

**United Nations Development Programme**  
**Country: Papua New Guinea**  
**2020 Annual Work Plan**

**Project Title:** Investing in Coral Reefs and Blue Economy (Project ID: 00106023)

**UNDAF/ Expected CP Outcome(s):** By 2022, PNG has strengthened legislative and policy frameworks with institutional support for natural resources management including climate change mitigation, adaptation and disaster risk reduction. PNG has also enhanced capacity to address climate and disaster risks, deliver clean and affordable energy, improve management and conservation of forest and marine ecosystem.

**Implementing Partner:** Conservation Environment Protection Authority

### Brief Description

The Initial Plan of the Joint Programme, Investing in Coral Reefs and Blue Economy is to support all preparatory work required to draft and finalise all documentation required by SDG and MPTFO. This work is required to start in August 2020 and end in November 2020. The work to be undertaken will require technical reviews, consultation with stakeholders to collect information for the baseline of the project document.

The Joint Programme, Investing in Coral Reefs and Blue Economy proposes scaled interventions across four countries (Fiji, Papua New Guinea, Philippines, and Samoa) to offset the loss of coral reefs and catalysing blue economy initiatives for marine stewardship. Through this Joint Programme, UN organizations, national governments, businesses, philanthropists and investment partners will launch targeted programming to leverage financial capital and investments for a blue economy centred on coral reefs.

Coral reefs are at the frontline of climate change, subjected to multiple anthropogenic threats such as over-fishing, pollution, and coastal development. Without bold, decisive action we may lose 70% to 90% of our remaining reefs, compromising the livelihoods and security of hundreds of millions of some of the most vulnerable people (IPCC 2018). The global investment required for coral reefs is five times greater than current funding levels (CBD High-Level Panel).

Considering that ecosystem services from coral reefs are valued at 375 billion USD per year, more needs to be done to protect, recover, and transform these valuable ecosystems. Thus, the expected results by the end of the Joint Programme period are to address this gap by:

- (1) Executing targeted investments across instruments, including MPA financing, reef insurance, blue enterprise funds, bonds, recoverable grants, and grant financing.
- (2) Establishing a diversified pipeline of investments, loans and grant opportunities.
- (3) Demonstrating proof of concept for scalable business models to catalyse further investment for reef protection and the blue economy.
- (4) Creating, measuring and verifying positive impacts to vulnerable coastal communities and the environment.

PNG's coral reefs are of global significance. They lie at the epicenter of the Coral Triangle. These reefs are home to over 1500 species of coral reef fish and at least 514 species of coral. The reefs are critical for PNG's coastal communities, providing food security, protection from coastal erosion and provide livelihoods for tourism and fisheries. Unlike many other countries in the region, much of PNG's reefs remain intact highlighting the need for urgent action to limit degradation.

The Joint Programme will have an impact on multiple SDGs directly and indirectly, including but not limited to:

- (1) Restored reef systems, and stewardship of its marine environment (SDG 14 and 13), producing a sustainable source of protein (SDG 2, 3 and 12) for coastal communities and marine ecosystems.
- (2) Demonstrating innovative partnerships with the private sector, showcasing new inclusive business models (SDG 17), thereby creating more diversified and resilient livelihoods opportunities for coastal communities (SDG 1 and 8).
- (3) Capacity development support to communities to provide greater access to information, markets and opportunities (SDG 4 and 10).
- (4) Championing new blue economy businesses established by women and youth (SDG 5).

The project addresses the blockage in private capital as no dedicated global financial instrument exists to protect coral reefs or their communities holistically. The financial landscape is fragmented naturally risk adverse. The project will focus efforts and resources to blue economy solutions by establishing a portfolio that shows how new, large-scale solutions. This will demonstrate proof of concept for investments in coral reefs, reduce risk, and integrating coral reef finance into broader investment portfolios.

To achieve this transformative change the Joint Programme will promote a 'protect-recover-transform' approach in priority locations. This would include protecting functioning and healthy reef systems, helping coral reefs to recover from human activities and bleaching, which will help transform coastal communities by implementing sustainable fishery management, alternative livelihoods, and reef-first business models

To achieve the Protect-Recover-Transform vision, the Joint Programme is designed with the following three priority outcomes in mind: Outcome 1: Technology and innovation; Coral reef restoration and adaptation technology is scalable, cost-efficient and applicable to a variety of contexts, with proven outcomes for ecological resilience. Outputs: Restoration technologies developed and piloted, Strategies for high-impact restoration, Identification of priority restoration sites. Outcome 2: Instruments for reef protection and the blue economy; Private sector-led investment in reef protection and restoration is combined with targeted public financing to support urgent conservation and restoration efforts. Outputs: Local tourism levies, reef risk insurance, impact bond. Strengthened national policy framework based on robust business case for coral reef restoration and maintenance that is integrated into existing protected area policy and legislation. Outcome 3: Sustainable livelihoods; Reduced reliance on degraded coral reefs and associated ecosystems in highly reef-dependent communities. Outputs: Community-based projects for sustainable fisheries, aquaculture, eco-tourism and marine pollution, Sustainable value chain development and educational programmes to support opportunities for alternative livelihoods, Communication and educational campaigns to drive and sustain behavioural change.

Programme Period: 2018-2022  
Key Result Area (Strategic Plan): Environment,  
Climate Change and Disaster Risk  
Management

Atlas Award ID: 00104487  
Project ID: 00106023

Start date: 01 August 2020  
End date: 30 November 2020

PAC Meeting Date:  
Management Arrangements: CO Full Support


Total resources required US\$ 100,000  
Total allocated resources: US\$100,000

Regular (UNDP TRAC): Nil

- Other:
  - SDG Regional: US\$ 100,000
  - Donor
  - Donor
  - Government

Unfunded Contribution: \_\_\_\_\_

In-Kind Contributions: \_\_\_\_\_

 09-Aug-2020

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Agreed by (UNDP): Dirk Wagener, UNDP Resident Representative

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## I. ANNUAL WORK PLAN

EXPECTED OUTPUTS And baselines, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAMES				RESPON- SIBLE PARTY	PLANNED BUDGET					
		Q 1	Q 2	Q 3	Q 4		Fund ID	Donor Name	Account Code	Budget Description	Amount (in USD)	
Project Preparation Fund for the Joint Programme Investing in Coral Reefs and Blue Economy	<b>Activity Result 1 (Outcome 1).</b> Finalising the Proposal and Project documentation with all documentation required for SDG Regional endorsement											<b>100,000</b>
<b>Indicator:</b> Final Project Proposal 31 <sup>st</sup> Oct 2020  <b>Baseline:</b> Project document on Investing in Coral Reefs and Blue Economy. <b>Score:</b> 0  <b>Targets:</b> Project document on Investing in Coral Reefs and Blue Economy is developed, launched and endorsed	Output 1.1: Convene of meetings and consultations for drafting of the project document					UNDP	30000	FC2 2020 12994	71200	International Consultant	60,000	
	Output 1.2: Finalising of the project document Finalising of the Project documentation					UNDP	30000	FC2 2020 12994	71600	Travel	20,000	
						UNDP	30000	FC2 2020 12994	72100	Contractual Services-Companies	10,000	
						UNDP	30000	FC2 2020 12994	74500	General Operational Cost for CO-GOE	3,458	
						UNDP	30000	FC2 2020 12994	75100	General Management Service-GMS	6,542	
<b>Grand total</b>											<b>100,000</b>	