



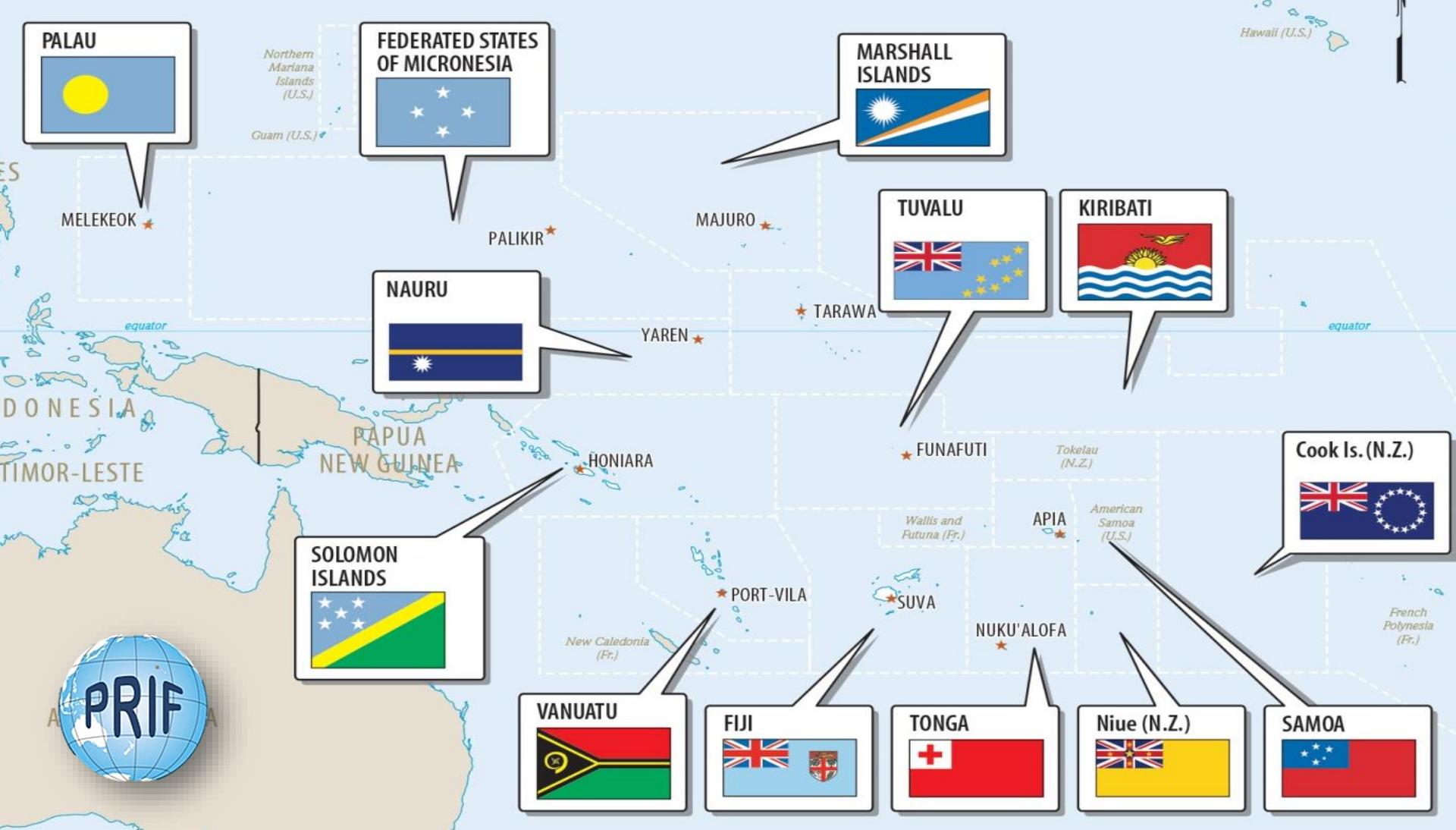
Pacific Region Infrastructure Facility



PRIF is a multi-development partner coordination, research and technical facility which supports infrastructure development in the Pacific



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Pacific Region Infrastructure Facility

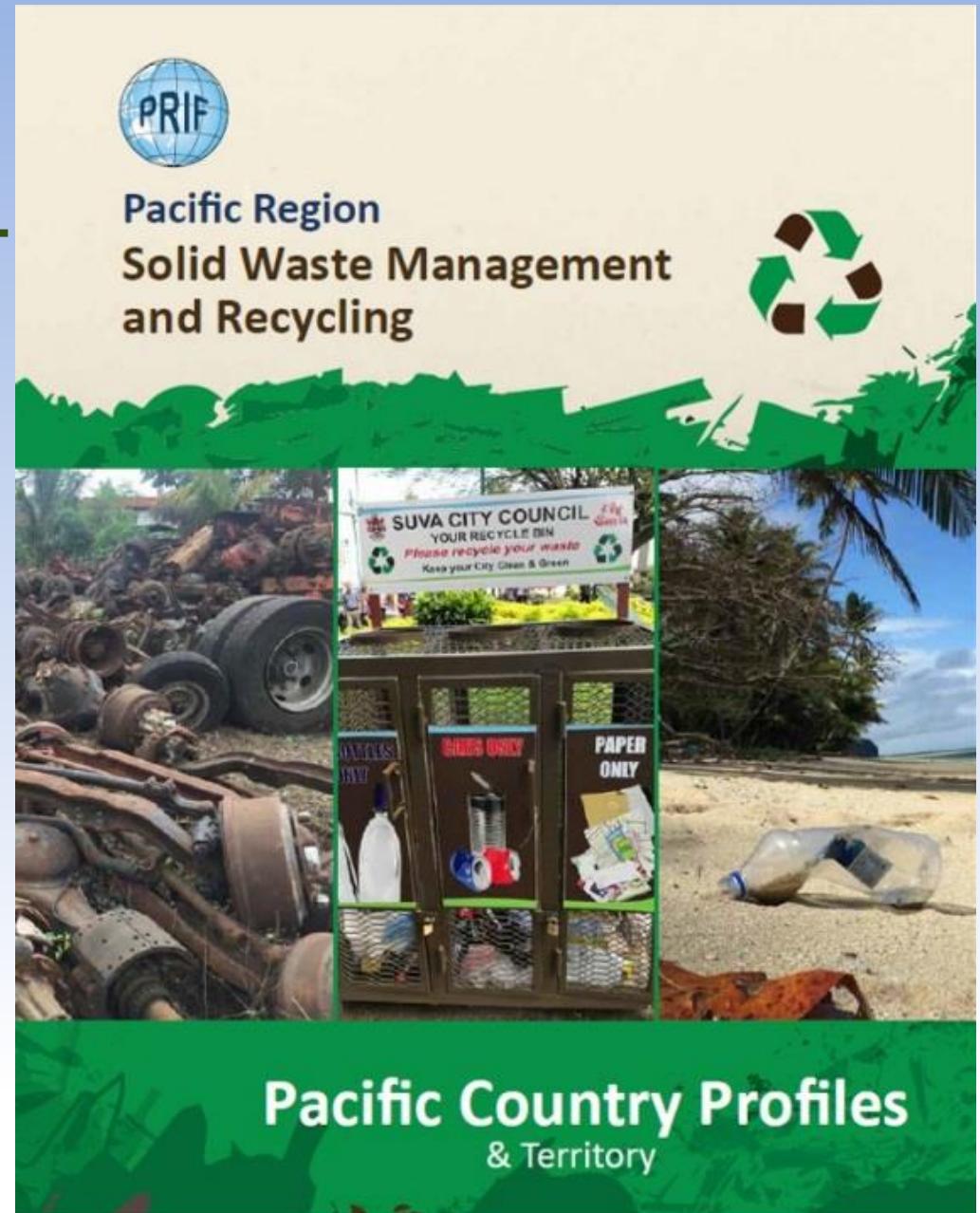
Regional Review of Solid Waste Management



Research phase..

PRIF study 2017/2018

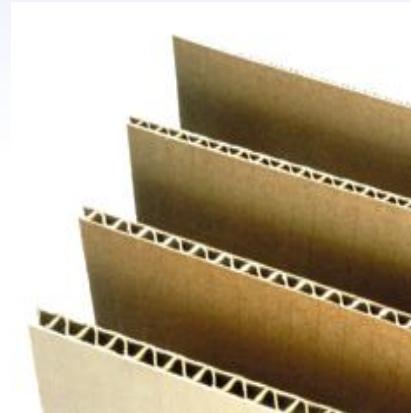
to identify and quantify the opportunity to improve the resource recovery of 15 recyclable commodities present in the solid waste stream in 15 Pacific island countries and territories.



The banner for the PRIF study features the acronym 'PRIF' in white on a blue globe icon. Below it, the text 'Pacific Region Solid Waste Management and Recycling' is displayed in blue and black. A green recycling symbol is in the top right. The banner is divided into three sections: a close-up of discarded metal scrap on the left, a recycling bin labeled 'SUVA CITY COUNCIL' in the middle, and a beach scene with trash on the right. A green banner at the bottom reads 'Pacific Country Profiles & Territory'.

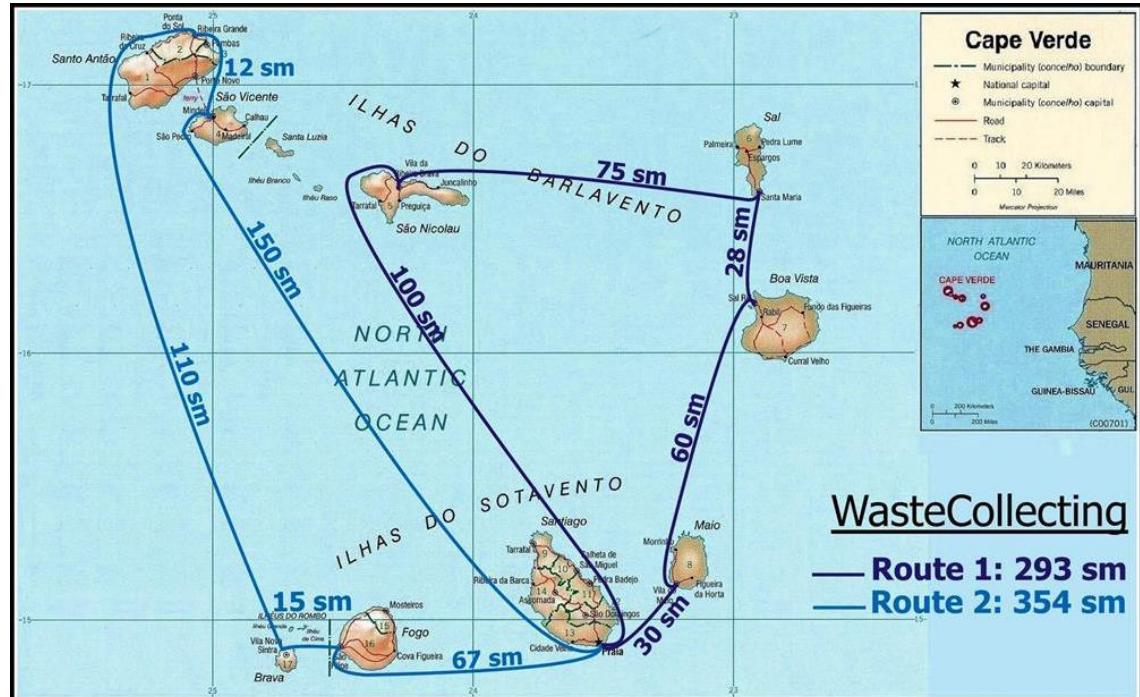


Material scope



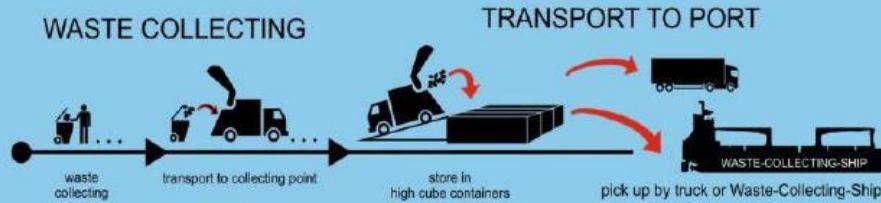
..an integrated regional Network ?

Commercial shipping options = \$



Swire / CNCo offer
- Free shipping from certain ports for certain commodities.

WHY IS A SHIP THE SOLUTION ?

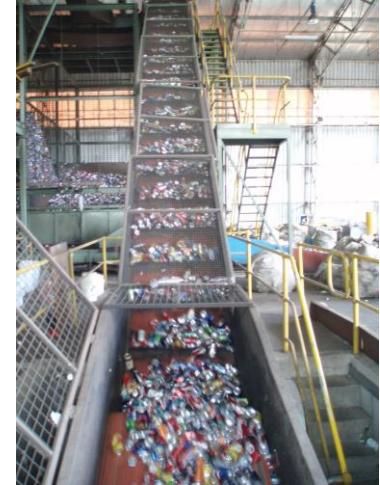


PORT - WASTE PROCESS SHIPS AT PIER

sorting and anaerobic digestion plant
including CHP to use of biogas and th. energy



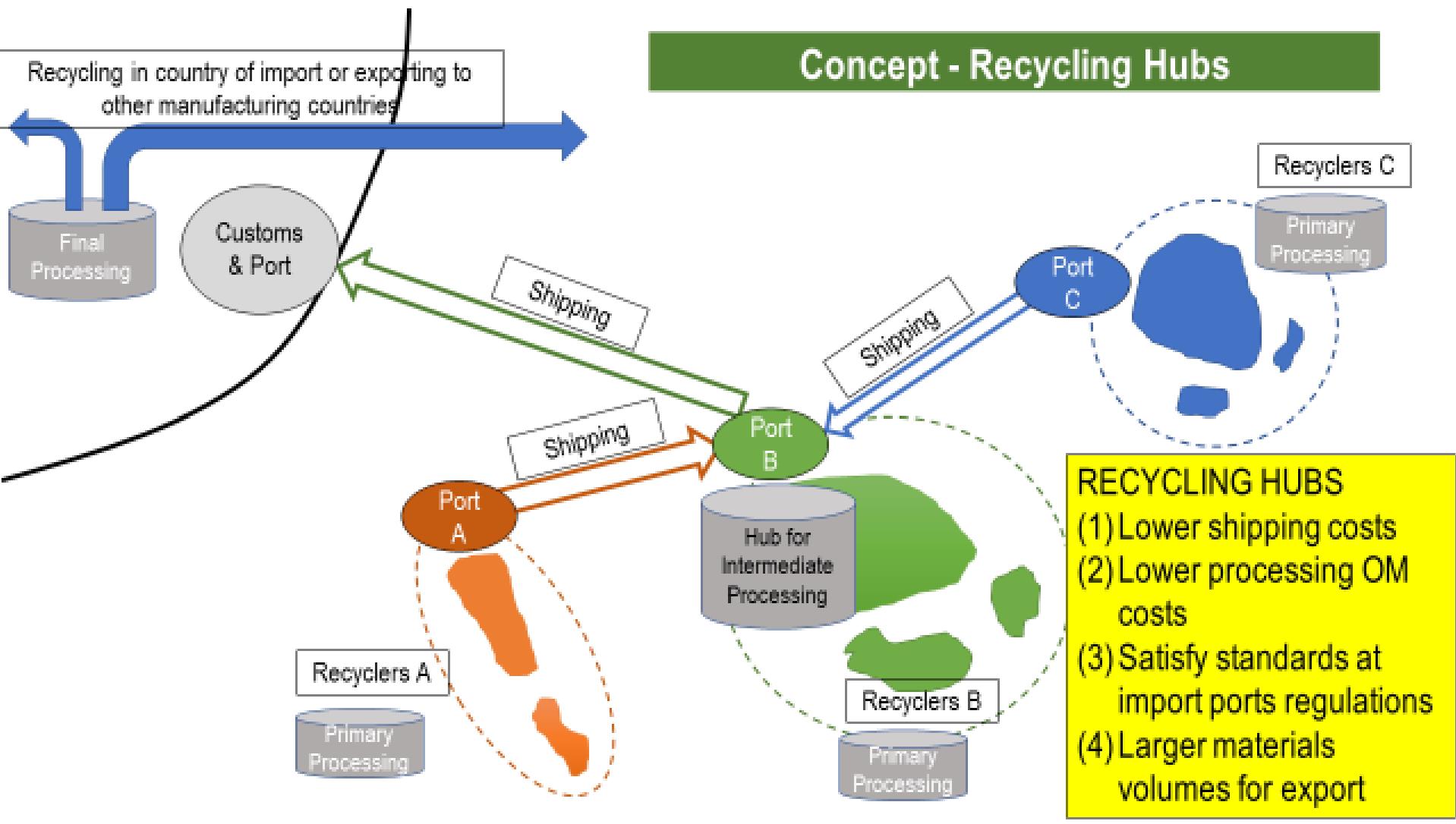
What are the infrastructure requirements?



..and to export ? from where? to where ?



What would a Pacific Regional Network scheme look like ?



Waste Audits



- **Develop data collection methodology**
- **Verify the research phase**
- **Reduce error**
- **Collect data for the scoping study**

Waste Audit Methodology



- Will be available soon in PRIF website (www.theprif.org)

A large, empty rectangular box with a black border, representing a placeholder for the PRIF Waste Audit Methodology manual. It contains the PRIF logo and text at the top, and the title and description of the manual below.

 Pacific Region Infrastructure Facility [Waste Audit Methodology](#)

Waste Audit Methodology

A step-by-step manual to conduct comprehensive waste audits in SIDs

Scoping: Pacific Regional Network



Objective

Establish a multi-country feeder network for recyclables and a regional processing / recycling / trans-shipment hub facility.

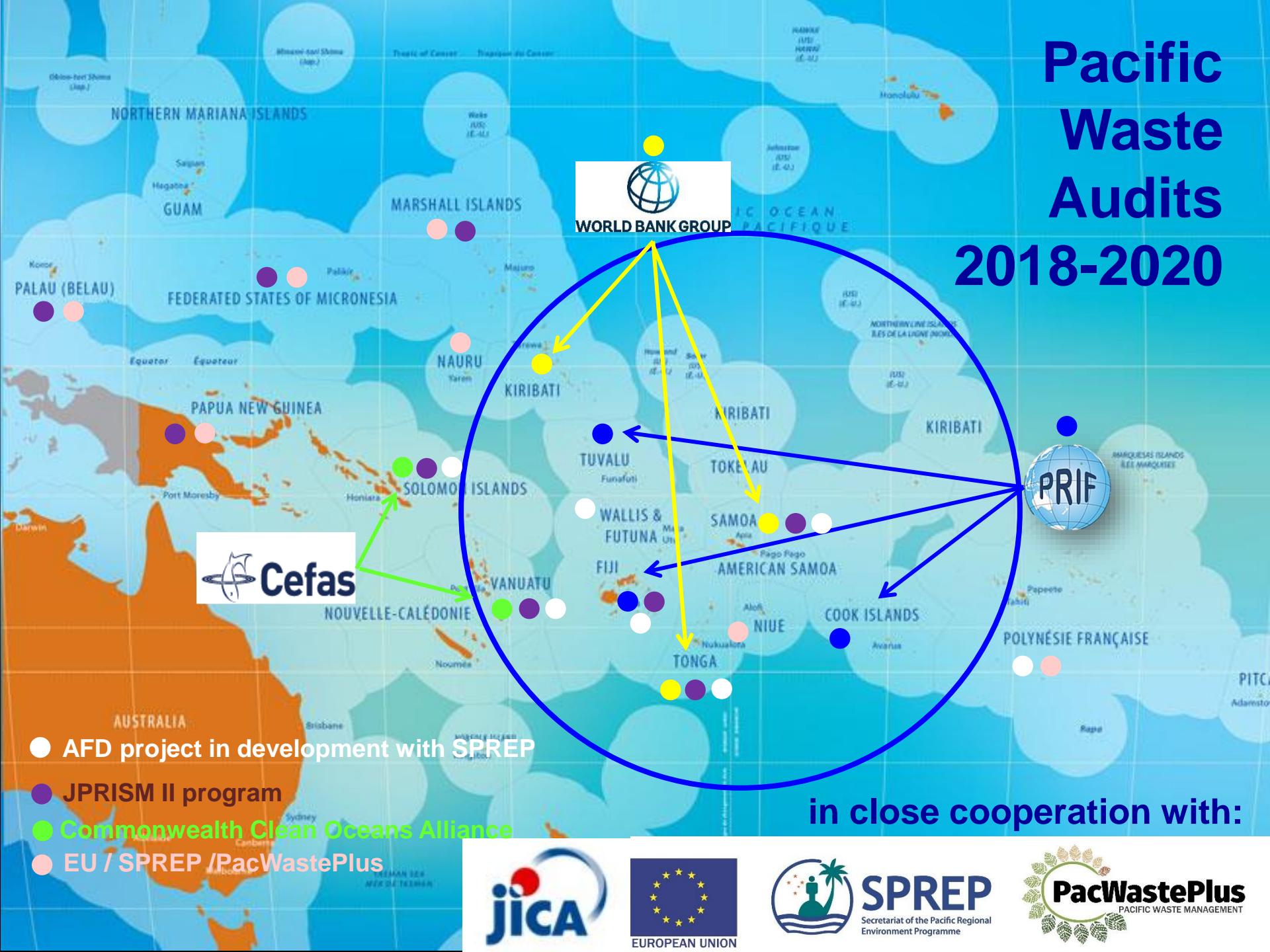
Next step

Scoping study to establish a 'pilot' recycling network in one region to prove viability and sustainability. Determine feasibility of a regional processing, trans-shipment and recycling hub, suitable urban centre facilities, and scaled outer island storage facilities in each of the Pacific island countries associated with the network.

Proposal based on detailed assessment of port facilities, capacity, shipping networks and other economic aspects. The regional hub facility would receive shipments of a selected range of recyclable waste materials from a network of source countries in the region.

The hub would be designed as a circular economy enterprise - to supply current / future remanufacturing enterprises, and to aggregate and add value to shipments of recyclables to other destinations.

Pacific Waste Audits 2018-2020



- AFD project in development with SPREP
- JPRISM II program
- Commonwealth Clean Oceans Alliance
- EU / SPREP / PacWastePlus

