

 Early Warning System

ADB-58393-001

Strengthening Coastal Protection and Food Security for Rural Climate
Resilience



Quick Facts

Countries	Marshall Islands
Financial Institutions	Asian Development Bank (ADB)
Status	Proposed
Bank Risk Rating	B
Borrower	Government of the Marshall Islands - Ministry of Finance, Banking and Postal Services
Sectors	Climate and Environment
Investment Type(s)	Grant
Investment Amount (USD)	\$ 14.50 million
Project Cost (USD)	\$ 14.50 million



Project Description

According to the Bank's website, the project will have the following outcome: climate resilience of communities and natural ecosystems increased. The draft outputs and components are as follows.

Output 1: Institutional capacity to sustain a long-term and resilient planning process enhanced. This output will address the NAP priorities under Decision Point 1 i.e., measures to build national readiness and capacity to plan for an anticipated 0.5 m-rise in sea level before 2070, including: (i) country-wide discussions to identify and agree on measures to secure land for relocation against the risk of sea level rise, including community agreement for the potential use of traditional lands; (ii) institutional and policy reforms to streamline government roles and responsibilities and scale up climate adaptation measures, focusing especially on the natural resources sector; (iii) capacity building for government agencies to strengthen coordination and adaptive planning, project management and climate financing; (iv) stakeholder mapping and awareness programs about climate change including for communities, CSOs, women, the poor, and vulnerable to build public awareness of projected climate impacts and support community identification of adaptation measures; and (v) scaling up the role of the private sector for adaptation planning, including capacity building for local contractors for compliance with RMI construction codes and to partner with international contractors.

Output 2: Technical solutions for adaptation planning strengthened. This output will: (i) conduct detailed climate change impact modeling and mapping of flooding, erosion, groundwater resources, natural habitats, ecosystems, and land use for selected semi-urban and rural atolls to establish a platform of publicly available updated data and assessments to guide near- and medium-term adaptation planning under the NAP; (ii) identify lessons from ongoing coastal protection activities; (iii) prepare atoll- and sector-specific adaptation plans aligned with NAP priorities and guidelines, focusing especially on community farming and fishing, commercial fisheries, coastal protection, and conservation and restoration of habitats and reefs including measures to address existing threats which undermine adaptation efforts; (iv) prepare a national investment roadmap and financing plan, including follow-up projects, costs, financing, and stakeholders including the private sector, CSOs, and development agencies to catalyze implementation of near- and medium-term priorities of the NAP; and (v) design of monitoring systems (including provision of digital technology) to measure climate impacts to natural resources and water and food security at selected locations.

Output 3: Ecosystem-based and hybrid approaches for coastal protection demonstrated. This output will implement small-scale pilots of NbS and hybrid works for selected atolls and sectors by applying the technical assessments and draft adaptation plans prepared under output 2. Components are anticipated to include: (i) measures to sustain community-led agriculture (crops and agroforestry) and fishing under climate change, through traditional farming and fishing systems integrated with restoration of coastlines and natural habitats; (ii) measures to improve the sustainability of the commercial fisheries sector under projected climate change, linked with reef restoration and marine protected area management; (iii) small-scale hybrid measures, including engineering, to protect groundwater and rural and urban infrastructure from coastal flooding and which can be scaled up to build longer-term adaptation to sea level rise; (iv) piloting the use of local aggregates and construction waste for the project works, to reduce costs and dependence on imported materials; (v) establishing monitoring systems to evaluate the feasibility of solutions and benefits to communities; and (vi) dissemination of project findings and lessons to national and international stakeholders.

ADB value addition. The NAP is prioritized by the government as a national 'survival plan to address climate change, and the project will be the largest to support the NAP. The project emphasis on nature-based as well as structural measures addresses the need highlighted in the NAP for holistic solutions to climate change. It complements other development support to the RMI, which has largely focused on urban atolls and sectors and structural solutions (e.g., seawalls) (see Development Coordination). The climate assessments under the project will be informed by best-practice science, local knowledge, consultation, and collaboration with local and international stakeholders: and will serve as a public resource. This will strengthen the project's



Early Warning System Project Analysis

Environment: B

Involuntary Resettlement: C

Indigenous Peoples: C



Investment Description

- Asian Development Bank (ADB)

Grant (Asian Development Fund): US\$ 14.50 million



Contact Information

No contacts available at the time of disclosure.

ACCESS TO INFORMATION

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