



**Climate Vulnerable Forum Asia Regional Workshop
Manila, 20-21 May 2015**

Policy and Strategy Response Climate Change in Papua New Guinea

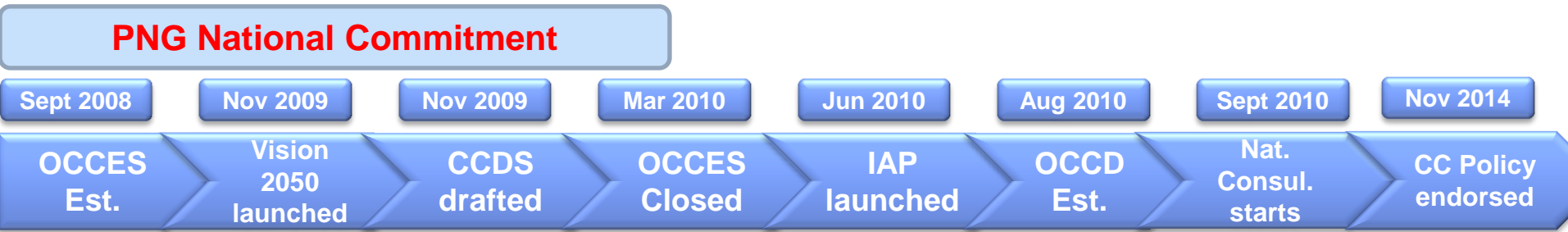


**Office of Climate Change and Development
Papua New Guinea**

Policy

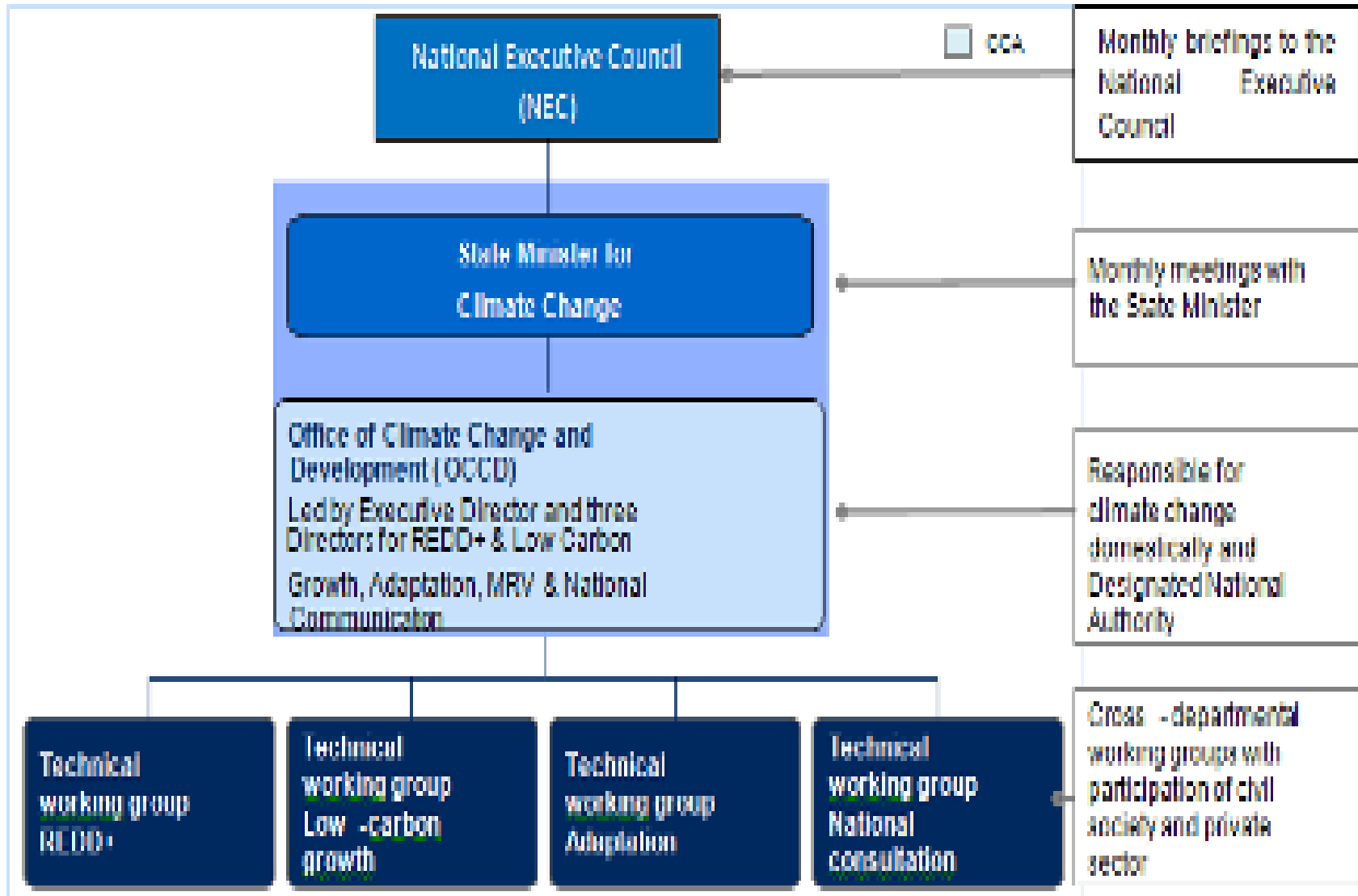
- PNG ratified the UNFCCC in 1993 and further ratified the Kyoto Protocol in 2002
- The Office of Climate Change and Development are the national focal point for the UNFCCC and the Kyoto Protocol.
- The OCCD is the coordinating body for all climate change related policies and actions in Papua New Guinea.
- The OCCD is tasked with ensuring Papua New Guinea follows a path of climate-compatible growth: that its economy develops while simultaneously mitigating greenhouse gas emissions and reducing vulnerability to climate change related risk.
- To this end the Office works closely with a range of stakeholders from Government, NGOs, development agencies and the private sector entities, local communities and the wider public.

PNG's Commitment to Climate Change

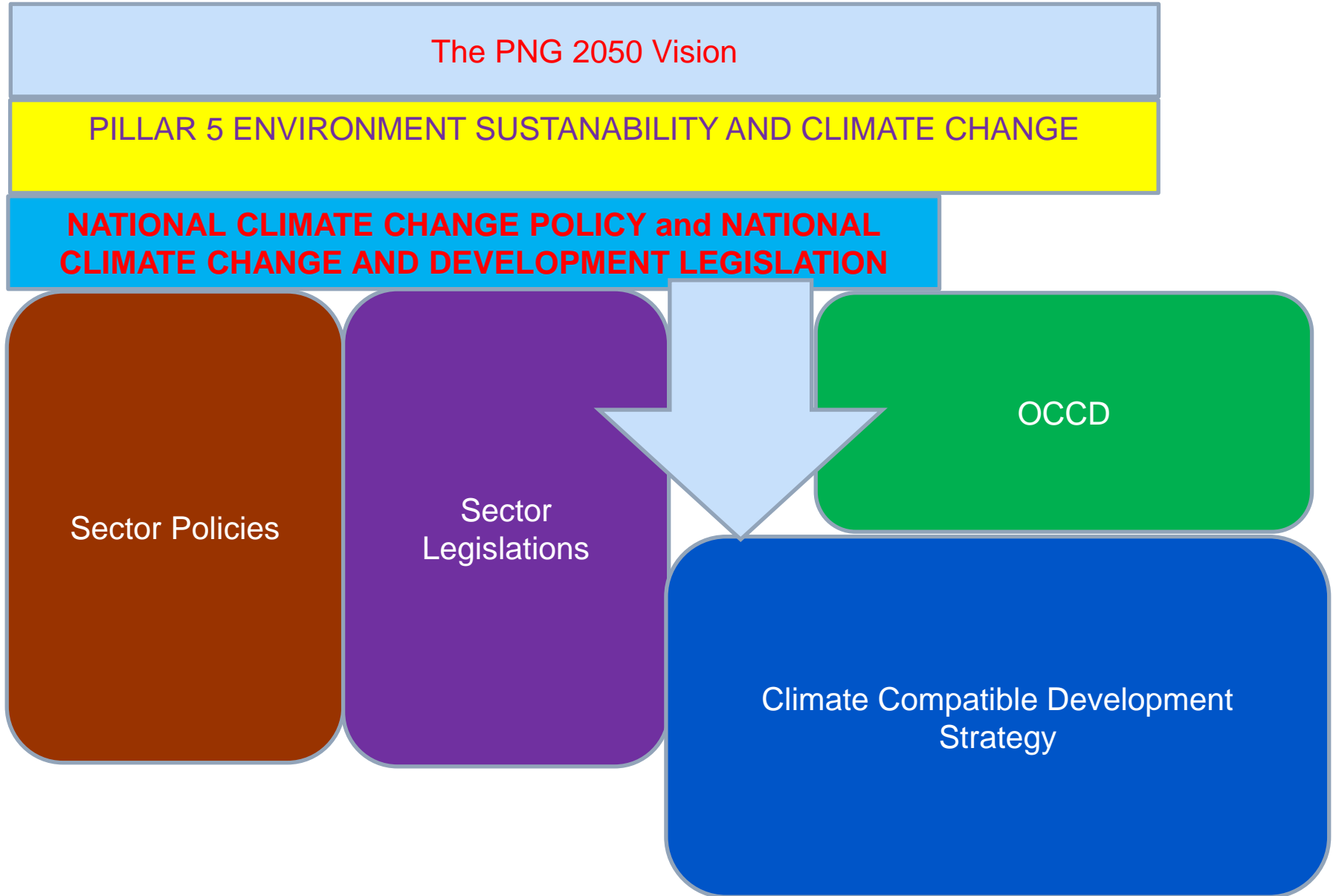


- Through NEC Decision 104/2008 in March 2008, an office was created under the Prime Minister's Department to coordinate the effort of Government on the issue of climate change in PNG
- September 2008 the Office of Climate Change and Carbon Trade was established. By March 2009, the Office change its name to Climate Change and Environment Sustainability
- November 2009, GoPNG launched its Vision 2050 Policy
- March 2010, NEC Decision number 54/2010 calls for the establishment of the Office of Climate Change and Development
- March 2010, NEC Decision number 55/2010 calls for the development of the Climate-Compatible Development Strategy, MRV, and establishment of three Technical Working Groups (Mitigation & REDD+, Adaptation, & Low Carbon Growth).
- June 2010 CCDS was translated to Interim Action Plan (IAP)
- August 2010 OCCD was fully functional after the recruitment of very high skilled PNGans
- September 2010 National Consultation started.
- Climate Change Policy endorsed November 2014

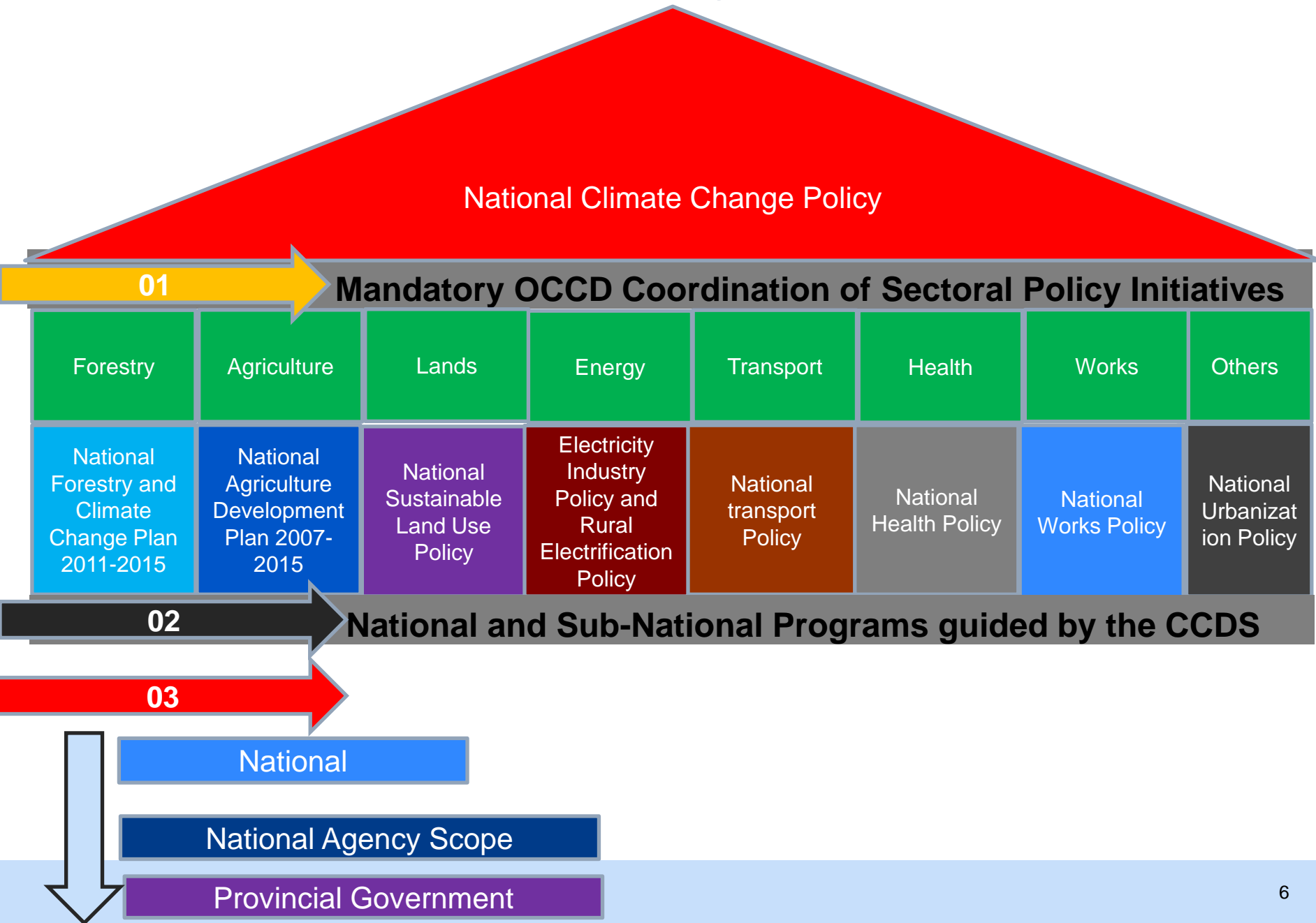
PAPUA NEW GUINEA CLIMATE CHANGE INSTITUTIONAL FRAMEWORK

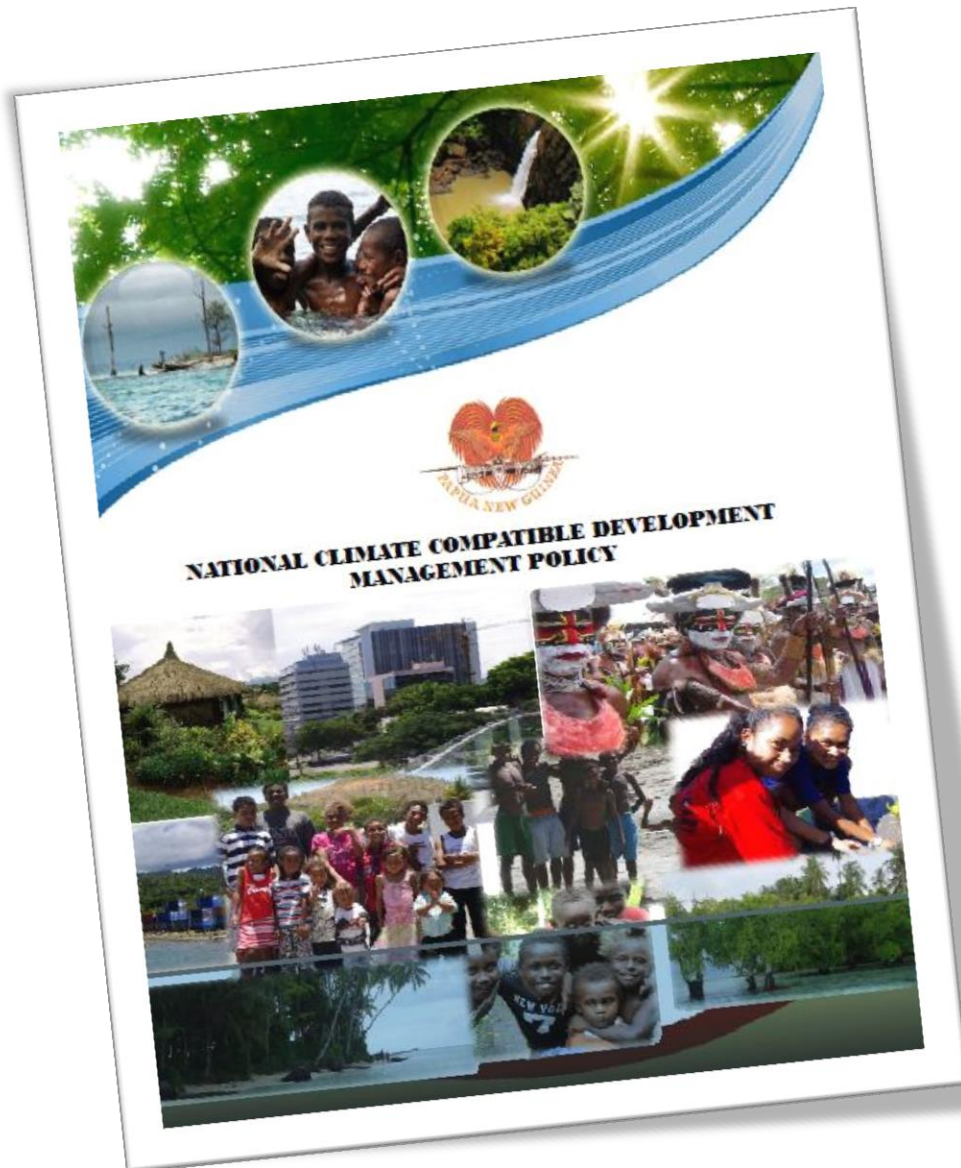


The Bridging Link: Policy and Legislation



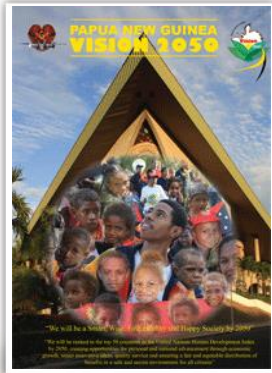
The Role of the National Climate Change Policy





The National Climate Compatible Development Management Policy sets the basis for the Climate Change Initiative in the Country.

OCCD has translated our country's constitutional priorities and long-term development goals into tangible actions



Vision 2050, Pillar 5: Environmental Sustainability and Climate Change



Development Strategic Plan, 2010-2050



Medium Term Development Plan, 2011-2015



CCDS & IAP

PNG's climate compatible development strategy (CCDS) has identified the country's mitigation and adaptation priorities, which have been translated into tangible actions in the Interim Action Plan (IAP)



OCCD Corporate Plan, 2011-2013



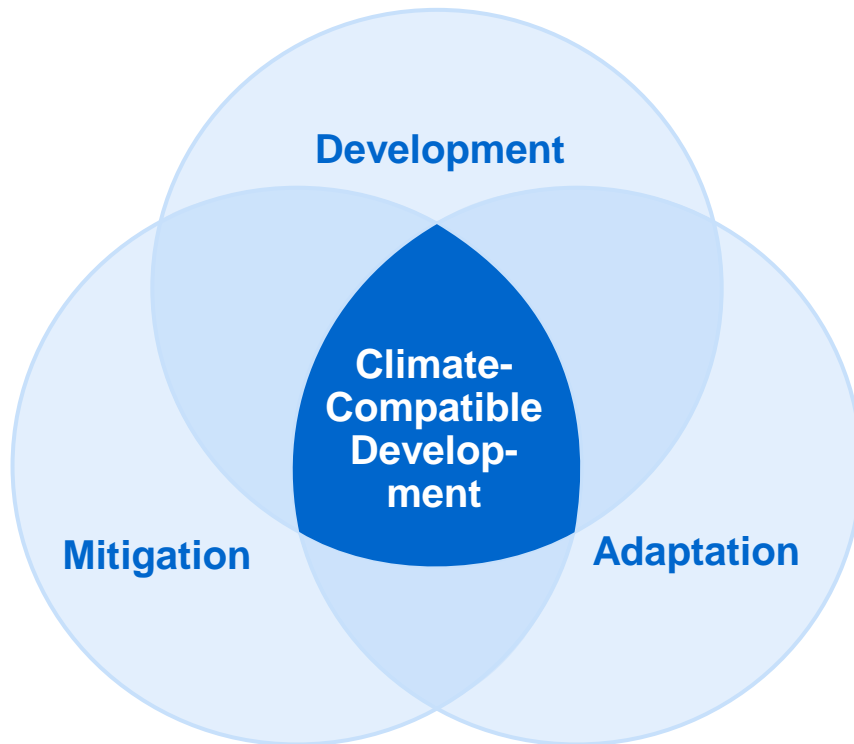
Annual Workplan, 2011

OCCD: Implementation Plan

**NEC
Decision, 54/2010**

PNG has set itself high aspirations, economically and environmentally to transform PNG into a reference case for adaptation and mitigation action

Strategic framework



Economic Development

- Achieve GDP per capita of USD 3,000 by 2030 as set out in our Vision 2050

Mitigation

- Reduce emissions of green-house gases, by at least 50% by 2030 driven mainly by abatement measures in land use, land-use change and forestry (LULUCF)
- Become carbon neutral by 2050 investing into low-carbon infrastructure today

Adaptation

- Reduce vulnerability to climate change-associated risks
 - Gradual hazards (e.g., vector-borne disease)
 - Event-driven hazards (e.g., landslides, flooding)



The Climate-Compatible Development Strategy (CCDS) and Interim Action Plan (IAP) address climate change in a comprehensive way ...



REDD+



LCG & Mitigation



Adaptation



MRV



National consultation



Institution

C ... and outlines tangible mitigation and adaptation actions

Pilots and programs



REDD+

- Review of agriculture leases
- Locate palm plantation on non-forest land
- Afforestation/reforestation programs
- Secondary forest management
- Reduced impact logging



Adaptation

- Mangrove planting to protect coastal villages
- Coastal early flood warning system
- Coastal engineering
- Inland flood warning



Low-carbon growth

- Renewable energy for Port Moresby, national capital
- Rural electrification via rehabilitation of existing and new micro hydro plants
- Energy efficiency measures

Examples

Review agricultural leases

- Review policy process and legal status of agricultural leases
- Develop sustainable alternative land-use models in order to revoke existing leases



Coastal early warning system

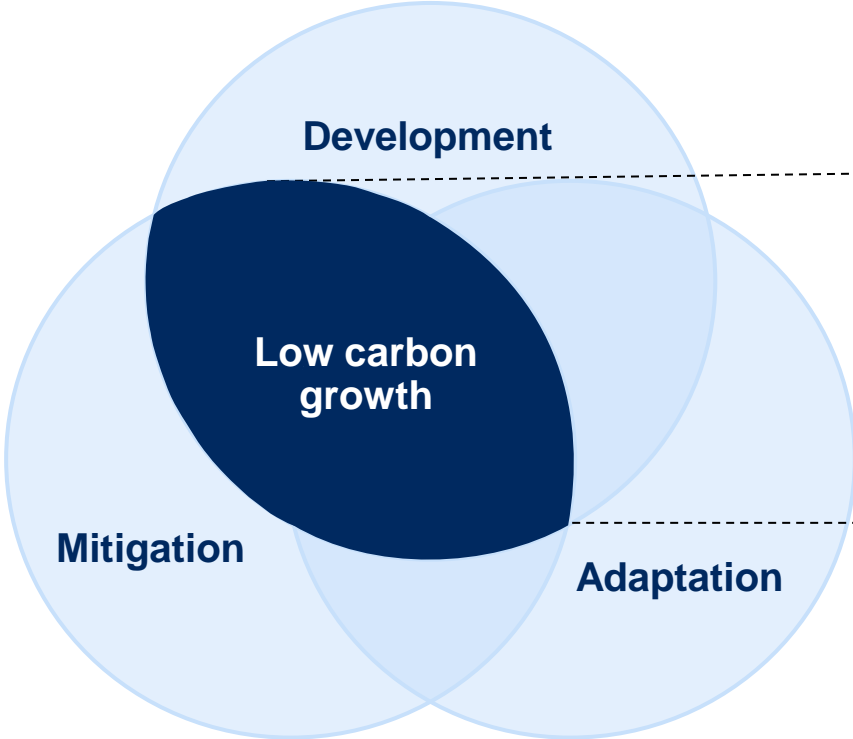
- Automate detection of sea level changes that cause flooding
- Alert affected communities directly via SMS so they have time to avoid danger



Ongoing Projects

- UNDP/OCCD- Adaptation Fund Programme
 - Coastal Flooding
 - Inland Flooding
 - Institutional Capacity Building
 - Awareness
- World Bank
 - Vulnerability Assessment for the Transport Sector and Agriculture Sector
- GIZ
 - Coping with Climate Change in the Pacific Island Region
 - Food Security
- IOM
 - MCCLEP- Migration, Environment and Climate Change: Evidence for Policy
- Pilot of Community Solar Farms
- Mangrove Rehabilitation Projects

Low carbon growth includes all non-LULUCF sectors



- Sectors**
- Power
 - Transport
 - Oil and Gas
 - Industry

- Examples**
- Energy Industry Policy
 - Hydro pilots
 - Energy efficiency

Challenges

- Lack of legally and policy enforcement
- Institutional and human capacity
 - Effective strategy and action plan, Budget limitation, Individual knowledge and experience
 - Coordination and facilitation among stakeholders
- Lack of investment fund for new environmental technology, Technology to implement policies
- Lack of specific research and development
- Insufficient information flow
- Awareness
- Data, info, knowledge & tools management issues
- Proper Understanding of CC by relevant agencies

THANKYOU

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