
AGENDA ITEM 12.1.1:

Climate Change Resilience Programme Highlights 2020/2021 Work Programme

Purpose of Paper

1. To seek endorsement of the priorities for the SPREP Climate Change Resilience (CCR) Work Programme for the biennial period 2020/2021.
2. In the next biennial period, SPREP's CCR Programme will build on the outcomes achieved and lessons learnt in the biennial period 2018-2019 under Regional Goal 1 of the SPREP Strategic Plan 2017 – 2026. In doing so the Programme will focus on:
 - a. Outcome 1.1: Strengthened capacity of Pacific Island Members to meet national CCR priorities and national development goals including in meeting regional and international commitments by:
 - Supporting capacity building in PICTs to implement adaptation plans and NDCs;
 - Supporting 5 PICs to develop and implement GCF NAP Readiness proposals, implementation of national adaptation plans, low carbon emissions strategies and NDCs;
 - Scaling up support to PICs in climate change negotiations;
 - Supporting PICTs in mainstreaming cross cutting issues of gender, human rights and disabilities into climate change and resilience actions;
 - Scaling up Regional and national climate change portals to increase reach and coverage of climate change information and knowledge products.
 - b. Outcome 1.2: Minimise pressures on vulnerable Pacific island ecosystems by implementing and scaling up ecosystem-based approaches (EbA) to climate change adaptation, in order to sustain biodiversity and the ecosystem services that support the livelihoods and sustainable development of Pacific peoples.
 - Projects such as the Pacific Partnership on Ocean Acidification and PEBACC will continue to work with Pacific communities to:
 - build their capacity to understand and manage climate change impacts
 - include mangrove and coral restoration, locally managed marine areas, and aquaculture establishment as alternative livelihood for reef dependent communities;
 - establish monitoring and an ongoing time-series of ocean chemistry for 3 PICTs;
 - provide adaptation and EbA support tool.
 - c. Outcome 1.3: Enhanced National Meteorological and Hydrological Services (NMHS) by building capacity in weather forecasting, early warning systems, long-term projections and improved climate services to support Members' decision-making and coordination through the Pacific Meteorological Council will be prioritized By:
 - Providing IT, Seasonal Climate Prediction and Traditional Knowledge, and Database Management capacity building training for the NMHS staff
 - Strengthening the technical capacity of the NMHSs through the following projects in 14 Pacific Island Countries:
 - **Republic of Korea – Pacific Climate Prediction Services Project Phase 2** implemented by SPREP and Pohang University of Science and Technology.
 - **Climate and Oceans Support Programme for the Pacific (COSPPac) Phase 2** funded by the Government of Australia and implemented by SPREP, the Australian Bureau of Meteorology and the Pacific Community.

- **Community-based Early Warning System and DRR funded** by the Climate Change Canada, CREWS Secretariat and WMO and implemented by SPREP
 - Building capacity in single country national administrations:
 - **Vanuatu Klaemet Information blong Redy, Adapt mo Protekt (Van-KIRAP) Project** funded by the Green Climate Fund and implemented by SPREP and the Government of Vanuatu.
 - The **Met Office Pacific Fund** funded by the United Kingdom Meteorological Office (UKMO) and implemented by SPREP and the New Zealand Meteorological Service (MetService) supporting the Upper Air operation of Tuvalu and Kiribati
 - **Pacific Next Generation Projection Project** funded by the Australian Department of Foreign Affairs and Trade (DFAT) and implemented by SPREP and the Commonwealth Scientific and Industrial Research Organisation (CSIRO).
 - Finalising development of the following projects:
 - Enhancing Early Warning Systems to build greater resilience to hydro and meteorological hazards in Pacific Small Island Developing States (SIDS) for Solomon Islands, Fiji, Papua New Guinea and Vanuatu and
 - Intra-ACP Climate Services and related applications for the Pacific ACP members funded by the EU
 - Supporting organisation of regional and national meetings including 6th Pacific Meteorological Council Meeting, Pacific Ministerial Meeting on Meteorology and Pacific Island Climate Outlook Forum.
 - Supporting the PMC by implementing the outcomes of the meeting and providing secretariat support to the 6 expert Panels under the PMC (Climate Services; Education, Training and Research; Marine and Oceans Services;) Aviation Weather Services; Hydrology Services, and Communications and Infrastructure.
 - Supporting development of websites for 4 NMHS (Cook Islands, Nauru, Kiribati, Niue) for effective delivery of climate/weather information to communities and stakeholders
 - Supporting development of traditional knowledge programmes in 9 Member countries (Solomon Islands, Vanuatu, Tonga, Niue, Samoa, FSM, Palau, Marshal Islands and Kiribati) including work on the collection, storage and monitoring of climate and weather TK indicators; development and integration of TK with forecasts and warnings and develop country specific TK communication products for communities in 14 member countries
 - Collaborating with NMHS and partners to implement the Pacific Climate Change Science and Services Research Roadmap.
 - Support development of NMHS Communication Strategies building on lessons learned from Climate Services Communication strategies for all 14 NMHS
 - Support the development of customised sector bulletins to enhance the uptake of the science to inform sector-based decision-making including trainings at national and regional levels.
- d. Outcome 1.4: Pacific Island members' national institutions strengthened through access to climate change finances and national accreditation processes by:
- Supporting at least 4 PICs in enhancing their capacity to access climate finance and implement NDA Readiness projects including national accreditation;
 - Working in collaboration with the PCU to develop regional and national projects to the various climate change funding mechanisms;
 - Supporting preparation of project proposals through stakeholder engagement, training and advice;
- e. Outcome 1.5: Pacific Island Members have instituted policy measures for loss and damage to life and property and for disaster-induced population mobility, by:
- Supporting the implementation of Pacific Insurance Climate Change Facility
 - Supporting capacity building to increase understanding of loss and damage

Challenges

3. Progress towards achieving Regional Goal 1 is challenged by:
 - Limited capacity to respond to requests from countries for project development, implementation and management, including in the increased complexity of requests;
 - Limited programmatic funding to support utilisation of SPREP's technical expertise in project development and implementation and delivery of in-country services such as training and advice.

Recommendation

4. The Meeting is invited to:
 1. **endorse** key areas of work and focus of the CCR Work Programme for 2020/2021.
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1 August, 2019