

Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Countries (JPRISM II)

Nadi, Fiji

JPRISM II, 10 February, 2020

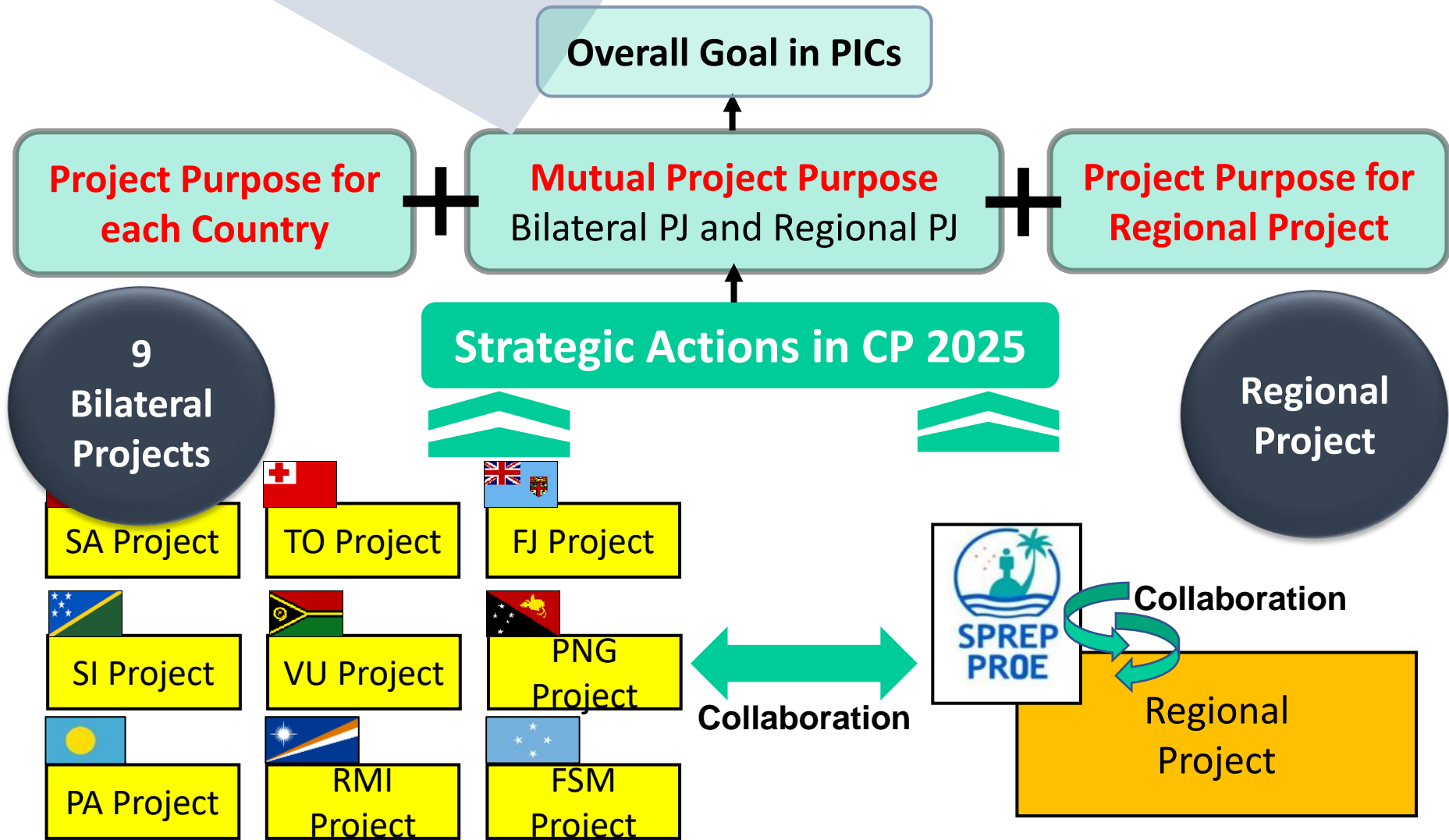


J-PRISM2 at a Glance

Donor	JICA: Japan International Cooperation Agency
Scheme	Technical Cooperation
Partner	SPREP
Beneficiary Countries	9 countries; FJ, TO, SA, SI, VU, PNG, FSM, RMI, PA
Budget	Approx. 17. 6 Million US\$ (Planning Base)
Duration	February 2017 – February 2022 (5 years)
Framework	Combination of 9 Bilateral Projects and 1 Regional Project
Decision Making Protocol	Based on the; <ul style="list-style-type: none">• Joint Coordination Committee (JCC) for each Country (1/year)• Steering Committee Meeting (StC) for Whole Project (1/year)
Number of Experts	18 in Total + α

Logical Framework of J-PRISM2

“Human and institutional capacity base for sustainable SWM in the Pacific Region is strengthened through implementation of the CP 2025”



Key Activities under the Bilateral Project



Palau



	Output	Example of Key Activities
1	Submission of <u>New NSWMS (2017-2026) and its action plan</u>	<ul style="list-style-type: none"> • Conduct baseline survey • Organize series of discussions among stakeholders • Formulate NSWMS and its action plan
2	Promotion of <u>good practice</u>	<ul style="list-style-type: none"> • Compile and share case studies • Accept Tuvalu officials to share lessons learnt
3	<u>Waste collection improvement</u> in Babeldaob Island and Koror State	<ul style="list-style-type: none"> • Conduct baseline survey in BBI • Prepare specification of new collection system in details
4	<u>Smooth transition from current landfill to new landfill</u>	<ul style="list-style-type: none"> • Develop 3D drawing of M-dock • Advice on contract work for berm extension of M-dock



Berm extension of M-dock

Key Activities under the Bilateral Project



FSM

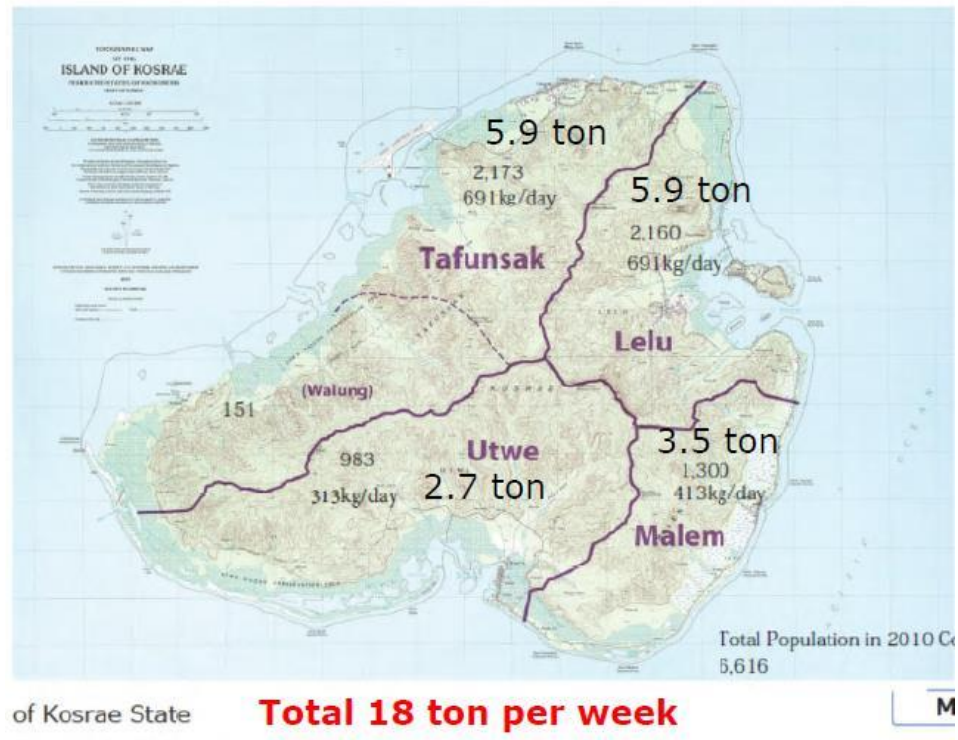


State	Example of Key Activities
(National)	<ul style="list-style-type: none"> • Drive formulation of SWMS for each state by DECCEM through series of inter-state workshop • Compile/ share good practice in 4 states
Yap	<ul style="list-style-type: none"> • Formulate SSWMS of Yap (based on baseline survey) • Expand waste collection service beyond Colonia through pilot project.
Kosrae	<ul style="list-style-type: none"> • Formulate SSWMS of Kosrae (based on baseline survey) • Commence Inter-Municipal Collection Service
Chuuk	<ul style="list-style-type: none"> • Formulate SSWMS of Chuuk (based on baseline survey) • Conduct survey, law amendment and facility procurement support to commence operation of CDL in Chuuk
Pohnpei	<ul style="list-style-type: none"> • Formulate SSWMS of Pohnpei (based on baseline survey) • Conduct survey and facility procurement support to improve current practice of CDL in Pohnpei

Yap State



Kosrae State



Key Activities under the Bilateral Project



RMI



	Output	Example of Key Activities
1	Official Approval of <u>policy documents</u> regarding SWM	<ul style="list-style-type: none"> • Conduct baseline survey in Majuro and Ebeye • Formulate SWM Plan for Majuro • Formulate SWM Plan for Ebeye • Formulate National WM Strategy
2	Promotion of <u>good practice</u>	<ul style="list-style-type: none"> • Compile and share case studies
3	<u>Enhancement of CDL mechanism</u>	<ul style="list-style-type: none"> • Formulate/amend laws and regulations at National level to commence CDL (Aug. 2018) • On-site training for officials of Recycling Center on CDL operation
	Others: technical advise on operating disposal site	<ul style="list-style-type: none"> • Develop 3D drawings for life periods estimation and operation planning



近所の子供も袋いっぱい空き缶持参です

この計量カゴ一つで500缶計量できます



CDL 最初の受付で5cを受け取り大喜びの大統領

缶プレス機は一気に3,000缶プレスできます

新設したCasherで返金されてお客さんも満足

Monitoring Batkan Final Disposal Site as of Oct 2019



Key Activities under the Bilateral Project



Tonga

	Output	Example of Key Activities
1	<p><u>Institutional capacity development of Waste Authority Limited (WAL)</u> through 5-Year Business Planning</p>	<ul style="list-style-type: none"> • Conduct SWM baseline survey • Conduct waste amount survey by incoming waste data analysis in Tapuhia L.F. • Study revenue and expenditure survey of WAL
2	<p>Capacity building of WAL through providing service in <u>Vava'u Island</u></p>	<ul style="list-style-type: none"> • Formulate SWM plan in Vava'u • Carry out OJT on collection, L.F. management, public awareness • Commence WAL's service (May 2018)
3	<p>Preparation for WAL's service expansion to <u>Ha'apai Island and Eua Island</u></p>	<ul style="list-style-type: none"> • Conduct baseline survey in Ha'apai and Eua • Formulate SWM plan in Ha'apai and Eua



Key Activities under the Bilateral Project



Samoa

	Output	Example of Key Activities
1	<u>Development of National Solid Waste Management Strategy</u>	<ul style="list-style-type: none">• Conduct baseline survey• Set up W.G. for the Strategy• Formulate the Strategy (Cabinet approval in January 2019)
2	<u>Establishment of waste collection monitoring system nationwide</u>	<ul style="list-style-type: none">• Analyze status of rubbish collection service• Coordinate stakeholder meeting with contractors• Introduce rubbish collection monitoring system (from 2020)
3	<u>Feasibility study of financial option (User-Pay)</u>	<ul style="list-style-type: none">• Conduct preliminary survey• Study tour to Vanuatu and Tonga• Organize Steering Committee and Public Consultation for the system



Key Activities under the Bilateral Project



Vanuatu

	Output	Example of Key Activities
1	<u>Institutional Capacity Development of DEPC</u> to implement National Waste Management and Pollution Control Strategy (2016-2020)	<ul style="list-style-type: none">• Set up W.G. for the national Strategy• Identify and implement 4 priorities<ol style="list-style-type: none">1) Assist Provincial/Municipal Councils on SWM planning2) Conduct pre-feasibility study of CDL, COM approval, 1st CDL W.G.3) Identify measures to facilitate waste minimization4) Disseminate environmental education program nation-widely
2	Implementation and monitoring of SWM Plan in <u>Port Vila Municipal Council</u>	<ul style="list-style-type: none">• Conduct supplemental survey of PVMC• Formulate SWM Plan 2021-2030• Conduct pilot project(s) to test viability of SWM Plan

Department of Environmental Protection and Conservation



Private Mail Bag 9063
Port Vila, Vanuatu
Phone: (678) 25302 / 33430
Email: postmaster@depvc.gov.vu



How to complete this application form

This application form and any supporting information provided with it are for a consultation of an annual Waste Management Plan in each province and municipal under the Waste Management Act No. 24 of 2014.

The Waste Management Act stipulates that each Municipal Council or a Provincial Government Council must formulate, adopt and implement an annual Waste Management Plan, and must consult with the Director of DEPC during the formulation of the Waste Management Plan. The Waste Management Plan has to comply with the policy, legislations, rules and orders below.

I. Policies:

- National Sustainable Development Plan 2030 (NSDP)
- National Environment Policy and Action Plans 2030 (NEPP)
- National Biodiversity Strategy and Action Plans (NSGAP)
- Vanuatu Climate Change and Disaster Risk Reduction Policy (2016-2030)
- National Waste Management and Pollution Control Strategy (NWMPCS)(2016-2030)
- Vanuatu National Oceans Policy

II. Legislations:

- Waste Management Act. No. 24 of 2014
- Pollution Control Act. No. 10 of 2013
- Environmental Protection and Conservation Act (Cap 285)

III. Rules & Orders (signed on 1 February 2018):

- The control of single use plastic bags, plastic straws and polystyrene takeaway boxes
- Littering
- The licensing of private waste operators

For your reference to complete this form, please read: [Practical Guide To Solid Waste Management In Pacific Island Countries And Territories 2018](https://www.depvc.gov.vu/index.php/practical-guide-to-solid-waste-management-in-pacific-island-countries-and-territories-2018) (<https://www.depvc.gov.vu/index.php/practical-guide-to-solid-waste-management-in-pacific-island-countries-and-territories-2018>)

*1 Waste generation amount is estimated by multiplying the unit generation amount by population or number of business by type. Unit generation amount (per person or per business) is provided by the Waste Amount and Composition Survey (WACS).

National waste generation amount estimated by DEPC is available on the DEPC website: (<https://depvc.gov.vu/index.php/environmental-protection/waste-management>)

*2 Waste collection rate and disposal rate are measured by driving records and incoming vehicle records at dumping sites.

Please note that your application will not be considered unless you return to the Department of Environmental Protection and Conservation (the Department) the form, completed and signed, all relevant attachments and required information.

IMPORTANT: THIS APPLICATION FORM HAS TO BE SUBMITTED EVERY SEPTEMBER AND CONSULTATION PROCESS HAS TO BE DONE BEFORE THE FINALIZATION OF WASTE MANAGEMENT PLAN.

GOUVERNEMENT DE LA
RÉPUBLIQUE DE VANUATU
LA SECRÉTAIRE-GÉNÉRALE



GOVERNMENT OF THE
REPUBLIC OF VANUATU
COUNCIL OF MINISTERS

Wednesday 30th October 2019

Hon. Bruno LEIGNKON (MP), Minister of Climate Change, Energy, Environment & Natural Disaster.

And

Hon. Ralph REGENVANU (MP), Minister of Foreign Affairs, International Cooperation and External Trade.

Government of the Republic of Vanuatu.

Dear Hon. Ministers,

DEISEN 285: INTRODUCTION OF A CONTAINER DEPOSIT SCHEME (CDS) & OTHER RECYCLABLE WASTES.

The Council of Ministers (COM) held its twenty third (23rd) ordinary meeting on Wednesday 30th October 2019.

Here are the decisions made during this meeting:

- COM approve the introduction of a Container Deposit Scheme that uses a Managing Agency model;
- COM approve that under a Management Agency model, the CDS will be solely managed by the management agent under the supervision of a board appointed by the Minister responsible for environment;
- COM approve the formation of a working group to develop the detailed design of the CDS under overall direction of DEPC;



“Green
Environment,
Clean Oceans,
Healthy People
& Plastic –
free Vanuatu”

ENV 2.4 - Reduce
waste and
pollution through
effective waste
management and
pollution control

VANUATU NATIONAL WASTE MINIMIZATION PLAN



2021-2025



Department of
Environmental
Protection and
Conservation (DEPC)

Private Mail Bag 9063
Port Vila, Vanuatu
Phone: (678) 25302 /
33430



Key Activities under the Bilateral Project



Solomon

	Output	Example of Key Activities
1	Capacity development of <u>Honiara City Council</u>	<ul style="list-style-type: none">• Set up W.G. for Honiara City SWM Planning• Formulate Honiara City SWM Plan• Develop a landfill operation manual for Ranadi L.F.
2	Dissemination of Lessons learnt in Honiara City and Gizo Town to <u>Provincial Centers</u>	<ul style="list-style-type: none">• Develop training material• Conduct W.S. for Provincial Centers organized by MECDM and HCC
3	Specifying <u>Economic Measurement for sustainable waste management</u> in Solomon Island	<ul style="list-style-type: none">• Conduct pre-feasibility study on CDL• Conduct study on various Economic Instruments applicable for Solomon (Plastic Ban, User-pay, Levy, Reduce Taxation, Gate Fee at Ranadi L.F.)

Key Activities under the Bilateral Project



Fiji



	Output	Example of Key Activities
1	Promotion of Evidence-based policy by the <u>initiative of Department of Local Government (DLG)</u>	<ul style="list-style-type: none">• Conduct baseline survey and identify boundary of each municipal gov.• Organize series of inter municipal governments workshop led by DOL• Formulate SWM Plans for each municipal government
2	<u>Pilot study on regional 3R+Return concept</u>	<ul style="list-style-type: none">• Consult and identify scope of the study with Department of Environment (DOE) based on their needs (ex. Landfill audit, statistical analysis of material/goods, industry)• Conduct the study• Propose recommendation for 3R+Return activities for Fiji



Key Activities under the Bilateral Project



PNG

	Output	Example of Key Activities
1	Institutional Capacity Development through <u>Development of a National Policy, Strategy and Implementation Plan</u>	<ul style="list-style-type: none"> Collect and analyze data from LGs Organize series of consultation W.S. to develop National Strategy
2	Capacity development of <u>Urban Local Level Governments (ULLGs)</u> on Planning Skill	<ul style="list-style-type: none"> Develop NCDC/ULLGs Cooperation Programme (MOU-Goroka, Kokopo) Organize series of W.S. for ULLGs Conduct SWM baseline survey and waste flow analysis of ULLGs (ex. Kokopo)
3	<u>Implementation</u> of National Capital District Waste Management Plan (2016-2025)	<ul style="list-style-type: none"> Install a weighbridge to Baruni L.F. Instruct data management of incoming waste at Baruni L.F. Develop NCD WM Implementation Plan (yearly)

Guide to Develop Municipal Solid Waste Management Plan for (U)LLGs, Papua New Guinea



October 2019

SYNTHESIS REPORT ON WASTE MANAGEMENT STATUS IN LULLGS, PAPUA NEW GUINEA

Mr. Yeshi Kala, Project Manager, J-PRISM II, Mr. Gregory Lerge, Mr. Doga Divu, Assistant, J-PRISM II, Mr. Makoto Tsukui, J-PRISM II Project Team



December 2018
J-PRISM II Team/CEPA



NATIONAL CAPITAL DISTRICT COMMISSION Community & Social Services Dept. Waste Management Division.

Baruni Landfill Operation & Maintenance Manual



Key Activities under **Regional Project** (For all countries)



Regional Project Purpose:

“Implementation of the Cleaner Pacific 2025 on SWM is timely monitored and supported based on Pacific to Pacific cooperation.”

Output 1

Monitoring mechanism for solid waste management in line with **Cleaner Pacific 2025** is strengthened.



Output 3

Regional capacity of **disaster waste management** is strengthened.



Output 2

Regional cooperation within the Pacific is organized and promoted by utilizing **regional human resource** and sharing lessons learnt.



Output 4

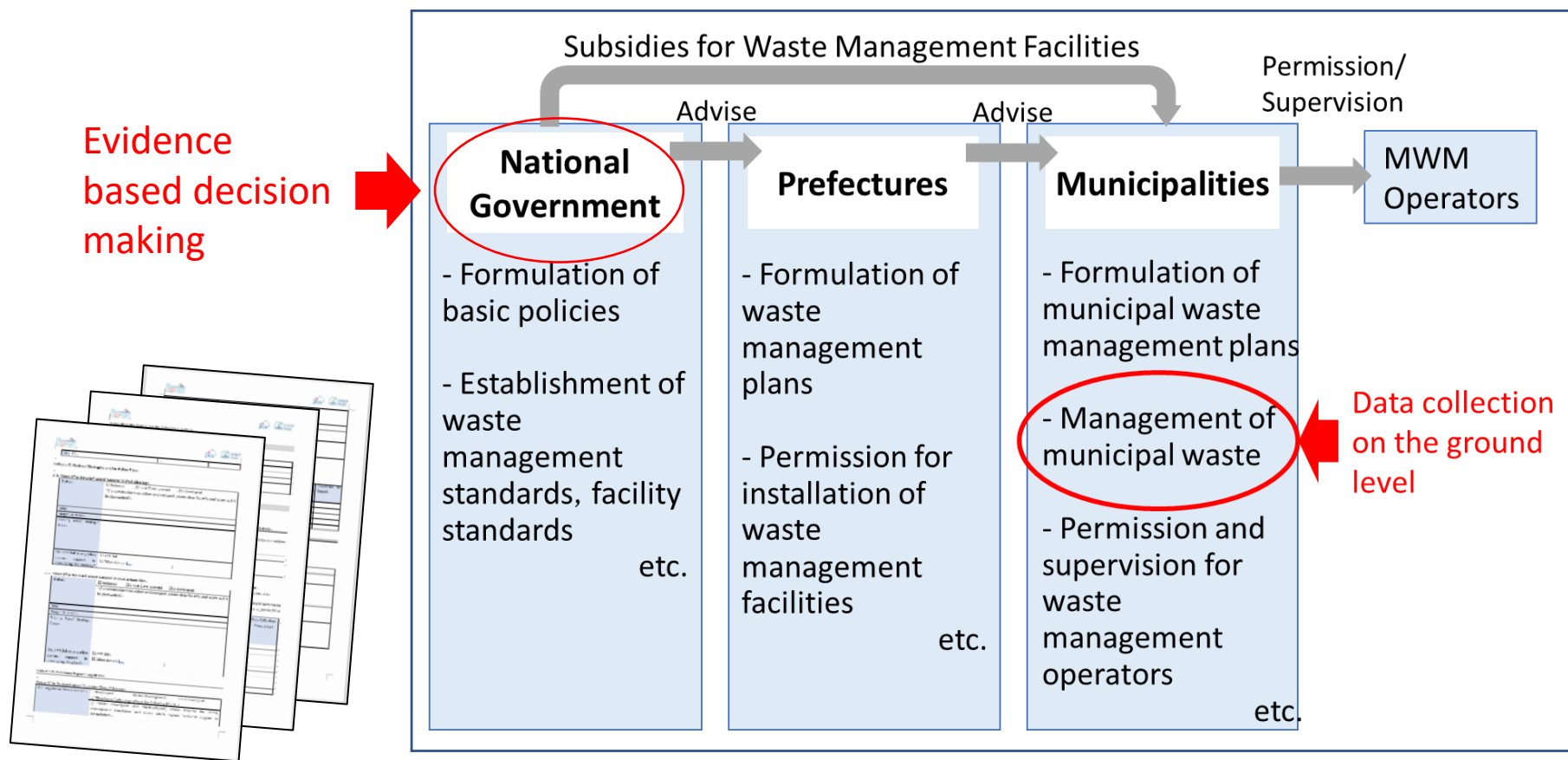
Practical and sustainable **3R+Return** system is enhanced.



Output 1: strengthen regional monitoring mechanism and data collection.



- Started Regional Monitoring by 14 performance indicators in line with CP2025
- Will conduct “Regional Training on Waste Flow Analysis and National Data Management” in 2020



Source: History and Current State of Waste Management in Japan, Ministry of the Environment

Output 2: promote regional cooperation through human resource exchange and lessons learnt sharing

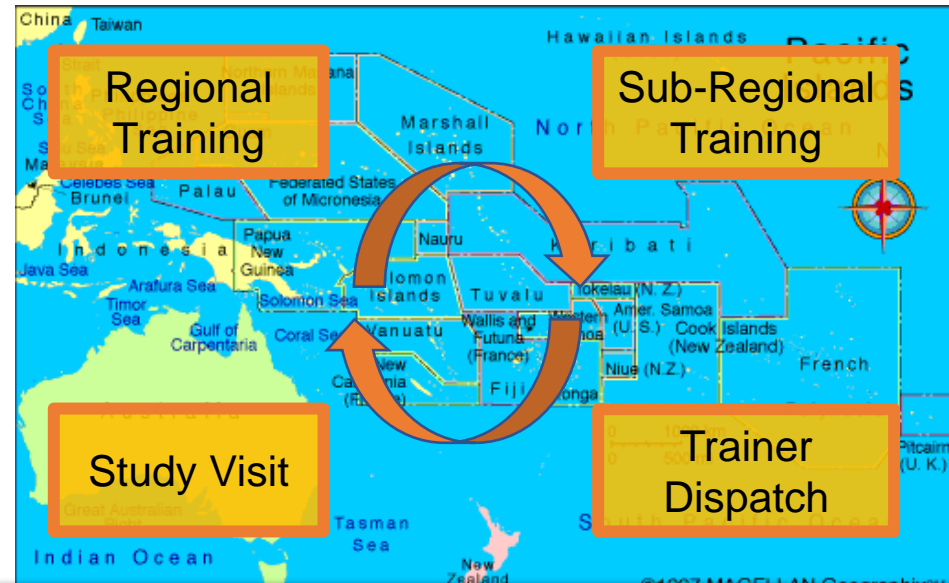


- Plan and organize regional trainings catering to PIC's needs
- Develop learning materials
- Share good practice in PICs
- Facilitate Needs-Resources matching between PICs

Landfill Management, Oct 2017, PNG



Landfill Management, Feb. 2018, Palau



Upcoming Regional Training!

“Sub-Regional Training on Proper Maintenance of Garbage Collection Vehicle and Heavy Machinery”

23-26 June 2020

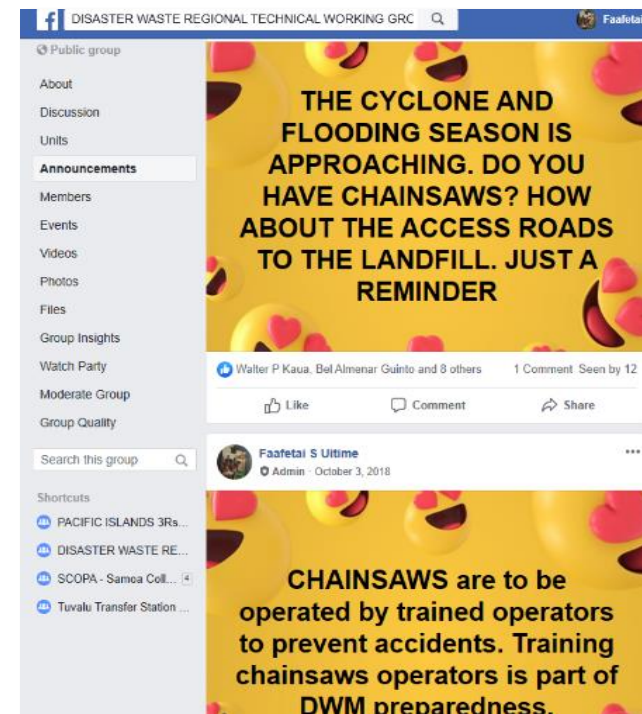
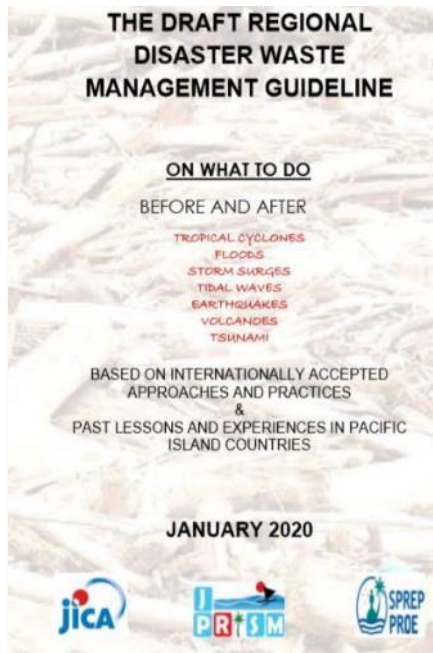
In Kosrae State

for FSM, RMI, Palau



Output 3: enhance regional capacity of disaster waste management.

- Develop the Pacific Regional DWM Guideline - **to be launched during the CPRT 2020.**
- Promote public awareness and support of the Pacific Regional DWM Guideline – a **number of workshops conducted in Samoa (2018), Palau (2019) and Vanuatu (2019).**
- Support the development of National DWM Contingency Plans in PICs – **2020 (Fiji, Samoa, Solomon Is, Vanuatu and Tonga).** Countries will need in order for future DWM assistance to be provided when disasters strike.
- Coordinate and promote the Regional Technical DWM Working Group functions in line with its TOR – **on going communication with the countries through the Group Facebook Website**



Output 4: enhance practical and sustainable 3R+Return system



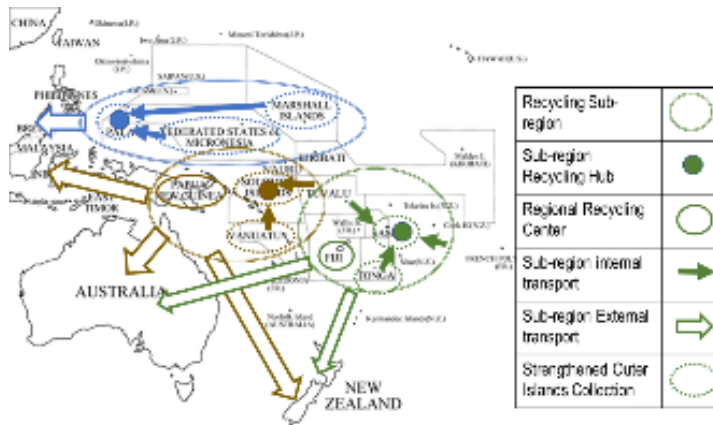
■ Support for Recyclers Association

- Supported establishment and activities of Regional Recyclers association – SA, VU and SI, considering in Tonga, Fiji, PNG, and Micronesia Region
- Support of Recyclers Association with strategy development



■ Basic Survey and Concept Development

- 3R+Return Survey is ongoing in SA, VU, TO, SI



Thank you

