

iCARE Innovation Fund

Heylhi 2.0

Monthly Progress Report

Reporting Period *(01 August 2024, 31 August 2024)*

Prepared by: Small Island Geographic Society

1. Project Information

Project Title:	Heylhi 2.0
Project Code:	WBCAR
Partner Organisation:	Ministry of Climate Change, Environment, Energy, Dhiffushi Island Council, Vaikaradhoo Island Council, Water Solutions
Reporting Period:	1 August 2024 to 31 August 2024
Date of Submission:	3 September 2024
Contact Name:	Shaadhoon Mohamed Haleem
Contact Position:	Administrative Manager
Contact Email Address:	info@sigsomaldives.org
Contact Telephone Number:	+9609763588
Status of project progress in this reporting period	<input type="checkbox"/> Significant delay <input type="checkbox"/> Delay <input checked="" type="checkbox"/> On Track
Report sign Off	<p>X 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.</p> <p>Name: Mohamed Bunyameen Designation: Project Coordinator</p>

2. Key Achievements

During this reporting period, the following achievements were accomplished;

Internal meeting with Developer in order to discuss App progress User submission and verification of Heylhi 2.0 data: Data collected from the Data Collection Stands will be verified by an elected individual before submissions can be made.

Reward system for app gamification is still under testing. Beta testers from K. Dhiffushi and HDh. Vaikaradhoo are to be identified by the Council in order to proceed with further testing.

Heylhi 2.0 Data collection markers have been completed.

Videographer has been engaged in order to commence works on Heylhi 2.0 documentary and Heylhi 2.0 app tutorial video.

Meeting with iCARE team in order to plan for the Field Mission set to take place on 24th September, 2024.

Heylhi 2.0 presented at Theveli Conference 2024 at Maldives National University.

3. Implementation Progress

Activity Title	Last Month Progress	Current Progress	Month	Activities, and Events, planned for the subsequent month
Activity 1.1.1: Redesign user interface (Dec 2023-May 2024)	Completed: Activity completed	Completed: Activity completed		-
Activity 1.1.2: Develop new features and back-end (Mar-May 2024)	Completed: • Activity completed	Completed Activity completed		-
Activity 1.1.3: Make Heylhi app available on Android and iPhone (April-May 2024)	In-Progress: Apple store publication process in progress Completed • APK for Android available	In-Progress: Apple store publication process in progress		Complete Apple Store publication
Activity: 1.2.1: Survey new islands (drone mapping and shoreline to identify locations to put photo markers and prepare base map of islands (Jan-Mar 2024)	Completed: Activity completed	Completed Activity completed		
Activity 1.2.2: Design and make upgraded data collection markers. (April-May 2024)	Completed: • Activity completed	Completed Activity completed		
Activity 1.2.3: Set up markers in the islands (May-June 2024)	In-Progress: • Not yet started	In-Progress: • Logistics are currently being arranged in order to set up markers in both		

		islands before the end of September, 2024	
Activity 1.3.1: Train selected people from sites to collect data using Heylhi app (June 2024)	In-Progress: ● Training materials being developed, pending visits to selected sites for training	In-Progress: ● Training planned to take place in September 2024 during visit to set up markers.	
Activity 1.4.1: Ongoing data collection (July 2024- Jan 2025)	In-Progress: ● Not yet started	In-Progress: ● Not yet started	-
Activity 2.1.1: Identify possible outputs, who will benefit from these and how can they use the outputs - workshops with MECCT and stakeholders (Mar-April 2024)	Completed Activity completed	Completed Activity completed	-
Activity 2.1.2: Develop, optimize, and test Matlab/Python scripts to analyze data collected through the Heylhi app (July 2024 - Jan 2025)	In-Progress: Citizen Science Coastal consultant and End User Reporting consultant engage and work-in-progress with Heylhi team	In-Progress: ● Both consultants awaiting data collected from markers in order to proceed with analysis.	-
Activity 2.1.3: Training to analyze data (June 2024)	In-Progress: ● Not yet started	In-Progress: ● Not yet started	
Activity 2.1.4: Analyze data (July 2024 - Jan 2025)	In-Progress: ● Not yet started	In-Progress: ● Not yet started	-

<p>Activity 2.2.1 Prepare outputs (knowledge product i.e., reports, trend graphs)</p> <p>(Dec 2023 – Jan 2025)</p>	<p>In-Progress:</p> <ul style="list-style-type: none"> • Ongoing periodic meetings scheduled with the consultants to support project activities 	<p>In-Progress:</p> <ul style="list-style-type: none"> • Ongoing periodic meetings scheduled with the consultants to support project activities 	<p>-</p>
<p>Activity 2.3.1: Share outputs generated with project stakeholders</p> <p>(Jan 2025)</p>	<p>In-Progress:</p> <ul style="list-style-type: none"> • Not yet started 	<p>In-Progress:</p> <ul style="list-style-type: none"> • Not yet started 	<p>-</p>
<p>Activity 2.4.1: Present at conferences & publish papers</p> <p>(Jan 2025)</p>	<p>In-Progress:</p> <ul style="list-style-type: none"> • Not yet started 	<p>In-Progress:</p> <ul style="list-style-type: none"> • Heylhi 2.0 presented at Theveli Conference in Maldives National University on 20/08/2024 	<p>- Presentation in annex</p>
<p>Activity 2.5.1: Share information about Heylhi to Government, Councils, resorts, research communities</p> <p>(Dec 2023 – Jan 2025)</p>	<p>In-Progress:</p> <ul style="list-style-type: none"> • Workshop being planned for project islands to implement Heylhi 2.0 	<p>In-Progress:</p> <ul style="list-style-type: none"> • Workshop being planned for project islands to implement Heylhi 2.0 	

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	Government agencies: 8 Citizens: 150
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Outcome 1 Indicator Description: Upscale existing mobile application and coastal erosion and flooding data is being collected				
Value	0	n/a	0	6
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 1.1 Indicator Description: Number of people access to Heylhi app				
Value	0	n/a	0	150
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 1.2 Indicator Description: Number of sites (islands) with access to data collection facilities				
Value	1	n/a	0	6
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 1.3 Indicator Description: Number of people trained				
Value	0	n/a	0	50
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 1.4 Indicator Description: Number of uploads/entries per month per island				
Value	0	n/a	0	10
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Outcome 2 Indicator Description: Capacity developed to analyse data in Maldives and government agencies, local councils, and citizens using outputs from Heylhi 2.0 data				

Value	0	n/a	0	6
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 2.1 Indicator Description: Number of people trained (in person) (by sex, country, topic, year, participant category)				
Value	0	n/a	0	20
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 2.2 Indicator Description: Number of knowledge products provided (by type of product, theme, country)				
Value	0	n/a	2	5
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 2.3 Indicator Description: Number of people / organisations provided with knowledge products (by recipient category, type of knowledge product, country, theme)				
Value	0	n/a	0	150
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 2.4 Indicator Description: Number of events supported (by type, year, theme, country)				
Value	0	0	2	3
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				
Output 2.5 Indicator Description: Number of people participating in supported events (by participant category, sex, year, theme, country)				
Value	0	0	38	80
Date	15 Dec 2023	30 Mar 2024	31 August 2024	15 Jan 2025
Comments				

5. Challenges, Lessons Learned and Way Forward

Challenges

The challenges faced include changes to use submission and verification page. The page has to be updated to enable verification before submission. In addition, there are small bug fixes with User Interface. Another challenge has been finding beta testers to use the Heylhi 2.0 app. Currently we have communicated with both HDh. Vaikaradhoo and K. Dhiffushi council to elect an individual from each island.

Lessons Learned

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Way Forward

Field visit to K. Dhiffushi and Hdh. Vaikaradhoo planned within the first 2 weeks of September in order to set up data collection markers in both islands. Training and analysis will follow afterwards.

Annexures:

- Single Frame Marker Completed Design
- Theveli Conference Presentation

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 Organization	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.



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