



## 2<sup>nd</sup> Executive Board Meeting

2 – 4 September 2020

### Agenda Item 11.1.1: Climate Change Resilience Highlights of 2020-2021 Work Programme

#### Purpose of paper

1. To provide an update of the Climate Change Resilience 2020-2021 Work Programme activities for 2020-2021 including challenges and opportunities.
2. **Regional Goal 1: Pacific People benefit from strengthened resilience to climate change**

#### **RO 1.1: Capacity of Pacific island Members strengthened to manage national CCR programmes (CCA, LCD, NDCs, and DRR) in achieving national development goals under regional and international agreements**

- Ongoing Intra-ACP GCCA+ Pacific Adaptation to Climate Change and Resilience Building project (PACRES) support to national policy development includes review of Solomon Islands' NDC and National Climate Change Policy, finalisation of Tuvalu's National Climate Change Policy, and development of Nauru's National Climate Change Policy. The PCCC is up and running with training modules being rolled out and staff recruitment in progress. The PCCC capacity building programme with JICA will continue virtually due to the impact of Covid-19 with the next module to be delivered in the fourth quarter 2020. The 2021 training schedule will be advised to Members in due course;
- The PCCC 2020-2021 Work Programme is focused on realising its full potential as a hub for partnerships, research and climate action;
- The Pacific NDC Hub is established with work to operationalise it within the PCCC is underway including recruitment of an NDC Officer and revision of the former Regional Technical Support Mechanism (RTSM) to provide NDC technical assistance to PICs.
- SPREP continues to lead the One CROP+ Coordination to support to Members' preparations for and negotiations at UNFCCC meetings. Work is now focused on preparations for COP26, and longer-term via the Pacific Voyage Plan. The Post-COP25 Analysis workshop outcomes and PSIDS survey results will further inform this work.
- Reviewing and updating support products and tools for PICs in the negotiations and associated meetings of the UNFCCC is on-going.
- Following the success of the Moana Blue Pacific Pavilion at COP25, SPREP is preparing for delivery of the next Pavilion in partnership with New Zealand and Fiji.

**RO 1.2 - Minimised multiple pressures on vulnerable Pacific island ecosystems by implementing ecosystem-based approaches to climate change adaptation, including responses to ocean acidification and sea level rise, to sustain biodiversity and the provision of ecosystem services that support livelihoods and sustainable development.**

- An update on the Pacific Ecosystem-based Adaptation to Climate Change (PEBACC) project is provided in the Working Paper to Agenda Item 11.2.3;
- The Pacific Partnership on Ocean Acidification (PPOA) Project continues to make good progress in our pilot countries with community-based mangrove, seagrass and coral planting programmes underway. The Principality of Monaco has committed to a new biodiversity and climate change project to build on the success of the PPOA;
- The PACRES project is supporting on-going ecosystem-based activities in Samoa (including developing Management Plan for Masamasa-Falelima National Park) and building on PEBACC activities around Honiara in Solomon Islands and Port Vila in Vanuatu;
- The Secretariat continues to advance traditional knowledge programmes in Solomon Islands, Vanuatu, Tonga, Niue, Samoa, Palau, Marshal Islands and Kiribati, and looks to expand this programme to other countries.

**RO 1.3 - Enhanced National Meteorological and Hydrological Services (NMHS) 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.**

- The Pacific Meteorological Desk will continue to strengthen the technical capacity of NMHSs through the following projects implemented by SPREP and partners:
  - *Republic of Korea – Pacific Climate Prediction Services Project Phase 2*: building on the progress in Phase 1 to develop state-of-the-art prediction tools for seasonal climate outlooks;
  - *Government of Australia - Climate and Oceans Support Programme for the Pacific (COSPPac) Phase 2*: in partnership with the Australian Bureau of Meteorology and the Pacific Community is supporting NMHSs in 14 PICs with the production of climate information, collection of traditional knowledge on climate and weather indicators;
  - *Green Climate Fund - Vanuatu Klaemet Information blong Redy, Adapt mo Protek (Van-KIRAP) Project* implemented by SPREP with the Government of Vanuatu and development partners Commonwealth Scientific and Industrial Research Organisation (CSIRO) and the Australian Bureau of Meteorology ,despite Covid-19 restrictions continues to develop productive sector and community-level climate planning;
  - *Climate Change Canada - Community-based Early Warning System and DRR* in partnership with the CREWS Secretariat and WMO is supporting NMHSs in 14 PICs to partner with community mobilisers to deliver simplified climate information to communities;
  - *UK Meteorological Office - Met Office Pacific Fund* in partnership with New Zealand Meteorological Service supports Upper Air operation of Tuvalu and Kiribati with the management of sites and purchase of consumables (eg radiosondes).
  - *Australian Government - Pacific Next Generation Projection Project*: in partnership with CSIRO demonstrates through case studies the application of climate change science for decision making in sectors;

- The Secretariat continues its support to the Pacific Meteorological Council (PMC) with implementation of PMC meeting outcomes and support to the PMC's six expert panels: Climate Services; Education; Training and Research; Marine and Oceans Services; Aviation Weather Services; Hydrology Services; Communications and Infrastructure.
- SPREP is working with NMHSs in Solomon Islands, Vanuatu, Fiji and Tonga to manage the aftermath of TC Harold including resources to repair damaged observation equipment, conduct impact-based assessments workshops and data collection.
- Looking forwards:
  - the 6<sup>th</sup> Pacific Islands Climate Outlook Forum (PICOF) is to be hosted in New Caledonia when Covid-19 travel restrictions are eased in partnership with Meteo-France, The Republic of Korea, CSIRO, World Meteorological Office and FAO, If this does not prove possible SPREP will host a virtual PICOF in 2020
  - 2021 will see the launch of the new Consensus Climate outlook Tool (CoCO).
  - in partnership with Korea Institute of Ocean Science and Technology (KIOST) a high-precision ocean acidification monitoring buoy will be installed in Samoa once COVID travel restrictions allow, complementing similar buoys in FSM (Chuck) and Palau.
  - A workshop for SPREP Members to build capacity on management of OA data is planned for early 2021 and negotiations are underway to further develop OA monitoring in SPREP Members.

#### **Outcome 1.4 – Pacific island Members national institutions strengthened through access to climate change finances and national accreditation processes**

- Support is being provided to the Governments of RMI and Niue to complete the implementation of their first GCF NDA Readiness projects based on recent re-scoping of activities and recent extensions by the GCF due to COVID19.
- Support is on-going to the Government of Solomon Islands in implementing its first GCF NDA Readiness project (approved in early 2020), as is support to the Governments of Niue and RMI in finalising their second GCF NDA Readiness projects.  
The secretariat will be assisting the Governments of Tuvalu, Nauru, Niue and FSM to implement their NAP projects which will enhance national adaptation planning processes and develop National Adaptation Plans.

#### **Outcome 1.5 – Pacific island Members implemented policy measures regarding loss and damage to life and property and disaster induced population mobility**

- SPREP continues work in support of the Pacific Islands Climate Change Insurance Facility (PICCIF) initiative. (Refer to the Working Paper for Agenda Item 6.2).

### **3. Opportunities and Challenges**

- The 2020-2021 work programme for the PCCC is a most exciting one as it will realise the vision of the PCCC as a centre of excellence for climate partnerships, research and action presenting a major set of opportunities for PICTs.
- The COVID19 pandemic travel restrictions have prevented the Programme from holding face-to-face in-country consultations, meetings, and workshops, consequently the Programme has prioritised activities that can be managed and undertaken remotely whilst moving in-country delivery to last quarter 2020 and 2021.

## Recommendations

4. The Executive Board meeting is invited to:
    1. **note** the updated highlights of the Climate Change Resilience 2020-2021 Work Programme.
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5 August, 2020