

Consultancy to conduct coastal feasibility studies, coastal design and costing for six communities on the Eastern Site of Tongatapu								
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Sustainable Seas Ltd	Tonga	US\$49,500	US\$49,500 (100%)	2	Ministry of Environment and Climate Change (MECC)	AusAid	February 2012 – March 2012	Martin LeTissier
Detailed description of project					Type of services provided			
<p>Communities (Nukuleka, Makaunga, Talafo'ou, Navutoka, Manuka and Kolonga) that are situated on the northern coastline of the Eastern Site, Tongatapu, , the main island of Tonga are highly susceptible to the impacts of climate change and disaster risks (sea level rise, storm surge & coastal erosion) principally because of their low topographic elevation, that is, below 2m above the mean sea level. The Ministry of Environment and Climate Change (MECC), in Tonga, has successfully completed the preparation of its National Communication Report, 2005 and also the Tonga's Joint National Action Plan (JNAP) on Climate Change Adaptation and Disaster Risk Management, 2010. Priority adaptation needs for Tonga were highlighted in these reports. Recommendations for immediate and concrete coastal engineering adaptation actions to be implemented on these vulnerable communities were also reflected in these reports. This project was designed to provide specific action advice to address these issues.</p>					<p>Jonathan McCue was engaged by MECC and the JNAP Secretariat to produce two major outputs, namely a "Coastal feasibility Studies Report" (involving coastal geomorphology mapping; beach profiling; sediment sample analysis; determination of wave parameters and littoral current regimes; marine/land flora and faunal assemblages and coastal aquifer assessments) and a Coastal Design and Costing Report (involving the design of the most appropriate coastal structures/ techniques for these vulnerable communities, and coastal structure costings).</p>			