

# 25years SPREP-JICA Partnership on Solid Waste Management

Introduce **Reduce, Reuse and Recycle + Return** mechanisms



**Emergency supports** on disaster waste

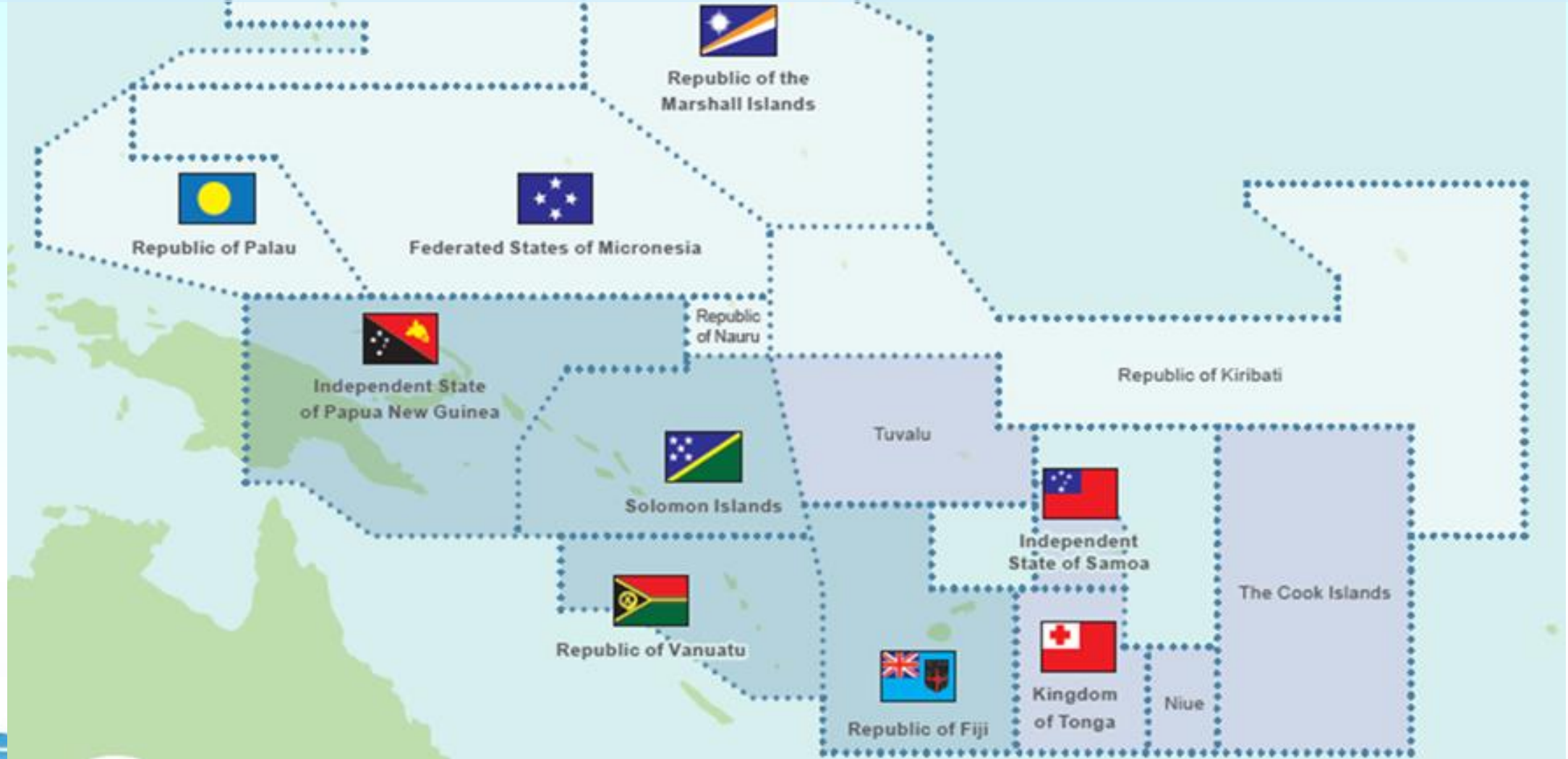
**Fukuoka Method** landfill improvement



# 9 Target Countries of J-PRISM3 2023-2028

Small islands, low-lying atolls

Dependence



# J-PRISM3 Outputs

Output 1	Organizational, institutional and financial capacities on solid waste management are enhanced/improved
Output 2	Capacity of providing public services on waste management is enhanced
Output 3	<b>"3R+Return" System is promoted</b>
Output 4	The knowledge and experiences in the region are shared





# JICA/J-PRISM's 3R+Return Support

- Recycling / Recyclers Associations – Samoa, Vanuatu, Solomon Islands, Tonga and Papua New Guinea
- Container Deposit Scheme
- Organic waste
- Partnership with private sector
- Pilot project of plastic recycle and export



# J-PRISM/SRWMA Plastic Recycle Pilot Project



**SPREP**  
Secretariat of the Pacific Regional  
Environment Programme



**PET**



**Color Sorting  
of PET**



**PET and PS  
Wash and Dry**



**Shred and  
Weigh**



**Extrude  
and mold  
/pelletize**



**Reuse in country  
/ export pellets**



**PS**



**Export  
Flakes**





# Promoting export of recycle plastics

Bale



Flake



Pellet



Low Sales Price < < < < < < High Sales Price

Shredder



Extruder and Pelletizer



# Findings and Challenges

After the collection of Recyclables,

**how do we export them to the outside of islands?**

- Finding Market
- Pricing
- Shipping cost
- Domestic transport cost
- MEA requirement
- Lithium Batteries and other “Problematic Materials”







## 3R + Return for the Pacific

