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SEAMARCS

Project Overview

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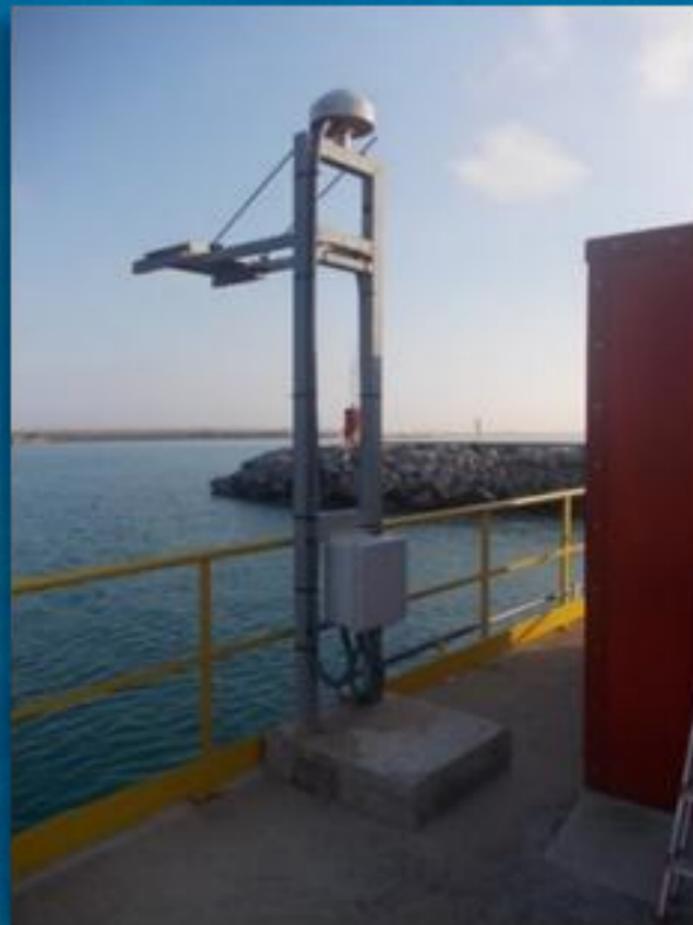
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Project Introduction



Project Scope and Funding

SEAMARCS is a 24-month project with a \$500,000 budget funded by Flanders Fund-in-Trust to strengthen East African sea level monitoring.

Targeted Countries

The initiative focuses on Kenya, Madagascar, Mozambique, and Seychelles to improve sea-level data collection and management.

Goals and Objectives

The project aims to deploy sea-level stations and build a regional network to enhance coastal resilience and disaster preparedness.

Global Integration

Collected data will feed into global systems like GLOSS and the IOC/VLIZ Sea Level Station Monitoring Facility (SLSMF) to support international oceanographic research and climate adaptation.



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Objectives and Strategic Alignment

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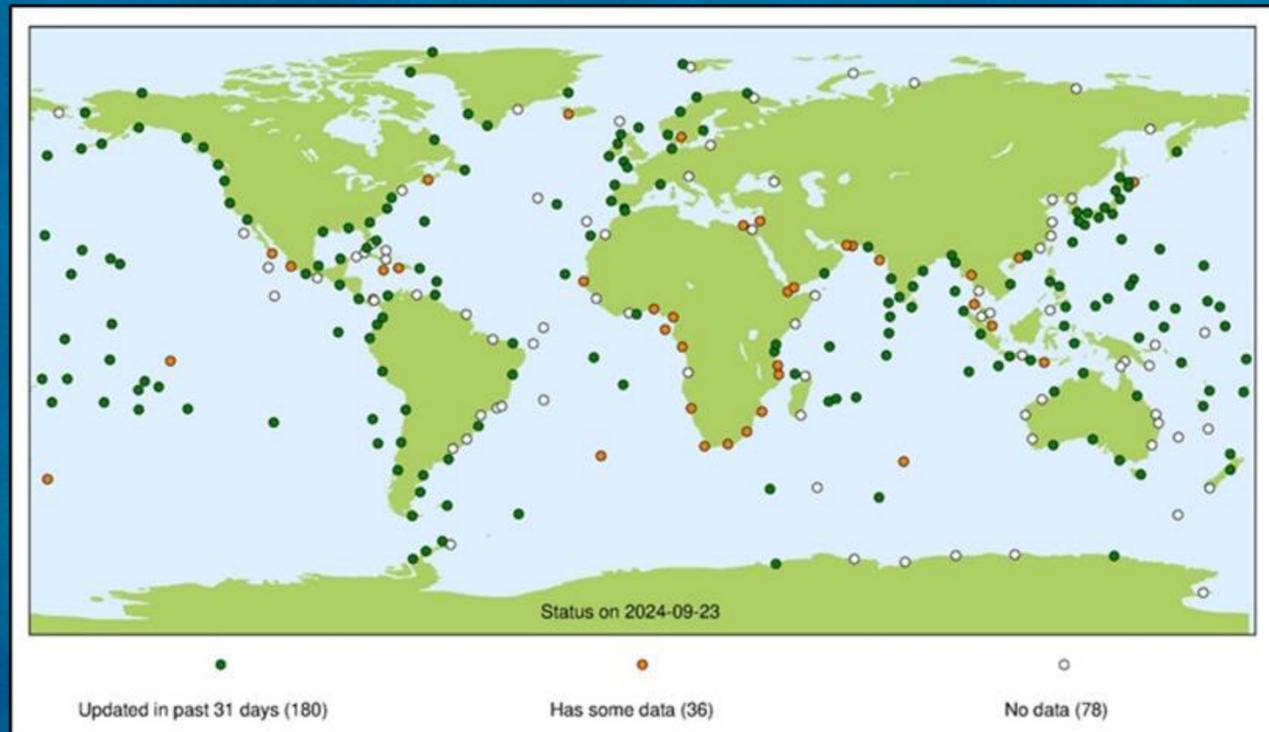
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Project Objectives



GLOSS Real Time Sea Level Monitoring Network Status at VLIZ-23 Sept 2024

Deploy Affordable Stations

Deploy and maintain cost-effective 'Sea Level Station in a Box' to enhance sea level monitoring infrastructure.

Build Technical Capacity

Conduct targeted training programs and workshops to build regional technical expertise in sea level data management.

Establish Data Network

Create a regional network of sea-level data operators to promote collaboration and knowledge sharing.

Integrate Global Systems

Integrate regional sea-level data into global systems like GLOSS and SLSMF for improved data accessibility.



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Strategic Alignment



Support for SDGs

SEAMARCS supports SDGs 9, 11, 13, 14, and 17 focusing on infrastructure, climate action, marine conservation, and partnerships.

Regional Frameworks

The project advances the African Union's Agenda 2063 and addresses Small Island Developing States' priorities.

Global Agreements Alignment

Alignment with Paris Agreement, Sendai Framework, and UN Early Warning for All Initiative strengthens global cooperation.

Enhancing Project Relevance

Strategic alignment ensures outcomes contribute to policy goals and boosts stakeholder engagement across governance levels.





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Key Activities and Expected Outcomes

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Key activities



Deployment of Monitoring Stations

~Ten sea-level monitoring stations are deployed across four countries to gather real-time environmental data.

Capacity Building Workshops

Regional and online workshops build technical skills for data collection and interpretation among participants.

Interoperable Data Platforms

Creation of integrated data platforms ensures seamless sharing and accessibility of sea-level information.

Stakeholder Engagement

Inception workshops and sustainability planning actively engage stakeholders to support long-term project success.



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Expected outcomes

Improved Data Integration

SEAMARCS enhances accessibility and integration of sea-level data into national policies and planning frameworks for better decision-making.

Strengthened Institutional Capacity

Targeted training and resources empower institutions to manage coastal resilience and data more effectively in East Africa.

Regional Collaboration and Sharing

SEAMARCS promotes data-sharing and cooperation among East African countries to improve regional coastal management.

Empowering Communities

The project supports coastal communities, including women and youth, by providing equitable access to capacity-building opportunities.



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Partners and Sustainability Strategy

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Project partners

National Partners' Roles

National institutions coordinate locally, collect data, and engage stakeholders to support SEAMARCS objectives.

International Partners' Contributions

International organizations offer technical expertise, training, and data integration to enhance project success.

Collaborative Impact

Combining local knowledge and global best practices creates a strong approach to sea-level monitoring and resilience



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Sustainability strategy



Institutional Ownership

SEAMARCS integrates sea-level monitoring within national frameworks for long-term management and sustainability.

Capacity Building

Training programs and mentorship promote skill retention and knowledge transfer among institutions.

Funding Diversification

Partnerships with private sector and international donors ensure diverse and sustainable funding sources.

Alignment with Global Agendas

The strategy aligns with the 2030 Agenda and African Union's Agenda 2063 for scalable, replicable impact.



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Thank you

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