



Pacific Islands Ridge to Reef National Priorities – Integrated water, land, forest and coastal management to preserve biodiversity, ecosystem services, store carbon, improve climate resilience and sustain livelihoods

Information Paper 08: Stress Reduction Targets of the IWR2R Project

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Introduction

- Component 1 of the GEF Regional International Waters Ridge to Reef Projects, National IW Projects contribute to benefits of stress reduction measures.
- Over the years to suit national priorities, sites, change in personnel and opportunities, changes were made to initial figures



Fiji – 500 ha of catchment protect measures (Waimanu Catchment Management Plan)

- Consultancy by Conservation International to conduct RRA and SDA reports.
- Waimanu Integrated Management Plan developed and published that would protect up to 19,900 ha of the Waimanu Catchment.





Federated States of Micronesia – 200 ha of catchment protect measures (Tofol Integrated Catchment Management Plan)

- Technical (Tofol Watershed Biological Assessment and hydrological and geological assessment) and diagnostic reports (Tofol demo site and whole of Kosrae State IDA)
- Extensive work done in country which would support a management plan for catchment protection measures of 160 ha





Kiribati – 955 TN kg/yr reduction of municipal waste pollution (30 DLT piggery units)

- Completed the construction of 30 Dry Litter Technology piggery units which in turn achieves stress reduction of 955.35 TN kg/year



Nauru – 10 ha restored habitat (coastal revegetation)

- Landowners agree to revegetation and great efforts and initiatives to follow through are done.
- Significant political support and will regarding this activity in collaboration with Nauru STAR Project.
- Revegetated site adds up to 8 ha.





Niue – 200 ha catchment protection measures (ICM planning)

- Water Use Efficiency (WUE) Plan post R2R ties in with other plans developed after extensive discussions with relevant stakeholders.
- These would inform policy discussions and approximately 160 ha of protection measures.



Papua New Guinea – 220 ha (ICM planning)

- Mangrove Management Plan complements Bootless Bay National Marine Sanctuary covering 300 ha
- Action plan outlined establishment of Mangrove Action Committee, Monitoring and Enforcement Programs.



Republic of the Marshall Islands – 255 ha (ICM planning)

- Though no ICM plan, households have been engaged and internal assessments done to inform plan and prior activities set up as building blocks providing opportunities for higher level discussions and interventions in conservation and coastal protection measures of 153 ha.



Samoa – 1648 ha restored habitat (revegetation)

- BioRap area surveyed shows approximately 1648 ha.
- Survey team consists of multi-disciplinary team filling out extensive surveys which provides detailed baseline data.
- Great potential for further studies and strategies based on this study.



Solomon Islands – fish refugia and wetland habitat protected of 2000 ha and 575 ha restored habitat (revegetation)

- Mataniko River Catchment Implementation and Monitoring Plan protects 2000 ha of fish refugia and wetland habitat.
- Catchment protection measures undertaken approximating 575 ha through sustainable land use.





Tonga – 104 TN/kg/yr municipal waste reduction; 90 ha conserved/protected (ICM plan)

- Officially launched 3 compost toilets and 3 plastic septic with sand filtering systems help reduce nutrient offloads (104 TN kg/yr).
- The Kanokupolu SMA totals 382 ha (includes 107.4 ha of Fishes Habitat Reserves).





Vanuatu – 30 ha restored habitat (planting of endemic species); 2570 ha restored habitat (revegetation)

- National Botanical Garden planted with 33.4 ha of rare endemic species.
- ICM plan for 2570 ha in place with nursery, replanting activities occurring and committee in place





Tuvalu – 536 TN kg/yr municipal waste pollution reduction. Pollution reduction to aquifer 11 TN kg/yr

- Achieved municipal waste pollution reduction of 164 TN kg/yr
- Pollution reduction to aquifer calculated at 48 TN kg/yr
- DLT successfully demonstrated showing conversion of pig waste to valuable compost rather than washing away into groundwater and lagoon.
- Useful contributions in diagnostic stakeholder consultations that led to proper decisions in resource management and governance which helped mobilise resources for financing, investment planning and promotion in Tuvalu





Cook Islands – 516 ha catchment protection measures.

- Ecological health of Muri lagoon characterized, and land-based contamination processes for key ICM planning and investment of 1374 ha achieved.



IW R2R National Demonstration Stress Reduction Targets

Stress reduction measures	Original Targets (ProDoc)	Updated Targets	Actual End of Project Targets
Municipal Waste pollution reduction	5775 TN kg/yr	1595 TN kg/yr	1059 TN kg/yr
Pollution reduction to aquifer	23 kg/ha/yr	11 kg/ha/yr	48 kg/ha/yr
Restored habitat	6838 hectares	4258 hectares	4259.4 hectares
Conserved/protected wetland	290 hectares	290 hectares	2382 hectares
Catchment protection measures	31,448.2 hectares	15,206	26,007 hectares
Alternative livelihood	30 charcoal producers	-	-

Conclusion

- In consideration of the uniqueness of the aspects of each IW R2R project demonstrations implementation period, noting the successes and setbacks in achieving SRTs provided for the RSTC at the end of the implementation period of the R2R programme.
- The RSTC is invited to note the paper in reviewing and endorsing the SRTs

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THANK YOU VERY MUCH

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