



SEVENTH MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL (PMC-7)

Agenda 13.2

Pacific Climate Change Centre: Coordination of Pacific Climate Change Science

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Purpose of the Paper

- To provide an update on coordination of Pacific Climate Change Science through the review of the Pacific Climate Change Science to Services Research Roadmap
- To provide an update on strengthening Pacific engagement and coordination in the Intergovernmental Panel on Climate Change (IPCC).



Regional Roadmap to facilitate
prioritisation, management, coordination
and delivery of climate change science
and services research in the Pacific





VISION OF THE PACIFIC CLIMATE CHANGE CENTRE

- To be a globally respected Centre of Excellence for brokering knowledge, research, innovation, capacity building, learning and training on climate change.*



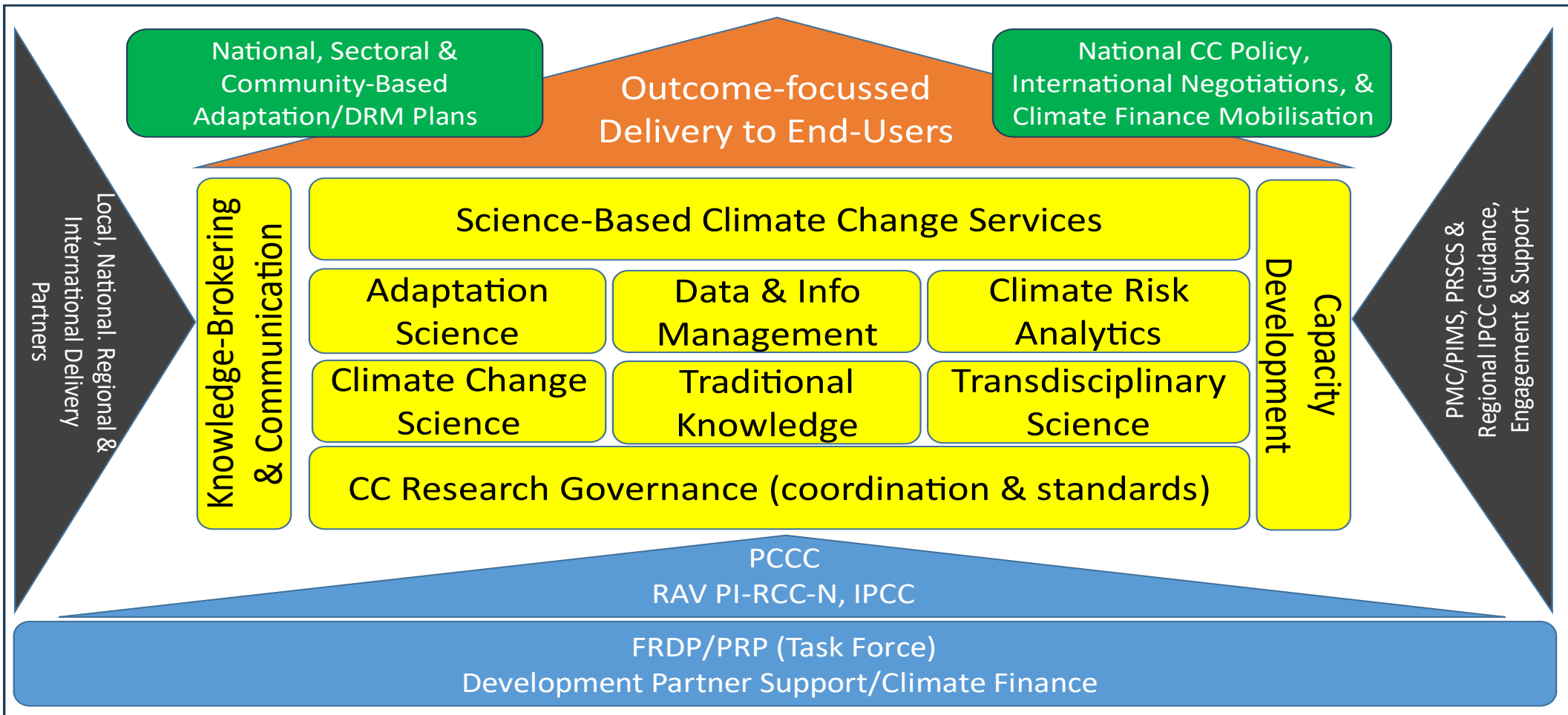


Background

- The *Pacific Climate Change Science and Services Research Roadmap (PCCS&SRR)* was developed in 2018 and endorsed by Pacific Met Council and published in 2020 aligned with the the Pacific Islands Meteorological Strategy (2017-2026).
- More recently, the Pacific climate change research community has also created substantial new scientific knowledge through various donor-funded projects.
- In recognition of the critical ongoing role of climate change research aligned with the scope and intended outcomes of the PIMS, PMC 6 decision - Pacific Climate Change Centre (PCCC) hosted at SPREP to review and update the original PCCS&SRR with a view to further expanding the strategic scope of the Roadmap (now simply referred to as the *Pacific Climate Change Research Roadmap/PCCRR*), and developing, prioritising and actioning a new Roadmap Implementation Plan.
- The new Roadmap would be better aligned to;
 - i) the new and emerging needs of the PIMS and related Pacific Roadmap for Strengthened Climate Services, ii)
 - the new IPCC (AR7) assessment reporting cycle, in particular for Working Group 1 and 2.



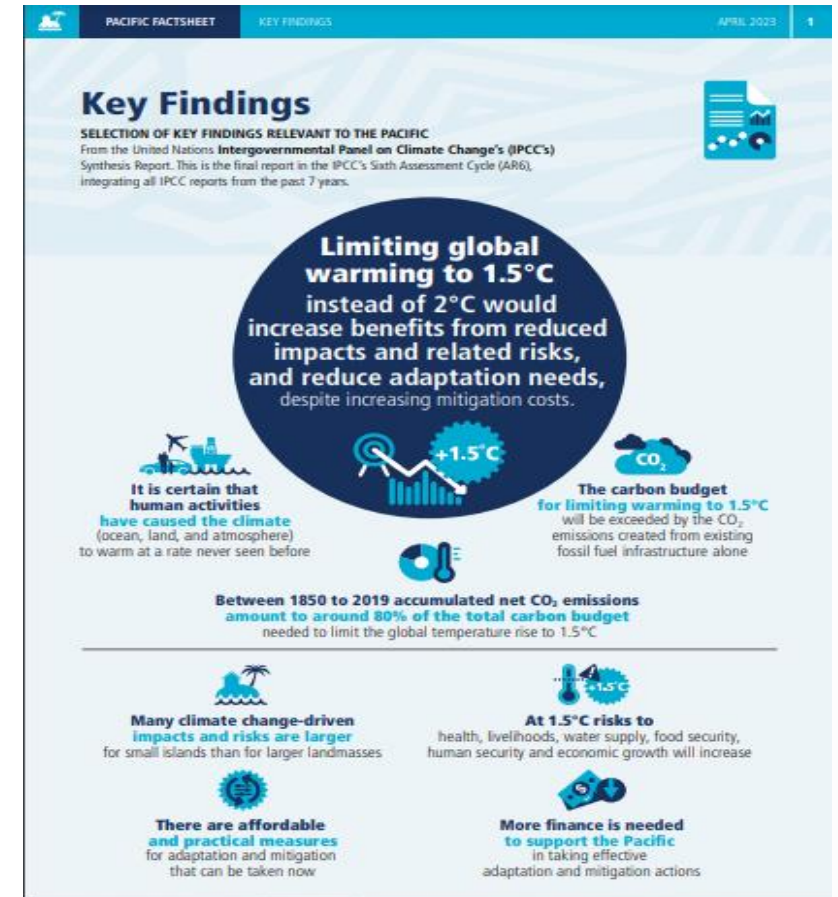
- The PCCC with funding UKMO – Pacific Wiser Programme, NZ & Australia conducted surveys, series of workshops during the Pacific Oceans Pacific Climate Change Conference (POPCCC4) and recruitment of a consultant for the review of the PCCR.
- The new PCCR to consider a more ‘end-to-end’ approach to climate change research in the Pacific, incorporating enhanced and enabling domains specifically for;
 - Climate change knowledge brokering, communications and capacity development,
 - Finer-scale analytics informing integrated (hazard, exposure, impact and vulnerability) risk assessments
 - More innovative and effective use of Traditional Knowledge (TK),
 - Adaptation and climate-related DRM planning,
 - Fit-for-purpose governance arrangements





Strengthening Pacific regional coordination engagement with IPCC

- The IPCC's objective since 1988 has been to provide governments at all levels with scientific information that they can use to develop climate policies.
- The PCCC hosted at SPREP have held a series of IPCC Pacific Webinars and a regional dialogue in partnership with the Australian National University (ANU).
- PMC 6 decision - recommended SPREP through the PCCC to provide support to strengthen Pacific regional coordination and engagement with the IPCC and related processes in collaboration with NMHS and other national & regional partners and agencies
- The PCCC through donor funding from DFAT & MFAT conducted a series of webinars with IPCC Chair – Pre COP 28, Preparation and Update on the outcomes of the IPCC Bureau meeting in May 2024.
- The call for nominations for the roles of Coordinating Lead Authors, Lead Authors and Review Editors for this Special Report. The link for this is: <https://www.ipcc.ch/2024/08/08/authorcallsrcities>



Next Steps

- Complete the Review of the Pacific Climate Change Research Roadmap and Implementation Plan
- Research Priorities - PAVE Project Wellcome Trust (health & research) / Horizon Europe Research (The attribution to climate change, and improved forecasting)
- Consultancy to design the coordination mechanism on strengthening pacific engagement in the IPCC
- Pacific Oceans Pacific Climate Change Conference 2026 – SINU, Solomon Islands





Recommendations

The Meeting is invited to:

- **Note** the progress on the review of the Pacific Climate Change Research Roadmap
- **Note** the progress for strengthening Pacific engagement and coordination of the IPCC
- **Acknowledge** PMC member countries, partners and donor community
- **Recommend** resource mobilisation for the strengthening Pacific engagement and coordination of the IPCC and the implementation of the Pacific Climate Change Research Roadmap.