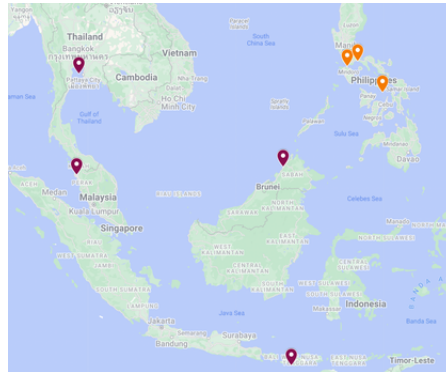


eCORE-SEAS

Enhancing Coastal Resilience in the South East Asia Seas

Regional Project - Background

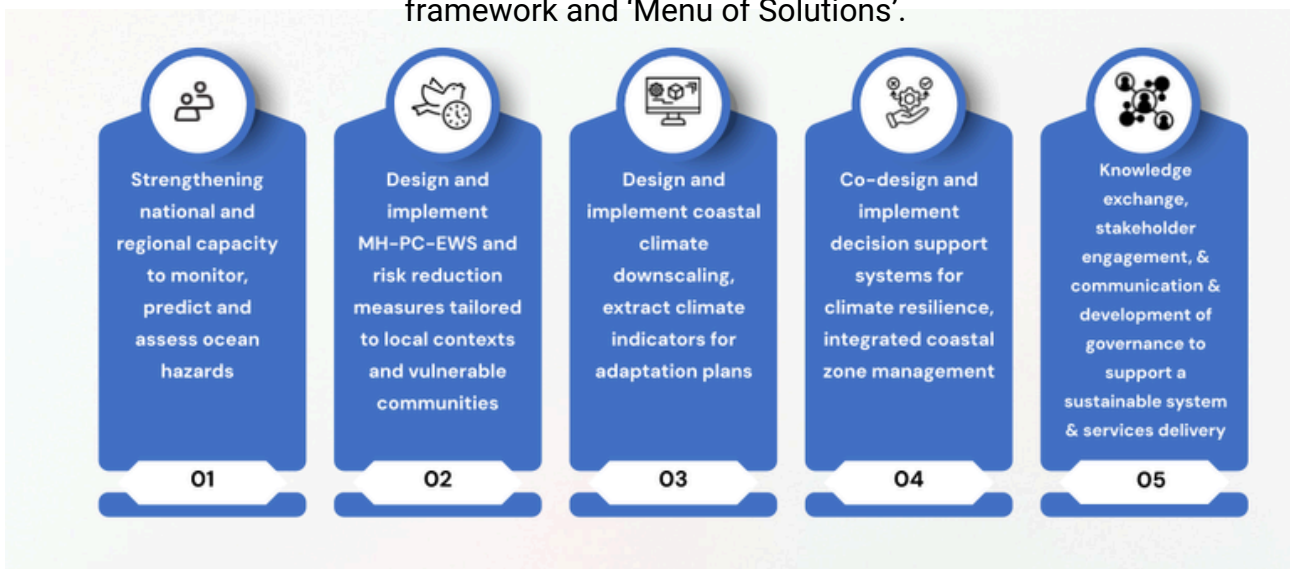
Pilot Sites in the eCORE-SEAS region



[Click here to see more detail on the GlobalCoast map](#)

Proposed Project Components

Aligning with other regional projects (Caribbean, Pacific Islands) for a global cohesive and collaborative approach, 'Building Blocks' under each Component will leverage existing best practices, standards and innovations through the CoastPredict Programme's framework and 'Menu of Solutions'.



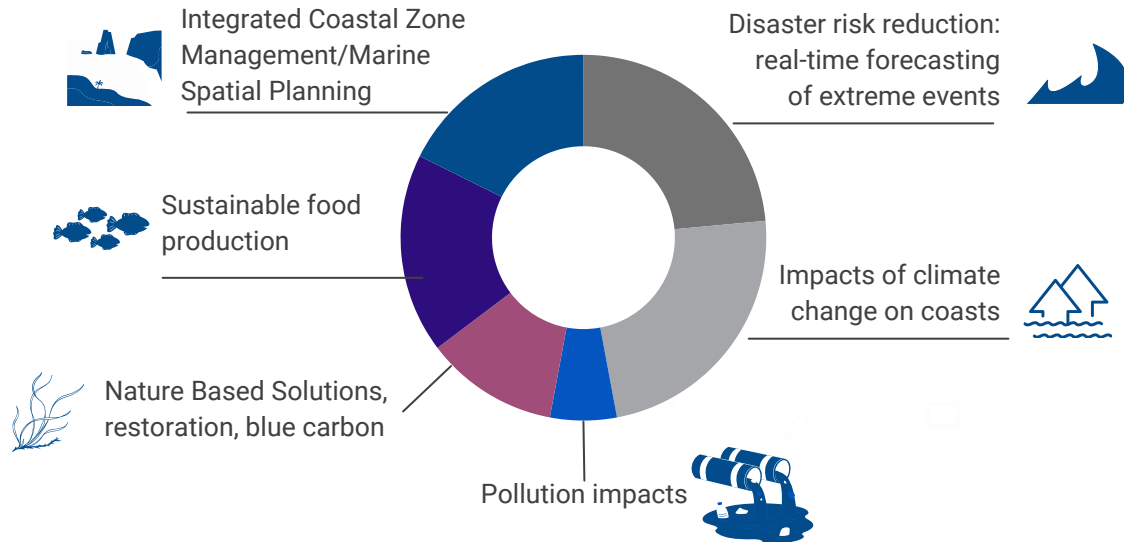
Proposed Project Structure

- 'Multilateral Implementing Entity' in the region
- IOC-WESTPAC as 'Executing Entity' for regional coordination and capacity enhancement of regional sub-commission
- Local partners in beneficiary countries as 'Executing' partners
- Engagement cross-sector for collaboration, e.g. meteorological, disaster management and coastal agencies

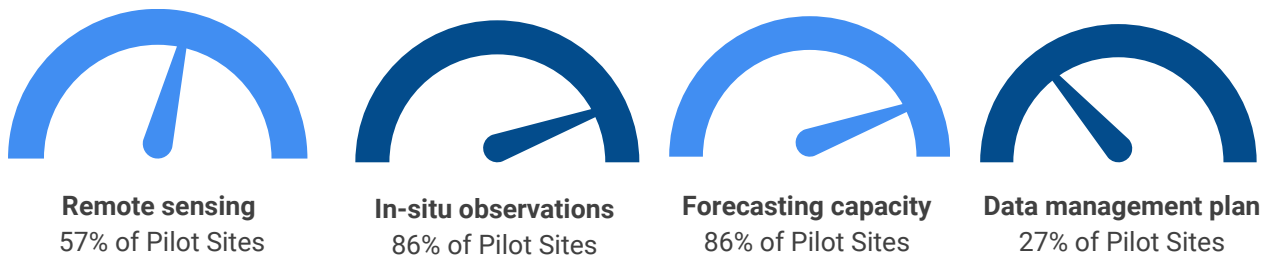
Background and Context - based on GlobalCoast survey of Pilot Sites -

eCORE-SEAS: Priority Impact Areas

Based on the priorities noted for Pilot Sites in the GlobalCoast Survey



eCORE-SEAS: existing capacity in Pilot Sites



eCORE-SEAS: specific needs noted in GlobalCoast survey

Time series including: water circulation (including high resolution surface ocean currents (zonal and meridional currents)), Sea Surface Temperature, water quality, productivity / chlorophyll-a, seagrass ecosystems data;

Forecasting / projections of water circulation, Sea Surface Temperature, sea level, water quality, productivity, seagrass ecosystem health and resilience, harmful algal blooms (e.g. red tide), oil pollution, biogeochemical conditions (considering particular management scenarios or potential changes due to climate change);

Linkage of time series and projections to **potential for coral bleaching**;

Maps of marine and coastal resources and characteristics incl. habitats, productivity, water circulation, SST, water quality;

Development of targeted conservation and management strategies for seagrass habitats