

GCCA Intra-ACP Programme

ACP Consultative meeting in preparation of the

UNFCCC COP20

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ACP House, Brussels

Professor Elisabeth Holland

on behalf of Working Arm on Climate Change and Disaster Resilience Development



CPS
Secrétariat général
de la Communauté
du Pacifique



SPC
Secretariat
of the Pacific
Community



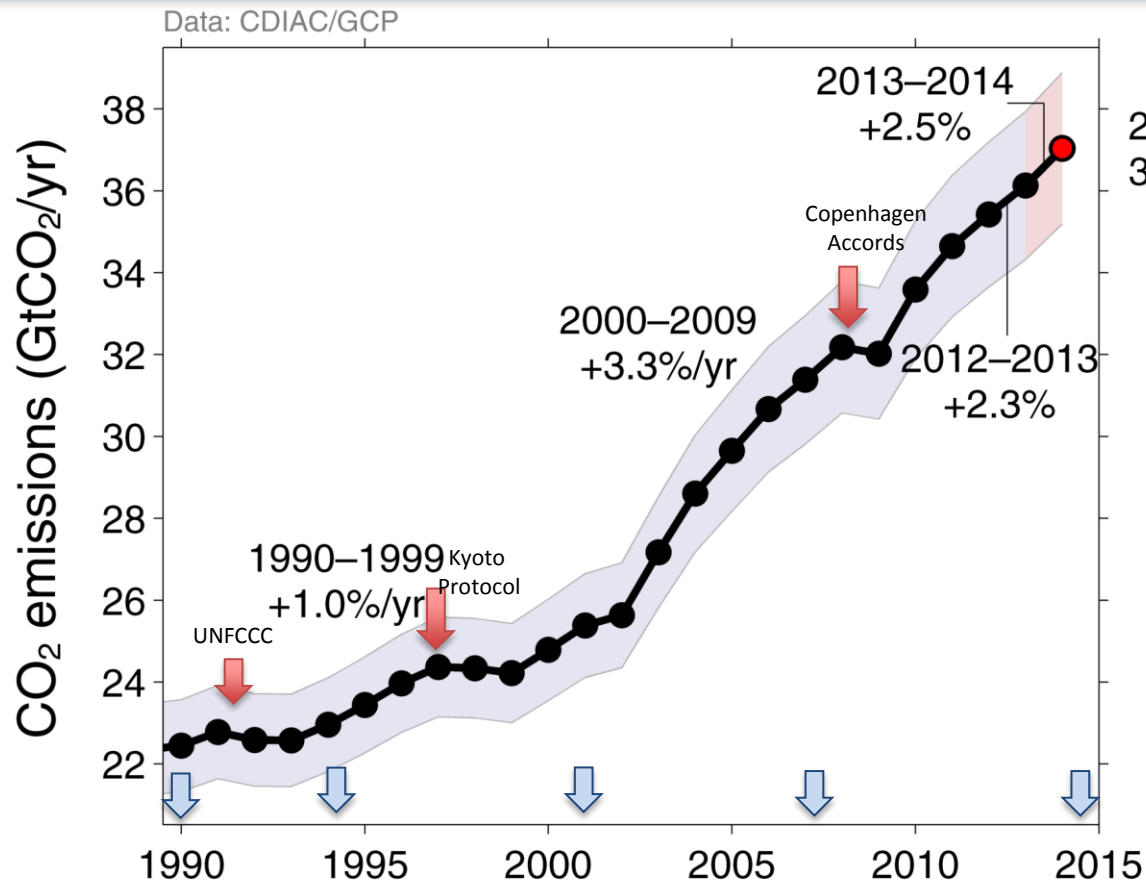
An initiative of the ACP Group of States funded by the European Union



Fossil fuel and Cement Emissions of CO₂

Global fossil fuel and cement emissions: 36.1 ± 1.8 GtCO₂ in 2013, 61% over 1990

● Projection for 2014 : 37.0 ± 1.9 GtCO₂, 65% over 1990



Uncertainty is $\pm 5\%$ for one standard deviation (IPCC “likely” range)

↓ IPCC report

Estimates for 2011, 2012, and 2013 are preliminary

Source: CDIAC; Le Quéré et al 2014; Global Carbon Budget 2014



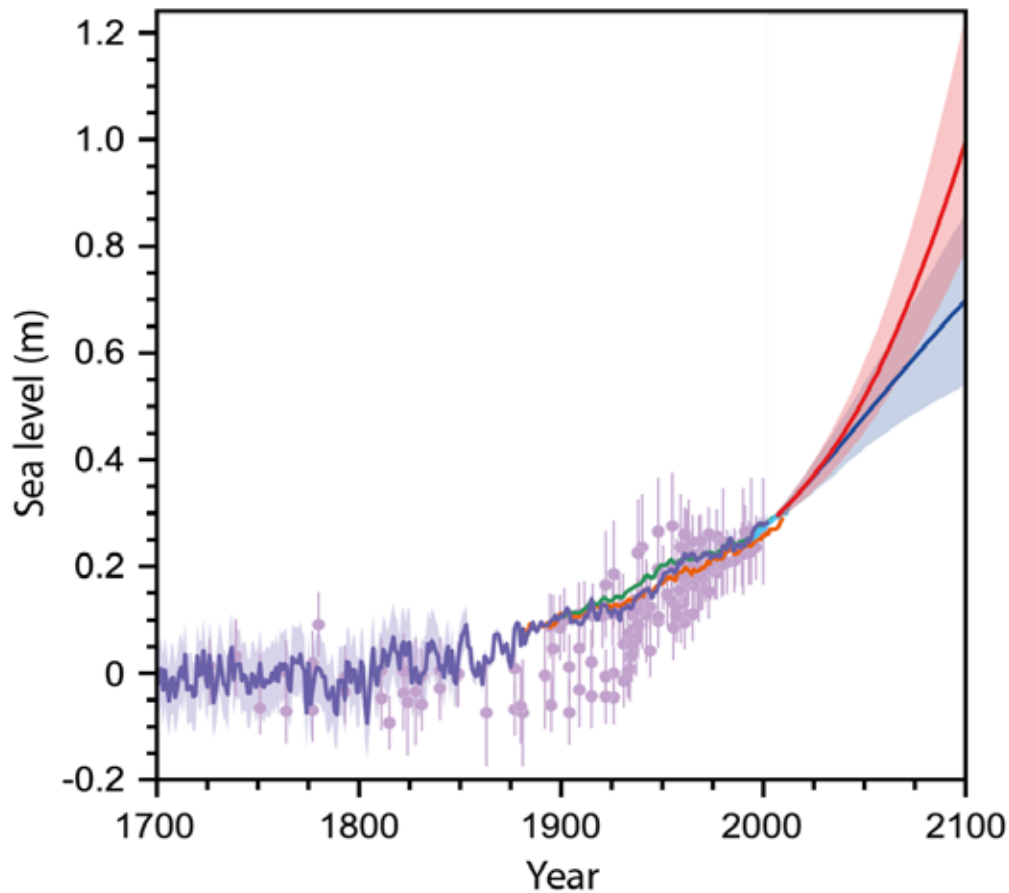
IPCC AR5 Physical Science Basis

approved 27 September, 2013 Stockholm, Sweden

- **Warming in the climate system is unequivocal** and since 1950 many changes have been observed throughout the climate system that are unprecedented over decades to millennia.
- Each of the last three decades has been successively warmer at the Earth's surface than any preceding decade since 1850



Sea Level Rise, IPCC AR5



Total Sea level rise to date globally
since 1850:
20 cm

Total Sea Level rise to come
by 2100: **50-120 cm**
by 2300: as much as **300 cm**
(3m) if atmospheric carbon
dioxide exceeds 500 ppm, now
400 ppm

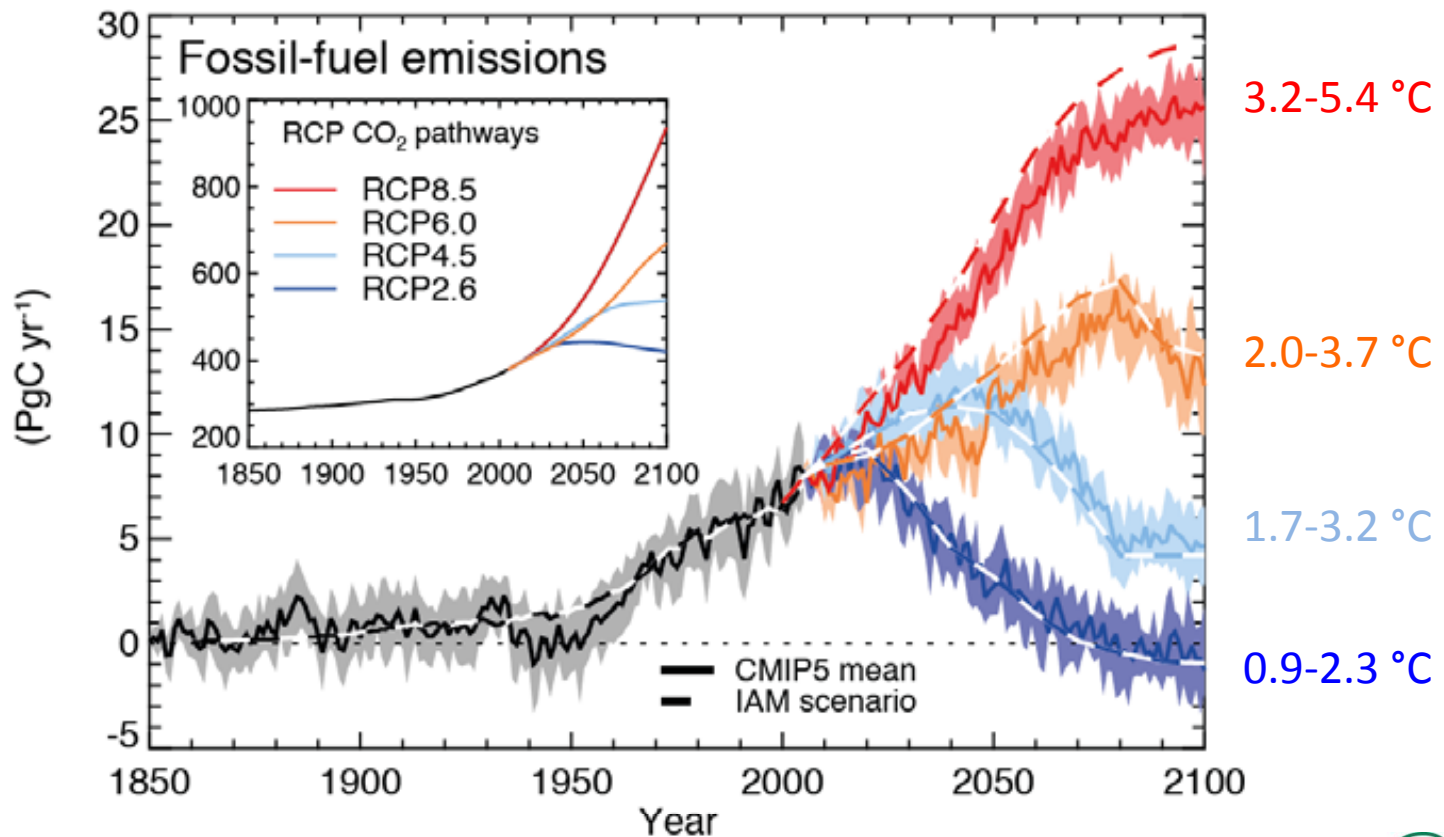
Since Rio/UNFCCC in 1992 Global
sea level has risen:

5.5 cm



What does the Future hold?

Warming to date 0.85°C



Key Messages ADP: Need Action NOW!

- Delayed emissions reductions increased long term cost
- 2° C is still possible with emissions peaking in 2020 and a 50% reduction in emissions by 2030
- Adaptation costs are considerable even with 1.5° or 2 ° C
- UNPRECEDENTED GLOBAL COLLABORATION REQUIRED



Key Messages for EU-GCCA



- EU GCCA builds on the strength of the EU with networks of collaboration
- Investment in impacts, vulnerabilities, adaptation and mainstreaming is needed for low carbon resilient development
- Capacity building is needed to strengthen research needed for strong science & evidence based policy



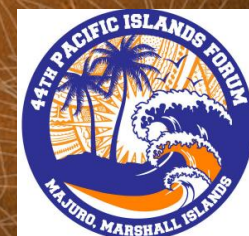
Messages from the Pacific SIDS



- SIDS specific low carbon resilient development:
 - Green economies in a blue world
 - Sustainable transport options are crucial, transport is often more than 70% of our fossil fuel budgets
 - Renewable energy for electricity is thus only 30% of problem.
 - NOT small island states BUT large ocean states
 - Focus on robust inter-Pacific Islands trade networks
 - Must build on Locally based IndigenWisdom



Majuro Declaration for Climate Leadership: Pacific Leadership on Low Carbon Development



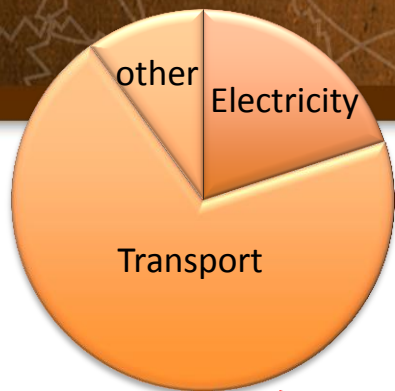
Developed World	Pacific
Australia: 5% emission reduction	FSM: 50% decrease in imported petroleum fuel
Canada: increasing emissions	PNG: decrease GHG by 50% by 2020, carbon neutral by 2050
EU latest 40% emission reduction with 27% renewable Europe wide:	Solomon Islands: 100% renewable by 2050
New Zealand: 5% emission reduction	Tuvalu: 100% renewable by 2020
US discussing 17% reduction in emissions compared to 2005	Vanuatu: 40% of power generation through renewables by 2015 65% of power generation through renewables by 2020



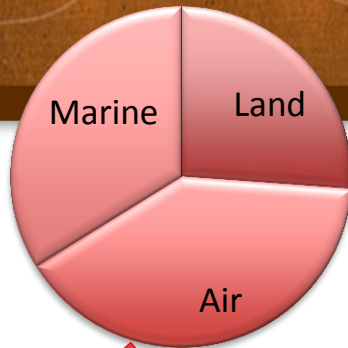
<http://www.majurodeclaration.org/>



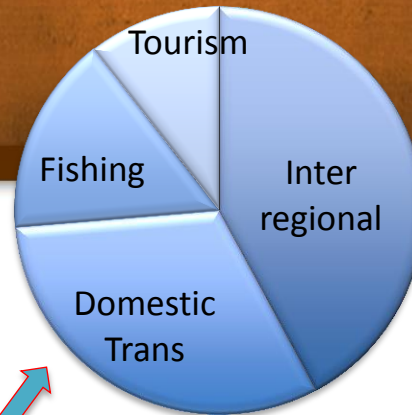
Imported Regional Fuel by Sector



Transport Fuel by Sector (Fiji)



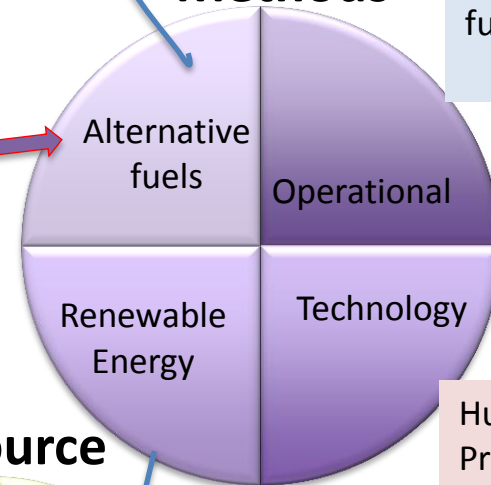
Marine by sector



LNG; hydrogen, methane, biofuel, biogas, etc

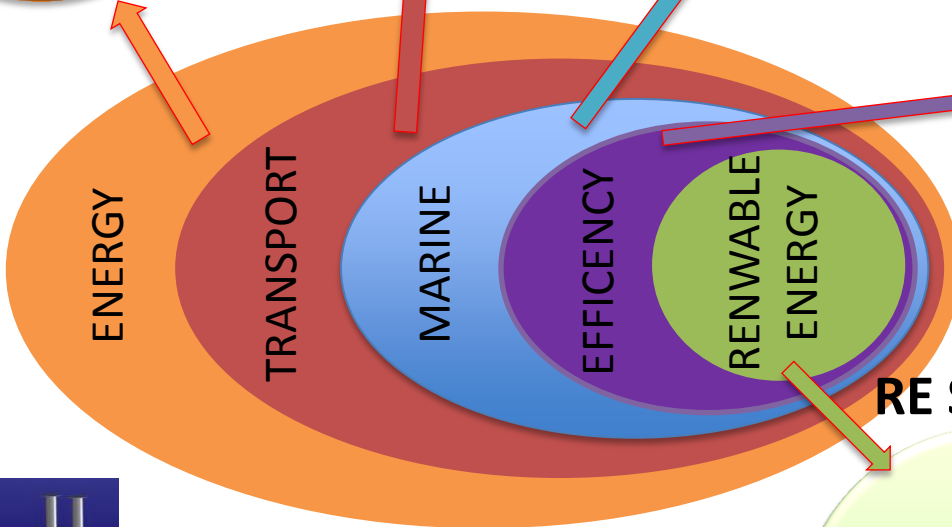
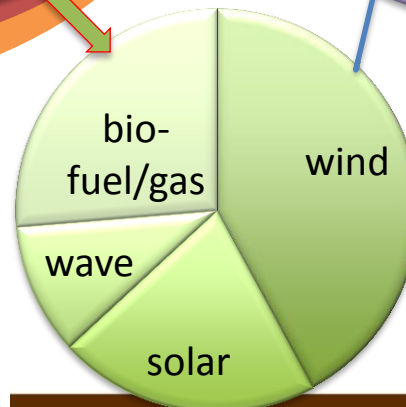
Slow Steaming, Port efficiencies, Weather routing, Just-in-time, bulk fuel purchase, etc

Efficiency Methods



Hull design, Propeller upgrade, Waste heat recovery, etc

RE Source



Ambition on Mitigation

ADP WS2

The WS2 technical process should continue until the mitigation ambition gap is closed. This can be improved by:

1. Increasing the effectiveness of the TEMs;
2. Linking WS2 with mitigation initiatives;
3. Convening annual mitigation ambition ministerial/high-level meetings;
4. Creating and maintaining a dynamic online menu of policy options; and
5. Providing adequate technical and administrative support for WS2 activities.



- Developing skills for new and sustainable jobs,
- Engaging all groups of society
- Communicating climate science and sharing information on climate change effectively to foster an informed citizenry
- Benefitting from traditional knowledge and indigenous practices for innovative climate action



Process for assessing adequacy of commitments in iNDCs

- No agreed process yet to assess adequacy of iNDCs and commitments in the ADP
- No agreed linkage with the outcomes of the 2013 – 2015 Review process
- Key issue is time frame for review of commitments made in the ADP



Support needed for INDCs

Support to be provided

- UNDP conducting regional workshops
- What are INDCs?
- Learn from others
- Support (technical and financial) to prepare INDCs
- Support being provided by GEF and bilaterally



Adaptation

- Vitally important to PICs
- Needs to be adequately financed
- Inclusion of funding for M&E and possible revision of aspect of adaptation projects
- Co-financing should be at a minimum
- Financing for National Adaptation Plans development & implementation in non-LDCs is crucial



Loss and damage

- PICs have supported AOSIS in repeatedly set out views on
 - the functions that the WIM should achieve
 - necessary institutional arrangements for the WIM
 - See 2008, 2013 AOSIS proposals
- A submission with a streamlined set of activities for the 2-year work plan was presented
- AOSIS has called for SIDS representation on the ExComm
- Many developing countries have called for loss and damage to be part of the 2015 agreement
- More internal discussion among PICs and SIDS is needed to advance these elements, building on previous inputs



Finance

- Progress on the pathway to \$100bn: request developed countries to provide clarity and predictability
- Acceleration of the operationalization of the GCF through COP guidance to the Board.
- GCF Readiness support, including Project Dev Grants, also for RIEs
- GCF able to disburse money by end of 2015.

11/25/2014

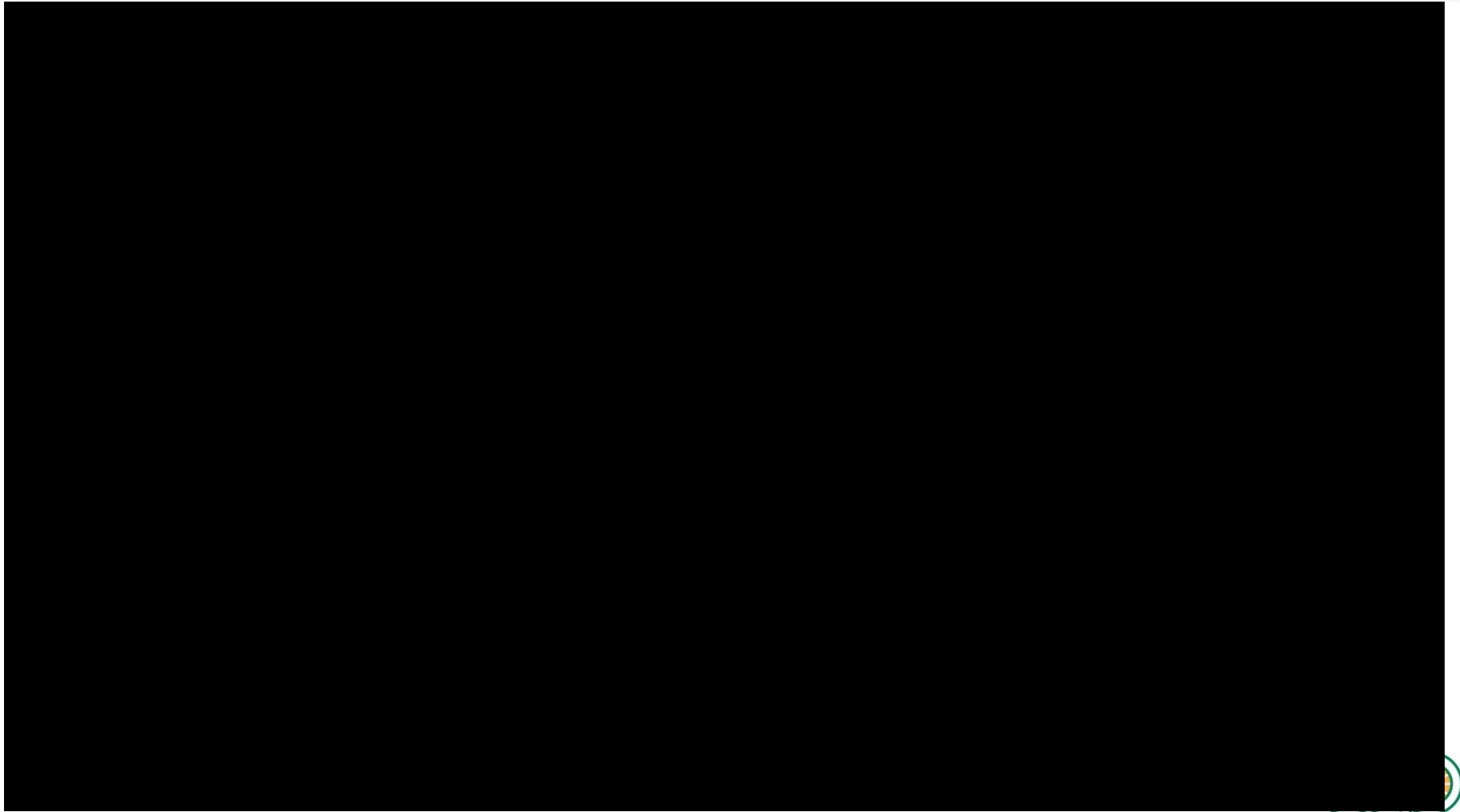


Finance (2)

- GCF with a balanced and ambitious portfolio going into Paris
- Anchor the GCF in the draft new agreement
- Define key elements of the finance chapter of the draft new agreement (qualitative vs. quantitative commitments)
- Ensure the survival of the Adaptation Fund (additional pledges of \$80m) and a process forward - Project Dev Grants for RIEs needed



Pacific Voices



Thank You

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2015 Legal Agreement: Elements and Options

- Legal Form
- Legal Bindingness
- Mitigation ambition and role of NDCs
- Adaptation
- Means of Implementation
- Rules: Markets, and Sector, Compliance
- MRV



Content

- **Science basis: increasing science policy linkages**
- **2015 legally-binding global agreement**
- **Ambition on mitigation (Annex I)**
- **Adaptation**
- **Loss and damage**
- **Mitigation (INDCs)**
- **Finance (Green Climate Fund)**

