

Climate-Compatible Development for Papua New Guinea

STRICTLY CONFIDENTIAL

Presentation to REDD workshop 1 March 2010

Review outcomes of COP15, the 'Copenhagen Accord' and what they mean for PNG Update on PNG's strategy, including the climate-compatible development plan Share next steps for strategy and institutional arrangements



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COP15 Copenhagen

- PNG's Climate compatible development plan
- Next steps
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Why PNG supports the Copenhagen Accord

Copenhagen Accord fits our national development priorities

- The Accord emphasizes the issues of greatest relevance to countries like PNG, including REDD+ and adaptation
- It also recognises that tackling climate change is inseparable from development

More money is available and will be allocated more fairly

- Substantial funds available for REDD+ (at least \$1bn a year worldwide) and adaptation (at least \$5bn per year)
- Funding will be allocated on the basis of country need and strategic intent, not just technical capacity as with the Clean Development Mechanism under the Kyoto Protocol

Copenhagen has many shortcomings, but is a step in the right direction



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Over the last 2 months we have conducted a comprehensive consultation effort to involve the most important government stakeholders, external experts and donors

Government ministries & agencies

- Prime Minister's Office
- Dept. of Finance & Dept. of Treasury
- PNG Forest Authority
- Dept. of Agriculture and Livestock
- Dept. of Petroleum and Energy
- Dept of National Planning & Monitoring
- Dept. of Transport
- Dept of Lands & Physical planning
- Dept. of Health
- Department of Minerals & Mining
- National Disaster Centre
- National Weather Service
- Office of Climate Change and Environmental Sustainability

Academics/Research Institutions

- PNG Institute of Medical Research
- National Agriculture Research Institute
- National Research Institute
- UPNG Remote Sensing Centre
- UPNG Environmental
- science and geography

 PNG Forest Research Institute
- Australia National University

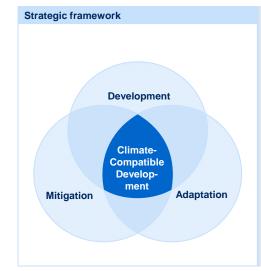
NGOs & private sector

- WWF
- Institute of National Affairs
- Wildlife Conservation Society
- Forestry Industry Association
- PNG Sustainable Development Program
- The Nature Conservancy

Development partners

- AusAID
- UNDP
- ADB
- World Bank
 NZ High Commission
- European Union

Papua New Guinea's strategy for Climate-Compatible Development has three elements



Elements

- Economic Development: Achieve GDP per capita of USD 3,000 by 2030, as set out in our Vision 2050, to meet our people's aspirations for a better life.
- Mitigation: Reduce emissions of greenhouse gases, by at least 50% by 2030 and becoming carbon neutral by 2050. Over 90% of this reduction will come from Reducing Emissions from Deforestation and Forest Degradation (REDD+), at an average cost of ~USD 4/t.
- Adaptation: Reduce the vulnerability of Papua New Guineans to the risks associated with climate change, such as coastal and inland flooding, agricultural yield changes and disease.

SOURCE: McKinsey | 6

Our strategy is based on Vision 2050 – climate and environmental sustainability, but also pillars 1, 2, 3 and eventually 4

"We will be a smart, wise, fair and happy society in 2050" (top 50 in UN Human Development Index)

Strategic planning, integration and control institutional development and service delivery.

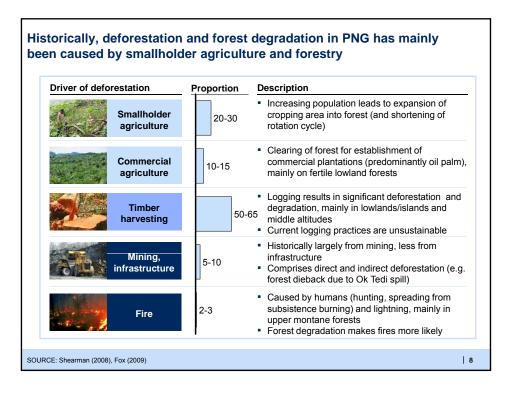
Human and social capital development
Wealth creation

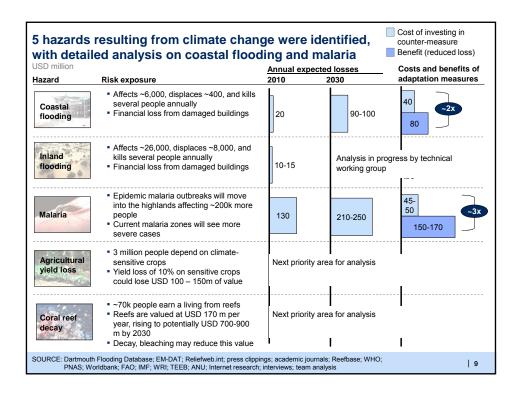
Security and international relations

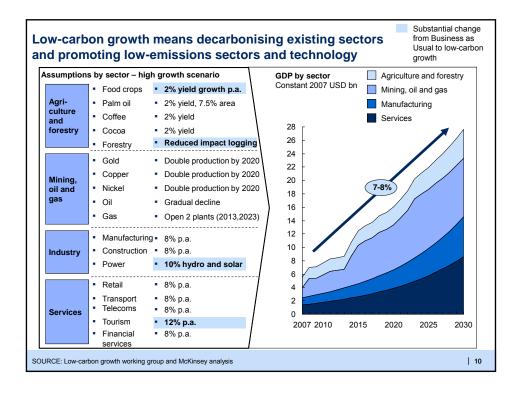
Climate and environmental sustainability

Churches and development

Critical enablers: 1 Effective leadership and good governance;
2 Healthy, educated and skilled citizens; 3 Enabling legislation and policies;
4 Enabling basic infrastructure; 5 Financial capacity; 6 Effective service delivery;
7 Enabling citizen values and participation; 8 Performance and accountability



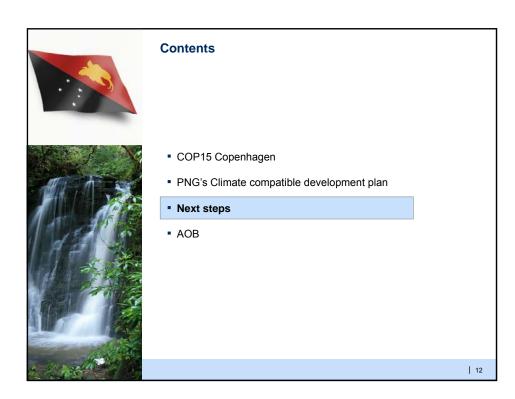


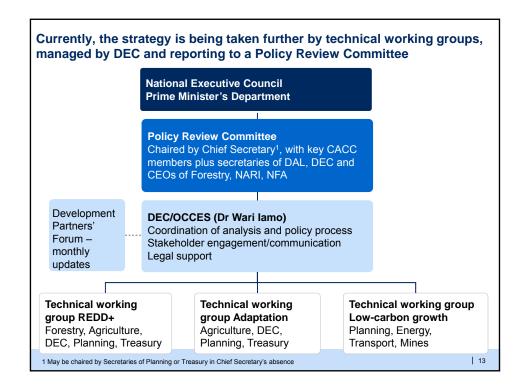


In conclusion, climate-compatible development is a better deal for Papua New Guinea for five reasons

- 1 People working in the agriculture and forestry sectors will benefit from more high-skilled jobs, increased yields and more sustainable livelihoods
- 2 Low-carbon growth in the rest of the economy has potential to raise GDP per capita to ~ USD 3,000 by 2030, in line with Vision 2050
- Greenhouse gas emissions will fall from 90-100Mt of carbon dioxide equivalent (CO₂e) now to 40-50Mt by 2030, with a goal of carbon neutrality by 2050
- The economic and human cost of climate change will be reduced by early action on adaptation. An annual investment of USD 90-100m could avert USD 200-250m of damage from coastal flooding and malaria
- 5 Future generations will still enjoy our unique natural environment, including forests and coral reefs

SOURCE: Team analysis | 11





Design principles for the new organisation

Authority Equip the institution with the required authority

and power

Coordination Coordinate activities across the different

ministries and stakeholders

Inclusion
 Include all stakeholders, for the relevant topics

at the right time

People and Capabilities
 Hire and develop a highly qualified set of people with the required knowledge and skills

Integrity Ensure highest possible integrity of people

and processes

SOURCE: Team analysis | 14

The technical working groups are now helping take this strategy forward towards implementation

Initial strategy work identified focus areas for climate-compatible development

 Mitigation: developed emissions forecasts and opportunities for abatement, using a cost curve approach



 Adaptation: identified climate change related hazards identified, quantified impact, assessed costs and benefits of counter-measures



 Low-carbon growth: developed scenarios for growth of all economic sectors and opportunities to decarbonise them



Now we are working to complete the strategy and begin implementation



- Refining analysis with
- technical working groups
 Integrating with Vision
 2050, LTDS, MTDP
- Program design
- Working groups identify pilot & programs to test / scale up approaches
- Preparing donor requests
- institution and capability building
- Strengthening and recreating climate change institutions

Stakeholder engagement

- Communication with government and select stakeholders in Pt Moresby
- Broader national outreach planned

SOURCE: DEC working groups

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Questions & AOB



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