

## Monitoring & Evaluation (M&E) Plan and Impact Statement

### Template

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#### Objective of the M&E Plan and Impact Statement:

- The M&E Plan and Impact Statement must be designed based on the Technical Assistance Response Plan and must enable the Implementer to complete the Closure Report at the end of the assistance.

#### Process for filling in the template:

- The Implementer must identify relevant quantitative and qualitative indicators as specified in the Closure Report. A sub-set of indicators to monitor and assess must be chosen among these.
  - The Implementer may also identify other specific, measurable, achievable, relevant, and time-bound indicators suitable to monitor Activities, Outputs and anticipated Outcomes from the technical assistance and add to the M&E Plan and Impact Statement.
  - During implementation of the TA or FTA, the Implementer must collect all relevant data as described in the Monitoring & Evaluation Plan. Aggregated data on selected indicators as well as an updated version of the Impact Statement will be presented in the Closure Report at the end of the assistance.
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Basic Information	
Title of response plan	<b>Building up integrated monitoring and early warning forest fires detection system in the Borjomi - Kharagauli National Park by innovative remote sensing tools, in Georgia</b>
Technical assistance reference number	<b>RFP No. 3100005138</b>
Country/ countries	<b>Georgia</b>
NDE focal point and organization	Ministry of Environmental Protection and Agriculture Agency for Protected Areas
Sector(s) addressed	<b>Fire prevention</b>
Technologies supported	<u>An integrated monitoring and early warning forest fires detection system</u>
Implementation period and total duration	<b>18 months</b>
Total budget for implementation	<b>USD 248,440</b>
Designer of the response plan	Agency Protected Area of Georgia (APA)
Implementer of response plan	<b>International Business and Economic development Center - IBEDC</b>

(A) Outputs and Activities as described in the Response Plan	(B) Indicator	(C) Expected results	(D) Method and frequency for data collection	(F) Comments
Output 1: Contextualize, map the stakeholders, analyze current practices used in Borjomi – Kharagauli National Park to monitor forest fires.				
Activity 1.1 Map stakeholders	Core indicator 3 <sup>1</sup> Stakeholder Working Group (SWG) established. Anticipated number of direct and indirect beneficiaries as a result of the TA	Approx. 11 stakeholders identified through stakeholder mapping. 1 x SWG with up to 11 participants (gender balanced).	Survey to define the stakeholders. Headcount during the meetings of the Stakeholders’ Committee  - <i>Stakeholder Mapping Report (Containing a complete stakeholder list, and a description of the SWG - including name, position, institution, gender and role of each member).</i> - <i>TA Closure Report</i>	The availability of public bodies to appoint representatives in the Stakeholders’ Committee was seen as a challenge.  Both the service provider and the Beneficiary of the services, i.e. APA, worked together to identify the stakeholders, get in touch with them and make sure they appoint representatives in the SWG.  The stakeholder working group should be well balanced and fully representative of the whole region affected by the project.
Activity 1.2: Organize an inception meeting	Anticipated number of direct and indirect beneficiaries because of the TA Total number of events organized by proponents and implementing partners Number of participants in events	1 x Inception Meeting with ≥20 Participants: From stakeholder groups including government, private sector, civil society, academic sector, NGOs, farmers, academia, private	Headcount during the inception meeting Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	Invitations to be sent and a list of participants drafted and signed by the attendees.

<sup>1</sup> Core indicator 3 - Anticipated number of direct and indirect beneficiaries as a result of CTCN TA (disaggregated by direct, indirect, mitigation, adaptation)

		sector, farming cooperatives, gender & youth associations		
Activity 1.3: Develop a risk assessment of forest fires procedures and technologies used in Borjomi - Kharagauli National Park	<ul style="list-style-type: none"> <li>- Relevant threat and hazard information generated and disseminated to stakeholders on a timely basis.</li> <li>- The probability of risks (ranked from 1-5 in which 5 is the higher)</li> <li>- Significance of the risk (Low, Moderate or High)</li> </ul>	<p>1 report</p> <p>The deliverable is a report identifying relevant threats, the probability of occurrence and the expected intensity of impact.</p>	<p>Documentary study</p> <p>Ranking of identified risks.</p>	<p>Contribution of stakeholders to the identification of relevant available documents such as statistics, studies, maps, reports.</p>
Activity 1.4: Organize an in - person meeting with the stakeholder working group to present the results of the risk assessment	<ul style="list-style-type: none"> <li>- No of documents shared by the stakeholders, related to the procedures, mechanisms, technologies used to control forest fires in the park.</li> </ul>	<p>15 is the expected number of persons participating in the meeting including the 11 members of SWG and experts</p> <p>Regarding the documents, following results shall be provided:</p> <ul style="list-style-type: none"> <li>-List of documents</li> <li>-Links to public documents</li> <li>-Archive of documents that are not public and are provided by the members of the SWG</li> </ul>	<p>Presentation of the findings in front of the stakeholders</p> <p>Incorporation of feedback into the final deliverable</p>	<p>Availability of appointed persons and interest in the topic are crucial for the success of the meeting.</p>
Output 2: Benchmark, select and design of the integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park				
Activity 2.1: Benchmark existing integrated monitoring and early warning	No. of tools and guidelines developed (thematic, sectoral, institutional) and shared with relevant	<p>1 report</p> <p>The result is a report on relevant integrated</p>	<p>Desk research and analysis of relevant integrated monitoring and early warning forest fires detection</p>	<p>One challenge is access to detailed data related to operating costs of the benchmarked</p>

forest fires detection technologies.	stakeholders	monitoring and early warning forest fires detection technologies	technologies	systems.
Activity 2.2: Organize a prioritization meeting with the stakeholder working group	No of solutions presented to the SWG members to prioritize the solutions	11 people attending the meeting Expected number of people attending the meeting	Head counting at the meeting Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	Availability of appointed persons and interest in the topic are crucial for the success of the meeting.
Activity 2.3: Design the integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park	Assets produced, developed, improved, or strengthened	1 fire monitoring and detection system technical design document  System architecture resulting from the prioritization of solutions and further development of the best option	Design the system based on a multi-criteria analysis for selection and prioritizing key technologies	Main challenge: designing a solution that can be developed into a pilot project with the existing financial resources within the project.
Activity 2.4 Organize a stakeholder meeting to introduce the draft architecture of the integrated monitoring and early warning forest fires detection system to be used in Borjomi - Kharagauli National Park	Core indicator 3	11 people  Expected number of people attending the meeting	Head counting at the meeting  Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	Availability of appointed persons and interest in the topic are crucial for the success of the meeting.

Activity 2.5 Establish a detailed cost analysis of the system	Assets produced, developed, improved, or strengthened	1 cost – benefit analysis	Cost-benefit analysis to assess too financial and nonfinancial cost and socio-economic and environmental benefits of prioritized technologies	Main challenge: access to relevant data.
Output 3: Develop and test the system in one specific area of the National Park				
Activity 3.1: Organize a workshop to select the area in which the pilot will be implemented	Core indicator 3	15 people  Expected number of people attending the workshop including the 11 members of SWG and experts	Head counting at the meeting  Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	Availability of appointed persons and interest in the topic are crucial for the success of the meeting.
Activity 3.2: Implement the integrated monitoring and early warning forest fires detection system in the selected location	Assets produced, developed, improved, or strengthened	1 monitoring system implemented	Services and works contract for the physical development of the chosen solution and the software part	Main challenge: the costs of the pilot project not to exceed the existing financial resources within the project.
Activity 3.3: Internal test the system by the implementer	Assets produced, developed, improved, or strengthened	1 test report	Field activities Testing with the contractor representatives and the experts	Main challenge: the remote location.
Activity 3.4 Train the future users and administrators of the system during a 2-day workshops held onsite	Core indicator 3	25 people  Expected number of people attending the meeting.	Head counting at the meeting  Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	Interest and availability of future users and administrators of the system to participate to the training session is very important.
Output 4: Define a standard operation procedure for an efficient use of the designed integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park				
Activity 4.1 Define a draft standard operation procedure for an	No. of tools and guidelines developed (thematic, sectoral, institutional) and	1 standard operation procedure draft	Procedure development	Main challenge: to produce a clear and efficient set of procedures.

efficient use of the designed integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park	shared with relevant stakeholders			
Activity 4.2 Conduct an official review workshop	Core indicator 3	25 people  Number of people attending the workshop, including the SWG members and experts of the service provider	Head counting at the meeting  Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	Availability of appointed persons and interest in the topic are crucial for the success of the meeting.
Activity 4.3 Incorporate comments and develop second draft of the procedures	No. of tools and guidelines developed (thematic, sectoral, institutional) and shared with relevant stakeholders	1 report on stakeholders' feedback	Questionnaire and interviews with the stakeholders Incorporation of feedback into the deliverable	Availability of stakeholders to provide input and comments is crucial.
Activity 4.4 Incorporate comments and develop final drafts of the procedures	No. of tools and guidelines developed (thematic, sectoral, institutional) and shared with relevant stakeholders	1 final version of the procedure	Recirculation of the 2 <sup>nd</sup> draft for review to the stakeholders	Availability of stakeholders to provide input and comments is crucial.
<b>Output 5: Dissemination modules and training of trainers</b>				
Activity 5.1 Elaborate dissemination modules to demonstrate the advantages of integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park	No. of targeted institutions with increased capacity to minimize exposure to climate variability risks	1 report on the dissemination activity	PowerPoint presentations Modules in English and Georgian highlighting the benefits of the fire forest detection and early warning system	The main challenge is to produce materials with clear and relevant information.
Activity 5.2 Organize a	Core indicator 3	25 people	Head counting at the meeting	Availability of appointed persons

workshop with national officers of the Ministry of Environmental Protection and Agriculture and the Agency of Protected Area of Georgia		Expected number of people attending the workshop	Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	and interest in the topic are crucial for the success of the meeting.
Activity 5.3 Organize a stakeholder engagement workshop with finance agencies	Core indicator 3	25 people Expected number of people attending the meeting	Head counting at the meeting Meeting Report with list of participants (including name, position, institution, gender, and role of each member). - TA Closure Report	Availability of appointed persons and interest in the topic are crucial for the success of the meeting.
Activity 5.4 Redact a concept note	Core indicator 4 <sup>2</sup>	1 concept note	Identification of possible financial sources for multiplication of the system Drafting the concept note / the application if call for projects is open	The main problem might be the lack of a funding opportunity at the time of the end of the project.

*Note: The information in the table below will be used by the CTCN for public communication of the achieved and expected results of the Technical Assistance through the CTCN website [www.ctc-n.org](http://www.ctc-n.org) and other communication channels. See for example: [https://www.ctc-n.org/sites/www.ctc-n.org/files/benin\\_a\\_ag\\_forestry.final\\_.pdf](https://www.ctc-n.org/sites/www.ctc-n.org/files/benin_a_ag_forestry.final_.pdf)*

Impact Statement	
Challenge	Among the targets of the National Determined Contributions of Georgia to the achievement of the objectives of the Paris Agreement is to study the most vulnerable areas of forest lands in some preselected territories. The Borjomi – Kharagauli National Park is an important national natural reserve which was affected by a massive wildfire in the summer of 2017 which lasted over a month. The main challenge of the TA is to provide a viable remote solution to monitor, detect and raise alarm on forest fires while complying with the financial limitations of the provided support.
CTCN assistance	The CTCN assistance covers: <ul style="list-style-type: none"> <li>- Benchmarking existing integrated monitoring and early warning forest fires detection technologies and prioritization of one technology for the pilot project</li> </ul>

<sup>2</sup> Core indicator 4 - Amount of funding/investment leveraged (USD) because of TA (disaggregated by public, private, national, and international sources, as well as between anticipated/confirmed funding)

	<ul style="list-style-type: none"> <li>- Design the integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park and the implementation of a pilot project.</li> <li>- Defining a draft standard operation procedure for an efficient use of the designed integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park</li> <li>- Development of a concept note meant to support the application for further funding to extend the system in other areas of the National Park.</li> </ul>
Anticipated impact	<ul style="list-style-type: none"> <li>- The implementation of the pilot project of a forest fire detection and early warning system will contribute to increase adaptation and climate change risk related reduction in the target area.</li> <li>- As far as Core indicator 3 is concerned, there are about 174,055 direct and indirect beneficiaries, consisting of the 174,015 inhabitants in the target area according to last statistical data available and 40 people that will be actively involved in project activities, including representatives of the institutional stakeholders and future users and administrators of the system.</li> <li>- It is estimated that at least 5 institutions will have increased capacity by the end of the project to mitigate risks determined by forest fires, including:             <ul style="list-style-type: none"> <li>o Borjomi-Kharagauli National Park of the Agency for Protected Areas (APA)</li> <li>o <i>Department of Biodiversity and Forestry of Ministry of Environmental Protection and Agriculture of Georgia</i></li> <li>o <i>LEPL National Forestry Agency.</i></li> <li>o <i>Ministry of Internal Affairs Emergency Management Service.</i></li> <li>o <i>Adigeni Municipality</i></li> </ul> </li> </ul>
Anticipated co-benefits from the TA	<p>It is expected that the project will enable a better management of the Borjomi Kharagauli National Park Administration, which is a protected area. This will protect the ecosystems and biodiversity of the National Park.</p> <p>The early warning and integrated monitoring systems will also establish procedures to inform the populations leaving closed by and define an evacuation plan.</p> <p>Finally, it is expected that the early warning system will enable to manage future forest fires more efficiently and avoid the destruction of future forest lands, as well as the emissions of unexpected GHG emissions which result from forest fires.</p>
Gender aspects of the TA	<p>Each workshop and meeting will have gender disaggregated data to evaluate equal gender participation. During workshops, capacity building about gender mainstreaming in the TA will be held with the support of the gender expert that is part of the team.</p> <p>Considering that the project area is a mountainous area, other disadvantaged groups will have better living conditions, that is people in remote communities and people working under harsh conditions such as the shepherds.</p> <p>At the level of the project team there will be equal opportunities for both</p>



	<p>women and men based strictly on their professional expertise. Both the TA applicant and the service provider have strict policies for gender equality and equal treatment.</p>
<p>Anticipated contribution to NDC</p>	<p>Georgia's Updated Nationally Determined Contribution (NDC) is a national policy document of Georgia for the period of 2021-2030. Its main goal is to support the sustainable and balanced development of the country, equally taking into consideration climate change, environmental and socio-economic challenges.</p> <p>The implementation of a fire forest prevention and early warning system will initially cover around 5 502.00 ha of the Borjomi – Kharagauli National Park, followed by the identification of additional financial resources for scaling up the system in other areas of the park. The project responds to the NDC's target of studying its adaptive capacity of different economic sectors to the negative effects of climate change, as well as to plan and implement the respective adaptation measures by mobilizing domestic and international resources for the sectors particularly vulnerable to climate change.</p>
<p>The narrative story</p>	<p>Georgia is a rich forested country (approximately 40% of area). The protected territory of Borjomi - Kharagauli is in a central part of the Caucasian throat and includes eastern part of the Lesser Caucasus mountains. It spans an area of 107 000 ha with a total length of 95 km from west to east and a width between 3 and 26 km.</p> <p>The problem the project aims to address is reducing the danger of uncontrolled forest fires upon the ecosystem of the protected target area. Short and long-term impacts on the specific values of the protected territories, especially natural fires, forest massif diseases caused by pests and climate change need special attention.</p> <p>Administration of the protected territories should maintain balance and, on the one hand, allow to develop the natural processes to identify environmental condition of the protected territories and, on the other hand, focus on those specific values the protection, conservation, and maintenance of which is the responsibility of the Agency of Protected Areas, project proponent of this Technical Assistance.</p>
<p>Contribution to SDGs</p>	<p>SDG11 - Make cities and human settlements inclusive, safe, resilient, and sustainable.</p> <p>The project will benchmark and design an integrated monitoring system with the objective to limit forest fires and reduce their impacts, to protect the biodiversity and ecosystems but also to protect the population leaving in the area.</p> <p>SDG13 - Take urgent action to combat climate change and its impacts.</p> <p>The project contributes to the following sub-sustainable development goals:</p> <ul style="list-style-type: none"> <li>- SDG13.1. - Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries: Forest fires increase the probability of heavy rains and extreme weather events. The integrated monitoring system should, once implemented, enable a better management of the forest, and limit the occurrence of forest fires.</li> <li>- SDG13.2. - Integrate climate change measures into national policies, strategies, and planning by establishing a procedure guide to describe the succession of events that should be put in place in case of forest fires.</li> <li>- hat should be put in place in case of forest fires.</li> <li>- SDG13.3. b - Promote mechanisms for raising capacity for effective climate change-related planning and management in least</li> </ul>

	<p>developed countries and small island developing States, including focusing on women, youth, and local and marginalized communities: the implemented system and the guidelines will support the improvement of living conditions of young people and women living in remote communities in the mountain area</p> <p>SDG15 - Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.</p> <p>The early warning system and integrated monitoring system will focus on the protection of the forest from fires in a protected area in Georgia.</p>
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### **Annex 1 Technical assistance data collection**

Please add quantitative and qualitative values for the indicators selected in the M&E plan and monitored throughout the technical assistance in the tables below. Indicators which have been monitored in addition to the proposed indicators below may be added at the end of table A. Non-relevant indicators should be left blank.

#### **A. Output and outcome indicators**

<b>Indicator</b>	<b>Quantitative value</b> <i>Numerals only; disaggregates must sum to the total</i>	<b>Qualitative description</b> <i>List the various elements corresponding to the quantitative value as well as timelines and responsible institutions</i>
Please note indicators below highlighted as <b>anticipated</b>		
Total number of events organized by proponents and implementing partners	15	<p>Inception meeting – M3</p> <p>In -person meeting with the stakeholder working group to present the results of the risk assessment – M3.</p> <p>Prioritization meeting with the stakeholder working group – M4.</p> <p>Stakeholder meeting to introduce the draft architecture of the integrated monitoring and early warning forest fires detection system to be used in Borjomi - Kharagauli National Park – M5</p> <p>Workshop to select the area in which the pilot will be implemented – M7.</p> <p>Official procedure guide review workshop – M16</p> <p>Workshop with national officers of the Ministry of Environmental Protection and Agriculture and the Agency of Protected Area of Georgia – M18</p>

		Stakeholder engagement workshop with finance agencies – M18 The responsibility for organizing the events belongs to the service provider, i.e. IBEDC with the support of the Agency for Protected Areas as Beneficiary of the TA:
Number of participants in events organized by proponents and implementing partners	<u>40</u>	
a) Number of men	28	<i>Participants will be mainly from Georgia.</i>
b) Number of women	12	<i>Participants will be mainly from Georgia.</i>
Number of climate technology RD&D related events	-	
Number of participants in climate technology RD&D events	-	
a) Number of men	-	
b) Number of women	-	
Number of trainings organized by proponents and implementing partners	1	<i>Train the future users and administrators of the system during a 2-day workshops held onsite – M17 – M18</i>
Number of participants in trainings organized by proponents and implementing partners	25	Participants will be from Georgia.
a) Number of men	<b>20</b>	
b) Number of women	<b>5</b>	
Total number of institutions trained	5	
a) Governmental (national or subnational)	<b>20</b>	Borjomi-Kharagauli National Park of the Agency for Protected Areas; Department of Biodiversity and Forestry of Ministry of Environmental Protection and Agriculture of Georgia; LEPL National Forestry Agency; Ministry of Internal Affairs Emergency Management Service and Adigeni Municipality.
b) Private sector (bank, corporation, etc.)	<b>3</b>	Private companies based in the target area
c) Nongovernmental (NGO, University, etc.)	<b>2</b>	CSO's based in the target area
Percentage of participants reporting satisfaction with CTCN training (from CTCN training feedback form)	<b>90%</b>	
Percentage of participants reporting increased knowledge, capacity and/or understanding because of CTCN training (from CTCN training feedback form)	<b>100 %</b>	
a) Percentage of men		
b) Percentage of women		
Total number of deliverables produced during the assistance (excluding mission, progress, and internal reports)	26	

<p>a) Number of communication materials, including news releases, newsletters, articles, presentations, social media postings, etc.</p>	<p><b>1</b></p>	<p><i>Visibility package consisting of:</i></p> <ul style="list-style-type: none"> <li>- PowerPoint of project presentation</li> <li>- press releases with the occasion of different events</li> <li>- social media content</li> </ul>
<p>b) Number of tools and technical documents strengthened, revised, or developed</p>	<p><b>1</b></p>	<p><i>D.2.3. Design of the integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park</i></p>
<p>c) Number of other information materials strengthened, revised, or created (For example training and workshop reports, Power Points, exercise docs etc.)</p>	<p><b>24</b></p>	<p>D.1.1 Stakeholder mapping report containing a complete stakeholder list.</p> <p>D.1.2.a. Inception meeting report with a list of participants disaggregated by gender.</p> <p>D.1.2.b. List of existing documents to be delivered by the stakeholders to the implementer with the entity responsible.</p> <p>D.1.3 Risk assessment of forest fires procedures and technologies used in Borjomi - Kharagauli National Park</p> <p>D.1.4.a. Stakeholder working group's report with a list of participants disaggregated by gender.</p> <p>D.1.4.b. List of recommendations and measures identified with the stakeholders to mitigate the identified risks.</p> <p>D.2.1.b. Report summarizing all components requested for each category</p> <p>D.2.1.c. Cost analysis overview of each system</p> <p>D.2.1.d. Draft prioritization of the most suitable method(s) for the use in Borjomi - Kharagauli National Park</p> <p>D.2.2.a. Prioritization meeting report.</p> <p>D.2.4.a. Report on the meeting during which the draft architecture of the designed integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park will be presented to the stakeholder working group.</p> <p>D.2.4.b. Second version of the draft circulated and discussed during a virtual meeting (if necessary)</p>

		<p>D.2.4.c. Final architecture of the integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park</p> <p>D.2.5.a. Detailed cost analysis of the designed integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park</p> <p>D.2.5.b. Report of the meeting</p> <p>D.3.1.a. Minute of the meeting with a list of participants disaggregated by gender</p> <p>D.3.1.b. Definition of the criteria used for the selection of the site and name of the location selected for the pilot.</p> <p>D.3.4.a. Minute of the workshop with a list of participants disaggregated by gender</p> <p>D.3.4.b. Materials developed for the workshop</p> <p>D.4.2: Review workshop report</p> <p>D.5.1: Dissemination module targeting the Ministry of Environmental Protection and Agriculture, and the Agency of Protected Area officers in English and Georgian</p> <p>D.5.2: Report of the workshop with Ministry of Environmental Protection and Agriculture, and the Agency of Protected Area officers</p> <p>D.5.3 Report of the workshop with financial sector</p> <p>D.5.4 Concept note to support access to finance for the implementation of the integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park</p>
Total number of policies, strategies, plans, laws, agreements, or regulations supported by the assistance	<b>1</b>	
a) Adaptation related	-	
b) Mitigation related	-	
c) Both adaptation- and mitigation related	<b>1</b>	<p><i>D.4.1: Draft standard operation procedure for an efficient use of the designed integrated monitoring and early warning forest fires detection system for the Borjomi - Kharagauli National Park</i></p>

		<i>D.4.3 Second draft of the procedure, compiled feedback, and comments on second draft of the procedures D.4.4: Final procedures</i>
<b>Anticipated</b> number of policies, strategies, plans, laws, agreements, or regulations proposed, adopted, or implemented because of the TA	N/A	
a) Adaptation related	-	<i>List the type of documents anticipated to be proposed, adopted, or implemented</i>
b) Mitigation related	-	<i>List the type of documents anticipated to be proposed, adopted, or implemented</i>
c) Both adaptation- and mitigation related	-	<i>List the type of documents anticipated to be proposed, adopted, or implemented</i>
<b>Anticipated</b> number of technologies transferred or deployed because of CTCN support	1	Integrated forest fire detection and early warning system  The system belongs to the following category according to CTCN taxonomy of climate sectors and technologies: Sector – Agriculture and Forestry Technology group - Terrestrial ecosystems management Technology – Forest fire control
<b>Anticipated</b> number of collaborations facilitated or enabled because of technical assistance	N/A	
a) Number of South-South collaborations		
b) Number of RD&D collaborations		
c) Number of private sector collaborations		
Number of countries with strengthened National System of Innovation because of CTCN support	1	<i>Georgia</i>
<b>Insert any additional indicators here.</b>	N/A	

## B. Core impact indicators

Please fill in the tables for anticipated impacts of the CTCN assistance. Every technical assistance should contribute to at least one of the indicators below. For guidance on how to report on core indicators see the [‘M&E Guidance Document for TA Implementers’](#).

Core indicator 3	Anticipated number of direct and indirect beneficiaries because of the TA	
	Quantitative value	Means of verification
Total beneficiaries	174,055	
Number of adaptation beneficiaries	-	
Number of mitigation beneficiaries	-	
Number of	174,055	<i>The figure represents the total population in the Borjomi –</i>

adaptation-and mitigation beneficiaries		<p><i>Kharagauli National Park according to the last available statistic information (174,015) and the 40 direct beneficiaries of the project consisting in the members of the stakeholders' working group and the trainees (future users and administrators of the implemented fire detection and early warning system).</i></p> <p>For the total population the verification means consist of statistical data.</p> <p>For the direct beneficiaries: lists of participants disaggregated by gender from the project events and training session.</p>
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Core indicator 4	Anticipated amount of funding/investment leveraged (USD) because of TA (disaggregated by public, private, national, and international sources, as well as between anticipated/confirmed funding)			
	Quantitative value confirmed in USD	Quantitative value anticipated in USD	Qualitative description <i>List the institutions, timelines, and description or title of the investment</i>	Methods <i>Describe methods used for quantification of funds leveraged</i>
Total funding	<i>Total number in USD (numerals only, no rounding or abbreviations)</i>	<i>Total number in USD (numerals only, no rounding or abbreviations)</i>		
Anticipated amount of public funding mobilised from national/domestic sources				
Anticipated amount of public funding mobilised from international/ regional sources		500,000	Not foreseeable for the time being. Research will be made during the project.	Funding application based on the concept note developed at the end of the project.
Anticipated amount of private funding mobilised from national/domestic sources				
Anticipated amount of private funds mobilised from international/regional sources				

