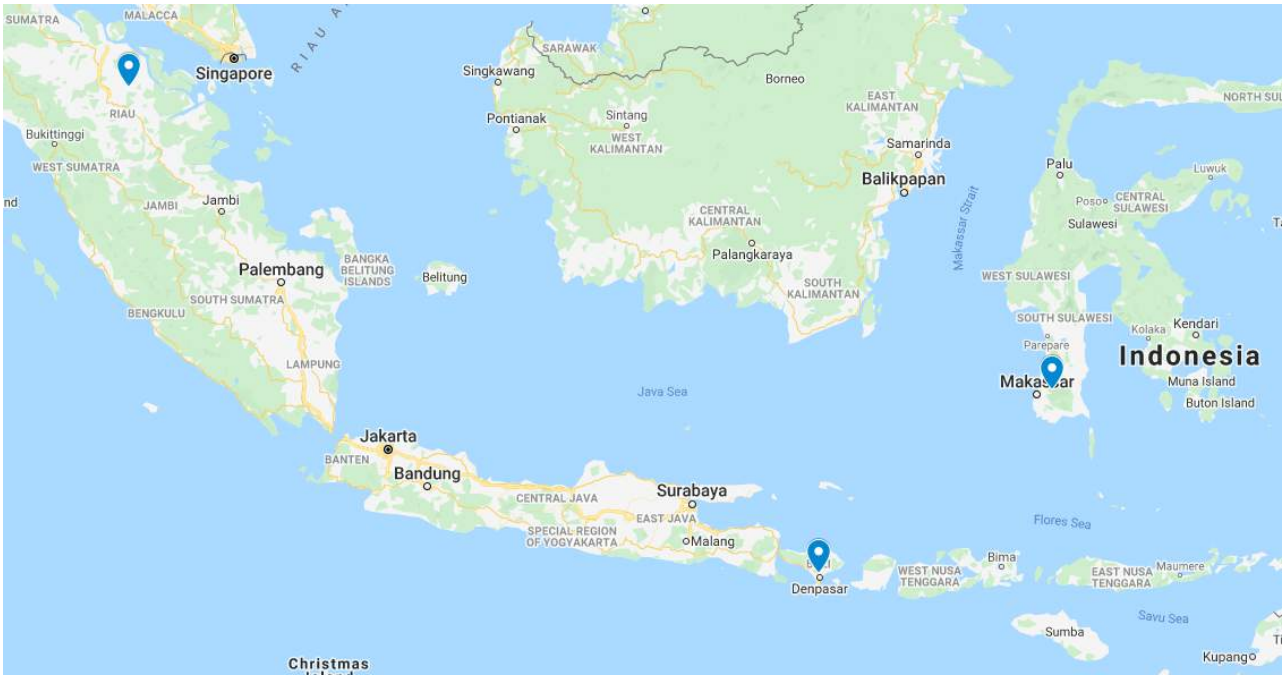
PROJECT SUMMARY

Innovative Solutions for Climate Change and Biodiversity Landscape Strategy to Support SDGs in Indonesia (AFoCO/023/2021)

Duration	2021-2024
Budget	US$ 800,000 (AFoCO: US$ 700,000; National: US$ 100,000)
Priority Area	(Primary) Priority Area 2 – Supporting research and development in climate change approaches (Secondary) Priority Area 1 – Initiating customized restoration and reforestation models
Project Sites	(1) 10 ha demo plot in tropical peatland forests managed by Kepau Jaya FWSP, Kampar District; and capacity development activities in areas managed by Minas Tahura Forest Management Unit, in Siak District, Riau Province (2) 10 ha demo plot in mangrove ecosystem area managed by Amplang Plampang Forest Management Unit, in Sumbawa District, West Nusa Tenggara Province (3) 10 ha demo plot in karst and lowland ecosystem areas managed by Bulusarang Forest Management Unit, in Maros district, South Sulawesi Province



Goal of Project:

Introduce innovative solutions on sustainable management practices and enhance the capacities of Forest Management Units (FMUs) and local communities on contributing to Indonesia's emissions reduction targets and improve biodiversity landscapes to support the achievement of the Sustainable Development Goals (SDGs), in particular SDGs 1, 8, 13 and 15.

Objectives:

a) Establish baseline information by mapping the existing biophysical (spatial temporal), socio-economic condition (before and after the project), and potency of natural resources in the three study sites in the beginning of the project;

b) Develop the *Long-term Forest Management Plan 2025-2035 based on Climate Change Mitigation and Adaption* for each FMU through workshops and district- and provincial- level policy dialogues;

c) Develop demonstration plots of at least 10 ha in each study site for carbon stock enhancement in FMUs or Forest Area with Specific Purpose (FWSP/KHDTK) areas;

d) Transfer techniques and raise awareness of project model establishment to relevant stakeholders through synthesis of knowledge and experiences, recommendations on policy practices, and dissemination of project outputs.

Main Activities:

- Collect and analyze data and information on biophysical conditions including carbon stock and emissions data
- Survey and assess data on socio-economic conditions at the beginning and end of project
- Investigate and conduct value chain and market analyses of potential commodities
- Conduct capacity building on GIS and RS technologies; carbon stock accounting and emissions reduction; ecotourism; and startup and online business for FMU officers and personnel
- Conduct workshops and consultations to develop drafts of *Long-term Forest Management Plan 2025-2035 based on Climate Change Mitigation and Adaptation* for three participating FMUs
- Carry out discussions at the farmer-level to decide on tree species through participatory approaches and establish demonstration plots at each project site
- Organize workshops for project partners and produce materials for dissemination of knowledge and techniques on the project models
- Carry out regular reporting and project management activities (field trips and PSC meetings) for monitoring and evaluation purposes

Expected Outputs:

- Map of existing biophysical condition and baseline data of biophysical condition of three study sites (Riau, West Nusa Tenggara, and South Sulawesi) produced through GIS mapping and analysis
- Current status and baseline data of socio-economics condition of three study sites (Riau, West Nusa Tenggara, South Sulawesi)
- Commodities that have good market opportunities identified in three study sites
- Improved capacities of local communities in commodity production and marketing
- Strengthened capacity of FMUs and communities in long-term climate change-forestry strategy development
- Drafts of *Long-term Forest Management Plan 2025-2035 based on Climate Change Mitigation and Adaptation* for three participating FMUs prepared for subsequent official approval
- Demonstration plots in 3 forest type (tropical peatland, mangrove, karst) established in three sites at least 10 ha each site to contribute to increased carbon storage
- Demonstration plot at each project site is well maintained and monitored at the intervals of 6 months after planting
- Technique and awareness of project model transferred to project stakeholders through workshops, policy briefs and publications

Photos:

Photos from demo plot managed by Bulusarang FMU in in Maros district, South Sulawesi Province – members of local communities have been taught how to measure tree growth to ensure efficient monitoring (October 2023)

Photos from demo plot managed by Amplang Plampang Forest Management Unit, in Sumbawa District, West Nusa Tenggara Province (June 2023)

Photos from demo plot managed by Kepau Jaya FWSP, Kampar District, Riau Province (June 2023)