

iCARE Innovation Fund

Early Warning and Decision Support System for Energy Infrastructure Resilience in the GBM Basin

Monthly Progress Report

Reporting Period (03,2024)

Prepared by: Paul Janecek

1. Project Information

Project Title:	Early Warning and Decision Support System for Energy Infrastructure Resilience in the GBM Basin
Project Code:	A-05177-WBCAR
Partner Organisation:	Think Blue Data Co., Ltd.
Reporting Period:	March 2024
Date of Submission:	5th April 2024
Contact Name:	Paul Janecek
Contact Position:	CEO, Think Blue Data Co., Ltd.
Contact Email Address:	paul@thinkbluedata.com
Contact Telephone Number:	+66 890177604
Status of project progress in this reporting period	<input type="checkbox"/> Significant delay <input type="checkbox"/> Delay X On Track
Report sign Off	<p>X I have reviewed all the information provided for each section including the number of beneficiaries. The information provided for each section of the report is complete.</p> <p>Name: Paul Janecek Designation: Project Lead</p>

2. Key Achievements

The main achievement of this period is the initialization of the project development and completion of several key components. One of the major aspects was the design and development of the code structure to support multi-panel views for comparing geospatial data across scenarios or key locations.

There were also some refinements made to the Figma design prototypes.

In addition, we also supported a workshop in Bhutan on Climate Risk Assessment and Climate Data Downscaling during the month of March.

3. Implementation Progress

Activity Title	Last Month Progress	Current Month Progress	Activities, and Events, planned for the subsequent month
1.1.2 Establish Community of Practice with key national and regional stakeholders	Under discussion	Reviewing training request from DDM	Develop CoP strategy based on training request topics
1.1.3 Gather requirements and priorities from key stakeholders through interviews and virtual study tours / workshops	Draft available, v2	Draft available, v3	Finalise Gap Analysis
1.2.1: Maintain Community of Practice with key national and regional stakeholders	Under discussion	In progress	Continue engagement with DDM, NCHM, and outreach to Energy
1.2.2: Prepare forecast and geospatial data	In progress	In progress	Continue data processing
1.2.3: Iterative design and development of key online use-cases based on stakeholder priorities	Draft available for Design only, v2	Draft available for Design and Development, v3	Continue development
1.2.4: Pilot-testing with designs and interactive prototypes with select stakeholders	In progress	Pilot-testing with internal and UNESCAP stakeholders	Continue Pilot-testing with more stakeholders

4. Results Framework Indicators Progress

PDO Indicator Description: Government agencies and Citizens who have access to climate-resilient solutions tested under the project (Number)					
		Baseline	Actual (Previous)	Actual (Current)	End Target
Value		0	0	0	Gov: 3 Sub-national Gov: 12 Cit: 500
Date			29 Feb 2024	31 March 2024	
Comments		DSS is under development			
Output Indicator Description: Number of people trained (in person) (by sex, country, topic, year, participant category)					
Value		0	0	0	48
Date			29 Feb 2024	31 March 2024	
Comments		Training under development			
Output Indicator Description: Number of people trained (online) (by sex, country, topic, year, participant category)					
Value		0	0	0	88
Date			29 Feb 2024	31 March 2024	
Comments		Training under development			
Output Indicator Description: Number of knowledge products provided (by type of product, theme, country)					
Value		0	0	0	6
Date			29 Feb 2024	31 March 2024	

Comments		Knowledge products under development			
Output Indicator Description: Number of people / organisations provided with knowledge products (by recipient category, type of knowledge product, country, theme)					
Value		0	0	0	People: 500 Organisation: 64
Date			29 Feb 2024	31 March 2024	
Comments		Knowledge products under development			
Output Indicator Description: Number of events supported (by type, year, theme, country)					
Value		0	0	1 ¹	53
Date			29 Feb 2024	31 March 2024	
Comments		Training on Climate Risk Assessment and Climate Data Downscaling			
Output Indicator Description: Number of people participating in supported events (by participant category, sex, year, theme, country)					
Value		0	0	23 ²	205
Date			29 Feb 2024	31 March 2024	
Comments		Training on Climate Risk Assessment and Climate Data Downscaling			

¹ See Annex 5: Workshop Event Monitoring Form

² *ibid.*

5. Challenges, Lessons Learned and Way Forward

Challenges:

- We received additional details from our stakeholders in Bhutan on the requested agenda and budget of the training and DSS launch workshop planned in Q2 that are beyond our initial estimates.

Lessons Learned:

- Capacity building is a higher priority than a DSS for our stakeholders. As a result, we are organising the training sessions to use the DSS during practical exercises that support the training objectives.

Way Forward:

- We are working closely with our partners to find a solution that will best support the project development objectives within our budget, and will discuss options with ADPC over the next month.

Annexures:

[Annex 1: Gap Analysis DRAFT, v2](#)

[Annex 2: Design and Implementation Report DRAFT, v3](#)

[Annex 3: DSS V1 Data Preparation Report DRAFT, V1](#)

[Annex 4: Pilot-Test Reprt DRAFT, V1](#)

Annex 5: Workshop Event Monitoring Form

Type	Hybrid		
Date	18-19 March 2024		
Theme	"Training on Climate Data Downscaling"		
Country	Bhutan		
Participants	Total	23	
	Category	government official	20
		civil society representative	3
		private sector actor	
		beneficiary	
	Sex	Male	15
Female		8	
Objectives	Climate risk assessment	23	

Glossary

Project Title	means	Exact and full name of the project as defined in the Sub Grant Agreement
Project Code	means	A five-digit code assigned by ADPC
Partner Organisation	means	The lead agency(ies) responsible for the implementation of the project
Key Achievements	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.
Implementation Progress	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
Challenges	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.
Lessons Learned	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.
DDM		Department of Disaster Management (https://www.ddm.gov.bt/)



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