

# iCARE Innovation Fund

Satellite and AI-Driven Climate

Resilience Tool for Bhutan

# 1. Project Information

<b>Project Title:</b>	Satellite and AI-Driven Climate Resilience Tool for Bhutan
<b>Project Code:</b>	A-05177-.....
<b>Partner Organisation:</b>	<a href="#">Department of Disaster Management</a>
<b>Reporting Period:</b>	15th of December 2023- 14th of January 2024
<b>Date of Submission:</b>	31/01/2024
<b>Contact Name:</b>	<a href="#">Roxane Bandini-Maeder</a>
<b>Contact Position:</b>	CEO
<b>Contact Email Address:</b>	roxane@geoneon.com
<b>Contact Telephone Number:</b>	+61417052557
<b>Status of project progress in this reporting period</b>	<input type="checkbox"/> Significant delay <input checked="" type="checkbox"/> Delay <input type="checkbox"/> On Track
<b>Report sign Off</b>	<input checked="" type="checkbox"/> I have reviewed all the information provided for each section including number of beneficiaries. The information provided for each section of the report is complete.  Name: Roxane Bandini-Maeder                      Designation: CEO

## 2. Key Achievements

- **Finalisation of Contract Signature:** Successfully completed the contract signing process.
- **Delivery and Refinement of Inception Report:** Delivery of the Inception Report, followed by edits for alignment with project objectives.
- **Progress in Stakeholder Mapping Initiatives:** Made advancement in stakeholder mapping.
- **Forward Movement in Tool Design:** Progress in the development of the project's tool, ensuring it meets specified requirements and project goals.
- **Preparation and Publication of Press Release for Project Promotion:** Drafted and published a press release focused on elevating project awareness and facilitating wider advertisement and outreach efforts. It had reached more than 50 reactions on LinkedIn, 5 comments, 4 reposts and more than 2000 impressions.

### 3. Implementation Progress

Activity Title	Last Month Progress	Current Month Progress	Activities, and Events, planned for the subsequent month
Consultation between DDM and Geoneon to identify Key Stakeholders and engage with them via a letter of Engagement	Not started	Initiation of engagement with DDM. Initial planning stage for stakeholder mapping.	Stakeholder Map Stakeholder Identification
Development of consultation plan, feedback form, execution of beneficiaries consultation workshops and report outlining findings and data analysis of gender diversity attendance.	Not started	Not started	Consultation Plan drafted
Source existing data and analysis of data gaps and pipeline development.	Not started	Preliminary phase of brainstorming for tool design.	Advancement on tool design
Material Creation and Design	Not started	Not started	
Collecting feedback	Not started	Not started	
Development of consultation plan, feedback form, interviews, teaching material, execution of capacity enhancement workshops and report outlining findings and data analysis of gender diversity attendance	Not started	Not started	

Finalisation of tool	Not started	Not started	
Recommendation report	Not started	Not started	

## 4. Results Framework Indicators Progress

<b>PDO 1 Indicator Description:</b> Government agencies and Citizens who have access to climate-resilient solutions tested or access to the results of the climate resilient solutions under the project (Number)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Government Agencies	0	N/A	0	5
Male citizen	0	N/A	0	1000
Female citizen	0	N/A	0	1000
Date		15 Dec 2023	31 Jan 2024	
Comments	This will be reflected at the end of project			
<b>PDO 2 Indicator Description:</b> Number of people trained online prior testing test				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Participants	0	N/A	0	4
Male including in participants	0	N/A	0	2
Female including in participants	0	N/A	0	2
Date		15 Dec 2023	31 Jan 2024	
Comments	This will be reflected at beginning of phase 2			
<b>PDO 3 Indicator Description:</b> Number of trained users, disaggregated by gender				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Participants	0	N/A	0	10
Female including in participants	0	N/A	0	>30%
Date		15 Dec 2023	31 Jan 2024	
Comments	This will be reflected at beginning of phase 3			
<b>PDO 4 Indicator Description:</b> Number of knowledge products provided (by type of product, theme, country)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Products	0	N/A	0	5
Date		15 Dec 2023	31 Jan 2024	

Comments	5 which includes: open-source Geospatial Tool; Beneficiaries Engagement Workshops and Finding Reports; Training Material for the Open-Source Geospatial Tool; Capacity Enhancement workshop; and Recommendation Report.
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**PDO 5 Indicator Description:** Number of people provided with knowledge products (by recipient category, type of knowledge product, country, theme)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Participants of beneficiaries engagement workshop	0	N/A		20
Number of user manual user	0	N/A		10
Number of recommendation report reader	0	N/A		10
Date		15 Dec 2023	31 Jan 2024	
Comments				

**PDO 6 Indicator Description:** Number of events supported (by type, year, theme, country)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Facebook and LinkedIn Posts	0	N/A	1	6
Press release	0	N/A	1	2
Stakeholder engagement workshop	0	N/A	0	2
Conferences	0	N/A	0	1
Date		15 Dec 2023	31 Jan 2024	
Comments	<a href="#">LinkedIn Post</a> <a href="#">Press Release</a>			

**PDO 7 Indicator Description:** Number of people participating in supported events (by participant category, sex, year, theme, country)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Reactions of Facebook and LinkedIn Posts	0	N/A	52 5 comments 4 reposts	20
News agency of press release	0	N/A	0	1

Participants of stakeholder engagement workshop	0	N/A	0	20
Participants of conferences	0	N/A		20
Date		15 Dec 2023	31 Jan 2024	
Comments				
<b>Outcome 1 Indicator Description:</b> Enhanced stakeholder engagement and Needs Identification				
Number of stakeholders engaged	0	N/A	0	10
Hazards identification	0	N/A	0	3
Indicators identification	0	N/A	0	2
Critical infrastructure types identification	0	N/A	0	3
Date		15 Dec 2023	31 Jan 2024	
Comments	This will be better reflected at the end of phase 1.			
<b>Output 1.1 Indicator Description:</b> Number and diversity of stakeholders engaged				
Number of government officials engaged	0	N/A	0	10
Female including in the government officials engaged	0	N/A	0	>30%
Date		15 Dec 2023	31 Jan 2024	
Comments	This will be reflected at the end of phase 1.			
<b>Outcome 2 Indicator Description:</b> Number of geospatial tool which is functional and ready to be tested				
Functional tools	0	N/A	0	1
Relevant hazards	0	N/A	0	3
Relevant infrastructures	0	N/A	0	3
Date		15 Dec 2023	31 Jan 2024	
Comments	This will be reflected at the end of phase 2.			
<b>Output 2.1 Indicator Description:</b> Number of people accessing the first open-source tool				
Number of people accessing	0	N/A	0	4
Date		15 Dec 2023	31 Jan 2024	
Comments	It will be reflected at the beginning of Phase 3.			
<b>Output 2.2 Indicator Description:</b> Number of people with training manual delivered				
Number of people delivered	0	N/A	0	4
Date		15 Dec 2023	31 Jan 2024	



Comments	It will be reflected at the end of Phase 2.			
<b>Outcome 3 Indicator Description: Capacity Building and tool testing</b>				
Number of government agencies	0	N/A	0	5
Government officials including in agencies	0	N/A	0	10
Female including in government officials	0	N/A	0	>30%
Number of male citizens accessing the results	0	N/A	0	1000
Number of female citizens accessing the results	0	N/A	0	1000
Date		15 Dec 2023	31 Jan 2024	
Comments	It will be reflected at the end of Phase 3.			
<b>Output 3.1 Indicator Description: Number of people accessing the first open-source tool</b>				
Number of people trained online prior testing test	0	N/A	0	4
Number of people testing the tool	0	N/A	0	4
Date		15 Dec 2023	31 Jan 2024	
Comments	It will be reflected at the beginning of Phase 3.			
<b>Output 3.2 Indicator Description: A trained cohort of stakeholders capable of using and disseminating knowledge about the tool, promoting gender-balanced capacity building in the local context.</b>				
Number of trained users, disaggregated by gender	0	N/A	0	10
Female including trained users	0	N/A	0	>30%
Number of people delivered with knowledge product	0	N/A	0	10
Female including in people delivered	0	N/A	0	>30%
Date		15 Dec 2023	31 Jan 2024	
Comments				
<b>Output 3.3 Indicator Description: Tool refinement based on feedback</b>				
Address relevant feedback	0	N/A	0	>70%
Date		15 Dec 2023	31 Jan 2024	
Comments	It will be reflected at the end of Phase 3.			
<b>Output 3.4 Indicator Description: Number of strategic recommendations made</b>				

Strategic recommendations	0	N/A	0	5
Date		15 Dec 2023	31 Jan 2024	
Comments	It will be reflected at the end of Phase 3.			

## 5. Challenges, Lessons Learned and Way Forward

### Challenges

During the current reporting period, we encountered a challenge in initiating our project, primarily due to delays in contract signing and the process of finalising the inception report. This necessary phase involved multiple rounds of edits, which, while crucial for ensuring the quality and accuracy of our project foundation, which led to delays in disbursement of funds. Consequently, these delays impacted our ability to commence the project's substantive work, including the engagement of key personnel, notably a consultant based in Bhutan, the early-stage design of the tool and stakeholder mapping.

### Lessons Learned

This experience has provided valuable insights into our project management and planning processes. We have learned the importance of:

1. **Effective Communication:** Ensuring clear, consistent, and frequent communication among stakeholders to align expectations and facilitate smoother edit rounds.
2. **Streamlined Review Processes:** Developing a more efficient process for document reviews and edits to minimise delays in future projects.
3. **Flexibility and Adaptation:** The need to remain adaptable and responsive to unforeseen changes, which are inherent in project management.

### Way Forward

In light of these lessons, our approach for the next reporting period includes several strategic actions:

1. **Consolidated Stakeholder List:** We will develop a more comprehensive and consolidated list of stakeholders. This refinement will ensure that we are engaging with all relevant parties effectively and efficiently.
2. **Engagement with Bhutan Consultant:** With the anticipated resolution of the initial delays, we will prioritise the engagement of the consultant based in Bhutan. This step is crucial for our project's success and will be expedited accordingly.
3. **Enhanced Stakeholder Engagement Plan:** Building on our lessons learned, we will devise a more robust stakeholder engagement plan. This plan will encompass a strategic approach to communication and involvement of all stakeholders.
4. **Refined Tool Design:** We will focus on consolidating the design of our project's tool.

## **Annexures:**

Not Applicable for this reporting period

# Glossary

<b>Project Title</b>	means	Exact and full name of the project as defined in the Sub Grant Agreement
<b>Project Code</b>	means	A five-digit code assigned by ADPC
<b>Partner Organization</b>	means	The lead agency(ies) responsible for the implementation of the project
<b>Key Achievements</b>	means	The actual outcome or impact of your work, such as reaching a PDO, or outcome or output defined in the final and agreed Results Framework.
<b>Implementation Progress</b>	means	Implementation progress means the steps or actions taken to achieve the PDO or outcomes or outputs. In this case it would be the list of activities defined in the final and approved work plan
<b>Challenges</b>	means	The most significant and persistent areas of risk that affect the project's ability to achieve its objectives. Challenges could be related to managing the Sub Grant, sustaining development gains, coordinating with stakeholders, and implementing core management functions. Please also discuss the solutions to mitigate these risks.
<b>Lessons Learned</b>	means	Lessons learned are contextual or operational information that may affect planning and future performance. They highlight the insights gained from the activity's implementation practices and progress, such as staff feedback, stakeholder interviews, data analysis, and success stories. They also include any changes required by or support requested from ADPC or partners.



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