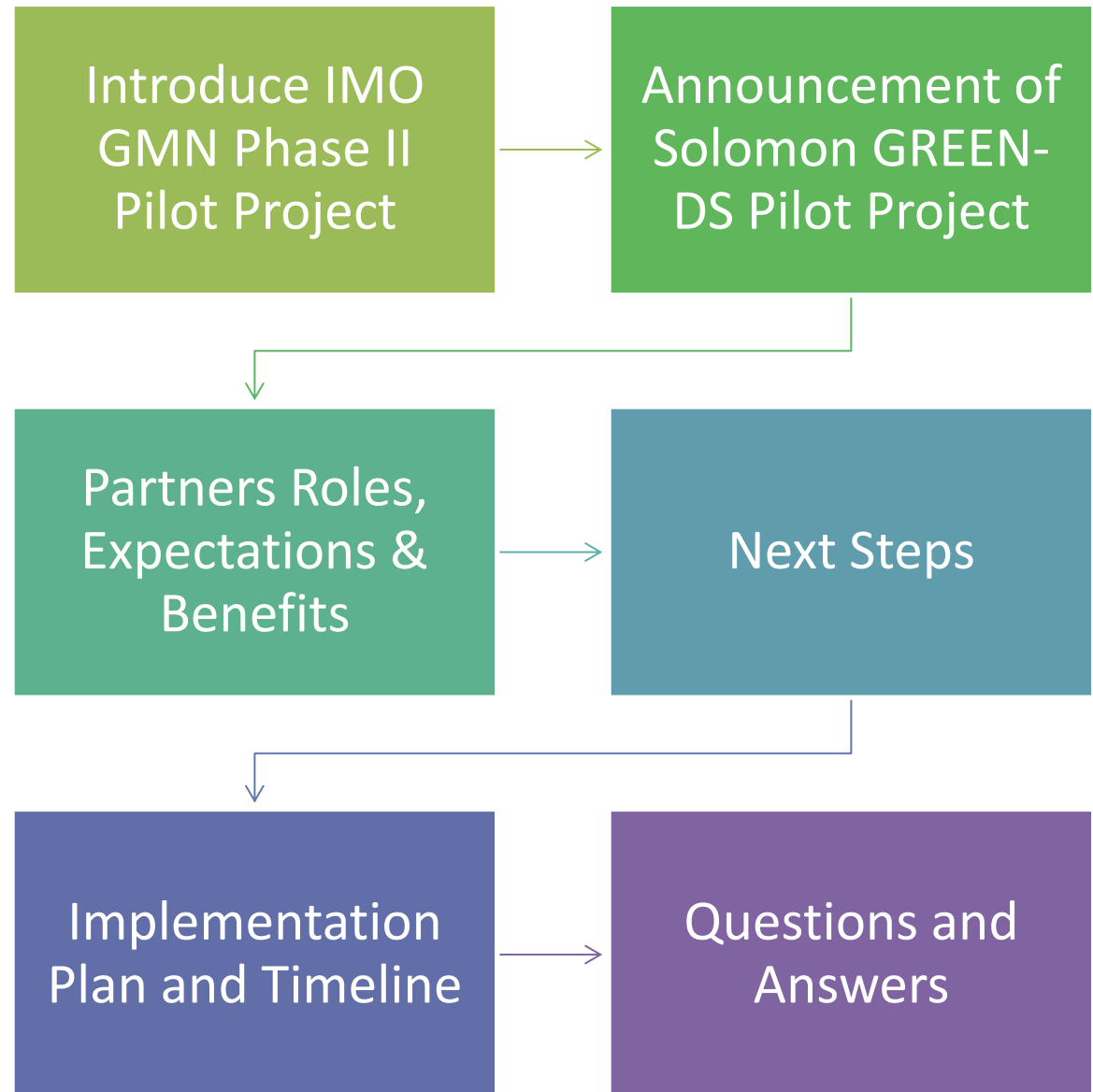




Solomon GREEN-DS Pilot Project

*GREEN-DS Pilot Project Inception Meeting
3 July 2026*

**WHY ARE
WE HERE?**



Project Background

Introduction

Submitted by SIMA with SIPA, SIMTA and UNSW as partners

Aims to demonstrate practical GHG reduction and energy efficiency in domestic shipping

Deliver *Solomon Islands Plan for a Sustainable Maritime Future*

Project outline

SIMA developed on of the pilot projects proposed in the *Solomon Islands Plan for a Sustainable Maritime Future*

Real-time monitoring of fuel oil consumption and vessel tracking

Implementation of energy efficiency operational measures

Sharing lessons learned and assess available technologies to reduce fuel oil consumption

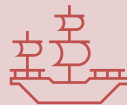
Pilot Ships



Ocean Joy – Malaita Route
~1,200 tCO₂e/year



Fair Lady – Western Route
~2,100 tCO₂e/year



Uta Princess II – Isabel Route
~800 tCO₂e/year



Target reduction: 5-10% fuel
use and GHG emissions

Project Announcement

- IMO selected Solomon Islands GREEN-DS pilot under GMN Phase II
- Approved pilot:
 - Enhance ship monitoring, fuel reporting and operational efficiency through AIS and fuel oil flow meters
 - Advice on available technologies and return on investment

Why Your Companies Were Selected

Regular domestic services on key national routes

Representative of ship types for future replication

Reliable operational information available for establishing a baseline

The goal is to analyse operational conditions, fuel oil consumption and advise on operational and technical measures to reduce fuel costs, and improve efficiency

IMO Implementation Support

1. Development of the Technical Specification and Terms of Reference (TOR)

- Work with SIMA and participating shipping companies to identify the most suitable FO monitoring technologies.
- Develop the technical specifications for procurement.

2. Procurement of the Pilot Technology

- Conduct IMO procurement process.
- Purchase the approved technologies and services required for the pilot project.

3. Installation and Commissioning

- Install the approved technologies on the three pilot ships.
- Ensure systems are operational and ready for use.

4. Training and Capacity Building

- Train vessel masters, engineers and crews.
- Build the capacity of SIMA officers and participating companies.
- Promote energy-efficient ship operations and fuel reporting.

SIMA-SIMTA-Pilot Ships Implementation Support

5. Monitoring, Reporting and Verification (MRV)

- Establish fuel consumption monitoring.
- Support collection and analysis of operational data.
- Measure fuel savings and greenhouse gas emission reductions.

6. Project Monitoring and Technical Support

- Provide technical oversight throughout implementation.
- Monitor project progress.
- Assist with troubleshooting and adaptive management.

7. Knowledge Sharing and Replication

- Document lessons learned (workshops-meetings).
- Share project outcomes nationally and regionally.
- Develop recommendations for scaling up energy-efficient domestic shipping in Solomon Islands.

UTA, FRANTJI and FAIRWEST Shipping Companies



Make your ship available
Nominate a company focal point



Facilitate installation of FO
monitoring technology and
AIS



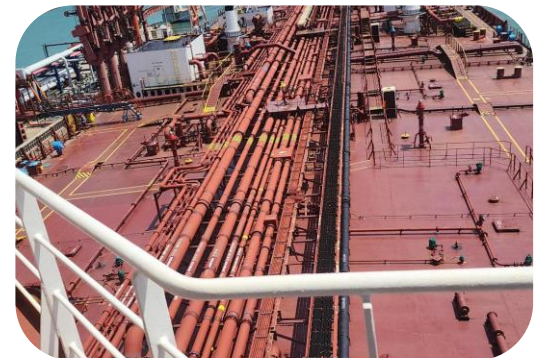
Facilitate
masters/engineers training
attendance incl. WIM



Share voyage information
(no. of pax, cargo, engine
operation, etc.)



Implement agreed
operational measures



Participate in monitoring,
evaluation and project
review

Project Implementation Plan and Timeline

July – December 2026

January 2026 – June 2027

Stakeholder
consultation

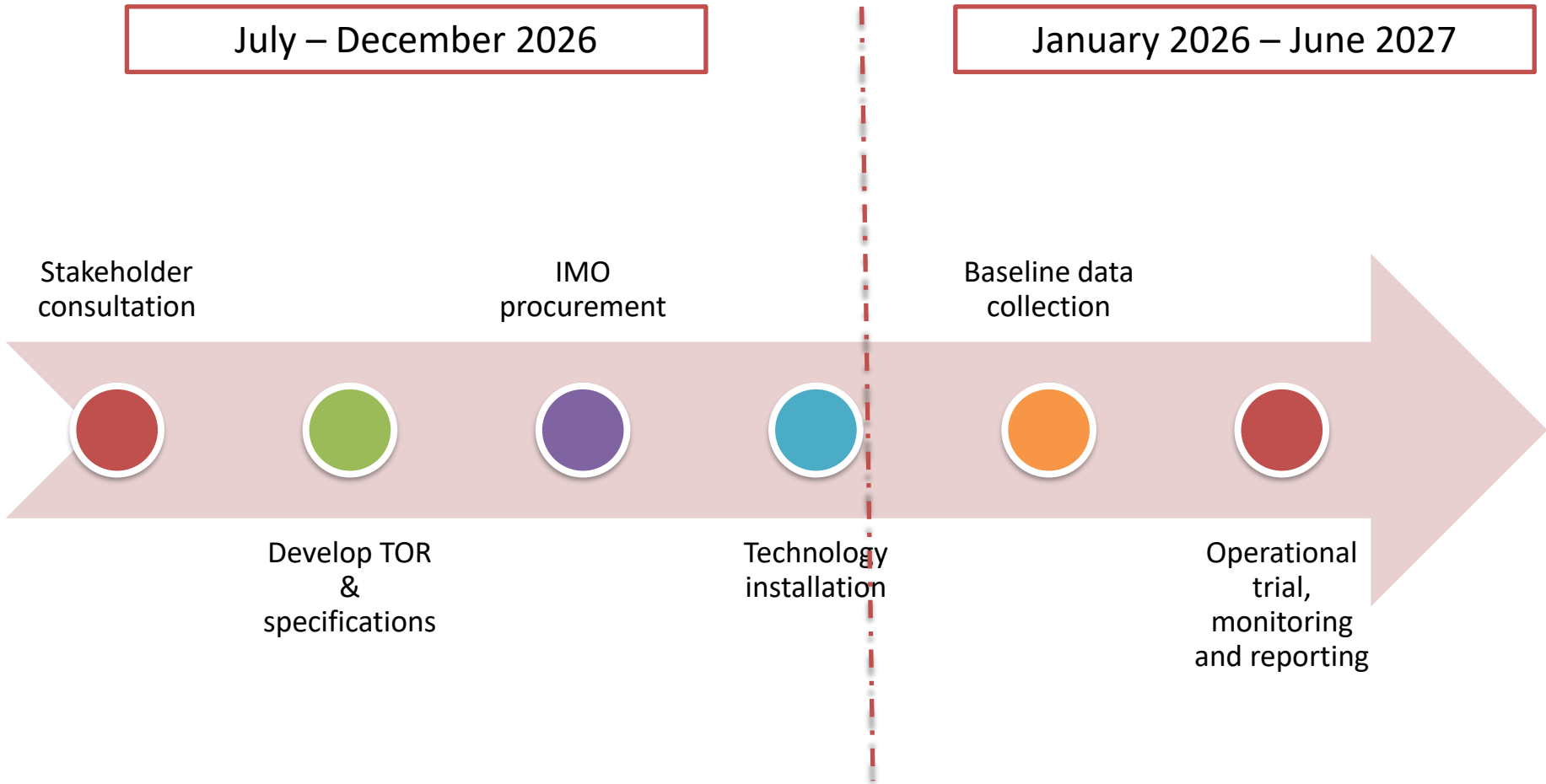
IMO
procurement

Baseline data
collection

Develop TOR
&
specifications

Technology
installation

Operational
trial,
monitoring
and reporting





TAGIO TUMAS

E contact@sima.gov.sb

P (677) 21 535

PO Box 1932, Honiara
Solomon Islands

www.sima.gov.sb