



From the People of Japan



Government of Samoa
Malo o Samoa



Green Transformation Initiative

CAP-IT PROJECT

Climate Action Pathways for Island Transport

UNDP plays a vital role, conducting site surveys, crafting custom solar-powered EV charging systems, and procuring EVs and electric maritime transport systems for Samoa's transportation needs. UNDP conducts high-level briefings, technical workshops for stakeholders, and has developed a battery disposal strategy for the Pacific region.

Inspiring a movement for 1000 Islands



LAND & TRANSPORT DECARBONIZATION

- 40+** Green Energy Preliminary Site Surveys completed
- 15+** Meetings with local service centres conducted
- 40+** Outreach contacts to create a holistic market research
- 76** Smart EVs as part of the project in Samoa and EVSE payment and billing system
- 3** Solar Charging stations proposed



MARITIME TRANSPORT DECARBONIZATION

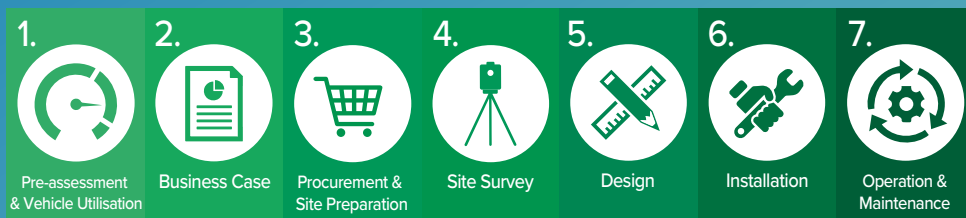
- Scoping mission of low-carbon maritime transport completed
- High-level briefings to all stakeholders in Samoa
- Low-carbon maritime solution feasibility study delivered
- Procurement of locally built new boats solution launched



RESEARCH & CAPACITY BUILDING

- Electric flatbed, pickup, firefighter trucks, vans, SUVs in procurement by UNDP
- First proposed electric boat project with UNDP
- Technical workshops with governmental agencies and community engagement
- Guidelines for EV battery removal, storage, transport, disposal developed

7 STEP GREEN ENERGY SOLUTION FOR E-MOBILITY



Following the best practice recognized by the UN Joint Inspection Unit



ENERGY & MOBILITY

Electric Vehicles
Solar Charging
Vehicle-to-grid
Electric Boats



CONNECTIVITY

Cloud-based solution for fleet management



DATA & INTERNET OF THINGS

Sensors based technologies to monitor and analyze vehicles operating conditions

SECURITY

Cybersecurity components to secure data collection, storage and transmission



"The whole is greater than the sum of its parts" - Aristotle

Interconnecting Smart Technologies and People in the Pursuit of Economic and Social Development

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