

TIMEFRAME & GLOBAL TARGETS	ISLAND-SPECIFIC PRIORITY ACTIONS FOR THE PARTIES	Examples of activities completed in the Pacific - Countries and partners
FOCAL AREA 1: PROTECT THE COMPONENTS OF BIODIVERSITY		
GOAL 1: Promote the conservation of the biological diversity of island ecosystems, habitats and biomes		
Target 1.1: At least 10% of each of the island ecological regions effectively conserved		
Target 1.2: Areas of particular importance to island biodiversity are protected through comprehensive, effectively managed and ecologically representative national and regional protected area networks		
GOAL 2: Promote the conservation of island species diversity		
Target 2.1: Populations of island species of selected taxonomic groups restored, maintained, or their decline substantially reduced Target 2.2: Status of threatened island species significantly improved		
GOAL 3: Promote the conservation of island genetic diversity		
Target 3.1: Genetic diversity of crops, livestock, and other valuable island species conserved, and associated indigenous and local knowledge maintained		<p style="text-align: center;"><u>LIVESTOCK/ANIMAL GENETICS</u></p> <p><i>FAO/SPC Animal Genetic Resources pilot project survey through blood sampling for DNA analysis and genotyping of indigenous pigs and chickens in Fiji, Niue, Tonga, Samoa, Solomon Is. And Vanuatu. There is still a need to complete survey to all remaining PICTs.</i></p> <p><i>Awareness activities carried out in Fiji, Niue, Tonga, Samoa, Solomon Island Vanuatu on the importance of conserving and utilisation of animal genetic resources for food security.</i></p>

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		<p style="text-align: center;"><u>PLANT GENETICS</u></p> <p><i>The SPC Genetic Resources programme includes the Centre for Pacific Crops and Trees (CePaCT) which has significant collections of the major food crops of the Pacific for example it has a collection of over 850 accessions of taro. Collections also include some of the crops unique to the Pacific such as fei and maoli bananas, Pacific yams and breadfruit.</i></p> <p><i>The Genetic Resources programme also works with the Pacific PGR network PAPGREN and so there are a number of activities in many of SPC member PICTs – from collecting aroids, bananas and breadfruit to evaluating local material and CePaCT climate ready collections</i></p> <p style="text-align: center;"><u>FOREST BIODIVERSITY</u></p> <p><i>The Heads of Forestry Departments\Units in the Pacific agreed to support and actively participate in the FAO initiative to prepare the global report on the “State of the World’s Forest Genetic Resources</i></p> <p><i>SPC in collaboration with FAO organized a regional training workshop to provide training to national focal points on forest genetics of FAO member countries in the Pacific to support their preparation of their country reports (to be submitted to FAO by 01st January 2012). SPC is providing technical support to the member countries on their preparation of their country report.</i></p>

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FOCAL AREA 2: PROMOTE SUSTAINABLE USE		
GOAL 4: Promote sustainable use and consumption		

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<p>Target 4.1: Island biodiversity-based products are derived from sources that are sustainably managed, and production areas managed, consistent with the conservation of biological diversity</p> <p>Target 4.2: Unsustainable consumption of island biological resources and its impact upon biodiversity is reduced</p> <p>Target 4.3: No species of wild flora and fauna on islands is endangered by international trade</p>		<p><u>FOREST BIODIVERSITY</u> <i>Through the initiative of SPC and its development partners, Pacific Island Countries and Territories (PICTs) has adopted a “Regional Strategies and Action Plans for the Conservation, Management and Sustainable Use of Forest and Tree Genetic Resources in the region (2007-2015) The Action Plan now serves as the framework for planning and implementing the conservation, management and sustainable use of forest and tree genetic resources within PICTs and serves as their guide in developing and implementing relevant policies and activities within their own regional, national and local settings to contribute to the security and development of Pacific forest and tree genetic resources for present and future generations.</i></p> <p><i>SPC, with assistance from its development partners (mainly CSIRO and JICA) is now establishing a regional forest tree seed centre to facilitate the access and exchange of tree germplasm in the region. The centre will assist PICTs to collect and share germplasm of priority tree species. It will provide technical support, training, information and advise on seed technology, seed treatment, storage, propagation techniques (tissue culture methods can be developed for selected tree species) and establishment of seed production areas for priority species difficult to collect form the wild.</i></p>

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FOCAL AREA 3: ADDRESS THREATS TO BIODIVERSITY		
GOAL 5: Pressures from habitat loss, land-use change and degradation, and sustainable water use, reduced on islands		
<p>Target 5.1: Rate of loss and degradation of natural habitats in islands significantly decreased</p> <p>5.</p>		<p><u>FOREST BIODIVERSITY</u> <i>The Land Resource Division of the Secretariat of the Pacific Community, through its Forests and Trees Programme is providing technical assistance to Nauru in the rehabilitation of its phosphate mined areas mainly on capacity building/training of local staff on restoration of its forest landscape.</i></p> <p><i>An inventory of the vegetation and flora of Nauru was conducted to determine its current status and determine actions that need to be taken to protect its remaining indigenous plants and vegetation.</i></p> <p><i>The inventory serves as the basis to protect and conserve their native plant species and effectively use them in the rehabilitation of their mined areas.</i></p> <p><i>The practice of agroforestry among Nauruans using some of the most appropriate indigenous trees, shrubs and tree-like plants and multipurpose plants is strongly recommended to strengthen its local food production system.</i></p>
GOAL 6: Control threats to island biological diversity from invasive alien species		
<p>Target 6.1: Pathways for major potential alien invasive species are identified and controlled on islands</p>		

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Target 6.2: Management plans in place and implemented for major alien species that threaten ecosystems, habitats or species		
GOAL 7: Address challenges to island biodiversity from climate change, and pollution		
Target 7.1: Resilience of the components of biodiversity to adapt to climate change in islands maintained and enhanced 7.1.1		
Target 7.2: Pollution and its impacts on island biological diversity significantly reduced		<p style="text-align: center;"><u>ANIMAL GENETICS</u></p> <p><i>ROC/ Taiwan AHP/SPC animal waste Management project conducted trials using technologies utilising animal waste e.g. composting piggery and biogas digesters in Fiji.</i></p> <p><i>Impact of animal waste could pollute water sources and environment.</i></p> <p><i>Conducted awareness programme on risks of animal waste to human health and environment in Fiji, Kiribati and Tonga</i></p>

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FOCAL AREA 4: MAINTAIN GOODS AND SERVICES FROM BIODIVERSITY TO SUPPORT HUMAN WELL-BEING		
GOAL 8: Maintain capacity of island ecosystems to deliver goods and services and support livelihoods		
<p>Target 8.1: Capacity of island ecosystems to deliver goods and services maintained or improved</p> <p>Target 8.2: Biological resources that support sustainable livelihoods, local food security and health care, especially of poor people living on islands, maintained</p> <p>8.1 <i>for food and livelihoods</i></p>		<p><u>FOREST BIODIVERSITY</u></p> <p><i>The Secretariat of the Pacific Community, through its Forests and Trees Programme, is promoting the concept and practice of Agroforestry mainly through training/workshops in order to build the capacity of national/local communities and provide support in setting up demonstration trials and community nurseries, identifying and collecting threatened species and cultivars, collecting information on native tree propagation and diversification, planting trees in crop-land areas, and developing intercropping and multi-storey tree gardens, assessing nutrient deficiency, propagation techniques and obtaining a better understanding of how to plan and implement programmes for the protection and enrichment of existing systems and their component trees.</i></p>

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FOCAL AREA 5: PROTECT TRADITIONAL KNOWLEDGE AND PRACTICES		
GOAL 9: Maintain socio-cultural diversity of indigenous and local communities on islands		
<p>Target 9.1: Measures to protect traditional knowledge, innovations and practices associated with island biological diversity implemented, and the participation of indigenous and local communities in activities aimed at this promoted and facilitated</p> <p>Target 9.2: Traditional knowledge, innovations and practices regarding island biodiversity respected, preserved and maintained, the wider application of such knowledge, innovations and practices promoted with the prior informed consent and involvement of the indigenous and local communities providing such traditional knowledge, innovations and practices, and the benefits arising from such knowledge, innovations and practices equitably shared</p> <p>9..</p>		<p><u>PLANT GENETICS</u> <i>A consultancy on traditional knowledge linked to the ITPGRFA Annex 1 crops was conducted and a report is available. Recommendations were made as to best practices for collecting indigenous knowledge connected with agricultural crops</i></p>
FOCAL AREA 6: ENSURE THE FAIR AND EQUITABLE SHARING OF BENEFITS ARISING OUT OF THE USE OF GENETIC RESOURCES		
GOAL 10: Ensure the fair and equitable sharing of benefits arising out of island genetic resources		
<p>Target 10.1: All access to genetic resources from islands is in line with the Convention on Biological Diversity and its relevant provisions and, as appropriate and wherever possible, with the International Treaty on Plant Genetic Resources for Food and Agriculture and other applicable agreements*</p> <p>Target 10.2: Benefits arising from the commercial and other utilization of island biodiversity genetic resources shared in a fair and equitable way with the island countries providing such resources in line with the CBD and its relevant provisions</p>		<p><u>PLANT GENETICS</u> <i>All access to materials conserved in the SPC genebank, CePaCT are under the SMTA of the ITPGRFA as SPC on behalf of the region has signed Article 15 of the ITPGRFA.</i></p> <p><u>FOREST BIODIVERSITY</u> <i>In line with its establishment of a regional forest tree seed centre, SPC has drafted a Material Transfer Agreement that will be adopted to facilitate the exchange of tree germplasm in the region. The proposed MTA aims to safeguard the intellectual property rights and ensure fair access and benefit sharing (ABS) for the countries' forest and tree genetic resources.</i></p>

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FOCAL AREA 7: ENSURE PROVISION OF ADEQUATE RESOURCES		
GOAL 11: Parties have improved financial, human, scientific, technical and technological capacity to implement the Convention		
<p>Target 11.1: New and additional financial resources are allocated to all islands, in particular small islands developing States and for developing country Parties, to facilitate the effective implementation of this programme of work and, in general, their commitments under the Convention in accordance with Article 20</p> <p>Target 11.2: Technologies are transferred to developing country Parties, in particular small island developing States, to allow for the effective implementation of this programme of work and, in general, their commitments under the Convention, in accordance with Article 20, paragraph 4</p> <p>Target 11.3: Capacity of islands to implement this programme of work on island biological diversity and all its priority activities is significantly strengthened</p> <p>11</p>		<p style="text-align: center;"><u>PLANT GENETICS</u></p> <p><i>The SPC LRD Genetic Resources programme receives significant funding from the AusAID climate change initiative (ICCAI) which supports many PGRFA related activities outlined in this report.</i></p> <p style="text-align: center;"><u>FOREST BIODIVERSITY</u></p> <p><i>SPC conducts regional and national workshops and training to build the capacity of its member countries to enable them to address the issues and challenges on forest conservation and promote sustainable management of their forest resources.</i></p>

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