

MALDIVES

AE: TBD



GREEN
CLIMATE
FUND

GLOBAL
PROGRAMMING
CONFERENCE

Project title				
Identification of Disaster-Prone Zones in Maldives Islands for Land Use and Adaptation Planning				
Result areas	Sector	Total financing, USD	GCF financing, USD	Financial instrument
Health, Food and Water Security	Public/Private	[type amount here]	20Million	Grant/Loan /Guarantee/Equity
Description of specific climate change problem and how the project will address it	<ul style="list-style-type: none">• Fragile ecological profile, low elevation & economic dependence on limited sectors makes Maldives highly vulnerable to natural disasters and extreme climatic events.• Future climate projections indicate that extreme flooding events are likely to become more frequent in future.• Swell and tidal waves also cause flooding, causing extensive damage to critical infrastructure, property, household goods and livelihoods, as well as saltwater intrusion to groundwater aquifer and coastal erosion.• The objective of this project is to address the present data gaps and identify and rank the disaster-prone zones and propose adaption plan for the areas.			
Alignment with key country priorities and stakeholders engaged	NDC National Climate Change Policy Framework National Adaptation Plan of Action			

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Activities

- Conduct surveys of all islands of Maldives which include surveys on land use, topography, biodiversity, bathymetry, tides, currents and aerial surveys.
- Make information accessible for all relevant stakeholders through internet-based publication of collected data.
- Establish research and development of hydrodynamic modelling facility at Maldives National University to facilitate informed decision making in design of shore protection measures.
- Establish training programme on land surveying at Maldives National University.

Expected outcomes

- Enhanced capacity for planning and design of climate resilient infrastructure and adaptation measures.
- Enhanced capacity for coastal protection, coastal zone management and flood control

Paradigm shift potential

- The proposed project will strengthen the evidence base of climate impacts on the Maldivian islands and facilitate a paradigm shift towards climate resilient development.