

# iCARE Innovation Fund

## Heylhi 2.0

## Monthly Progress Report

Prepared by: Shaadhoon Mohamed Haleem

# 1. Project Information

<b>Project Title:</b>	<a href="#">Heylhi 2.0</a>
<b>Project Code:</b>	WBCAR
<b>Partner Organisation:</b>	<a href="#">Ministry of Climate Change, Environment, Energy, Dhiffushi Island Council, Vaikaradhoo Island Council, Water Solutions</a>
<b>Reporting Period:</b>	1-30 April 2024
<b>Date of Submission:</b>	05 <sup>th</sup> May, 2024
<b>Contact Name:</b>	<a href="#">Shaadhoon Mohamed Haleem</a>
<b>Contact Position:</b>	Administrative Manager
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<b>Contact Telephone Number:</b>	+9609763588
<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>	<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;

Meeting with consultant for Data analysis, 07<sup>th</sup> April, 2024.

Alpha build prepared for internal alpha testing.

Rooting for Raajje - tree planting, flooding and coastal erosion modules are completed.  
(Annex 1,2,3,4,5)

### 3. Implementation Progress

Activity Title	Last Month Progress	Current Month Progress	Activities, and Events, planned for the subsequent month
1.1.1: Redesign user interface	<b>In-Progress:</b> Redesign work Heylhi 2.0 mobile app user interface of the 5 modules in progress.	<b>Completed:</b> <ul style="list-style-type: none"> <li>Heylhi 2.0 app user interface completed for all 5 modules</li> </ul> <b>In-Progress:</b> <ul style="list-style-type: none"> <li>Testing in progress to finalize User Interface</li> </ul>	Heylhi 2.0 mobile application to be completed by the end of May, 2024
1.1.2: Develop new features and back-end	<b>Completed:</b> <ul style="list-style-type: none"> <li>Resigned database schema and implement the location finder.</li> </ul>	<b>Completed</b> <ul style="list-style-type: none"> <li>3 modules (Rooting for Raajje, erosion, and flooding)</li> <li>2 modules (vegetation removal, and drone images)</li> </ul>	2 modules to be added; Drone mapping and Tree loss to the back-end
1.1.3: Make Heylhi app available on Android and iPhone	<b>In-Progress:</b> <ul style="list-style-type: none"> <li>Apple store developer fees to be paid in order to upload Heylhi 2.0 app to the store. This application process in in progress.</li> </ul>	<b>In-Progress:</b> <ul style="list-style-type: none"> <li>APK for Android is being developed</li> <li>Apple app store developer fees in progress</li> </ul>	Heylhi 2.0 app planned to be updated on Android and Apple app store by the end of the May, 2024
1.2.1: Survey new islands (drone mapping and shoreline to identify locations to put photo markers and prepare base map of islands)	<b>Completed</b> <ul style="list-style-type: none"> <li>Field field visit to HDh. Vaikaradhoo completed</li> <li>Inception/introductory session completed.</li> <li>Previous marker conditions and future marker locations identified.</li> <li>Drone mapping for HDh. Vaikaradhoo completed.</li> </ul>	<b>In-Progress:</b> <ul style="list-style-type: none"> <li>In discussion with MOCCEE to schedule field visits with their work plan</li> <li>Dhiffushi baseline survey trip planning</li> </ul>	Visit K. Dhiffushi to finish the baseline survey works

<p>1.2.2: Design and make upgraded data collection markers.</p>	<p><b>In-Progress:</b></p> <ul style="list-style-type: none"> <li>• Redesigning markers based on first field visit to both islands.</li> <li>• New locations identified for Vaikaradhoo</li> </ul>	<p><b>In-Progress:</b></p> <ul style="list-style-type: none"> <li>• Redesigning of Vaikaradhoo data collection markers is in progress</li> <li>• Dhiffushi baseline survey visit on May 2024 is currently being planned</li> </ul>	<p>Markers to be installed in the coming months.</p>
<p>2.2.1: Prepare outputs (knowledge product i.e., reports, trend graphs)</p>	<p><b>Completed</b></p> <ul style="list-style-type: none"> <li>• Flyers were distributed to the islands through field visit.</li> <li>• Drone mapping for Vaikaradhoo was completed.</li> </ul>	<p><b>In-Progress:</b></p> <ul style="list-style-type: none"> <li>• Work in progress to create Baseline survey report for Dhiffushi.</li> </ul>	<p>Drone mapping to be completed in K. Dhiffushi.</p>
<p>2.5.1: Share information about Heylhi to Government, Councils, resorts, research communities</p>	<p><b>Completed</b></p> <ul style="list-style-type: none"> <li>• Inception event</li> <li>• Community engagement and information sharing in Vaikaradhoo and Dhiffushi</li> </ul>	<p><b>In-Progress:</b></p> <ul style="list-style-type: none"> <li>• In discussion with Ministry of Climate Change, Environment, and Energy (MOCCEE) to arrange workshop with their staff</li> </ul>	<p>Requested session from JICA and MOCCEE to take place</p>

## 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	Govt: Citizens: 1
Date		30 Mar 2024	30 Apr 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	30 Apr 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	30 Apr 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	30 Apr 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	30 Apr 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	30 Apr 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	30 Apr 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	30 Apr 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	0	5
Date	15 Dec 2023	30 Mar 2024	30 Apr 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	30 Apr 2024	15 Jan 2025
Comments				
Output 2.4 Indicator Description: Number of events supported (by type, year, theme, country)				
Value	0	0	1	3
Date	15 Dec 2023	30 Mar 2024	30 Apr 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	30 Apr 2024	15 Jan 2025
Comments				

## 5. Challenges, Lessons Learned and Way Forward

### Challenges

Unexpected Ramadan and election holidays have led delays in the meetings with relevant stakeholders, presenting a challenge as the confirmation of the four islands with JICA has been postponed.

Challenges of using a new framework and a new language in developing the new Heylhi application. This is the first time we are using Firebase backend

### Lessons Learned

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### Way Forward

Baseline survey visit to K. Dhiffushi



## **Annexures:**

[Annex 1 - Homepage Overview.png](#)

[Annex 2 - Erosion Module.png](#)

[Annex 3 - Flooding Module.png](#)

[Annex 4 - Tree Planting Module.png](#)

[Annex 5 - Entry Verification Page.png](#)

# 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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