

Blue Halo S – Blue Ecosystem Adaptation Mechanism (BEAM)

ANNEX 25: Alignment with GCF USP2 Targets

Annex 25 describes contributions of the BEAM Project to the Green Climate Fund's USP2 targets.

T1 READINESS: Over 100 countries supported to advance NDC/NAP/LTS implementation through integrated climate investment planning and/or developing high quality climate project pipelines for GCF.

- One country supported (Indonesia)

T2 DAEs: Doubling #DAEs with approved FPs and increased DAE portfolio allocation.

- Not Applicable.

T3 CIEWS: 50 - 60 countries particularly vulnerable protected by new or improved EWS.

- Not Applicable

T4 FOOD: 190 - 280 M beneficiaries adopting low-emission climate-resilient agricultural and fisheries practices, securing livelihoods while reconfiguring food systems.

- Through improvements to fishing practices and the ecosystems that contribute to productive fisheries, BEAM will improve the livelihoods and food security of **355,800 direct beneficiaries** across the coastal region adjacent to fisheries area WPP572. BEAM also targets more than **1M indirect beneficiaries** (fishers, mariculture actors, and marine ecotourism employees) who are expected to benefit from an improved policy and regulatory environment in WPP572 during the project implementation period, rising to over **10M indirect beneficiaries** expected to benefit across Indonesia over the project lifespan.

T5 ECOSYSTEMS: 120 - 190 million hectares of terrestrial and marine areas conserved, restored or brought under sustainable management.

- The BEAM Project will conserve, restore or bring under improved management approximately **4,320,000 hectares** within or adjacent to WPP572.
 - Expansion of MPA areas (new and expansion of existing MPAs) = 3,000,000 ha
 - Improved management of existing MPAs = 1,320,000 ha
 - Restoration / rehabilitation of ecosystems (mangroves and seagrasses) = 291 ha

T6 INFRASTRUCTURE: 45 - 60 countries supported to develop/secure low-emission climate resilient infrastructure, through systemic and/or country-driven resilience planning, funding and/or de-risking of investments, including those that draw on nature-based solutions

- Not Applicable

T7 CLEAN ENERGY: 20 - 30 countries supported to expand access to sustainable, affordable, resilient, reliable RE, particularly for hardest to reach, and/or to increase RE sources in the energy mix

- **(1) Country** – grants to provide solar powered refrigeration / ice making systems will be provided to fishers through the Component 2 on-grant facility to increase fish catch value and reduce loss and waste.

T8 TRANSPORT, ENERGY, BUILDINGS: 18 - 25 countries supported to shift toward clean and efficient energy end-use, including through electrification, decreasing energy consumption, novel solutions and emerging technologies

- Not applicable

T9 ADAPTATION & LOCALLY-LED ACTION: 40-70 approved adaptation FPs, including for locally-led adaptation action

- **(1) Cross Cutting FP** – the BEAM project focuses on locally led adaptation, with beneficiary groups designing adaptation interventions that best meet their needs, to be funded through the Adaptation window of the on-grant facility in Component 2.

T10 INNOVATION & MARKET CREATION: 900 - 1500 local private sector early-stage ventures and MSMEs provided with broad-based seed and early-stage capital for innovative climate solutions, business models and technologies, with a focus on adaptation, energy access and transport sectors, and removing barriers for home-grown innovation

- Through support to the BLU LPMUPK under Output 2.3, BEAM will support increased access to finance for an additional (above baseline) **200 marine economy MSMEs** in fisheries area WPP572. BEAM will also provide direct grants and capacity building to businesses in WPP572 that apply for funding / in-kind support under the Adaptation and Mitigation windows of Component 2, however the number of MSMEs that will apply for this funding is not yet known.

T11 GREENING FINANCE: 90 - 180 national and regional financial institutions supported to access GCF resources, and other green finance, particularly for MSMEs

- BEAM will build the capacity of **BLU LPMUPK**, (1) microfinance institution under the Ministry of Maritime Affairs and Fisheries (MMAF / KKP) to enhance access to finance for fishers and coastal/marine enterprises.