



SOPAC



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*"Implementing Sustainable Water Resource and Wastewater
Management in Pacific Island Countries"*

Republic of Palau, 19th – 23rd July 2010

CO-FINANCING OF PROJECT ACTIVITIES

1. INTRODUCTION TO PROJECT CO-FINANCING

Co-financing is a key principle underlying Global Environment Facility (GEF) efforts to have a significant positive impact on the global environment. GEF grants are intended to be “incremental”, i.e., adding value in terms of global environmental benefits to national/local investment in environmental projects. Co-finance for GEF projects is important because:

- a) With limited financial resources, increased capacity, and a growing demand for assistance, it is essential for the GEF to mobilise additional resources for the global environment. Co-financing expands the *resources* available to finance environmental objectives;
- b) Co-financing is an important indicator of the strength of the *commitment* of the counterparts, beneficiaries, and Implementing and Executing Agencies to those projects; and
- c) Co-financing helps ensure the *success* and local acceptance of those projects by linking them to sustainable development, and thereby maximises and sustains their *impacts*.

Co-financing Definition

Co-financing is defined as “***the project resources that are committed by the GEF agency itself or by other non-GEF sources and which are essential for meeting the GEF project objectives***”¹. In considering this definition it is important to note the following GEF rules:

- a) Finance for baseline activities is included in the definition only when such activities are essential for achieving the GEF objectives, as shown in the project logical framework within the project document;
- b) Finance for activities that are not essential for achieving the GEF objectives, but which are processed for transactional convenience in the same loan or technical assistance package of the GEF Agency, are excluded from the definition of “*co-finance*”; and
- c) Resources that are not committed as part of the essential financing package at the outset but which are mobilised subsequently are not included as “*co-finance*”. Such leveraged resources are nevertheless important and will also be tracked.

Sources of Co-finance

Sources of co-financing in GEF projects include:

- a) The agency’s own co-financing (i.e., from the GEF implementing agencies e.g. UNDP, UNEP)
- b) Government co-financing (counterpart commitments) e.g., for baseline or foundational activities upon which the project would build or without which the project could not be implemented;
- c) Contributions mobilised for the project from other multilateral agencies, bilateral development cooperation agencies, NGOs, the private sector, and beneficiaries.

Related Financing

In terms of GEF projects, cofinancing does not include either “*associated financing*” or “*leveraged resources*”, which are defined as follows:

- a) ***Associated financing***. This is finance for other activities that are related to the project or to similar commitments but which not essential for the project’s successful implementation. Associated financing may be reported for information but commitments are not required and the financing is not monitored.
- b) ***Leveraged resources***. Leveraged resources are the additional resources beyond those committed to the project itself that are mobilised later as a direct result of the project, e.g., for further replication or through programmatic influence. As such, leveraged resources do not form part of the committed financing plan at the outset and so they are not defined as “*co-finance*”. Leverage is nevertheless a very important indicator of GEF’s catalytic effect.

¹ GEF/C.20/6/Rev.1

2. MONITORING AND REPORTING ON CO-FINANCING, ASSOCIATED FINANCING, AND LEVERAGED RESOURCES

It is a requirement of the project donor, the Global Environment Facility (GEF) that co-financing be reported and monitored by source, by type, and by the stage of the Project Cycle. The Project Implementing Agencies and Executing Agency are required to inform the GEF Secretariat whenever there is a potentially substantive co-financing change (i.e., one affecting the project objectives, scale, scope, strategic priority, conformity with GEF criteria, likelihood or project success, or outcome of the project). As such it is important for projects to develop a user-friendly system for tracking and reporting on co-financing.

The co-finance estimates for Component 1 associated with the UNDP national demonstration projects is summarised by source in Table 1. Tables 2-14 provide detailed information relating to sources and types of co-financing for specific demonstration project activities in each country.

Due to delays in final endorsement of the project it is likely that some sources of co-financing may not currently be available or require reprogramming by government Ministries and Departments, donor organisations, and other partners. A preliminary review undertaken by the Regional Project Co-ordinating Unit identified some co-financing commitments that may not be essential for meeting the GEF project objectives. Rather these commitments appear to relate to “associated financing”, i.e., funds for activities that are related to the project or to similar commitments but which not essential for the project’s successful implementation. Therefore, there is a need for each Lead Agency and Project Management Unit to undertake a critical review of the commitments and to derive updated estimates that can be used as targets for a co-financing monitoring and reporting systems.

Table 1 Summary of anticipated co-financing by source for National Demonstration Projects of the GEF Pacific IWRM Project

Country	Government	SOPAC			Other	Total
		EU-IWRM	EU-HYCOS	SOPAC Other		
Cook Islands	386,418	141,888	56,754	369,374	700,000	1,654,434
FSM	87,396	50,000	76,400	20,000	8,620,000 ^a	8,853,796
Fiji	2,924,810	200,000	220,177	-	1,200,000	4,544,987
Nauru	2,236,190	50,000	68,791	80,000	300,000	2,734,981
Niue	294,000	75,000	60,000	100,000	1,610,000 ^b	2,139,000
Palau	946,500	60,000	303,000	-	590,000	1,899,500
PNG	292,832	11,000	150,000	273,500	32,434,553 ^c	33,161,885
RMI	1,109,125	165,000	66,833	1,166,625	795,000	3,302,583
Samoa	120,000	?	100,000	?	?	2,037,000
Solomon I.	941,046	215,000	233,440	380,000	174,311	1,943,797
Tonga	8,588,000	50,000	79,000	1,000,000	3,000	9,720,000
Tuvalu	967,200	50,000	50,000	850,000	1,200,000	3,117,200
Vanuatu	184,740	-	28,796	89,989	7,385,836	7,689,361 ^d
	19,078,257	1,067,888	1,493,191	4,329,488	55,012,700	82,798,524

(a) US\$7,550,000 Asian Development Bank; (b) US\$1,000,000 UNDP TRAC; (c) US\$31,920,825 Eda Ranu Infrastructure; (d) US\$7,100,000 JICA Infrastructure Project

Monitoring Co-Financing from Supporting Organisations

A significant proportion of the anticipated project co-financing relates to planned activities of bilateral and multilateral projects and programmes. As these activities have largely been designed to directly complement the GEF project and are essential for meeting the GEF project objectives, there is a critical need for these inputs to be monitored and reported on. It is a requirement of the Memoranda of Agreement between SOPAC and the Lead Agencies that National Demonstration Projects submit financial and progress reports to the Regional Project Co-ordinating Unit on a quarterly basis, including detailed information on co-financing realised from supporting organisations.

In considering a method for tracking inputs from supporting organisations, the true value of the outputs produced and outcomes achieved by organisations in the execution of supporting activities is

perhaps impossible to determine². This would require information about the time spent by staff of partner organisations on project activities, level of technical and administrative support provided, and some estimate of the value of the partners own network of supporting organisations that contributed to the successful of tasks. It is suggested by the Regional Project Co-ordinating Unit that, as this type of co-financing is included in individual project budgets against on-the-ground activities and deliverables, successful completion of the identified tasks and production of outputs should deem the co-financing commitment to have been met or “realised”.

Such an approach will require effective in-country communication between Project Management Units and the in-country staff or focal points for the projects and programmes of supporting and partner organisations. This will be necessary for the timely reporting of information regarding the conduct and completion of supporting/complementary activities in quarterly demonstration project progress reports.

Monitoring In-Kind Co-Financing from Governments, Communities, and other Stakeholders

Experience of other GEF projects suggests that significant in-kind co-financing is contributed to projects directly by individuals either through: participation in meetings³; organisation of project activities and networking with other projects and programmes; additional unpaid work required to get the job done; technical backstopping; and provision of specialised knowledge and information, particularly when working with communities in evening consultations and on weekends. As very few organisations or individuals maintain detailed timesheets, verifying such in-kind contributions is difficult if not impossible.

Elements of such in-kind co-financing that are amenable to independent verification in the GEF Pacific IWRM Project include:

- Costs of individual's time in meetings of Demonstration Project Coordinating Committee
- Costs of individual's time in expert and community consultations
- Costs of individual's time in meetings of the Regional Project Steering Committee and project working groups
- Costs of individuals (non Project Manager Assistant) involvement in project technical and field activities (e.g. technical staff made available by partners)

Estimating the value of time spent by individuals on project activities is complicated by factors including the seniority or actual salaries of individuals and different economic conditions in the participating countries (i.e. an individual's time in one country may be valued much higher or lower than an individual in a neighbouring country).

The problem of how to value time of individuals has been addressed by other projects in the Asia-Pacific region, namely the UNEP/GEF South China Sea Project and UNDP/GEF Yellow Sea Project. The approach adopted in these instances has been to establish a regional standard co-efficient as a value of 1 person day. The co-efficient agreed was an inclusive costing of salary and benefits, plus office support costs that was applied to all individuals, from all countries, regardless of their individual level of seniority or actual salary. The co-efficient or regional standard “daily rate” was agreed through consideration of:

- The government salary scales of the participating countries,
- Supporting costs in the participating countries, including social benefits, office and office facilities, and supporting systems of the institutions; and
- Average salary of staff of the project executing agencies.

An example of the approach used to the value the in-kind co-financing in terms of the time of 50 individuals spent in a 2 day community stakeholder workshop at a regional standard rate of US\$140 is as follows:

- **1 (workshop) x 2 (days) x 50 (persons) x US\$140 (co-efficient)/person/day = US\$14,000**

² Valuing outputs or outcomes would most likely be counter-productive as it is likely to result in extensive debate concerning the merits or otherwise of the outputs

³ Time of individuals spent in meetings is not paid for in the GEF Pacific IWRM Project

The use of a co-efficient obviously undervalues the real co-financing in some countries and over-values it in others, but obviates the necessity for maintaining detailed records in national currencies, all of which float on the international currency exchange market. Developing such a co-efficient or standard daily rate for use in the GEF Pacific IWRM Project would require information regarding government salary scales from each participating country and agreement of the committee on a suitable rate.

The Regional Project Coordinating Unit has developed a framework for reporting on in-kind contributions of individuals' time to project activities as part of the quarterly progress report. Project Management Units are required to include in each quarterly report a listing of all meetings convened in the framework of the demonstration projects, their duration and location, agenda, report, and a list of participants. Similarly participation of support staff in the execution of technical and field activities will be reported in quarterly progress reports. Cash co-financing of meetings and activities will also be recorded on a quarterly basis.

Table 2 Summary of co-financing identified for the National IWRM Demonstration Project in the Cook Islands

Country	Source	Amount (USD)	Cash or In-kind	Description
Cook Islands	Government	51,642	Cash	Cash co-financing for energy costs
Cook Islands	Government	37,615	Cash	Cash co-financing for communications
Cook Islands	Government	3,762	Cash	Cash co-financing for Inter Agency IWRM Meetings
Cook Islands	Government	94,790	Cash	Mainstreaming policy support as part of policy and legislative review
Cook Islands	Government	18,808	Cash	Awareness activities as part of communications strategy
Cook Islands	Government	22,569	In-kind	In-kind co-financing for vehicles
Cook Islands	Government	67,707	In-kind	In-kind co-financing for GIS Mapping – field survey, data capture, download
Cook Islands	Government	36,111	In-kind	In-kind co-financing for drilling borehole transects
Cook Islands	Government	40,624	In-kind	Mainstreaming policy support as part of policy and legislative review
Cook Islands	Government	3,762	In-kind	IWRM training workshops
Cook Islands	Government	9,028	In-kind	Water quality monitoring
Cook Islands	EU-SOPAC IWRM	20,000	Cash	Cash co-financing for Project Manager
Cook Islands	EU-SOPAC IWRM	47,019	Cash	Cash co-financing for Project Assistant
Cook Islands	EU-SOPAC IWRM	21,623	Cash	Resource support for policy and legislative review
Cook Islands	EU-SOPAC IWRM	21,623	Cash	Inter-agency consultation process as part of policy and legislative review
Cook Islands	EU-SOPAC IWRM	31,623	Cash	Public consultation as part of policy and legislative review
Cook Islands	EU-SOPAC HYCOS	56,754	Cash	Groundwater pumping and testing
Cook Islands	NZAID-SOPAC WQM	75,230	Cash	Programme set up (lab assessment etc)
Cook Islands	NZAID-SOPAC WDM	30,010	Cash	Computer tool for knowledge transfer between agencies
Cook Islands	SOPAC Water Safety	207,341	Cash	Strategy development as part of communications strategy
Cook Islands	SOPAC Reducing Vulnerabilities	56,793	Cash	Build on existing server to cater for capacity
Cook Islands	ADB	700,000	Cash	Groundwork policy as part of policy and legislative review
		1,654,434		

Table 3 Summary of co-financing identified for the National IWRM Demonstration Project in the Federated States of Micronesia

Country	Source	Amount (USD)	Cash or In-kind	Description
FSM	Government	20,000	In-kind	Community engagement for pollution assessment
FSM	Government	20,000	In-kind	Community consultation and demonstration projects for mitigating pollution
FSM	Government	17,396	In-kind	Construction of dry litter pens for pig management
FSM	Government	10,000	In-kind	Water quality analysis equipment and training
FSM	Government	20,000	In-kind	Establish committee and plan/Harbour Water Quality and Management Plan
FSM	EU-SOPAC IWRM	10,000	Cash	Policy support review teams
FSM	EU-SOPAC IWRM	10,000	Cash	Nested State IWRM and ICZM
FSM	EU-SOPAC IWRM	10,000	Cash	Capacity building in IWRM
FSM	EU-SOPAC IWRM	20,000	Cash	IWRM planning
FSM	EU-SOPAC HYCOS	10,000	Cash	Community engagement using "Ridge to Reef"
FSM	EU-SOPAC HYCOS	10,000	Cash	Support to CSP for extension of reserve and develop ecosystem service payment concepts
FSM	EU-SOPAC HYCOS	6,400	Cash	Establishing watershed protection project in Chuuk
FSM	EU-SOPAC HYCOS	50,000	In-kind	Establish inspection for operation and maintenance of sewage treatment facilities
FSM	NZAID-SOPAC WDM	20,000	Cash	Hydrological monitoring for water quality improvements in Nanpil River
FSM	CSP	30,000	Cash	Hydrological monitoring for water quality improvements in Nanpil River
FSM	CSP	30,000	In-kind	Community engagement using "Ridge to Reef"
FSM	CSP	30,000	In-kind	Support to CSP for extension of reserve and develop ecosystem service payment concepts
FSM	ADB	1,050,000	Cash	Community engagement and training/trial new toilets
FSM	ADB	380,000	Cash	Stakeholder engagement, water safety planning
FSM	ADB	30,000	Cash	Support to water quality lab and monitoring
FSM	ADB	6,500,000	Cash	Establish inspection for operation and maintenance of sewage treatment facilities
FSM	ADB	200,000	Cash	Establish committee and plan/Harbour Water Quality and Management Plan
FSM	ADB	30,000	Cash	Policy support review teams
FSM	ADB	50,000	In-kind	PM and PA salary
FSM	ADB	25,000	In-kind	Office space
FSM	ADB	10,000	In-kind	Office equipment
FSM	ADB	145,000	In-kind	Community engagement and training/trial new toilets
FSM	ADB	25,000	In-kind	Biogas consultations, construction, and demonstrations
FSM	ADB	85,000	In-kind	Stakeholder engagement, water safety planning
		8,853,796		

Table 4 Summary of co-financing identified for the National IWRM Demonstration Project in Fiji

Country	Source	Amount (USD)	Cash or In-kind	Description
Fiji	Government	501,000	Cash	Training
Fiji	Government	20,000	Cash	Infrastructure and current plan assessment
Fiji	Government	500,000	Cash	Recommendations for future activities
Fiji	Government	20,000	Cash	Asset maintenance plan development
Fiji	Government	376,380	Cash	Develop GIS mapping for riparian zones
Fiji	Government	25,900	Cash	Socio-economic assessment on benefits of flood warnings
Fiji	Government	1,000,000	Cash	Construct warning system, include telecommunications, siren warnings
Fiji	Government	350,000	Cash	Draft basin flood management plan
Fiji	Government	5,000	In-kind	Project Manager and Assistant
Fiji	Government	20,000	In-kind	Office rental, communications, utilities
Fiji	Government	4,000	In-kind	Redesign of project design
Fiji	Government	3,950	In-kind	Salaries for PM and PA
Fiji	Government	98,580	In-kind	Infrastructure, ecological and channel geometry survey
Fiji	EU-SOPAC IWRM	50,000	Cash	Communications and awareness strategy for flood warning system
Fiji	EU-SOPAC IWRM	50,000	Cash	Development of flood preparedness and response plans
Fiji	EU-SOPAC IWRM	50,000	Cash	Determine most appropriate institutional setting
Fiji	EU-SOPAC IWRM	25,000	Cash	Drafting ToR for the Nadi Basin Catchment Committee
Fiji	EU-SOPAC IWRM	5,000	Cash	Map institutional setup and location of Nadi Basin Catchment Committee
Fiji	EU-SOPAC IWRM	5,000	Cash	Identify options for sustainable financing of Basin Catchment Committee
Fiji	EU-SOPAC IWRM	5,000	Cash	Develop 5, 10, and 15 year Nadi Basin Catchment Committee duties
Fiji	EU-SOPAC IWRM	10,000	Cash	Open plan contents through BCC to wider stakeholder consultation
Fiji	EU-SOPAC HYCOS	20,177	Cash	Assessment of equipment needs to upgrade hydro-climate monitoring network
Fiji	EU-SOPAC HYCOS	100,000	Cash	Equipment sourcing and procurement for upgrade hydro-climate monitoring network
Fiji	EU-SOPAC HYCOS	100,000	Cash	Installation and training for hydro-climate monitoring network
Fiji	IUCN	10,000	Cash	Establish Nadi Basin Basin Catchment Committee
Fiji	IUCN	10,000	In-kind	Draft contents of basin flood management plan
Fiji	Live and Learn	26,250	Cash	Stakeholder engagement and consultation/awareness raising
Fiji	Live and Learn	26,250	Cash	Stakeholder workshops
Fiji	Live and Learn	26,250	Cash	Guidelines development and drafting
Fiji	Live and Learn	26,250	Cash	Stakeholder workshops and consultations on the draft guidelines
Fiji	USP	90,000	Cash	Data source and capture
Fiji	USP	90,000	Cash	Model development and integration
Fiji	USP	550,000	Cash	Use of local farms to pilot approaches
Fiji	USP	115,000	Cash	Awareness raising for the Nadi basin catchment committee
Fiji	USP	115,000	Cash	Stakeholder consultation for the Nadi basin catchment committee
Fiji	USP	115,000	Cash	Basin tours for BCC
		4,544,987		

Table 5 Summary of co-financing identified for the National IWRM Demonstration Project in Nauru

Country	Source	Amount (USD)	Cash or In-kind	Description
Nauru	Government	50,000	In-kind	Not included
Nauru	Government	1,539,190	Cash	Not included
Nauru	Government	600,000	-	UNFAO RPFS Expansion Phase - construction of water reservoirs
Nauru	Government	12,000	In-kind	Office rental @ US\$200/month
Nauru	Government	1,200	In-kind	Telephone @ US\$20/month
Nauru	Government	9,000	In-kind	Utilities @ US\$150/month
Nauru	Government	1,200	In-kind	Fuel @ 30 litres/week
Nauru	Government	3,500	In-kind	Publishing and printing
Nauru	Government	9,000	In-kind	Technical support and materials for installation of chambers
Nauru	Government	2,000	In-kind	Scientific investigation on sewage pipelines
Nauru	Government	2,000	In-kind	Investigation of borehole treatment of wells
Nauru	Government	3,000	In-kind	Technical and legal support for water sanitation and hygiene policy and planning
Nauru	Government	1,500	In-kind	Technical and legal support for drafting of a national plan
Nauru	Government	2,000	In-kind	Training for 2 officers re installation of twin chambers
Nauru	Government	600	In-kind	Meetings and workshops (15 meetings @US\$1000/workshop)
Nauru	EU-SOPAC IWRM	20,000	Cash	Technical and legal support for water sanitation and hygiene policy and planning
Nauru	EU-SOPAC IWRM	20,000	Cash	Technical and legal support for drafting of a national plan
Nauru	EU-SOPAC IWRM	10,000	Cash	Training for 2 officers re installation of twin chambers
Nauru	EU-SOPAC HYCOS	68,791	Cash	Technical support and materials for installation of chambers
Nauru	NZAID-SOPAC WDM	60,000	Cash	Technical support and materials for installation of chambers
Nauru	NZAID-SOPAC WDM	20,000	Cash	Scientific investigation on sewage pipelines
Nauru	FAO	300,000	Cash	Investigation of borehole treatment of wells
		2,734,981		

Table 6 Summary of co-financing identified for the National IWRM Demonstration Project in Niue

Country	Source	Amount (USD)	Cash or In-kind	Description
Niue	Government	96,000	Cash	Project Manager \$2000/month
Niue	Government	48,000	Cash	Office rental 48 months @ \$1000/month
Niue	Government	4,800	Cash	Communications @ \$100/month
Niue	Government	7,200	Cash	Utilities @ \$150/month
Niue	Government	8,000	Cash	Workshop/meeting costs (8 SC meetings @ \$1000 per meeting)
Niue	Government	4,000	Cash	Office equipment (computers and equipment)
Niue	Government	4,000	Cash	Software and licences
Niue	Government	1,500	Cash	Data processing
Niue	Government	10,000	Cash	4-wheel drive vehicle
Niue	Government	2,000	Cash	Computer maintenance
Niue	Government	2,000	Cash	Camera equipment maintenance
Niue	Government	10,500	Cash	Vehicle fuel and servicing
Niue	Government	19,000	In-kind	Groundwater and coastal water quality analysis equipment
Niue	Government	10,000	In-kind	Piggery fencing, effluent treatment beds, solid waste composting facility at landfill for piggery effluent management
Niue	Government	5,000	In-kind	Oil interceptors, curbing, drains and pipework for road run-off management (oil interceptors)
Niue	Government	3,000	In-kind	7 water storage tanks to reduce peak demand abstraction rates
Niue	Government	15,000	In-kind	Leakage reduction surveys, repairs, bulk meter usage as part of leakage reduction programme
Niue	Government	5,000	In-kind	Community engagement activities/Conservation and awareness campaign
Niue	Government	20,000	In-kind	Bore tests and analysis
Niue	Government	3,000	In-kind	Land and marine monitoring, surveys and analysis
Niue	Government	2,000	In-kind	Fencing, sheds, cement plinths, flages etc for Borehold Headworks Protection
Niue	Government	2,000	In-kind	Technical and legal support to review and update relevant national legislation
Niue	Government	2,000	In-kind	Technical and legal support to enforce environmental protection regulations
Niue	Government	4,000	In-kind	Technical and legal support to introduce land use planning and groundwater protection zones
Niue	Government	5,000	In-kind	Technical and legal support to implement abstraction licensing and water rights
Niue	Government	1,000	In-kind	Technical and community support for education and community awareness
Niue	EU-SOPAC IWRM	20,000	Cash	Technical and legal support to enforce environmental protection regulations
Niue	EU-SOPAC IWRM	20,000	Cash	Technical and legal support to introduce land use planning and groundwater protection zones
Niue	EU-SOPAC IWRM	30,000	Cash	Technical and legal support to implement abstraction licensing and water rights
Niue	EU-SOPAC IWRM	5,000	Cash	Technical and community support for education and community awareness
Niue	EU-SOPAC HYCOS	20,000	Cash	Groundwater and coastal water quality analysis equipment
Niue	EU-SOPAC HYCOS	20,000	Cash	Observation borehole drilling and analysis

Table 6 (cont.) Summary of co-financing identified for the National IWRM Demonstration Project in Niue

Country	Source	Amount (USD)	Cash or In-kind	Description
Niue	EU-SOPAC HYCOS	20,000	Cash	Bore tests and analysis
Niue	NZAID-SOPAC WQM	5,000	Cash	Groundwater and coastal water quality analysis equipment
Niue	NZAID-SOPAC WQM	25,000	Cash	Land and marine monitoring, surveys and analysis
Niue	NZAID-SOPAC WDM	5,000	Cash	Computer modelling equipment and software
Niue	NZAID-SOPAC WDM	30,000	Cash	Data loggers, transducers, listening sticks, flow meters for leakage detection
Niue	NZAID-SOPAC WDM	5,000	Cash	Publishing and printing
Niue	NZAID-SOPAC WDM	25,000	Cash	Leakage reduction surveys, repairs, bulk meter usage as part of leakage reduction programme
Niue	NZAID-SOPAC WDM	5,000	Cash	Community engagement activities/Conservation and awareness campaign
Niue	NZAID	150,000	Cash	Oil interceptors, curbing, drains and pipework for road run-off management (oil interceptors)
Niue	NZAID	100,000	Cash	6 water storage tanks to reduce peak demand abstraction rates
Niue	UNDP TRAC	100,000	Cash	New tanks, effluent treatment for septic tank improvements
Niue	UNDP TRAC	50,000	Cash	Collection bins, composting for solid waste improvements
Niue	UNDP TRAC	1,000,000	Cash	Cement bunds, tanks, pads for fuel oil storage improvements
Niue	UNDP TRAC	5,000	Cash	Waste separation and security for hazardous waste improvements
Niue	UNESCO	15,000	Cash	Technical and legal support to review and update relevant national legislation
Niue	FAO	50,000	Cash	Cement bunds, tanks, sheds, stores, applications, disposal as part of agro-chemical storage and usage
Niue	FAO	25,000	Cash	Piggery fencing, effluent treatment beds, solid waste composting facility at landfill for piggery effluent management
Niue	FAO	25,000	Cash	Irrigation efficiency systems and crop trials
Niue	Government of Venezuela	25,000	Cash	Piggery fencing, effluent treatment beds, solid waste composting facility at landfill for piggery effluent management
Niue	Government of Venezuela	25,000	Cash	Composting and leaching trials, crop quality studies as part of fish processing facility effluent waste usage
Niue	Government of Venezuela	40,000	Cash	Irrigation efficiency systems and crop trials
		2,139,000		

Table 7 Summary of co-financing identified for the National IWRM Demonstration Project in Palau

Country	Source	Amount (USD)	Cash or In-kind	Description
Palau	Government	30,000	Cash	Communications
Palau	Government	30,000	Cash	Utilities
Palau	Government	15,000	Cash	Office supplies
Palau	Government	129,600	Cash	25% of full-time salary of water quality lab staff
Palau	Government	30,000	Cash	10% of full-time salary for administrative support staff
Palau	Government	100,000	Cash	10% of full-time salary for intake support staff
Palau	Government	25,000	Cash	Monitoring and travel for pollutant surveys
Palau	Government	5,000	Cash	Chemical survey of river water
Palau	Government	140,400	Cash	Monthly water quality monitoring
Palau	Government	120,000	In-kind	Rental of office space @\$2000/month
Palau	Government	5,000	In-kind	Equipment
Palau	Government	30,000	In-kind	Monitoring and travel for pollutant surveys
Palau	Government	281,500	In-kind	Monthly water quality monitoring
Palau	Government	5,000	In-kind	Mapping and modelling of ecosystem health
Palau	EU-SOPAC IWRM	50,000	Cash	Legislation for watershed protection
Palau	EU-SOPAC IWRM	10,000	Cash	Water safety plan
Palau	EU-SOPAC HYCOS	298,000	Cash	Development of a water quality monitoring programme
Palau	EU-SOPAC HYCOS	5,000	In-kind	Development of a water quality monitoring programme
Palau	US Forestry Service	280,000	Cash	Connections between forests and rivers
Palau	Palau National Museum	50,000	Cash	Bioindicators and monitoring ecosystem health
Palau	Palau National Museum	100,000	In-kind	Bioindicators and monitoring ecosystem health
Palau	Palau Conservation Society	35,000	Cash	Awareness raising materials, community workshops
Palau	Palau Conservation Society	125,000	In-kind	Awareness raising materials, community workshops
		1,899,500		

Table 8 Summary of co-financing identified for the National IWRM Demonstration Project in Papua New Guinea

Country	Source	Amount (USD)	Cash or In-kind	Description
PNG	Government	200	Cash	Stationary
PNG	Government	2,000	Cash	Airfares and DSA for stakeholders
PNG	Government	1,000	Cash	One-off stakeholder meeting
PNG	Government	2,000	Cash	Fuel
PNG	Government	2,000	Cash	Sensitise local community and stakeholders on ongoing water resources assessment and management activities; public awareness
PNG	Government	2,000	Cash	Socio-economic survey
PNG	Government	3,000	Cash	Identification of locations for additional hydrometric network in the catchment
PNG	Government	30,000	In-kind	Officers from each agency as and when needed
PNG	Government	60,000	In-kind	Office set up and rental
PNG	Government	1,000	In-kind	Tables, chairs, and cabinets
PNG	Government	42,000	In-kind	Utilities at \$700/month
PNG	Government	500	In-kind	Binding machine, photocopier
PNG	Government	500	In-kind	Camping advance; field allowance
PNG	Government	5,000	In-kind	Hydro-geological survey, baseline foundation surveys
PNG	Government	5,000	In-kind	Biodiversity (flora and fauna) surveys
PNG	Government	20,000	In-kind	Identification of locations for additional hydrometric sites in the catchment
PNG	Government	2,000	In-kind	Development of hydrological model for the catchment
PNG	Government	98,400	Cash	Implementation of appropriate methods and technologies for disposal of various waste types
PNG	Government	6,232	Cash	Review all agricultural and industrial land use practices
PNG	Government	10,000	In-kind	Develop a land use plan
PNG	EU-SOPAC IWRM	5,000	Cash	Review of all relevant policies and legislation and make necessary adjustments
PNG	EU-SOPAC IWRM	6,000	Cash	Development of a water use and waste disposal policy
PNG	EU-SOPAC HYCOS	150,000	Cash	Establish stations and collection of data, also train local data collectors
PNG	EU Eda Ranu Rehabilitation Project	20,000	Cash	Data collection and evaluation of the station's operations
PNG	Eda Ranu Water Supply Project	98,270	Cash	Installation of five priority village water supply
PNG	Eda Ranu	272,680	Cash	Development and implementation of a water quality monitoring program
PNG	Eda Ranu	31,920,825	Cash	Upgrade the existing intake structure, water treatment plan and pipeline
PNG	Eda Ranu	112,778	Cash	Upgrade Koiari rural water supply
PNG	Eda Ranu	10,000	In-kind	Development and implementation of a water quality monitoring program
PNG	EU-SOPAC Reducing Vulnerabilities	257,500	In-kind	In-situ testing and surveying; field reconnaissance
PNG	EU-SOPAC Reducing Vulnerabilities	16,000	In-kind	In-situ water quality testing and sampling
		33,161,885		

Table 9 Summary of co-financing identified for the National IWRM Demonstration Project in the Republic of Marshall Islands

Country	Source	Amount (USD)	Cash or In-kind	Description
RMI	Government	9,000	Cash	Workshop costs and DSA
RMI	Government	628,125	Cash	Install additional toilets, construction of toilets and water catchments
RMI	Government	34,250	Cash	Regular water tests of the underground lens
RMI	Government	188,750	Cash	Construction materials, etc as part of Sewage Disposal Septic Tanks
RMI	Government	45,000	In-kind	Project manager salary
RMI	Government	30,000	In-kind	Project assistant
RMI	Government	50,000	In-kind	Office rental (\$1,000/month)
RMI	Government	18,000	In-kind	Communications (\$300/month)
RMI	Government	12,000	In-kind	Utilities (\$200/month)
RMI	Government	20,000	In-kind	Computers and peripherals
RMI	Government	20,000	In-kind	Truck, bins, solid waste equipment
RMI	Government	10,000	In-kind	Reports to Steering Committee
RMI	Government	5,000	In-kind	Sensitise local, tourist and policy makers
RMI	Government	20,000	In-kind	Workshops, Radio and Journal Advertisements
RMI	Government	10,000	In-kind	Pesticides practices review
RMI	Government	9,000	Cash	Workshop costs and DSA
RMI	EU-SOPAC IWRM	10,000	Cash	Full Laura Water Lens Management Plan
RMI	EU-SOPAC IWRM	80,000	Cash	Study and recommendations, Policy and Regulations Review
RMI	EU-SOPAC IWRM	25,000	Cash	Study and recommendations, Monitoring and Compliance Mechanisms
RMI	EU-SOPAC IWRM	25,000	Cash	Identification of long-term funding, Financial Sustainability Mechanisms
RMI	EU-SOPAC IWRM	10,000	Cash	Community awareness meetings, Public Awareness
RMI	EU-SOPAC IWRM	15,000	In-kind	Full Laura Water Lens Management Plan
RMI	EU-SOPAC HYCOS	56,833	Cash	Hydro-geological survey as part of baseline surveys of site
RMI	EU-SOPAC HYCOS	10,000	Cash	Natural resource and ecosystem survey as part of baseline surveys of site
RMI	NZAID-SOPAC WQM	76,000	Cash	Regular water tests of the underground lens
RMI	NZAID-SOPAC WDM	32,000	Cash	Water Demand Project, inspection of pipes and survey
RMI	SOPAC WHO	30,000	Cash	Plan to detect sources of pollution and provide response as part of Water Safety Plans
RMI	EU-SOPAC Red. Vuln.	1,028,625	Cash	Household tanks
RMI	M.A. Waste Company	300,000	Cash	Trailer etc, solid waste equipment
RMI	M.A. Waste Company	40,000	In-kind	Trailer etc, solid waste equipment
RMI	M.A. Waste Company	20,000	In-kind	Design and planning for solid waste management
RMI	M.A. Waste Company	20,000	In-kind	Options for recovery and recycling, separation of wastes plan
RMI	M.I. Visitors Authority	5,000	In-kind	Sensitise local, tourist and policy makers
RMI	M.I. Visitors Authority	20,000	In-kind	Workshops, Radio and Journal Advertisements
RMI	US Dep. of Agriculture	300,000		Install additional toilets, construction of toilets and water catchments
RMI	US Dep. of Agriculture	40,000		Equipment and tools for leak repair
RMI	US Dep. of Agriculture	50,000		Design and planning consultations for septic tank plan

Table 10 Summary of co-financing identified for the National IWRM Demonstration Project in Samoa

Country	Source	Amount (USD)	Cash or In-kind	Description
Samoa	Not indicated	15,000	Cash	Administration
Samoa	Not indicated	10,000	Cash	Equipment
Samoa	Not indicated	10,000	Cash	Develop a land use plan
Samoa	Not indicated	10,000	Cash	Review of the watershed management plan (Vaisigano and Fuluasou)
Samoa	Not indicated	20,000	Cash	Develop watershed conservation Policy and Plan
Samoa	Not indicated	40,000	Cash	Develop a water safety plan for underground and surface water
Samoa	Not indicated	20,000	Cash	Review National Water Resources Policy and finalise national water service policy
Samoa	Not indicated	30,000	Cash	Data collection and update of National Water Resources Information Management System
Samoa	Not indicated	60,000	Cash	Assess impacts of land use (including agricultural, infrastructural developments) on water, soil and biodiversity quality
Samoa	ADB Sanitation Proj.	1,500,000	Cash	Implementation of pilot priority mitigation measures
Samoa	Not indicated	40,000	Cash	Soil, water, and land use monitoring programme
Samoa	Not indicated	100,000	Cash	Development of appropriate eco-tourism activities
Samoa	Not indicated	50,000	Cash	Water demand management
Samoa	Not indicated	30,000	Cash	Awareness, education and capacity development towards watershed users
Samoa	Not indicated	25,000	In-kind	Salaries/Allowances
Samoa	Not indicated	37,000	In-kind	Administration
Samoa	Not indicated	6,000	In-kind	Equipment
Samoa	Not indicated	4,000	In-kind	Review National Water Resources Policy and finalise national water service policy
Samoa	Not indicated	10,000	In-kind	Data collection and update of National Water Resources Information Management System
Samoa	Not indicated	10,000	In-kind	Assess impacts of land use (including agricultural, infrastructural developments) on water, soil and biodiversity quality
Samoa	Not indicated	10,000	In-kind	Implementation of pilot priority mitigation measures
		2,037,000		

Government = 120,000; EU = 235,000; ADB = 1,500,000; JICA = 100,000; HYCOS = 100,000

Table 11 Summary of co-financing identified for the National IWRM Demonstration Project in the Solomon Islands

Country	Source	Amount (USD)	Cash or In-kind	Description
Solomon Islands	Government	15,960	Cash	Office space rental
Solomon Islands	Government	7,980	Cash	Communications
Solomon Islands	Government	10,000	Cash	Quarterly stakeholder meetings
Solomon Islands	Government	11,970	Cash	Utilities
Solomon Islands	Government	25,000	Cash	Water quality equipment, analysis
Solomon Islands	Government	10,000	Cash	4 wheel drive vehicle
Solomon Islands	Government	12,500	Cash	Fuel and servicing
Solomon Islands	Government	10,000	Cash	Natural resource and ecosystem survey
Solomon Islands	Government	10,000	Cash	Honiara waste disposal
Solomon Islands	Government	10,000	Cash	Sewage disposal
Solomon Islands	Government	45,000	Cash	Design and planning consultations for preliminary plans
Solomon Islands	Government	60,000	Cash	Adoption of Protected Zones
Solomon Islands	Government	165,000	Cash	Adoption of Honiara watershed/aquifer management plan
Solomon Islands	Government	115,000	Cash	Policy and legislative review
Solomon Islands	Government	220,000	Cash	Monitoring and compliance mechanisms
Solomon Islands	Government	60,000	Cash	Reports and guidelines
Solomon Islands	Government	152,636	Cash	Not indicated
Solomon Islands	EU-SOPAC IWRM	85,000	Cash	Review Water Safety Plan for Honiara City
Solomon Islands	EU-SOPAC IWRM	130,000	Cash	Develop Water Safety Plan for Honiara and Solomon Islands
Solomon Islands	EU-SOPAC HYCOS	25,000	Cash	Computers, software, office equipment and backup services
Solomon Islands	EU-SOPAC HYCOS	25,000	Cash	Water level, rain-gauge, flow and pressure loggers
Solomon Islands	EU-SOPAC HYCOS	50,000	Cash	Hydrogeological survey
Solomon Islands	EU-SOPAC HYCOS	75,000	Cash	Kongulai catchment studies
Solomon Islands	EU-SOPAC HYCOS	58,440	Cash	Water balance study
Solomon Islands	NZAID-SOPAC WDM	220,000	Cash	Wastage and leakage detection survey
Solomon Islands	NZAID-SOPAC WDM	160,000	Cash	Develop Water Use Efficiency Plan for Honiara
Solomon Islands	Australian Water Research Facility	50,000	In-kind	Design and planning consultations for preliminary plans
Solomon Islands	Australian Water Research Facility	50,000	In-kind	Policy and legislative review
Solomon Islands	Australian Water Research Facility	50,000	In-kind	Reports and guidelines
Solomon Islands	Australian Water Research Facility	24,311	In-kind	Awareness and education
		1,943,797		

Table 12 Summary of co-financing identified for the National IWRM Demonstration Project in Tonga

Country	Source	Amount (USD)	Cash or In-kind	Description
Tonga	Government	19,440	Cash	Project manager salary
Tonga	Government	7,560	Cash	Project assistant salary
Tonga	Government	30,000	Cash	Office rental
Tonga	Government	900	Cash	Utilities
Tonga	Government	12,000	Cash	Laptop, printer, desktop
Tonga	Government	1,000	Cash	Software and licenses
Tonga	Government	3,600	Cash	Stationary
Tonga	Government	4,500	Cash	Maintenance of computers etc
Tonga	Government	8,000	Cash	PMU travel
Tonga	Government	1,000	Cash	Travel to meetings
Tonga	Government	2,500,000	In-kind	Not indicated
Tonga	Government	6,000,000	Cash	Not indicated
Tonga	EU-SOPAC IWRM	15,000	Cash	Establish and implement resource management legislation and Neiafu Water Management Plan
Tonga	EU-SOPAC IWRM	3,000	Cash	Develop effective enforcement system
Tonga	EU-SOPAC IWRM	12,000	Cash	Identification of long-term funding/financial sustainability mechanism
Tonga	EU-SOPAC IWRM	12,000	Cash	Financial and sustainability training for all water communities
Tonga	EU-SOPAC IWRM	6,000	Cash	Monitoring and evaluation undertaken by stakeholders within the project
Tonga	EU-SOPAC IWRM	2,000	Cash	Monitoring and evaluation of project activities
Tonga	Not indicated	3,000	Cash	Agricultural practices review
Tonga	EU-SOPAC HYCOS	79000	Cash	Not indicated
Tonga	EU-SOPAC Red. Vul.	1,000,000	Cash	Not indicated
Tonga	Not indicated		Cash	Wastewater practices review
Tonga	Not indicated		Cash	Identification of leakages, survey water wastage and leaks,
Tonga	Not indicated		Cash	On-site demonstrations to minimise impacts of sewage and liquid waste practices
Tonga	Not indicated		Cash	Literature review and set-up database of information/health statistics
Tonga	Not indicated		Cash	Participatory ecological and socio-economic surveys
Tonga	Not indicated		Cash	Community consultations
		9,720,000		

Table 13 Summary of co-financing identified for the National IWRM Demonstration Project in Tuvalu

Country	Source	Amount (USD)	Cash or In-kind	Description
Tuvalu	Government	67,200	In-kind	Office rental and utilities
Tuvalu	Government	400,000	Not clear	Not clear
Tuvalu	Government	500,000	Not clear	Not clear
Tuvalu	EU-SOPAC IWRM	50,000	Cash	
Tuvalu	EU-SOPAC HYCOS	50,000	Cash	
Tuvalu	EU-SOPAC Reducing Vulnerabilities	850,000		
Tuvalu	AusAID	585,000	Cash	Construction and installation of household rainwater tanks
Tuvalu	AusAID	415,000	Cash	Implementation of Tuvalu's Water and Sanitation Strategy
Tuvalu	Alofa Tuvalu Association	200,000	In-kind	Training centre support
		3,117,200		

Table 14 Summary of co-financing identified for the National IWRM Demonstration Project in Vanuatu

Country	Source	Amount (USD)	Cash or In-kind	Description
Vanuatu	Government	63,050	Cash	Repair pipes, leak detection to be actioned
Vanuatu	Government	2,400	Cash	Gazette and implement water protection zones
Vanuatu	Government	8,639	In-kind	Office rental at 15000vt/month
Vanuatu	Government	31,820	In-kind	Salaries
Vanuatu	Government	11,749	In-kind	Subsistence allowance
Vanuatu	Government	5,759	In-kind	Office rental
Vanuatu	Government	622	In-kind	Communications
Vanuatu	Government	58,589	In-kind	Vehicle in Santo
Vanuatu	Government	192	In-kind	Data processing and preparation of report
Vanuatu	Government	960	In-kind	Data processing and preparation of maps
Vanuatu	Government	192	In-kind	Planning strategies and mechanisms
Vanuatu	Government	480	In-kind	Identify policies and plans
Vanuatu	Government	288	In-kind	Identify monitoring, evaluation, reflection and learning strategies
Vanuatu	EU-SOPAC HYCOS	28,796	Cash	Equipment, installation, monitoring, travel for upgrade telemetric monitoring system
Vanuatu	NZAID-SOPAC WQM	17,998	Cash	Water quality monitoring capacity building for PICs
Vanuatu	NZAID-SOPAC WDM	71,991	Cash	Training given by DGMWR during development and installation of all water supplies
Vanuatu	NZAID	33,025	Cash	Establish and implement legislation and Sarakata watershed management plan
Vanuatu	NZAID	33,025	Cash	Compensation policy and delivery
Vanuatu	NZAID	33,025	Cash	Local resource use policy and plans
Vanuatu	NZAID	33,025	Cash	Develop effective enforcement system
Vanuatu	AusAID	29,099	Cash	Train the trainer workshops
Vanuatu	JICA	7,100,000	Cash	Installing third turbine to provide for sustainable hydro power
Vanuatu	Live and Learn	5,790	Cash	Regional education and awareness program as part of river care awareness
Vanuatu	Live and Learn	13,330	Cash	Regional education and awareness program to improve safety of water supply
Vanuatu	Live and Learn	47,400	Cash	Community education for building sustainable futures
Vanuatu	Live and Learn	36,000	In-kind	Regional education and awareness program as part of river care awareness
Vanuatu	Live and Learn	2,470	In-kind	Regional education and awareness program to improve safety of water supply
Vanuatu	Not indicated	4,912	Cash	Train communities - sustainable farming practices, soil erosion control, organic fertiliser
Vanuatu	Not indicated	9,823	Cash	Deforestation for cattle ranching, reforestation awareness
Vanuatu	Not indicated	4,912	Cash	Finding new land uses eg water intensive taro, promoting land uses that reduce impact on water quality, ecology and biodiversity
		7,689,361		