

PACIFIC POPS RELEASE REDUCTION PROJECT

Reducing Persistent Organic Pollutants (POPs)
in the Pacific region through the improved
management of solid and hazardous waste.



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Environment Programme



Improved Used Oil Management in the Pacific: The Policy Perspective

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Pacific Used Oil a Management Priority



- Improved management of used oil has been recognised as a regional pollution priority since the 1990s
- Significant stockpiles of used oil are stored in most Pacific countries
- Most countries do not have any viable in-country disposal options
- Improper disposal of used oil can have major environmental impacts

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AFD/GEFPAS Used Oil 2011-2018 Assessment

- National used oil generation rates
- National reuse/disposal options
- National storage capacity
- Regional priorities for intervention
- Practical, cost effective management solution(s)

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Priority Countries (2018): i.e. Large stockpiles and NO storage

Country	Stockpile 2014 (L)	Stockpile 2018(L)		Bulk Storage (L)
Chuuk	22,000	NA		24,000
Kosrae	50,000	NA		60,000
Pohnpei	891,600	937,000		155,000
Yap	65,750	NA		8,000
Kiribati*	8,000	64,000		64,000
RMI	2,400,000	2,400,000		2,800,000

*Kiribati is actively exploring ongoing used oil export

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Summary of Immediate 2018 Regional Used Oil Intervention Priorities*

- Export of used oil from Pohnpei (this has also been agreed as the FSM priority)
- Export of used oil from Majuro/Ebeye
- Supply of water/oil separators



*Budget dependent

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Pohnpei (940,000 Lt)

- Used oil transfer infrastructure to be constructed at the landfill (oil to TTs)
- Used oil removal should re-use Tank Tainers (TTs) coming into Pohnpei containing liquid fuels
- Shipping lines serving Pohnpei are potentially able to route TTs towards New Zealand via Majuro



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RMI (2.4 M Lt)



- Majuro has 2.2 million litres of used oil stored at the MEC tank farm
- Ebeye has 200,000 litres of used oil stored at the KAJUR power plant
- 3-4 TT (21,000L each) are imported into Majuro each month filled with fuel and sold from a local fuel station
- The emptied TTs can be filled with used oil at MEC and exported from the dock
- There is a shipping route to New Zealand

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Policy framework critical for future success.....

For Each Country:

- National used oil management Policy
- National used oil strategy
- National used oil legislation
- Advanced Disposal Fee (ADF) implemented
- Collection Infrastructure
- Awareness Campaign

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Policy framework critical for future success.....

- **Policy:** Establishes the direction and guiding principals to be followed in the national management of used oil
- **Strategy:** Identifies formal procedures for collection, storage and export of used oil
- **Critical Analysis:** Defines accurate Advanced Disposal Fee (ADF) costs
- **Legislation:** Allows implementation of an (ADF) to pay for future disposal (will increase oil cost by ~5%)
- **Awareness Campaign:** will help educate public on benefits and new requirements for purchase of oil and disposal of used oil

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