



PACIFIC ISLANDS APPLIED GEOSCIENCE COMMISSION
in collaboration with

WIDE BAY WATER CORPORATION
&
PACIFIC WATER ASSOCIATION

**A WATER DEMAND MANAGEMENT PROGRAMME FOR
PACIFIC ISLAND COUNTRIES
2006-2009**



Funded by NZAID

A Contribution to the Regional Action Plan on Sustainable
Water Management in the Pacific

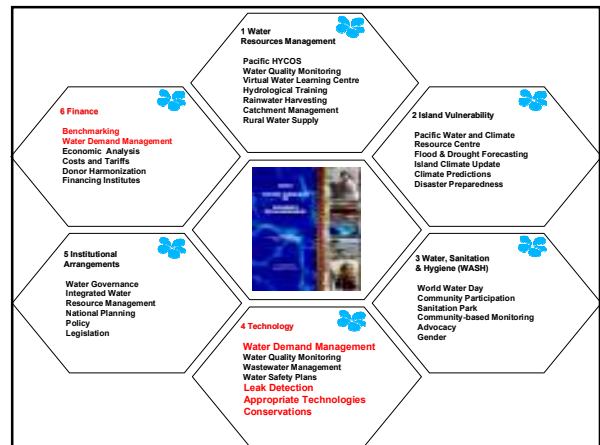
There are 3 components to the programme:

- Development of local staff to implement an effective water demand management programme
- Development and Implementation of Water Demand Management Plans
- Promotion of water demand management regionally


What are the benefits?


Demand management offers significant benefits to both customers and the water utility, including financial benefits, protection of the environment, energy savings, customer service and the reduction of wastewater flows.



Pacific RAP Theme IV: Technology

Key Message 2:

Utility collaboration and regional partnership to reduce unaccounted for water will significantly improve the sustainability of utilities and reduce the need for developing new water resources.




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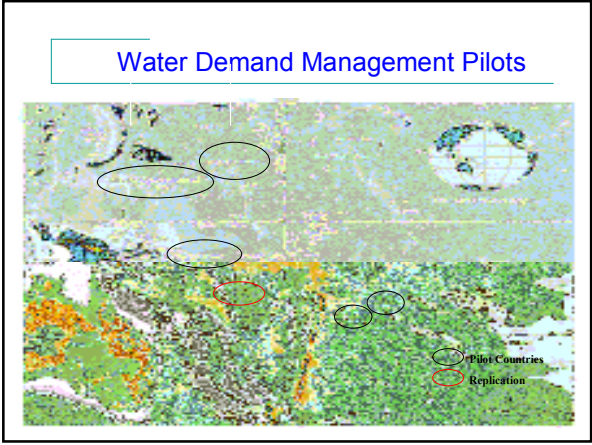
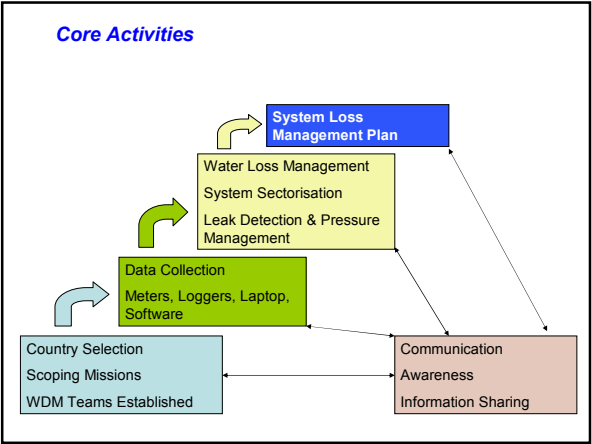

Supporting statement:

Reducing the amount of unaccounted for water is the highest priority action item for the utilities throughout the Pacific Island Countries

Establishment of Leak Detection Teams


Provide relevant training

Equipment in country

WDM involves the adoption of policies or investment by a water utility to achieve *efficient* water use by all members of the community.

Efficiency measures can often prevent or delay the need for physical infrastructure investment, providing real gain to the society and is part of an all encompassing *Integrated Water Resources Management (IWRM)* framework.



Because many utilities in the Pacific are suffering from;

- insufficient institutional capacity
- lack of government support
- insufficient public support

a water demand management programme will work best within a IWRM framework which looks across sectors and makes the proper links between policy instruments and impacts.




-And then?

Water Use Efficiency Plans

One major part of the total IWRM programme will be to produce Water Use Efficiency (WUE) plans for pacific island countries

WUE plans will build on experiences made through the WDM programme

IWRM have a GEF funded part of approx US\$ 12mill, and a EU funded part of approx € 2.5 mill. The programme will run until 2012 in 14 Pacific Island Countries



WDM Status in Pacific Island Countries

Water Demand Management Component	Countries													
	CI	F S M	F J	KI	R M I	N R	NI	P A	P N G	S A	SI	T O	T V	V A
Water Demand Management Training	P	P			P		P				P			
System Loss Management Plans	P	P			P		P				P			
Conservation Awareness	P	P			P		P				P			
Benchmarking	P	P					P				P			

■ Completed
 ■ Underway
 ■ Not existing



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Urgent replacement needed!

Increased role for PWA!

New WDM programme to be designed for the period 2009-2012!