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## Component 6

### Climate Change Education

#### Objective

Support the strengthening of the capacity of education ministries, training institutions, schools and teachers to develop and deliver education on climate change adaptation and mitigation.

#### Highlights

Supported the:

- drafting of new learning outcomes and competencies on climate change and disaster risk management for primary schools in Fiji, Kiribati and Vanuatu, for secondary schools in Fiji and Vanuatu and for technical and vocational education and training programmes (TVET) in Fiji, Kiribati and Vanuatu;
- development of awareness and education materials for schools;
- development of a Climate Change Outreach Toolkit (with SPC & PACCSAP).



Trialling of the Climate Change Outreach Toolkit in class 7 + 8 in Fiji  
Photo by: SPC/GIZ CCCPIR

#### Implementation

The programme is implemented in Fiji, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu.

#### Main regional partners:

Secretariat of the Pacific Community in partnership with Secretariat of the Pacific Regional Environment Programme

Other regional implementing partners: University of the South Pacific, Melanesian Spearhead Group, South Pacific Tourism Organisation, Pacific Power Association, and the United Nations Educational, Scientific and Cultural Organisation

Duration: January 2009–December 2015

#### Funding

EUR 19.2 million through the German Federal Ministry for Economic Cooperation and Development (BMZ)

#### Further information

For further details on the SPC/GIZ CCCPIR programme please visit [www.spc.int](http://www.spc.int) or contact:

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#### For more information on GIZ please visit [www.giz.de](http://www.giz.de)

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## Coping with Climate Change in the Pacific Island Region



#### Programme overview

Pacific Island countries are among those most vulnerable to the effects of climate change. The projected increase in atmospheric and sea surface temperatures, changing rainfall patterns, prolonged drought periods, an increased frequency of extreme weather events, and rising sea levels will seriously affect the lives of Pacific Islanders. It is therefore crucial that Pacific Island communities are armed with the skills to respond knowledgeably, prudently and efficiently to these changes.

The SPC/GIZ regional programme – Coping with Climate Change in the Pacific Island Region (CCCPIR) – aims to strengthen the capacities of 12 Pacific Island countries to cope with the current and anticipated impacts of climate change. The programme is also working to enhance the capacity of Pacific regional organisations to support Pacific Island countries in this regard.

CCCPIR aligns with the Pacific Island Framework for Action on Climate Change 2006–2015, responding to both the climate change adaption and mitigation strategies defined. At national level the programme supports and works within existing national policies, strategies and priorities.

The programme supports interventions – from the national policy to the community level, where implementation is carried out after multi-stakeholder consultation processes. At the national level, the programme is supporting the development and implementation of relevant national and sector adaptation and mitigation policies and strategies. These include national climate change policies, national adaptation programmes for action, joint national action plans on climate change and disaster risk management, national sustainable development strategies and national communications to the United Nations Framework Convention on Climate Change.

CCCPIR is supporting the systematic sharing of information, lessons and experiences within and between countries to optimise benefits and widely disseminate best practices. The programme's reporting system is assessing the incorporation of gender issues in planning and implementation processes.

#### Programme components, objectives and highlights

##### Component 1

##### Strengthening regional advisory and management capacity

##### Objective

Improve advisory and management capacity in regional organisations and promote adaptation to climate change and reduction of greenhouse gas emissions in the region

##### Highlights

Supported the:

- Pacific Climate Change Portal;
- development of the Pacific Gender and Climate Change Toolkit;
- integration of climate change into key SPC programmes (e.g. Animal Health and Production support);
- development and delivery of training on cost-benefit analysis of adaptation and mitigation options;
- awareness raising and training of regional media personnel on climate change issues.



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### Component 2

Mainstreaming climate considerations and adaptation strategies

#### Objective

Support selected PICs to implement adaptation strategies for managing natural resources and to mainstream climate change into sector policies.

#### Highlights

Supported the:

- development of the Fiji National Climate Change Policy and the Fiji REDD+ Policy;
- mainstreaming of climate change issues into the Vanuatu National Development Strategy, the Environment Act, the National Forest Policy and the National Land Use Plan;
- mainstreaming of climate change issues into the Tonga National Forestry Policy and development of the National Land Use Policy;
- development of joint national action plans on climate change and disaster risk management in Kiribati and Nauru;
- development of national climate change portals in Vanuatu and Fiji, the Fiji national REDD+ website and the development and dissemination of climate change newsletters in Fiji, Vanuatu and the Northern Pacific.

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### Component 3

Implementing adaptation and mitigation measures

#### Objective

Support the implementation and evaluation of adaptation and mitigation measures in the field of natural resources in selected PICs, particularly at community level.

#### Highlights

Supported the:

- establishment of a national REDD+ pilot site in Fiji (identified to be the hottest biodiversity forest area in Fiji) and two community adaptation sites each in Tonga, Vanuatu and Papua New Guinea, focussing on food security and land use planning;
- development and implementation of an integrated climate change programme in Choiseul (Solomon Islands) following the ridge-to-reef and ecosystem-based adaptation approach; implementing partners include SPC, SPREP, United Nations Development Programme, Pacific-Australian Climate Change Science Adaptation Programme (PACCSAP) and The Nature Conservancy;
- increased climate change resilience by using a community-based ecosystem approach to fisheries management (CEAFM) in Yap, Federated States of Micronesia.

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### Component 4

Sustainable tourism and climate change

#### Objective

Support innovative partnerships and approaches in the tourism sector to promote adaptation to climate change and a reduction in GHG emissions.

#### Highlights

Supported the:

- national consultations for integrated stakeholder engagement across the tourism, climate change, and natural disaster management in Samoa and Vanuatu.

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### Component 5

Sustainable energy management

#### Objective

Support public and private providers in the energy sector to strengthen and improve their climate-related services and their focus on sustainability, reliability and cost-effectiveness in the energy sector in the region.

#### Highlights

Supported the:

- production of the energy sector overview report and the energy roadmap in Nauru (with IRENA);
- wind energy pre-feasibility study for Tongatapu Island in Tonga (completed in 2012);
- IRENA Renewables Readiness Assessment in Kiribati;
- solar PV pre-feasibility study for the Vanuatu Meteorology and Geo-hazards Department (VMGD);
- walk-through energy audit report for the VMGD in cooperation with the ADB Promoting Energy Efficiency in the Pacific programme Phase 2 (PEEP2).

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Vulnerability and adaptation assessment in Choiseul Province, Solomon Islands, 2012  
Photo by: Roger James



Soil identification in Kivori, PNG, 2012  
Photo by: James Ernest



Community appraisal in Fiji REDD+ pilot site village (Draubuta), 2012  
Photo by: SPC/GIZ CCCPIR



Construction of fish aggregation devices in Yap, Federated States of Micronesia, 2013  
Photo by: SPC/GIZ CCCPIR



Preparing fruits for the solar fruit dryer, Pele Island, Vanuatu, 2013  
Photo by: SPC/GIZ CCCPIR



50m tall wind monitoring mast at Lapaha in Tongatapu, Tonga  
Photo by: SPC/GIZ CCCPIR