815.30</b>			

<sup>8</sup> Cost definitions and classifications for programme and development effectiveness costs to be charged to the project are defined in the Executive Board decision DP/2010/32

<sup>9</sup> Changes to a project budget affecting the scope (outputs), completion date, or total estimated project costs require a formal budget revision that must be signed by the project board. In other cases, the UNDP programme manager alone may sign the revision provided the other signatories have no objection. This procedure may be applied for example when the purpose of the revision is only to re-phase activities among years.

Outcomes/Outputs/Activities	Activities planned for 2021		
	Q1	Q2	Activities
<b>Output 4.3:</b> Vulnerability assessment for water with regional/local focus where applicable	X		Organize Stakeholder consultations on scaling-up application of the methodology for revision of irrigation standards
<b>Outcome 5: Establishment of domestic Measurement, Reporting and Verification system accelerated \$33.82</b>			
<b>Output 5.1:</b> Proposal for establishment of the domestic MRV system outlined and policy framework for the establishment of domestic MRV system developed	X		Identify and train the contact specialists in key ministries and agencies
<b>Outcome 6: Second Biennial Update Report and Fourth National Communication consolidated and submitted; the Project M&amp;E conducted \$16,954.25</b>			
<b>Output 6.1:</b> 4NC and 2BUR produced, consulted, endorsed, published and submitted to the UNFCCC Secretariat and the outcomes shared with national stakeholders	X	X	<ul style="list-style-type: none"> <li>– Lessons Learned report developed, gaps and needs analyzed and discussed with national partners for planning follow-up activities</li> <li>– National workshop organized</li> <li>– The NC4 publication shared with key national stakeholders.</li> <li>– The NC4 outcomes presented in the regions</li> <li>– Outcomes of educational activities summarized and shared with Ministry of Education</li> </ul>
<b>Output 6.2:</b> Regular monitoring and reporting conducted: Lessons learned and end of project report compiled	X		Lessons learned and end of project reports developed
<b>Outcome 7. Project management \$1,678.68</b>			



**Development of Armenia's Fourth National Communication and Second Biennial Report to the UNFCCC  
UNDP/GEF Project**

**Multi-Year Budget for 2016-2021 (after the approved extension for 9 months)**

**Project ID: 00096445**

**Output ID: 00100369**

EXPECTED CP OUTPUTS and indicators including annual targets	PLANNED ACTIVITIES (including M&E activities)	RES P. PAR TY	PLANNED BUDGET UN \$									
			Source of Funds Code	Atlas Account Code	Budget Description	2016	2017	2018	2019	2020	2021	Total
<p><b>Output:</b> - Mechanisms in place to assess natural and man-made risks at national and sub-national levels - Effective institutional, legislative and policy frameworks in place to enhance the implementation of disaster and climate risk management measures at national and sub-national levels - Preparation and submission of Armenia's 4NC and 2BUR</p> <p><b>Baseline:</b> The First (1998), Second (2000) and Third National Communications (2015) were submitted to the UNFCCC respectively. The National Inventory Report for 2012 and 1BUR submitted to the UNFCCC on 30 December 2015, on 29 April 2016 respectively.</p> <p><b>Target:</b> - The 2BUR and 4NC endorsed and submitted to the UNFCCC in Dec 2017 (2BUR) and Dec 2019 (4NC).</p> <p><b>Indicator 1.1:</b> National circumstances on natural resources, geography,</p>	<p><b>Activity 1</b> National Circumstances and institutional arrangements relevant to the preparation of the BUR and NC updated, other relevant information described (research/systematic observation, technology transfer, education, public awareness, capacity building, constraints and gaps) 1.1. Update National Circumstances and institutional arrangements relevant to the preparation of the biennial update report and national communications. 1.2. Analyze and report the progress and shortcomings of institutional arrangements. 1.3. Ensure and describe the stakeholder participation. Collect and report to the extent possible the gender disaggregated data. 1.4. Assess and report the needs in corresponding chapters of 1BUR and 4NC,</p>	MoE	GEF									
				71300	Local Consultants	0.00	2,345.63	4,581.59	18,903.92	0.00	0.00	<b>25,831.14</b>
				71600	Travel	0.00	1,104.00	889.75	0.00	0.00	0.00	<b>1,993.75</b>
				72100	Contractual services-companies	0.00	0.00	7,613.75	6,847.76	0.00	0.00	<b>14,461.51</b>
				74200	Audio Visual & Printing Production Cost	0.00	0.00	2,084.18	149.85	2,300.00	2,500.00	<b>7,034.03</b>
				74500	Miscellaneous Expenses	0.00	4.41	32.17	0.00	0.00	0.00	<b>36.58</b>
				75700	Training, Workshops and Conferences	0.00	0.00	2,504.31	2,722.97	5,414.44	0.00	<b>10,641.72</b>
76100	Foreign Exchange Currency Loss	0.00	0.00	0.00	0.00	1.27	0.00	<b>1.27</b>				

<p>climate and socio-economic conditions affecting mitigation and adaptation capacity updated; national development objectives, priorities, specific needs and concerns related to climate change analyzed</p> <p><u>Indicator 1.2:</u> Institutional arrangements relevant to the preparation of the biennial update reports and national communications analyzed and described</p> <p><u>Indicator 1.3:</u> Mechanism for stakeholder participation to enable the preparation of the biennial update reports and national communications described; Gender disaggregated data collected and analyzed in relation to climate change</p> <p><u>Indicator 1.4:</u> Technology, financial, capacity and awareness needs for mitigation and adaptation assessed and stakeholder awareness rising activities and trainings for partner agencies organized</p> <p><u>Indicator 1.5:</u> Information on research/systematic observation, technology transfer, education, public awareness, capacity building, constraints and gaps</p> <p><u>Indicator 2.1:</u> GHG inventory updated to 2014-2BUR and to 2016-4NC using IPCC 2006 Guidelines and 2006 IPCC Software; for the Energy, IPPU, AFOLU and Waste sectors. National capacities for calculation of GHG inventory as well as institutional arrangements enabling preparation of GHG Inventory on a continuous improved and strengthened</p>	<p>conduct awareness rising activities for partner agencies and target groups.</p> <p>1.5. Collect, analyze and report the information in participatory manner.</p>				<b>TOTAL OUTCOME 1</b>	<b>0.00</b>	<b>3,454.04</b>	<b>17,705.75</b>	<b>28,624.50</b>	<b>7,715.71</b>	<b>2,500.00</b>	<b>60,000.00</b>
	<b>Activity 2</b>	MoE	GEF	71300	Local Consultants	0.00	39,940.28	32,228.32	20,077.56	4,236.62	0.00	<b>96,482.78</b>
	National GHG inventory updated and capacity to collect the activity data on a continuous basis strengthened			71400	Contractual services- individuals	1,178.25	13,333.23	14,875.09	12,392.10	14,200.00	0.00	<b>55,978.67</b>
	2.1. Prepare the GHG Inventory for 2013-2014 and 2015-2016 and ensure its institutional ownership through legal framework.			71600	Travel	0.00	3,942.02	0.00	1,044.00	0.00	0.00	<b>4,986.02</b>
				72100	Contractual services- companies	0.00	0.00	0.00	17,442.57	0.00	0.00	<b>17,442.57</b>
				72500	Supplies	0.00	268.59	452.62	559.54	450.00	0.00	<b>1,730.75</b>
				73400	Rental & Maintenance of Other Equipment	0.00	91.59	220.77	303.46	250.00	0.00	<b>865.82</b>
	2.2. Develop and apply country specific emission factors from road transport.			74200	Audio Visual & Printing Production Cost	0.00	0.00	844.80	4,938.04	0.00	0.00	<b>5,782.84</b>
	2.3. Agree and apply the data collection formats and adopt system for their future application.			74500	Miscellaneous Expenses	0.00	12.98	0.00	0.00	0.00	0.00	<b>12.98</b>
				75700	Training, Workshops and Conferences	0.00	516.82	203.15	0.00	0.00	3,000.00	<b>3,719.97</b>
			76100	Foreign Exchange Currency Loss	0.00	-0.42	0.05	-2.03	0.00	0.00	<b>-2.40</b>	
				<b>TOTAL OUTCOME 2</b>	<b>1,178.25</b>	<b>58,105.09</b>	<b>48,824.80</b>	<b>56,755.24</b>	<b>19,136.62</b>	<b>3,000.00</b>	<b>187,000.00</b>	
<b>Activity 3</b>	MoE	GEF	71200	International Consultants	0.00	7,524.19	16,197.85	14,432.58	0.00	0.00	<b>38,154.62</b>	
Report on policies and measures to mitigate the climate change prepared and capacity to collect and analyze this information on a continuous basis for the future biennial update reports and national communications strengthened			71300	Local Consultants	0.00	36,709.00	13,797.99	26,128.01	3,000.00	0.00	<b>79,635.00</b>	
			71400	Contractual services- individuals	0.00	5,654.74	0.00	0.00	0.00	0.00	<b>5,654.74</b>	
			71600	Travel	0.00	1,243.77	29.85	1,454.58	0.00	0.00	<b>2,728.20</b>	
			72100	Contractual services- companies	0.00	0.00	0.00	16,124.41	17,200.00	15,000.00	<b>48,324.41</b>	
3.1. Prepare and analyze report on policies and measures to mitigate the climate change. Develop and analyze the projections under BAU, WM and WAM			72300	Materials and Goods	0.00	0.00	132.63	1,672.78	3,000.00	0.00	<b>4,805.41</b>	
			72400	Communication & Audio Visual Equipment	0.00	0.00	2,844.36	1,931.18	5,000.00	2,000.00	<b>11,775.54</b>	
			72500	Supplies	0.00	256.44	485.00	315.34	0.00	0.00	<b>1,056.78</b>	
			73400	Rental & Maintenance of Other Equipment	0.00	895.08	-120.20	0.00	0.00	0.00	<b>774.88</b>	

<u>Indicator 2.2:</u> National emission factors for the key sources updated, as needed; new country specific emissions factors for the key sources developed enabling application of higher tier approaches	scenarios.			74500	Miscellaneous Expenses	0.00	82.90	0.00	127.56	0.00	0.00	<b>210.46</b>
	3.2. Develop and submit the NDC action plan.			75700	Training, Workshops and Conferences	0.00	3,220.07	0.00	4,263.83	1,441.97	0.00	<b>8,925.87</b>
				76100	Foreign Exchange Currency Loss	0.00	10.74	0.15	0.55	0.00	0.00	<b>11.44</b>
				BA012	Asset Transfer	0.00	0.00	1,710.14	1,232.51	0.00	0.00	<b>2,942.65</b>
<u>Indicator 2.3:</u> The collection process, accuracy and completeness of the activity data are improved				<b>TOTAL OUTCOME 3</b>		<b>0.00</b>	<b>55,596.93</b>	<b>35,077.77</b>	<b>67,683.33</b>	<b>29,641.97</b>	<b>17,000.00</b>	<b>205,000.00</b>
<u>Indicator 3.1:</u> Mitigation analysis and proposals presented in the 1BUR and 3NC reviewed and upgraded. GHG emissions projections for the period of 2016-2020-2030 estimated	<u>Activity 4</u> Climate change vulnerability assessment for priority sectors developed (with regional and local focus as applicable) and plans and programmes proposing measures to facilitate adaptation prepared) 4.1. Generate several regional scenarios with different spatial resolution. 4.2. Assess socio-economic implications of CC on vulnerable sectors of economy and advocate adaptation measures. 4.3. Make technical studies, reports on vulnerability assessments available based on improved regional scenarios. 4.4. Analyze the climate risks and participate in the DRM action plan development. 4.5. Prepare detailed assessments for key development sectors informing National Adaptation Strategy.	MoE	GEF	71200	International Consultants	0.00	0.00	3,554.00	6,112.50	11,300.00	8,000.00	<b>28,966.50</b>
<u>Indicator 3.2:</u> Roadmap for NDC implementation up to 2025 prepared and submitted to the government				71300	Local Consultants	0.00	11,757.60	66,623.87	30,298.94	8,500.00	0.00	<b>117,180.41</b>
<u>Indicator 4.1:</u> Climate change scenarios revised using appropriate models				71400	Contractual services-individuals	0.00	0.00	0.00	0.00	20,000.00	3,700.00	<b>23,700.00</b>
<u>Indicator 4.2:</u> Impacts of climate change on socio-economic development of Armenia described and analyzed				71600	Travel	0.00	698.23	571.67	3,599.17	0.00	0.00	<b>4,869.07</b>
<u>Indicator 4.3:</u> Vulnerability assessment for water (with case study on hydro-energy sector), agriculture, forestry, health, transport, and tourism conducted with regional/local focus where applicable				72100	Contractual services-companies	0.00	0.00	341.38	0.00	0.00	0.00	<b>341.38</b>
<u>Indicator 4.4:</u> Climate change risk management issues strengthened as part of National Disaster Risk Management Plan				72200	Equipment and Furniture	83.91	0.00	0.00	0.00	0.00	0.00	<b>83.91</b>
<u>Indicator 4.5:</u> Policy frameworks for effective integration of adaptation measures into national strategies				72400	Communication & Audio Visual Equipment	0.00	677.09	3,168.00	4,565.50	4,160.18	0.00	<b>12,570.77</b>
				72800	Information Technology Equipment	0.00	482.18	0.00	0.00	0.00	0.00	<b>482.18</b>
				73300	Rental & Maintenance of Info Tech Equip	0.00	0.00	127.50	0.00	0.00	0.00	<b>127.50</b>
				74500	Miscellaneous expenses	0.00	8.92	0.00	0.00	50.00	0.00	<b>58.92</b>
				75700	Training, Workshops and Conferences	0.00	2,701.76	0.00	2,267.02	0.00	0.00	<b>4,968.78</b>
				76100	Foreign Exchange Currency Loss	0.00	21.19	0.15	2.66	0.00	0.00	<b>24.00</b>
				76100	Foreign Exchange Currency Loss	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>
				BA007	IT&C	88.04	931.26	418.01	3,189.27	0.00	0.00	<b>4,626.58</b>
				<b>TOTAL OUTCOME 4</b>		<b>171.95</b>	<b>17,278.23</b>	<b>74,804.58</b>	<b>50,035.06</b>	<b>44,010.18</b>	<b>11,700.00</b>	<b>198,000.00</b>
	<u>Activity 5</u> Establishment of Domestic Measurement, Reporting and Verification system accelerated 5.1. Conduct consultations on	MoE	GEF	71300	Local Consultants	0.00	6,909.50	4,292.55	0.00	6,000.00	0.00	<b>17,202.05</b>
				72400	Communication & Audio Visual Equipment	0.00	1,530.40	6,115.91	2,045.19	3,200.00	0.00	<b>12,891.50</b>
				72800	Information Technology Equipment	0.00	2,261.23	3,572.08	4,145.53	2,000.00	0.00	<b>11,978.84</b>

identified and National Programme on Adaptation to Climate Change prepared and submitted for government approval	roles and responsibilities for domestic MRV system and propose framework for approval.			74200	Audio Visual & Printing Production Cost	0.00	0.00	0.00	1,432.75	4,575.25	0.00	<b>6,008.00</b>			
				76100	Foreign Exchange Currency Loss	0.00	0.00	1.69	0.00	0.00	0.00	<b>1.69</b>			
				BA007	IT&C	19.98	239.75	239.74	1,418.45	0.00	0.00	<b>1,917.92</b>			
						<b>TOTAL OUTCOME 5</b>	<b>19.98</b>	<b>10,940.88</b>	<b>14,221.97</b>	<b>9,041.92</b>	<b>15,775.25</b>	<b>0.00</b>	<b>50,000.00</b>		
<u>Indicator 5.1:</u> Proposal for establishment of the domestic MRV system outlined in the 1BUR reviewed and updated and policy framework for the establishment of domestic MRV system developed	<u>Activity 6</u> Second Biennial Update Report and Fourth National Communication consolidated and submitted; Appropriate framework in place for Project M&E, financial audit conducted and lessons learned compiled 6.1. Consolidate 2BUR and 4NC and submit to the UNFCCC Secretariat. 6.2. Conduct appropriate M&E	MoE	GEF	71300	Local Consultants	0.00	11,690.00	0.00	5,320.39	12,000.00	2,000.00	<b>31,010.39</b>			
				71600	Travel	845.00	2,177.00	0.00	0.00	0.00	0.00	<b>3,022.00</b>			
				72100	Contractual services-companies	0.00	0.00	70.35	0.00	0.00	0.00	<b>70.35</b>			
				72500	Supplies	98.34	342.52	544.46	452.36	500.00	0.00	<b>1,937.68</b>			
				74100	Professional Services	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>			
				74200	Audio Visual & Printing Production Cost	242.19	4,650.28	4,320.32	1,942.16	3,500.00	2,000.00	<b>16,654.95</b>			
				74500	Miscellaneous expenses	3.38	8.70	0.00	0.00	0.00	0.00	<b>12.08</b>			
				75700	Training, Workshops and Conferences	1,228.56	2,283.50	1,525.72	133.06	14,106.81	2,999.56	<b>22,277.21</b>			
				76100	Foreign Exchange Currency Loss	-1.83	-0.66	1.39	15.11	1.33	0.00	<b>15.34</b>			
								<b>TOTAL OUTCOME 6</b>	<b>2,415.64</b>	<b>21,151.34</b>	<b>6,462.24</b>	<b>7,863.08</b>	<b>30,108.14</b>	<b>6,999.56</b>	<b>75,000.00</b>
<u>Indicator 6.1:</u> 4NC and 2BUR produced, consulted, endorsed, published and submitted to the UNFCCC Secretariat and the outcomes shared with national stakeholders	<u>Indicator 6.2:</u> Regular monitoring and reporting conducted: i) Inception workshop organized; ii) Independent professional review of the 2BUR and 4NC ensured; iii) Lessons learned and end of project report compiled.	MoE	GEF	71300	Local Consultants	0.00	0.00	1,075.86	0.00	0.00	0.00	<b>1,075.86</b>			
				71400	Contractual services-individuals	2,739.61	19,261.21	19,037.68	22,030.20	6,600.00	1,255.44	<b>70,924.14</b>			
				74500	Miscellaneous expenses (DPC)	551.04	2,948.00	597.17	370.81	532.98	0.00	<b>5,000.00</b>			
								<b>TOTAL OUTCOME 7</b>	<b>3,290.65</b>	<b>22,209.21</b>	<b>20,710.71</b>	<b>22,401.01</b>	<b>7,132.98</b>	<b>1,255.44</b>	<b>77,000.00</b>
								<b>PROJECT TOTAL</b>	<b>7,076.47</b>	<b>188,735.72</b>	<b>217,807.82</b>	<b>242,404.14</b>	<b>153,520.85</b>	<b>42,455.00</b>	<b>852,000.00</b>