
Mid-Year Project Report No. 5

**According to the Amended Grant Arrangement between KOICA and
the ACS *“Impact Assessment of Climate Change on the Sandy
Shorelines of the Caribbean: Alternatives for its Control and
Resilience”***

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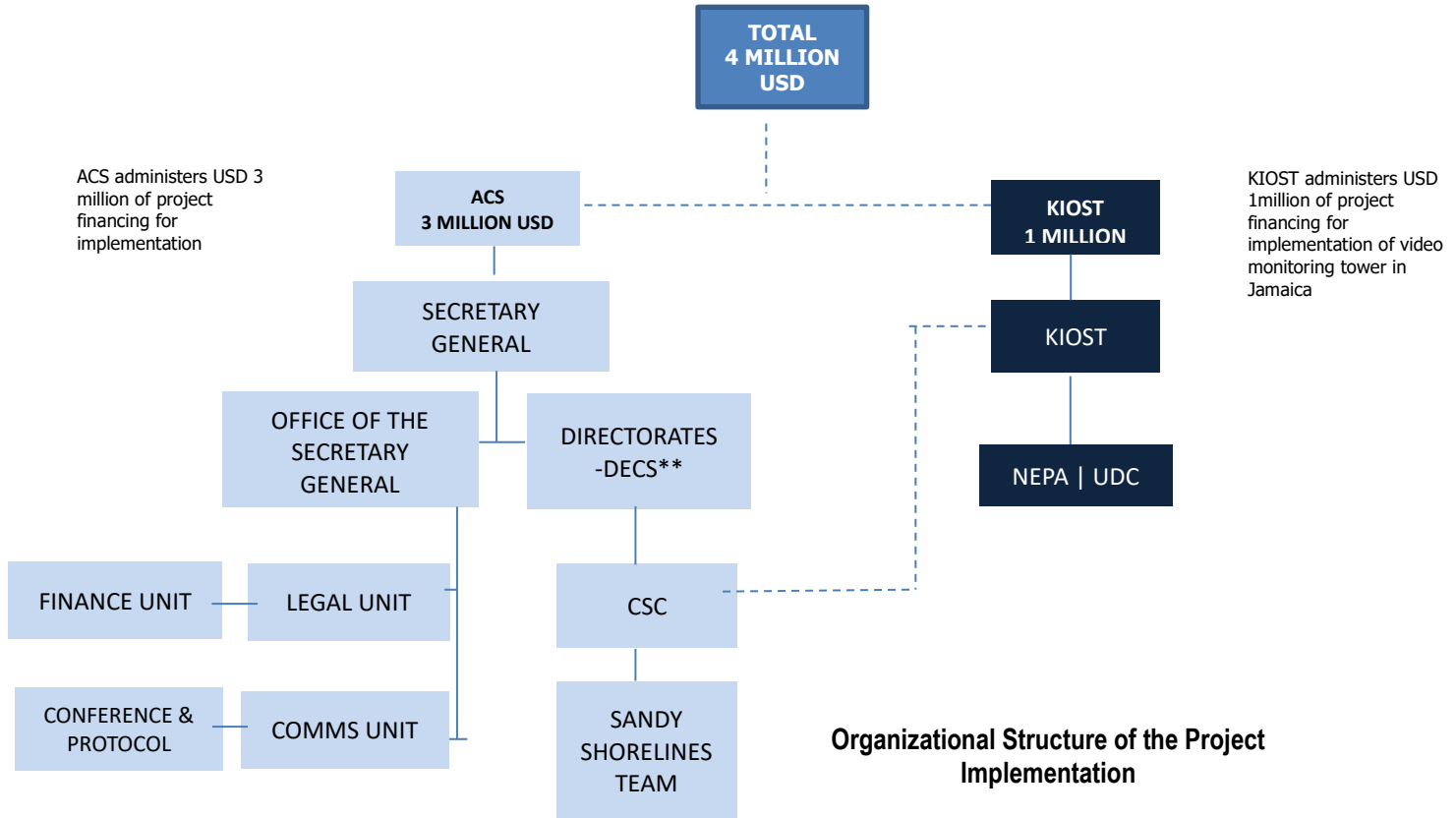
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ACRONYMS

ACS	Association of Caribbean States
CITMA	Ministry of Science, Technology and Industry (Cuba)
CSC	Caribbean Sea Commission
DECS	Directorate for Disaster Risk Reduction, Environment and the Caribbean Sea
ICIMAR	Institute of Ocean Science (Cuba)
KOICA	Korean International Cooperation Agency
KIOST	Korean Institute of Ocean Science and Technology
NEPA	National Environment and Planning Agency (Jamaica)
OSG	Office of the Secretary General
UDC	Urban Development Corporation (Jamaica)

1. PROJECT OVERVIEW

1.1. Operations Overview



The Sandy Shorelines Project currently operates within the Directorate for Disaster Risk Reduction, Environment and the Caribbean Sea (DECS):

The Project Manager, Mrs Heidi Linares, demitted office in November, 2019. The project team has continued to work in the absence of a Project Manager for the past eight (8) months. At the time of the previous report (Report No.4), the ACS was conducting the recruitment process for the new Project Manager. However, the on-going COVID-19 pandemic has delayed this process.

2. PERFORMANCE REVIEW

2.2 Activities Undertaken and Results Achieved

So far this year, the project has continued its work with the Focal Points under Component 1 while also implementing Components 3, 4 and 5. This section summarises these components, the activities implemented under each component and the main achievements/highlights for the first quarter of 2020. This section will also detail the impacts of the COVID-19 pandemic on the aforementioned project components.

COMPONENT 1: Establishment of Focal Point Network and Needs Assessment

- ***ACTIVITY 1.4 – Technical Advisory Group (TAG)***

The work of the Technical Advisory Group (TAG) was officially completed in January of 2020 with the submission of each member's final reports, and the final selection of the three (3) countries for the Beach Rehabilitation Projects under Component 4. It is anticipated that under *Component 5 -Beach Rehabilitation Manual*, two (2) TAG members would be rehired to assist in the technical research and design of the manual.

COMPONENT 2: Creating Institutional and Human Resources Capacities in Dealing with the Erosion Process and Climate Change

- ***ACTIVITY 2.1 – Conferences***

In January, the Project Team received an invitation from the KIOST to attend the 16th International Coastal Symposium (ICS) 2020 in Seville, Spain from 20th -23rd April, 2020. It was anticipated that three (3) technical experts (focal points) would have attended this Symposium as well as persons from the ACS. The selected focal points were from Jamaica, Costa Rica and Guatemala. The Symposium has since been cancelled as a result of the pandemic, and the project is seeking to repurpose these funds into another capacity building activity, e.g. the development of an online course on coastal erosion for environmental and coastal specialists of the the beneficiary countries .

COMPONENT 3: Establishment of Regional Erosion Monitoring Network

The Establishment of the Regional Monitoring Network is divided into two (2) activities: procurement and regional monitoring network.

- **ACTIVITY 3.1: Procurement of Equipment**

In 2019, it was hoped that the project would have procured and delivered the monitoring equipment to each country. The project anticipated equipment delivery in November 2019 to the beneficiary countries. However, due to unforeseen delays, it was hoped to be achieved in the second quarter of 2020, with the Tendering/Bidding process commencing at the beginning of February 2020.

Unfortunately, COVID-19 has delayed this process, and the project team had to extend deadline dates twice, to allow bidding companies more time to prepare their bids. The deadline for bid submissions was June 22nd, 2020. Only one company, Boss Pro-Tech of Germany, submitted a bid for equipment. This company made an offer of 997,669USD, which was higher than both the allocated budget of the project (450,000USD), and the Procurement Specialist's estimation of (393,000USD). The project is therefore in the process of determining the next course of action; which is to either negotiate with the firm, or to cancel the Tender and begin the process again. This has further delayed this component of the project and the estimated delivery date of October to the participating countries.

- **ACTIVITY 3.2 Establishment of National Erosion Monitoring Networks**

After the delivery and installation of the equipment, the countries will begin their monitoring activities. The project team will ensure that each country receives training on the use of the equipment provided and will provide a budget to cover the expenses for a local monitoring team to carry out their work for a period of six (6) months.

COMPONENT 4: Preparing Beach Rehabilitation Projects and Monitoring Beach Erosion Process

- **ACTIVITY 4.1 - Beach Rehabilitation Projects in 3 Prioritized Sites**

At the **Sixth Meeting of the Technical Advisory Group**, the TAG members reviewed the field evaluation reports for five (5) countries shortlisted and selected the three (3) successful sites in the three (3) chosen countries for the Executive Beach Rehabilitation project. . These countries are Antigua and Barbuda, Panama and Trinidad and Tobago.

Also as a result of COVID-19, this component is currently delayed as the current stage of the implementation process requires CITMA/GAMMA (a Cuban company responsible

for the conducting the extensive coastal studies/work in the three selected countries), to travel to the selected sites to assess the exact work needed to be done at each selected site for accurate costing purposes. Since many country borders are still closed as a result of the virus, the project team continues to monitor the situation.

It has been decided that if the delay proves to hinder project progress, the project team will modify/reconfigure the component, still ensuring that the selected countries benefit in the same way/equal measure.

- **ACTIVITY 4.2 - Video Monitoring Tower Jamaica**
(This component is managed by the KIOST and the NEPA)

The KIOST team visited Jamaica from 27th January – 3rd February, 2020 and finalised an agreement with the NEPA and the local construction company D.T Brown Construction Limited on the construction of the Video Monitoring Tower (VMT) and installation of the Video Monitoring System (VMS). At the time of this report, the materials for the VMT have been delivered to D.T Brown Construction Limited.

Due to the on-going global pandemic, construction on the tower has been delayed. Therefore, the KIOST has also requested an extension in keeping with the ACS project timelines in order to complete their work.

The launch event for the VMT has been postponed until further notice.

COMPONENT 5: Writing a Beach Rehabilitation Manual with Scientific and Engineering Criteria that respond to the special features of the Caribbean Coastal Regions

- **ACTIVITY 5.1 – Beach Rehabilitation Manual**

The project has begun Component 5 which is the development and publication of a Beach Rehabilitation Manual in collaboration with the CARIB – COAST project. In this phase, initial talks have been had with Mr. Ywenn De La Torre, the coordinator of the CARIB – COAST project, to determine the scope and responsibilities of each party in this partnership. Drs. Juanes (CITMA) and Yeon Chang (KIOST) will be the technical experts on the ACS/KOICA end, to ensure that the manual fulfils the requirements for the Sandy Shorelines project.

The project has received feedback from Focal Points on the general outline for the manual so there is involved consensus and inclusion all around. It is anticipated that the manuals would be completed and distributed to member countries by the 4th quarter of this year.

ADMINISTRATIVE MATTERS – PROJECT EXTENSION

The Caribbean Sea Commission will be applying for an extension of the project, which has been delayed as a result of the COVID-19 pandemic. Given the unique nature of the project, components which require travel or shipping and installation of equipment have been put on hold. It is hoped that an additional twelve (12) month extension would be sufficient.