### Clarifications on the letters of commitments and co-financing from the project partners

<table>
<thead>
<tr>
<th>Partner</th>
<th>$ Amount stated in FP</th>
<th>$ Amount stated in commitment letter</th>
<th>$ amount occurring in project period</th>
<th>$ amount outside of project period for O&amp;M</th>
<th>$ amount excluded from co-financing</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOENRP</td>
<td>12 778 000</td>
<td>34 750 000</td>
<td>12 778 000</td>
<td>18 852 000</td>
<td>3 120 000</td>
<td>1. The MoENRP co-financing letter was signed on 3 May 2017. It refers to the total co-financing amount of $34.75 million with NEA 20-year O&amp;M costs for hydrometeorological monitoring equipment of $23.16 million that originally included above all 4 new mini radars to be purchased with the GCF funds. For the first submission to GCF on 5 June, UNDP and the GoG explored opportunities for reducing the total GCF budget request. Based on the consultations with MoENRP and NEA, the government reduced its request for hydrometeorological monitoring equipment, removing the 4 mini-radar from the proposal. As a result, the total O&amp;M costs under the NEA co-financing were reduced by the amount corresponding to the O&amp;M for the 4 mini radars ($39,000 x 4 radars x 20 years = $3.120 mln). $3.120 mln were excluded from co-financing and from O&amp;M estimates. Therefore, the total 20-year O&amp;M costs for equipment were estimated as $20.04 million. The equipment will be purchased by Year 2 of the project; therefore, disbursement of the NEA O&amp;M costs will start from Year 3 of the project. Therefore, 5-year NEA O&amp;M costs ($5.01 mln) were included in total MoENRP co-financing reflected in the FP (US$ 12.778). 2. NEA co-financing also included 20-year data management costs of $5.88 mln; out of these 7-year data management costs ($2.058 ) were counted as co-financing occurring in project period; the rest 13-year data management costs were counted as O&amp;M outside of the project period. See Annex XIII - Additional background materials (part b) for NEA O&amp;M costs.</td>
</tr>
<tr>
<td>MOA</td>
<td>600 000</td>
<td>2 400 000</td>
<td>600 000</td>
<td>1 800 000</td>
<td></td>
<td>O&amp;M starts from year 3; 5-year O&amp;M costs included as co-financing</td>
</tr>
<tr>
<td>SDC</td>
<td>5 000 000</td>
<td>5 000 000</td>
<td>5 000 000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MIA</td>
<td>16 537 694</td>
<td>16 537 694</td>
<td>16 537 694</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRDI</td>
<td>7 271 730</td>
<td>7 271 730</td>
<td>7 271 730</td>
<td></td>
<td></td>
<td>Construction costs under activity 3.3.</td>
</tr>
<tr>
<td>Tbilisi Municipality</td>
<td>1 051 600</td>
<td>13 151 600</td>
<td>1 051 600</td>
<td>12 100 000</td>
<td></td>
<td>Tbilisi funds for the implementation of PDNA and annual river bank protection works were not included as co-financing as they were not considered new and additional</td>
</tr>
<tr>
<td>Local Governments</td>
<td>-</td>
<td>3 146 972</td>
<td>3 146 972</td>
<td></td>
<td></td>
<td>O&amp;M for flood defence structures</td>
</tr>
</tbody>
</table>
To: Mr. Niels Scott

Subject: a letter of commitment for participation in implementation and co-financing of the project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”

UN Resident Coordinator/ UNDP Resident Representative in Georgia

Your Excellency,

The Ministry of Regional Development and Infrastructure of Georgia (MRDI) fully supports the proposed GCF project: Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia, given its importance for increasing the resilience of Georgian people, their assets and critical infrastructure to climate induced disaster risks.

Herewith, we confirm our commitment to participate in the implementation of community resilience structural measures of the project with high risk reduction potential through co-funding construction, commissioning and supervision, including environmental compliance supervision.

Our co-financing of the given activity is USD 7 271 730 during the whole implementation period of the project (2018-2023) that includes the cost of implementation of a number of community resilience structural measures of the project with high risk reduction potential (Please refer to Annex to this letter for the list of locations to be funded and implemented by MRDI).

In addition to above, the MRDI as one of the major partners and stakeholders of the project will actively participate in developing multi-hazard risk reduction plans for 11 river basins envisaged under the project, through providing its experts advice on priority structural measures and feasibility studies of these plans.

We would like to thank the GCF and UNDP for the continued support in addressing current and future climate challenges in Georgia.

Sincerely,

Zurab Alavidze
Minister
<table>
<thead>
<tr>
<th>Site #</th>
<th>Location (Village/Town)</th>
<th>River</th>
<th>Tentative Cost (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Gaghma Kodori</td>
<td>Rioni</td>
<td>291,250</td>
</tr>
<tr>
<td>2</td>
<td>Sagvichio</td>
<td>Rioni</td>
<td>699,000</td>
</tr>
<tr>
<td>3</td>
<td>Gori</td>
<td>Liakhvi</td>
<td>545,580</td>
</tr>
<tr>
<td>4</td>
<td>Alaverdi</td>
<td>Khodashniskhevi</td>
<td>1,372,300</td>
</tr>
<tr>
<td>5</td>
<td>Siriachkoni (Sagvichio)</td>
<td>Rioni</td>
<td>582,500</td>
</tr>
<tr>
<td>6</td>
<td>Narionali (Guleikari)</td>
<td>Rioni</td>
<td>640,750</td>
</tr>
<tr>
<td>7</td>
<td>Vazisubani</td>
<td>Rioni</td>
<td>407,750</td>
</tr>
<tr>
<td>8</td>
<td>Patara Poti (Shavgele)</td>
<td>Rioni</td>
<td>2,330,000</td>
</tr>
<tr>
<td>9</td>
<td>Milari (Anaga)</td>
<td>Alazani</td>
<td>207,000</td>
</tr>
<tr>
<td>10</td>
<td>Telavi</td>
<td>Telaviskhevi</td>
<td>195,600</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>7,271,730</strong></td>
</tr>
</tbody>
</table>
Subject: a letter of commitment for the implementation, co-financing and Operation and Maintenance (O&M) for GCF supported project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”

Your Excellency,

The Ministry of Environment and Natural Resources Protection of Georgia (MENRP) presents its compliments to the UN Resident coordinator and UNDP country office representation in Georgia and expresses sincere gratitude for fruitful cooperation on number of projects in Georgia.

With this letter, we would like to confirm that the Ministry of Environment and Natural Resources Protection pleased to partner with UNDP to further develop climate risk management capacities and early warning systems in Georgia. Our ongoing partnership on the flood risk management in Rioni River Basin has been indeed crucial for improving risk management practices in Georgia and strengthening hydrometeorology network. This partnership has paved the way to a larger project on “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”, being developed by UNDP based on the request of our Ministry and to be submitted to Green Climate Fund (GCF) this year.

I would like to express our sincere gratitude for the UNDP support to the development of this new GCF project. I confirm our strong support to this new project and our willingness to implement the project with UNDP in its capacity of the GCF Accredited Entity.

MENRP through its Integrated Management Department will be the National Implementing Partner for the project. The Ministry together with its sub-ordinated bodies - NEA and the Center for Environmental Education and Information (CEIE) - is responsible for development and coordination of implementation of climate adaptation policies, monitoring and forecasting of climate-induced hydrometeorological and geological hazards, participation in national-wide early warning system and, environmental education and information. Taking into account the fact that Georgia is vulnerable to hydrological and geological hazards and other natural threats, which are intensified due to climate change, upgrading of hydrometeorological and geological observation network and setting of operational multi-hazard early warning system is very important and timely. The proposed project will assist the country in improving hydrometeorological and geological monitoring system in Georgia and establishing modern forecasting and early warning system.

We hereby confirm that the Ministry of Environment and Natural Resource Protection will provide total of USD 34.75 million co-financing for the project of which:

Mr. Niels Scott
UN Resident Coordinator/
UNDP Resident Representative in Georgia
USD 0.088 million is in-kind contribution from the Department of Integrated Management of the MENRP, including: 1) The Department’s (particularly Climate Change and Water Resources Management divisions) staff time as well as costs for staff travel and use of premises for the entire period of project implementation;

USD 0.045 million country allocation of USAID funded project to purchase of hydrological stations on river Aragvi;

USD 0.165 million - Cost for purchase of drone;

USD 30.74 million is contribution from the National Environmental Agency (NEA) and international donor assistance, including:

- The cost for 1 (one) meteorological radar purchase and installation in city Kutaisi through the State Budget - USD 1.7 million;
- Equipment Operation and Maintenance (O&M) costs for 20 years – USD 23.16 million (details in Annex 1, Table 1);
- Data management and EWS operation costs for 20 years – USD 5.88 million (details in Annex 1, Table 2)

USD 1.112 million contribution from the Environmental Information and Education Center (EIEC), including: USD 0.79 million contribution from ongoing donor-supported projects and environmental education activities; USD 0.11 million from dissemination of project information (website, maintenance of environmental information and knowledge management system, social media); as well as USD 0.212 million in kind contribution to cover costs of the use of the Centre’s premises for project purposes. In particular, the Centre will co-finance and will be responsible for the implementation of the awareness and capacity building programme at all levels to effectively deliver climate risk information and training to communities and local first-responders.

USD 1.3 million - the cost of purchase and installation of 1 (one) meteorological radar in Poti city by Ltd. SAKAERONAVIGATSIA;

USD 1.3 million - the cost of purchase and installation of 1 (one) meteorological radar Kartli region by "STC DELTA"

We would like to thank the GCF and UNDP for the continued support in addressing current and future climate challenges in Georgia.

Sincerely,

Deputy Minister

Ekaterine Grigalava
### Annex 1

**National Environmental Agency - co-financing**

#### Table 1: Equipment Operation and Maintenance (O&M) costs for 20 years in thousand USD

<table>
<thead>
<tr>
<th>Activities</th>
<th>year 1</th>
<th>year 2</th>
<th>year 3</th>
<th>year 4</th>
<th>year 5</th>
<th>year 6</th>
<th>year 7</th>
<th>year 8</th>
<th>year 9</th>
<th>year 10</th>
<th>year 11</th>
<th>year 12</th>
<th>year 13</th>
<th>year 14</th>
<th>year 15</th>
<th>year 16</th>
<th>year 17</th>
<th>year 18</th>
<th>year 19</th>
<th>year 20</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>The cost for 2 upper air sounding stations supplies with radiosondes and latex membranes</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>3,400</td>
<td></td>
</tr>
<tr>
<td>5 big and 4 mini meteorological radars operations and maintenance (O&amp;M) cost per year including staff salaries</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
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<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>720</td>
<td>14,400</td>
<td></td>
</tr>
<tr>
<td>The O&amp;M costs for purchased standard and specialized (meteorological, agro-meteorological, road meteorological, upper air sounding) stations and posts</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
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<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>800</td>
<td></td>
</tr>
<tr>
<td>The cost for spare parts (sensors, filters, etc.) of the observation equipment; the total cost for 20 years operations and maintenance is USD 0.9 million</td>
<td>20</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>60</td>
<td>60</td>
<td>60</td>
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<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>920</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The O&amp;M cost for purchased telecommunication equipment and the costs for the data transfer on national and international levels and corresponding salaries</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
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<td>72</td>
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<td>72</td>
<td>72</td>
<td>72</td>
<td>1,440</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The total cost for Geological data processing and reporting, including cadaster and geological hazard and geological monitoring costs</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
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<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>2,200</td>
<td></td>
</tr>
<tr>
<td><strong>Total (table 1)</strong></td>
<td><strong>1,132</strong></td>
<td><strong>1,132</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
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<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>1,147</strong></td>
<td><strong>23,160</strong></td>
</tr>
</tbody>
</table>

#### Table 2: Data management and EWS operation costs for 20 years in thousand USD

<table>
<thead>
<tr>
<th>Activities</th>
<th>year 1</th>
<th>year 2</th>
<th>year 3</th>
<th>year 4</th>
<th>year 5</th>
<th>year 6</th>
<th>year 7</th>
<th>year 8</th>
<th>year 9</th>
<th>year 10</th>
<th>year 11</th>
<th>year 12</th>
<th>year 13</th>
<th>year 14</th>
<th>year 15</th>
<th>year 16</th>
<th>year 17</th>
<th>year 18</th>
<th>year 19</th>
<th>year 20</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>The cost for creation of the early warnings related to the disasters connected with weather and water including staff salaries</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td>The cost of hydro-meteorological hazards and risk zones periodic assessment, detection and mapping including the staff remuneration</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>1,440</td>
<td></td>
</tr>
<tr>
<td>The total cost for Geological data processing and reporting, including cadaster and geological hazard and risk zoning maps periodic updating including the staff remuneration</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
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<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>72</td>
<td>1,440</td>
<td></td>
</tr>
<tr>
<td><strong>Total (table 2)</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
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<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>294</strong></td>
<td><strong>5,880</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Total (table 1 and table 2)**                                          | **1,426** | **1,426** | **1,441** | **1,441** | **1,441** | **1,441** | **1,441** | **1,441** | **1,441** | **1,441** | **1,441** | **1,441** | **1,466** | **1,466** | **1,466** | **1,466** | **1,466** | **1,466** | **1,466** | **29,040** |
To: Mr. Niels Scott  
UN Resident Coordinator/ UNDP Resident Representative in Georgia

Subject: a letter of commitment for the implementation, co-financing and Operation and Maintenance (O&M) for GCF supported project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”

Your Excellency,

The Ministry of Agriculture of Georgia (MoA) presents its compliments to the UN/ Resident coordinator and UNDP country office representation in Georgia and expresses sincere gratitude for fruitful cooperation on number of projects in Georgia.

Georgia’s agricultural sector plays a key role in the country’s economy. Georgian farmers are going to fulfill a principal role in providing one of the fundamental needs of society: a safe, secure, and affordable food supply. This underlines the importance of the relationship between climate change impacts on agriculture and food security. During last decades negative consequences of climate change have drastically reduced agricultural productivity.

Increasing frequency of natural hazards, makes overall adaptation to climate change in agriculture a priority on national level, focused on developing relevant Climate Smart Agriculture and Disaster Risk Reduction measures.

Establishment of early warning system is vitally important for us. In its Intended Nationally Determined contribution/INDC (in frames of UNFCCC Paris Agreement), Georgia declared that “For the adaptation of agricultural sector to the expected climate change, wide range of measures are planned. Those include, but are not limited to the following: (a) research and development of emergency response plans for agriculture dealing with droughts, floods, etc....”.
With this letter, we would like to confirm that the Ministry of Agriculture will be actively involved in implementation of the proposed project and will provide total of **USD 2.4 million** co-financing.

**USD 2.4 million** - O&M costs including salaries for 15 agrometeorological stations to be purchased in frames of proposed project (for 20 years)

We would like to thank the GCF and UNDP for the continued support in addressing current and future climate challenges in Georgia.

Sincerely Yours,

Revaz Asatiani
Deputy Minister

[Signature]
საქართველოს ახალგაზრდულობის ოფისი

საქართველოს ოფისის ლიცენზირებული დაწესებით საგარემო საქართველოს გადახვევის ოფისი გაერთიანებას ხდება საქართველოს, საქართველოს გარემოს დასაწყისი, ნომირები, ლიცენზირები, მიკროordinated და ჟურნალური გზით დანიშვნები გადახვევის პროგრამა 2018-2023 წლებში.

1) პროგრამის ფანჯარით დაგეგმილი მონაცემები დაგეგმილობული გამოყენების გარემოს მონაცემებში 13 151 600 ლარი მოლათი ან ამინდოებთან მიმართ 13 151 600 ლარი მოლათი

2) 100 წელიანი ლიცენზია (შექმნა) პროგრამის ფანჯარით დაგეგმილი თავმჯობის პროგრამა პროგრამა 13 151 600 ლარი მოლათი ან ამინდოებთან მიმართ 13 151 600 ლარი მოლათი

3) გარემოს გადახურების პროგრამის მიმდევრთა საცდომო კონკურსი გადახვევის პროგრამა 13 151 600 ლარი მოლათი ან ამინდოებთან მიმართ 13 151 600 ლარი მოლათი.
4) მიერ (მ) პატივგზავნის სამუშაოებთან მიულ წესით ნაცვლად შეიძლება მარადან სამუშაოებთან შეთანხმებით - 10 000 000 ლ. ყოფილათ.

- მიღებულ ყველა შეთანხმების ფინანსური ფონის შეტანა 8 000 000 ლ. ყოფილათ;
- მიღებულ ფინანსურ შეთანხმებში განაცხადება ამოჭისთვის და ხდომის შეხედვით 500 000 ლ. ყოფილათ;
- მიღებულ ყველა შეთანხმებში ჩართვის შეტანა შეხედვით 1 000 000 ლ. ყოფილათ;
- მიღებულ ფინანსურ შეთანხმებში განაცხადება ხდომისთვის 500 000 ლ. ყოფილათ.

წარსულობებისთვის,

[ი. თაყვანსების მიხედავი თარგიანი შემდეგ. მიღებულ ფინანსურ შეთანხმებში (ყველა შეტანა) ჩართვის შეტანა შეხედვით.]

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[ტექსტის შედეგში როდისობრივი შესვლა.

[ფოტოს ჩახედვა მონაცემთa აღწერა.
To: Ekaterine Grigalava  
Deputy Minister  
Ministry of Environment and Natural Resources Protection  

Dear Mrs. Ekaterine,

Acknowledging the importance of effective emergency management caused by the natural disasters, and reduction of their consequences for Georgia and in particular Tbilisi, we express our readiness to support in implementation of the 6 year project (2018-2023): “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia” to be funded by the Green Climate Fund.

Our contribution in the project will be limited to the activities given below with the total co-financing of USD 13,151,600 (thirteen million one hundred fifty one thousand and six hundred):

1. Logistical and technical support for the activities to be implemented in Tbilisi under the project – USD 51,600:
   - Provide venues for the workshops and meetings related to disaster hazard and risk management activities in Tbilisi planned under the project – USD 30,000
   - Provide work space for national and international experts recruited under the project to provide Tbilisi city hall with technical expertise – USD 21,600

2. Activities being implemented under 100 Resilient Cities project aimed to provide Tbilisi city hall with technical support in the field of the emergency management and development of the emergency management plan for the capital – USD 1,000,000.

3. Implement part of the recommendations from the 2015 Tbilisi Disasters Damage and Needs Assessment report by the Environment and Landscaping Department of the Tbilisi City hall (e.g. relocation of the Tbilisi Zoo from river Vere valley and forestation of the territory) – USD 2,100,000.

4. Annual riverbank protection measures to be implemented by the Municipal Amenities Department – USD 10,000,000:
   - Widening of river Vere riverbed – USD 8,000,000
   - Construction of bank retaining wall and bridge on river Gldanula – USD 500,000
   - Construction of debris flow fences in river Vere valley – USD 1,000,000
   - Cleaning of river Dighmula riverbed – USD 500,000

Sincerely,

Giga Nikoleishvili  
First Deputy (Vice) Mayor of Tbilisi Municipality City hall
To: Shombi Sharp  
Deputy Resident Representative  
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Abasha fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Abasha communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Abasha confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under the mentioned projects in Rioni Gaghma Kodori, Rioni Narionali/Guleikari/ and Tskhenistskali Gautskinari, Abasha Municipality. Please, be informed that in case the flood defense structures are constructed, the Municipality of Abasha will be allocating US$ 321,686 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Abasha.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely,

Head of Municipality of Abasha  

/M. kvitashvili/
Dear Mr. Sharp,

The Municipality of Akhmeta fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Akhmeta communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Akhmeta confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under mentioned project in Khodasheniskhevi, Akhmeta Municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Akhmeta will be allocating US$ 906,646 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Akhmeta.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.
Sincerely,

The acting governor of Akhmeta municipality

Vano Naskidashvili
To Shombi Sharp
Deputy Resident Representative
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Gori fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Gori communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Gori confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under the mentioned project in Liakhvi, Gori Municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Gori will be allocating US$ 44 490 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Gori.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely yours,

David Oniashvili
The Head of the Board of Gori Municipality
Dear Mr. Sharp,

The Municipality of Khobi fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Khobi communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Khobi confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under mentioned project in Rioni Patara Poti/Shavgele/ and Rioni Sagvichio, Khobi municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Khobi will be allocating US$ 643,373 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Khobi.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely,

Acting of Governor of Khobi municipality

Varaz G Abedava
To: Shombi Sharp  
Deputy Resident Representative  
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Samtredia fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Samtredia communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Samtredia confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under the mentioned project in Rioni Vazisubani, Samtredia Municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Samtredia will be allocating US$ 86,608 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Samtredia.
We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely,

[Signature]

Valeurian Fockhvire
Mayor of Samtredia Municipality
To: Shombi Sharp  
Deputy Resident Representative  
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Senakifully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Senaki communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Senaki confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under mentioned project in Siriachkoni, Senaki municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Senaki will be allocating US$ 123,725 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Senaki.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely,

First deputy governor of senaki municipality  
Alternate governor  

First deputy governor of senaki municipality  
Alternate governor
To: Shombi Sharp
Deputy Resident Representative
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Sighnaghi fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Sighnaghi communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Sighnaghi confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under the mentioned project in Alazani Milari/Anaga/, Sighnaghi Municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Sighnaghi will be allocating US$ 98,980 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Sighnaghi.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely,

[Signature]

დავით ჯანიკაშვილი
To: Shombi Sharp
Deputy Resident Representative
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Kobuleti fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Kobuleti communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Kobuleti confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under mentioned project on Achkva River, Kobuleti. Please, be informed that in case the flood defense structure is constructed, the Municipality of Kobuleti will be allocating US$ 337,046 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely,

[Signature]

სულხან ევგენიძე
გამგებელ ხელმძღვანელობა
2700, 1, Saburtalo, 26, Saburtalo, N25, Tel: (354) 22 30 20, lag_geoba@lag_gamgeoba@yahoo.com
25, 26 Maisi St, Lagodekhi 2700, Georgia T: (354) 22 30 20, E-mail: lag_geoba@lag_gamgeoba@yahoo.com

No 956

18. 05 2017

To: Shombi Sharp
Deputy Resident Representative
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Lagodekhi fully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Lagodekhi communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Lagodekhi confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under the mentioned project in Lagodekhi, Lagodekhi Municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Lagodekhi will be allocating US$ 74 235 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Lagodekhi.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate induced disaster risks.

Sincerely,

Head of Lagodekhi Municipality: [Signature]

Karlo Jamburia
Dear Mr. Scott,

With this letter the Regional Office of the Swiss Agency for Development and Cooperation (SDC) in the South Caucasus would like to indicate its strong interest to partner with UNDP Country Office in Georgia under the proposed Green Climate Fund project: **Scaling-up Multi-Hazard Early Warning System (MHEWS) and the Use of Climate Information in Georgia** considering its importance to increase the resilience of the Georgian people, their assets and critical infrastructure to climate-induced disaster risks.

SDC’s commitment to climate change adaptation has been outlined in the Swiss Cooperation Strategy South Caucasus 2017-2020, and extensive exchanges with your office during the past few months highlighted that our positions converge on the issues of enhanced hazard and risk knowledge and related actions, effective national regulations, policies and technical guidance for the establishment of a Multi-hazard Early Warning System and overall climate risk management in Georgia.

In view of this and as discussed, we are pleased to confirm that our office will submit a proposal for partnership to our headquarters in Switzerland, in the form of a proposed co-financing in the total amount of US$ 5'000'000 for the envisaged GCF project over the period 2018-2025. The proposal will be considered by SDC Board of Directors on September 21, 2017.

For indicative purpose, SDC funding would be used in the following areas:

1. Setting up institutional and legal frameworks for the hazard mapping system (as part of the MHEWS) – US$ 800'000
2. Embarking on hazard mapping for climate-induced hazards – US$ 3'200'000
3. Undertaking related capacity-building of the Georgian institutions, including technical advisory services and trainings – US$600'000
4. Guidance and advisory services for multi-hazard risk management planning, including municipal-level multi-hazard response and preparedness plans – US$400'000

Pending our Board’s approval, you will understand that this letter cannot be considered as an SDC commitment at this stage. However, it reflects the strong support of this office for the envisaged GCF project, with our hope that once again we will be in a position to join our efforts and partner in this important endeavor.

Yours sincerely,

Olivier Bürki
Regional Director
Swiss Cooperation Office for the South Caucasus
Georgia
To: Mr. Niels Scott, UN Resident Coordinator in Georgia, UNDP Resident Representative

UN House, 9 Eristavi Street, Tbilisi 0179 Georgia

Dear Mr. Scott,

With this letter, the Georgian Co-Investment Fund would like to express its appreciation for UNDP’s work in Georgia under the framework of the Adaptation Fund/UNDP project ‘Developing Climate Resilient Flood and Flash Flood Management Practices to Protect Vulnerable Communities of Georgia’. While this project addressed flood risk management challenges in Rioni river basin and increased resilience of local population to climatic risks, it also created enabling environment for private investment by introducing climate resilient economic practices and adaptation measures for better investment planning. This Flood Risk Management Project in the Rioni River Basin, has enabled us to access complete, credible and up-to-date information necessary for the proper assessment of feasibility and environmental impact of two of our projects: Oni Cascade of HPPs and Tskhenistskali Cascade of HPPs.

The Georgian Co-Investment Fund is the largest private investment fund in Georgia. Our current portfolio includes investment projects across Georgia in the areas of energy and infrastructure, manufacturing, agriculture and logistics, hospitality and real estate. We are very interested in an enhanced access and quality of climate information in order to secure resilient design, implementation and maintenance of these projects. Therefore, the Georgian Co-Investment Fund is very much interested to partner with UNDP Country Office in Georgia under the proposed Green Climate Fund project: Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia, given its importance for increasing the resilience of Georgian people, their assets and critical infrastructure to climate induced disaster risks.

Based on the consultations our offices had during past few months we hereby confirm our interest to engage into further consultations on the design of the Multi-Hazard Early Warning System in Georgia and to utilize climate risk information to be generated by this project.

Once again, let us express our esteem and appreciation for UNDP’s work in Georgia and look forward to the expansion of the project to the rest of the country.

Sincerely,

Thea Jokhadze

Managing Director, Finance and Risk
To: Mr. Niels Scott  
UN Resident Coordinator/ UNDP Resident Representative in Georgia

Dear Mr. Scott,

The Ministry of Internal Affairs of Georgia presents its compliments to the UN/ Resident Coordinator and the UNDP Country Office in Georgia and expresses sincere gratitude for fruitful cooperation on number of projects in Georgia.

Taking into account the importance of effective management of climate-induced emergency situations and related risk reduction measures for Georgia, the Ministry of Internal Affairs confirms its full readiness and interest to participate in the UNDP-implemented and GCF-supported project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia” as the project will address stressing need of our country to establish modern systems for forecasting and early warning of climate-induced hazards. This decision was preceded by extensive consultation process with the project development team and mutual understanding of the problem to be addressed.

In response to your letter from 15 September 2017 concerning suggestions on the format of the co-financing figures from the MIA for the “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia” project, please find below the breakdown of the MIA’s total co-financing (US$16,537,694) per specific project activities for the period of 2018-2024:

1. Activity 2.2: Development and implementation of the MHEWS covering all Georgia, building on the Rioni basin prototype and on the expanded hydrometric network to be achieved through activity 2.2. sub-activity 2.2.10 Design and implementation of the “Last-Mile” warning dissemination and communication system;

   **Subtotal: US$16,440,417** - as a contribution from the Joint Operations Center, including procurement of services for the fiber-optic network for CCTV/video surveillance in 3,000 locations in Georgia, and operational and maintenance costs of this network:

2. Activity 1.4 A centralized multi-hazard disaster risk information and knowledge system, based on the output of DRR project MHRA methodology:

   **Subtotal: US$63,272** – as contribution from Emergency Management Agency/MIA, including for the meta-data management and related personnel costs; management of multi-hazard early warning system and related personnel costs; and procurement of data management equipment, specialized computer programmes /software for integration in the MHEWS.
3. Activity 3.2 Public awareness and capacity building programme at all levels to effectively deliver climate risk information and training to communities and local first-responders

**Subtotal: US$34,005** – as a contribution from Emergency Management Agency/MIA, for annual capacity building/trainings for local self-governance authorities.

**Total: US$16,537,694**

The Ministry strongly believes that due to Georgia’s high vulnerability to climate change and climate-induced hazards, the proposed project, when implemented, will assist Georgian government to reduce climatic risks, significantly improve forecasting and early warning system and increase resilience of its population and infrastructure. We confirm our readiness for full participation in the implementation process.

Once again, it is my pleasure to present my compliments to you and the UNDP Country Office in Georgia.

Sincerely,

Shalva Khutsishvili
Deputy Minister of Internal Affairs
To: Shombi Sharp  
Deputy Resident Representative  
United Nations Development Programme in Georgia

Dear Mr. Sharp,

The Municipality of Telavifully supports the proposed GCF funded project “Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia”. It should be noted that due to increased climate-induced natural hazards like floods, flashfloods and landslides people living in the municipality as well as the local economy and infrastructure are becoming more vulnerable.

The proposed project will assist to design and implement structural and non-structural intervention measures that would significantly reduce the climate risks and reduce vulnerability of Telavi communities to climate change. Our Municipality has been duly informed and involved in the project development consultations on the proposed project activities.

The Municipality of Telavi confirms its readiness to ensure maintenance and operation of structural risk reduction measures planned under mentioned project in Telaviskhevi, Telavi Municipality. Please, be informed that in case the flood defense structure is constructed, the Municipality of Telavi will be allocating US$ 510,183 through its budgetary resources for 20 years maintenance of this structure as per the Operation and Maintenance Plan submitted with the GCF proposal. We also confirm our support to the proposed community-based disaster risk management measures including community-based Early Warning System and will facilitate implementation and monitoring over these activities in Telavi.

We look forward to the implementation of the GCF-funded project to expand implementation of structural and non-structural intervention measures for reducing climate-induced disaster risks.

Sincerely,

Mayor of city Telavi  
Platon Kalmakhelidze