

## R2R IW RESULTS FRAMEWORK

Components	Outcomes	Indicator	Baseline	Targets End of Project	Source of Verification	Risks and Assumptions
1. Increasing knowledge-base and national replication of catchment management planning to strengthen management links between catchment and coastal areas	1.1 Enhanced access to information regarding the status and locations of vulnerable coastal areas in Apia to enhance coastal zone planning	Status of the coastal GIS, number of sites defined and extent of inclusion in coastal zone planning	Strong GIS models exist for catchment areas, now needs extending to include coastal areas	Priority coastal areas identified through GIS mapping of near coast land use, land and coastal sites of waste disposal, status and location of critical marine habitats and fisheries and water quality data in Apia area	Data collection reports, IDRIS maps of priority areas	GIS model can accurately map coastal zone areas
	1.2 National uptake of best practice in watershed management planning in the assessment and design of coastal zone plans	Completeness of coastal zone assessment at three priority sites in Apia  Demonstrable use of best practice in natural resource planning	Lessons learned in catchment management and planning from IWRM Project available though limited application for coastal zone management	Replication of the documented Apia watershed planning model to assess coastal vulnerabilities and identify mitigation measures at three priority coastal sites in Apia in preparation for developing a Coastal Zone Management Plan	Coastal assessment reports, community consultation reports, Coastal Zone Status report	Catchment management planning model can be replicated for coastal sites  Relevant agencies are willing to cooperate in coastal assessments
	1.3 Strengthened linkage between watershed management plans and coastal zone assessments to enhance Coastal Zone Management planning in Apia	Status of synthesis reports and extent of inclusion in Coastal Zone Management planning	WMP's for the four Apia watersheds but limited documentation of how they collectively impact on coastal zone management objectives	Review and synthesis of the Apia Watershed Management Plans to identify and document their collective impact on coastal zone objectives for inclusion in development of Coastal Zone Management plans	WMP's Synthesis report,	Sufficient linkages between watershed and coastal management can be made to enhance coastal environmental protection

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2. Increasing capacity for effective environmental stress reduction practices and sustainable watershed management in Apia	2.1 Strengthened biodiversity and sediment load reductions in protected watershed areas via inter-agency partnerships	Establishment of inter-agency partnership  Extent of areas successfully re-vegetated	Limited inter-agency involvement in re-vegetation activities of Apia catchment	Partnership between Dept. of Agriculture and Dept. of Forestry established to develop and implement a joint re-vegetation program and associated monitoring and evaluation plan to rehabilitate protected areas	MoA, meeting reports and participant lists, joint Re-Vegetation Program and activity reports, M&E plan and reports	Existing tensions between agencies may limit participation in joint program
	2.2 Improved sustainable watershed management through monitoring and evaluation of existing environmental protection measures	Extent and continuity of the data collected through PM&E Plan  Extent of uptake of PM&E recommendations in watershed management	Lack of thorough PM&E for the Watershed Management Plans in Apia	PM&E plan developed and operational for the Apia Watershed Management Plans featuring measures for monitoring inter alia sediment load and water quality, status of invasive species, impacts on near coastal and riparian biodiversity and ecosystem health, and site-level social impacts	Published PM&E plan, monitoring results, annual implementation reports, analysis and comparative studies, watershed management plans	Available resources to undertake monitoring of plan impacts  Willingness to incorporate PM&E findings in future watershed planning
	2.3 Enhanced community and national level awareness and support of best practice catchment protection models	Number of best practice measures tested and documented  Number and scope of best practice measures communicated	Lessons learned from IWRM Project in catchment management	Best practice approaches to catchment management and stress reduction measures captured, documented and communicated nationally	Catalogue of best practice approaches and measures  Communications on best practices published and syndicated	Available best practices in Apia

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3. Strengthen support of the National Environment Sector Plan to enhance the mainstreaming of watershed conservation policies in national reporting	3.1 Strengthened capacity for monitoring and evaluation of the National Environment Sector Plan through targeted training	Percent increase in target population with applied skills in PM&E	Limited capacity for developing PM&E plans and refining project activities	Proportion of target Ministry of Natural Resources and Environment staff with applied understanding of PM&E techniques and activity refinement methods increased to 80% through innovative training and assessment techniques	Consultation meeting and activity reports, training workshop outputs including participatory interviews and knowledge testing	Training and capacity building materials are sufficiently well designed to engage target staff  Continuity of participation of target audience in training events
	3.2 Improved national results reporting through development of harmonised monitoring and evaluation frameworks for National Environment Sector Plan	Status and continuity of the data collected through PM&E Plan  Extent of uptake of recommendations from PM&E	Limited application of PM&E methods to the National Environment Sector Plan	Participatory monitoring and evaluation framework developed and implemented to determine efficacy of National Environment Sector Plan interventions	Consultation meeting documents, published PM&E plan, monitoring results, annual implementation reports, NES assessment reports	PM&E framework sufficiently well designed to stimulate results reporting improvements