

Project Work Plan 2023-2025

Lead Organization Name	Small Island Geographic Society																		
Project Name	Heylhi 2.0																		
Project Start Date:	15-Dec-23																		
Project End Date	15-Feb-25																		
Project Country (ies)	Maldives																		
Implementing Partners (if applicable):	-																		
Outcome Description	Output Description	Activity Description	Timeline (Indicate X to represent the timeline)													Deliverables			
			2023			2024											2025		
			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB		
Outcome 1: Coastal erosion and flooding data is collected using citizen science based mobile application	Output 1.1: Heylhi App is upscaled and ready for use	Activity 1.1.1: Redesign user interface																	New user interface for Heylhi 2.0 designed
		Activity 1.1.2: Develop new features and back-end																	New features added and back-end
		Activity 1.1.3: Make Heylhi app available on Android and iPhone																	Heylhi 2.0 available for users
	Output 1.2: Sites developed for data collection using Heylhi app	Activity 1.2.1: Survey new islands (drone mapping and shoreline to identify locations to put photo markers and prepare base map of islands)																	Survey reports: Locations for photo markers and number of markers identified in each island
		Activity 1.2.2: Design and make upgraded data collection markers (redesign photo marker stands, adding set-up for trail cameras in 2 locations)																	Marker designs completed and markers prepared
		Activity 1.2.3: Set up markers in the islands																	Markers set up in islands
	Output 1.3: Capacity developed for data collection using Heylhi App and data collection is started	Activity 1.3.1: Train selected people from sites to collect data using Heylhi app																	Training material and training report
	Output 1.4: Ongoing data collection	Activity 1.4.1: Ongoing data collection																	Data collection for training and analysis
Outcome 2: Capacity is developed and outputs are produced for evidence based policy making	Output 2.1: Capacity developed to produce useful outputs for island development and policy making	Activity 2.1.1: Identify possible outputs, who will benefit from these and how can they use the outputs - workshops with MECCT and stakeholders																	Workshop reports and matrix of data output needs of stakeholders
		Activity 2.1.2: Develop, optimize, and test Matlab/Python scripts to analyze data collected through the Heylhi app																	Data collection codes and programmes
		Activity 2.1.3: Training to analyze data																	Training workshop and training materials; SIGS, MECCT, local university students trained to analyze backend data
		Activity 2.1.4: Analyze data																	Preliminary data analysis report
	Output 2.2: Outputs generated from Heylhi app data is shared with stakeholders	Activity 2.2.2: Prepare outputs (knowledge product i.e., reports, trend graphs)																	Trend graphs, reports, and outputs produced
	Output 2.3: Knowledge products created through Heylhi project shared with stakeholder	Activity 2.2.3: Share outputs generated with project stakeholders																	Preliminary reports and outputs and continued periodic reporting schedule
	Output 2.4 Events participated to disseminate Heylhi app information to the public	Activity 2.4.1: Present at conferences & publish papers																	Research reports and conference presentation
	Output 2.5 Stakeholders engaged through public events	Activity 2.5.1: Share information about Heylhi to Government, Councils, resorts, research communities																	Video presentations to relevant Ministries, Councils, resorts and other interested parties