



PNG UN-REDD National Programme

IGES and INA Workshop

Kokoda Trail Motel Conference Room, 7-8 February 2013



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


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PNG UN-REDD Presentation Outline

Workshop 1330 hrs



Introductions, Workshop Objectives & Workshop Agenda

Joe Pokana

Global UN-REDD Programme – Background & Overview

Joe Pokana

UN-REDD NP for PNG

Joe Pokana

Project Document Scope

Joe Pokana

Overview of priority REDD+ Initiatives

Joe Pokana

Implementation Plan

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Management Arrangements

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UN-REDD Monitoring & Reporting Requirements

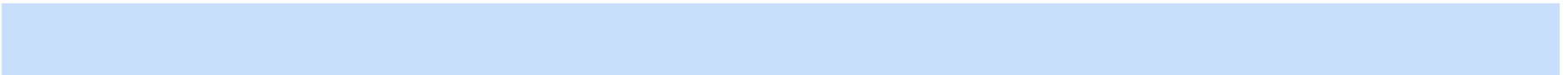
Joe Pokana

Priorities for next 6 months

Joe Pokana

We have three objectives for today's workshop

- Share progress to date on PNG's UN-REDD National Programme
- Update on proposed actions going forward
- Align on support needed from implementing partners



Today we will cover 5 items

Item	Expected Outcomes
1 Progress to date	<ul style="list-style-type: none">▪ Share actions taken to progress UN-REDD NP for PNG
2 Scope of Programme Document	<ul style="list-style-type: none">▪ Align on changes from design to approval▪ Agree on key priorities for PNG's UN-REDD programme
3 UN-REDD Monitoring & Reporting Requirements	<ul style="list-style-type: none">▪ Gain a common understanding of reporting requirements for OCCD, Implementing Partners and UN-REDD: information required, format and frequency of reporting
4 Annual Workplan	<ul style="list-style-type: none">▪ Align on high-level workplan for next three years▪ Problem solve potential delivery issues
5 Priorities for next 6 months	<ul style="list-style-type: none">▪ Align on immediate priorities until Dec 2011▪ Agreement on key actions to deliver on priorities until Dec 2011▪ Agreement on coordination and problem solving sessions to ensure delivery against workplan



Global UN-REDD Programme (UNEP)

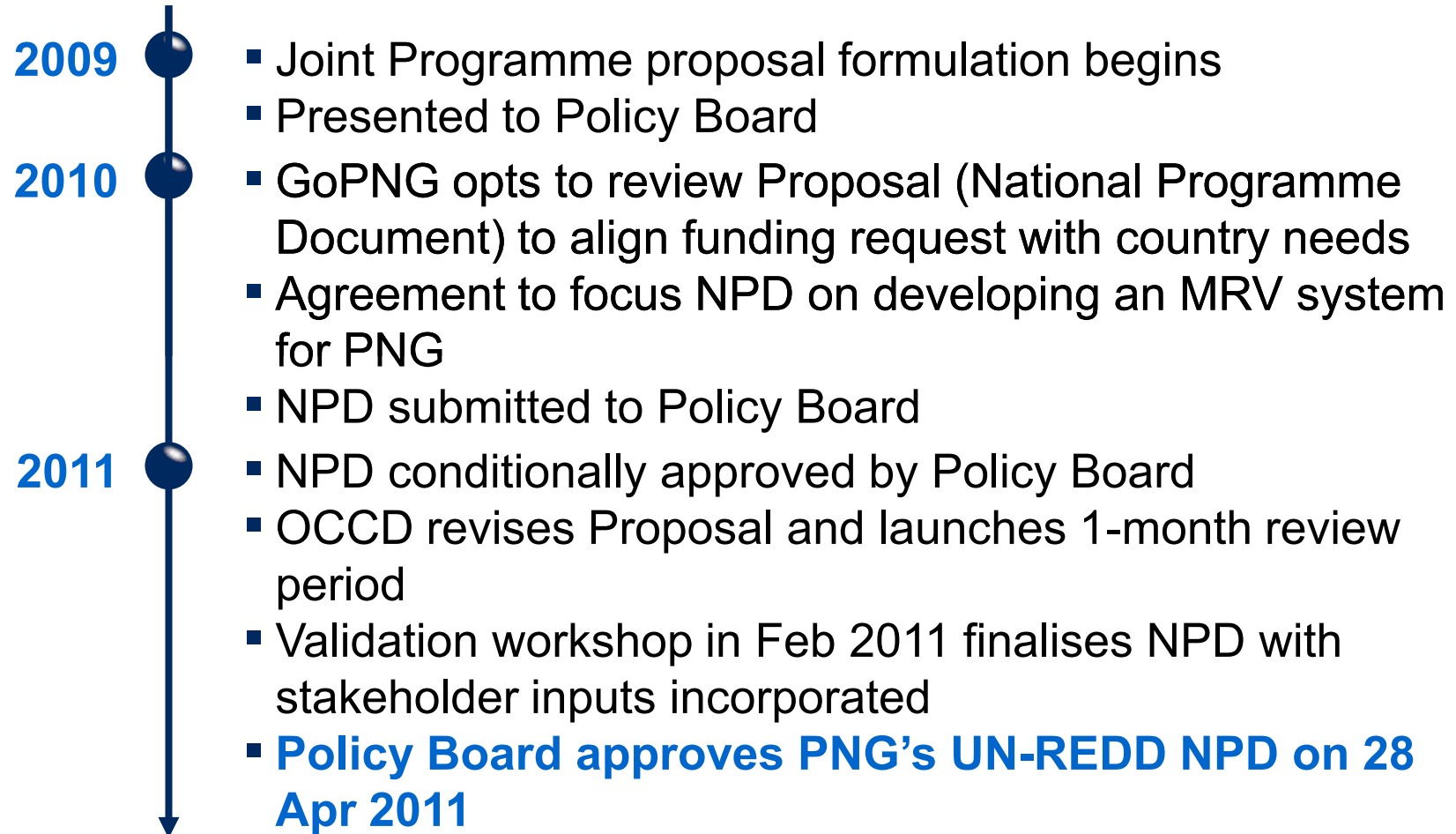
Objectives of PNG's UN-REDD National Programme



- Support the Government of PNG to **progress its activities towards REDD-plus readiness**
- **Complement existing efforts to establish a REDD-plus framework** in PNG, including efforts from GoPNG, civil society, the private sector and development partners
- Focus on the **refinement and implementation of a full MRV roadmap** for PNG that supports PNG's overall REDD framework and readiness efforts

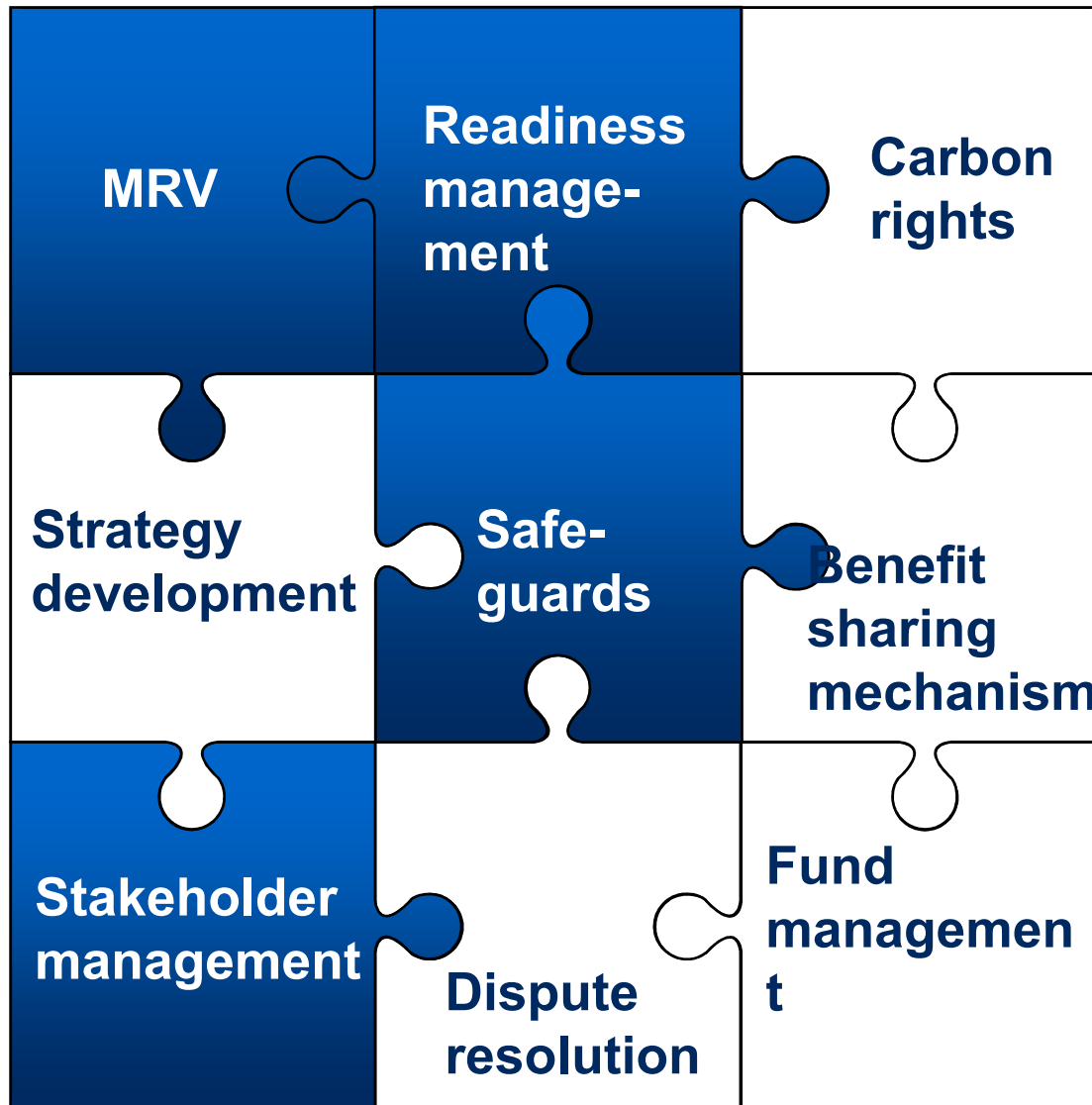
PNG's UN-REDD NPD has been in development since 2009

PNG's UN-REDD NPD formulation and validation process













The UN-REDD National Programme is just one contribution to PNG's readiness efforts







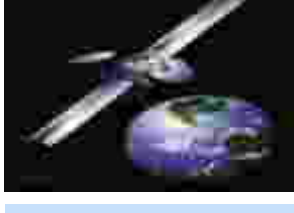
 UN-REDD



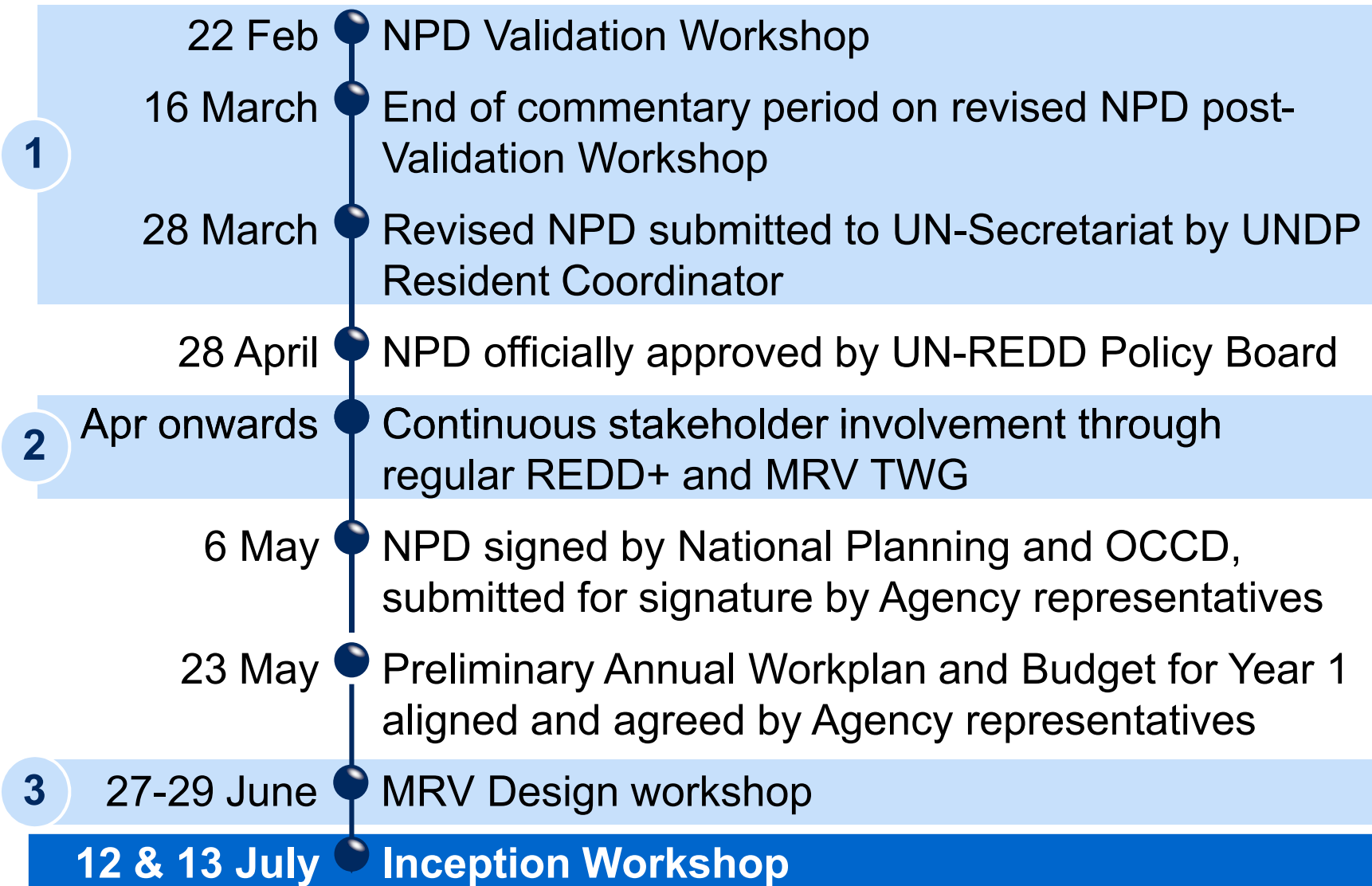
PNG's UN-REDD NP is expected to deliver on five outcomes

Outcome	Lead UN Agency	Potential Implementing Partners
 1. Readiness Management Arrangements in Place		<ul style="list-style-type: none"> ▪ DNPM ▪ OCCD
 2. National MRV System Developed		<ul style="list-style-type: none"> ▪ DEC ▪ UPNG ▪ PNGFA ▪ DAL ▪ OCCD ▪ DLPP ▪ UNITECH
 3. Historical Drivers of Deforestation Assessed		<ul style="list-style-type: none"> ▪ PNGFA ▪ UPNG ▪ DAL ▪ OCCD
 4. Monitoring of Abatement Concepts Supported		<ul style="list-style-type: none"> ▪ PNGFA ▪ OCCD
 5. Framework for Stakeholder Engagement Processes in place		<ul style="list-style-type: none"> ▪ OCCD

Each outcome fits into a part of PNG's climate change priorities

	Priorities for 2011	Relevant UN-REDD NP Outcome
	<p>REDD+</p> <ul style="list-style-type: none"> REDD+ pilots for key abatement levers REDD+ readiness, e.g., benefit sharing approach 	 1. Readiness Management Arrangements in Place  3. Historical Drivers of Deforestation Assessed  4. Monitoring of Abatement Concepts Supported
	<p>Low-carbon growth</p> <ul style="list-style-type: none"> Rural electrification, e.g., new micro hydro plants Energy efficiency measures Renewable Energy, e.g., geothermal 	
	<p>Adaptation</p> <ul style="list-style-type: none"> Mangrove planting Coastal Early Warning System Food security and agricultural yield changes 	
	<p>MRV & Cons.</p> <ul style="list-style-type: none"> MRV System Consultation, education, awareness Second National Communication 	
Others	<p>A number of priorities, e.g.,</p> <ul style="list-style-type: none"> Securing interim funding of USD 50 million Draft Climate Change Act 	

PNG has been moving quickly to push the UN-REDD NP forward



1 Conditions proposed from the Validation Workshop were adopted into the final NPD which was approved

Capacity building

- A capacity gap assessment for all NP outcomes is needed. Reference should be made at a broader capacity building that will not be part of the project.
- Increase capacity at the village and ILG level for certain aspects of MRV e.g. biomass measurements
- Ensure that capacity within research institutes relating to PNG's MRV system is developed
- Show linkages to other projects carried out by government departments, NGOs and development partners
- A capacity problem identified within Dept of Lands.

Consultation

- State in the text how the NP is part of a larger integrated approach to REDD+ readiness
- State in the text that any activity which involves land owners/resource owners will be subject to FPIC
- State in the text that a comprehensive consultation plan will be developed that identifies issues for which different stakeholder groups (e.g., land owners) will be consulted; plan to follow joint UN-REDD/FCPF guidance
- More consultation and awareness in addition to funding are needed at the village level to enable landowners to make an informed decision and take ownership of the process, in the context of activities of at the community levels of the UN-REDD NP.

Safeguards

- National REDD + information system should be supported by a legal act, i.e. a freedom of information act
- Design and development of REDD+ information systems through a national consultation process that end in a national workshop to decide structure of the information system
- Alternative approaches to land tenure law and dispute resolution to be explored, i.e. Land Court
- Safeguards should be added to account for disputes between landowners and govt, landowners and companies
- Dispute resolution systems should build on existing systems in PNG
- Recognise recommendations of National Land Development Program and assess impact on REDD+

Implementation modalities

- Additional detail on existing coordinating mechanisms relating to REDD+ work in PNG
- UN Agencies to align among themselves on funding approach, with emphasis on need for fast track implementation
- Government should specify its contribution, in cash and kind, to consultation
- Legal policy framework is needed
- Land owners need to be integrated
- Integrated land-use study is needed
- Plan for risk monitoring in place by Inception workshop

2 We are actively engaging stakeholders through Technical Working Groups

TWG

Key participants

Example of items discussed

- | | |
|--|---|
| <ul style="list-style-type: none">▪ Input on and drafting of<ul style="list-style-type: none">– REDD+ Readiness Roadmap– REDD+ Guidelines– FPIC– Benefit sharing and distribution system TOR▪ REDD+ Readiness pilots▪ Funding▪ SABLs | <ul style="list-style-type: none">▪ Process for system design and institutional recommendation▪ International, national, and stakeholder requirements▪ Capacity and data stock-take▪ Preliminary thinking on system design<ul style="list-style-type: none">– Activity data– Forest Inventory– Data platform and standards |
|--|---|

3 We recently completed the MRV Design Workshop with exciting outcomes for the development of PNG's National MRV System

Workshop objectives

- Align on “**Why**” PNG needs the system and requirements
- Define “**What**” system technical requirements are needed
- Develop preliminary thinking on “**How**” this will be developed

Workshop participants

- | | | | |
|----------|---------|--------|------------------|
| ▪ AusAID | ▪ JICA | ▪ DEC | ▪ DLPP |
| ▪ FAO | ▪ EU | ▪ MRA | ▪ NARI |
| ▪ UNDP | ▪ UNDP | ▪ DAL | ▪ Private sector |
| ▪ Japan | ▪ PNGFA | ▪ DPE | |
| ▪ UPNG | ▪ NMB | ▪ DLPP | |

Key outcomes

- Defined purpose of MRV system and functional requirements
- Elaborated on technical specifications of system
- Captured initial thinking on system design, leveraging on-going and planned activities
- Agreed on next steps and responsibilities

In addition OCCD has delivered significant results in other areas over the last 6 months

Some achievements to date



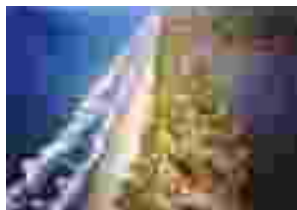
REDD+

- Completed REDD+ Roadmap for PNG
 - Developed supporting guidelines, e.g., Benefit Sharing, REDD+ Pilots
 - Driving SABL issue – Acting PM announced moratorium
-



MRV & Consult.

- MRV Design Workshop
 - 3 Provincial consultation events completed (West Sepik, Western Highlands, Simbu)
-



Adaptation

- Convened first ever National Mangrove Planting Workshop
- Coastal Early Warning System tested during Japanese tsunami – 300,000 Digicell SMS sent
- Adaptation Fund proposal submitted to Adaptation Fund Board 12 July

We are very eager to deliver on UN-REDD key priorities in the coming months

Key priorities

Aspiration

System design

- Develop and implement workplan until Dec 2011
- Continue consultation and stakeholder engagement
- Technical Workshops on forest inventory and remote sensing

Monitoring System

- System design finalised
- Prototype system developed and work-in-progress model shared during COP 17 in Durban

Staffing

- PMU staffed in next 8 weeks – Programme Manager, Administrative Assistant and Technical Assistant
- FAO technical expert hired and on the ground by September 2011

REDD+ pilots






- Call-for-projects completed and priority projects identified
- Pilot projects scope, KPIs and workplan defined – soft-start ready

Guidelines and FPIC

- REDD+ project guidelines and FPIC finalized, being tested in pilots
- Benefit sharing distribution system being tested

The UN-REDD National Programme is only one component of PNG's readiness actions and funding

USD mn

		Components	Total	GoPNG	UN-REDD	Other co-financing ¹
	Institution and capacity building	<ul style="list-style-type: none"> Workshops Training programmes Secondments 	4.29²	1.30	0.44	2.55
	Strategy and policy development³	<ul style="list-style-type: none"> Finalisation of CCDS REDD+ policy framework Review of agricultural lease process Dispute resolution mechanism 	2.75	1.10	0.65	1.00
	Payment processing & distribution⁴	<ul style="list-style-type: none"> Benefit sharing and distribution Payment processing/fund management 	0.25			0.25
	Consultation & Comm.	<ul style="list-style-type: none"> National and provincial consultation Awareness building Climate change education 	1.98	1.70	0.28	0.00
	MRV	<ul style="list-style-type: none"> Complete system Training 	11.60		4.60	7.00
Total			20.87	4.10	5.97	10.80

1 Actions are under way in order to receive financial support from other development partners

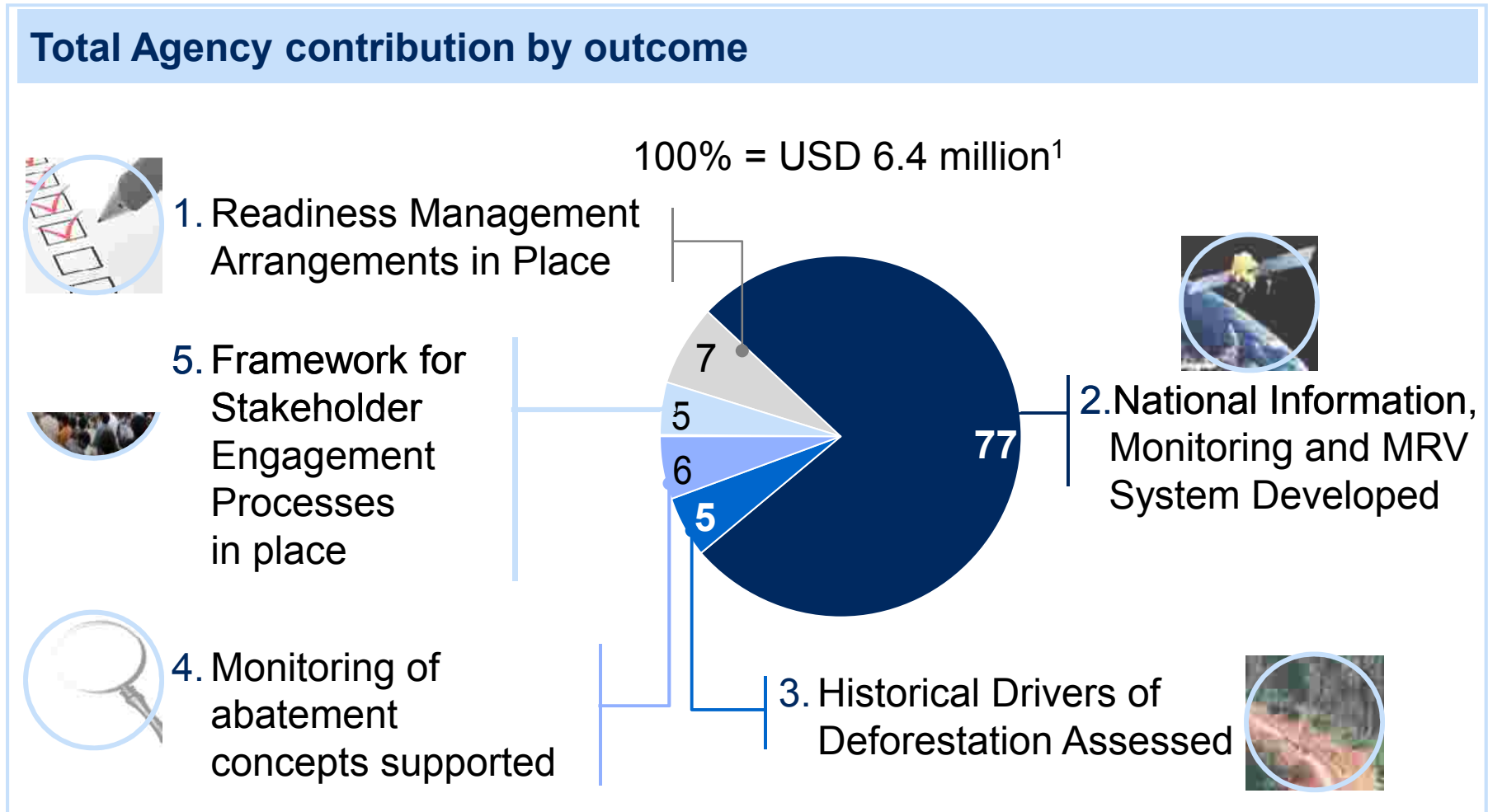
2 Does not include all capacity building programmes that will be included in other pilot and readiness activities to avoid double counting

3 Land tenure and land use planning and dispute resolution efforts not yet included; IWG-IFR global average funding need amounts to ~USD 20 million

4 Only includes benefit sharing and distribution framework; IWG-IFR global average funding need amounts to ~USD 3 million

The National Programme allocates funding to 5 outcomes



USD Millions



¹ Includes 7% Agency indirect support costs



Outcome 1 – readiness management arrangements in place



Output	Lead UN agency	Potential Key partners	Indicative activities for each output
1.1. Management Arrangements between GoPNG and Development Partners strengthened	 UN DP	<ul style="list-style-type: none"> ▪ PNGFA ▪ OCCD 	<ul style="list-style-type: none"> ▪ Assist the OCCD in liaising with other REDD+ initiatives, in particular the PNG-Australia Forest Carbon Partnership ▪ Assist the OCCD in carrying out PEB and PMC meetings ▪ Support the OCCD in conducting annual NGO and whole-of-government workshops
1.2 Joint Programme Implementation strengthened	 UN DP	<ul style="list-style-type: none"> ▪ PNGFA ▪ OCCD 	<ul style="list-style-type: none"> ▪ Provide support through NP Manager ▪ Facilitate knowledge sharing with UN-REDD countries including other regional and international experiences



Outcome 2 – national MRV system developed (1/3)



Output	Lead UN agency	Potential Key partners	Indicative activities for each output
2.1 National REDD+ Information System		<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ DLPP ▪ OCCD ▪ UNEP 	<ul style="list-style-type: none"> ▪ Field test safeguards ▪ Design the system structure and functions ▪ Develop a national database ▪ Develop a WEB-GIS interface ▪ Training of PNG operators
2.2 Satellite Forest Land Monitoring Systems		<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ DLPP ▪ DEC ▪ UPNG ▪ OCCD 	<ul style="list-style-type: none"> ▪ Establish an operational wall-to-wall system based on satellite remote sensing data ▪ Design a methodological approach to support the implementation of REDD+ at sub-national scale ▪ Provide training in forest land monitoring methodology ▪ Develop a near real time monitoring system


Outcome 2 – national MRV system developed (2/3)



Output	Lead UN agency	Potential Key partners	Indicative activities for each output
2.3 Multipurpose national forest carbon inventory		<ul style="list-style-type: none"> ▪ PNGFA (FRI) 	<ul style="list-style-type: none"> ▪ Develop measurement protocols and sampling design for a national forest carbon survey, building on the existing permanent sampling plot system. System design is driven by UNFCCC reporting requirements. ▪ Assess institutional capacity needs ▪ Establish adequate institutional capacity to undertake regular forest carbon monitoring and reporting consistent with REDD+ information needs ▪ Provide training in forest inventory methodology
2.4 National GHG Inventory for REDD+ developed		<ul style="list-style-type: none"> ▪ OCCD 	<ul style="list-style-type: none"> ▪ Develop institutional capacity ▪ Provide training on IPCC GHG inventory methodology



Outcome 2 – national MRV system developed (2/3)



Output	Lead UN agency	Potential Key partners	Indicative activities for each output
2.5 Technical advice, capacity building and implementation support provided		<ul style="list-style-type: none">▪ PNGFA▪ DLPP▪ DEC▪ DAL▪ OCCD	<ul style="list-style-type: none">▪ Provide technical advice and support covering the activities outlined above for the institutions involved in the national MRV system▪ Provide support through international technical assistant for OCCD Director MRV & National Communication▪ Develop capacity enabling stakeholders to independently review the outputs of MRV system



Outcome 3 – historical drivers of deforestation assessed

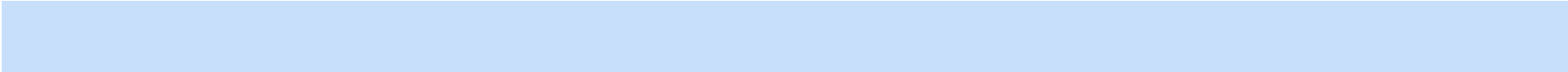


Output	Lead UN agency	Potential Key partners	Indicative activities for each output
3.1 Historical Drivers of Deforestation Assessed		<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ OCCD 	<ul style="list-style-type: none"> ▪ Assess past drivers of deforestation ▪ Test and refine MRV methodology (Outcome 2) using available historical emission data ▪ Review methodologies for establishing REL and national reference emission levels ▪ Compile data to support development of REL
3.2 National Circumstances Assessed		<ul style="list-style-type: none"> ▪ OCCD ▪ DLPP 	<ul style="list-style-type: none"> ▪ Review effects of customary land tenure and land reform efforts on REDD+ in PNG, including impacts of the National Land Development Program ▪ Review effects of economic and policy development efforts on REDD+ in PNG

Outcome 4 – monitoring of abatement concepts supported



Output	Lead UN agency	Potential Key partners	Indicative activities for each output
4.1 Capacity for monitoring and implementation of priority abatement levers developed	 	<ul style="list-style-type: none">▪ PNGFA▪ OCCD	<ul style="list-style-type: none">▪ Develop and deliver comprehensive training (training of trainers) for PNGFA and pilot concessions▪ Support piloting of abatement levers, including pilot implementation and monitoring and verifying results



Outcome 5 – stakeholders engaged in PNG’s REDD+ readiness process



Output	Lead UN agency	Potential Key partners	Indicative activities for each output
5.1 Framework for stakeholder engagement processes in place		<ul style="list-style-type: none">▪ OCCD	<ul style="list-style-type: none">▪ Develop and agree on guidelines for stakeholder engagement including the formal agreements for technical, advisory and public consultation levels▪ Facilitate a constructive and reciprocal dialogue between national multi-stakeholder groups, OCCD/GoPNG and development partners▪ Carry out independent monitoring of the consultative and stakeholder awareness process

REDD+ PNG

Objective

To conform with global REDD+ framework on the long term objectives and co-operation at UNFCCC and align sector priorities with bilateral and multilateral agreements. Develop Regional and National REDD+ framework.

Involved stakeholder

Action

Output

Alignment (MOU/MOA) & Demonstration Activities.

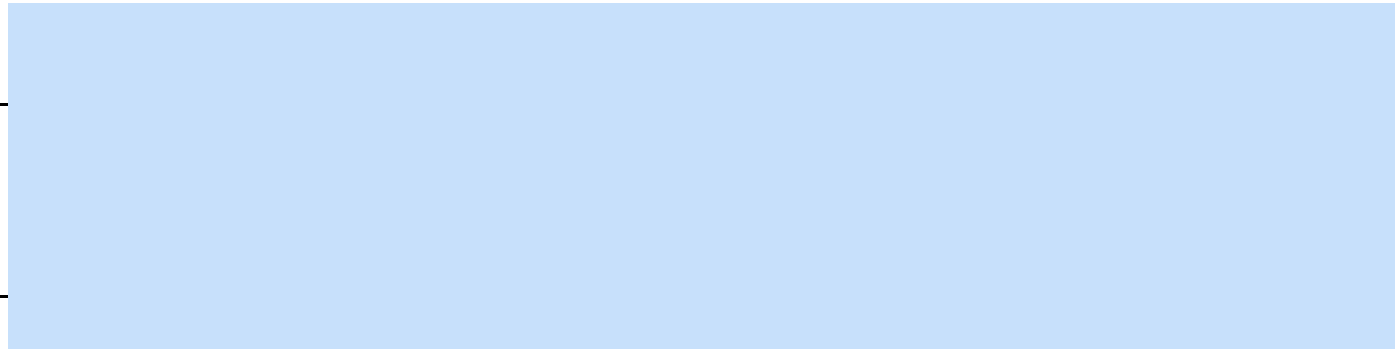
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REDD+ PNG

Objective

Involved stakeholders

Action



Output

Alignment (MOU/MOA) & Demonstration Activities.

REDD+ PNG

Objective

Involved stakeholders

- ✓ REDD+ Roadmap
 - ✓ REDD+ Guidelines (FPIC, BSDS, Social Mapping etc)
-

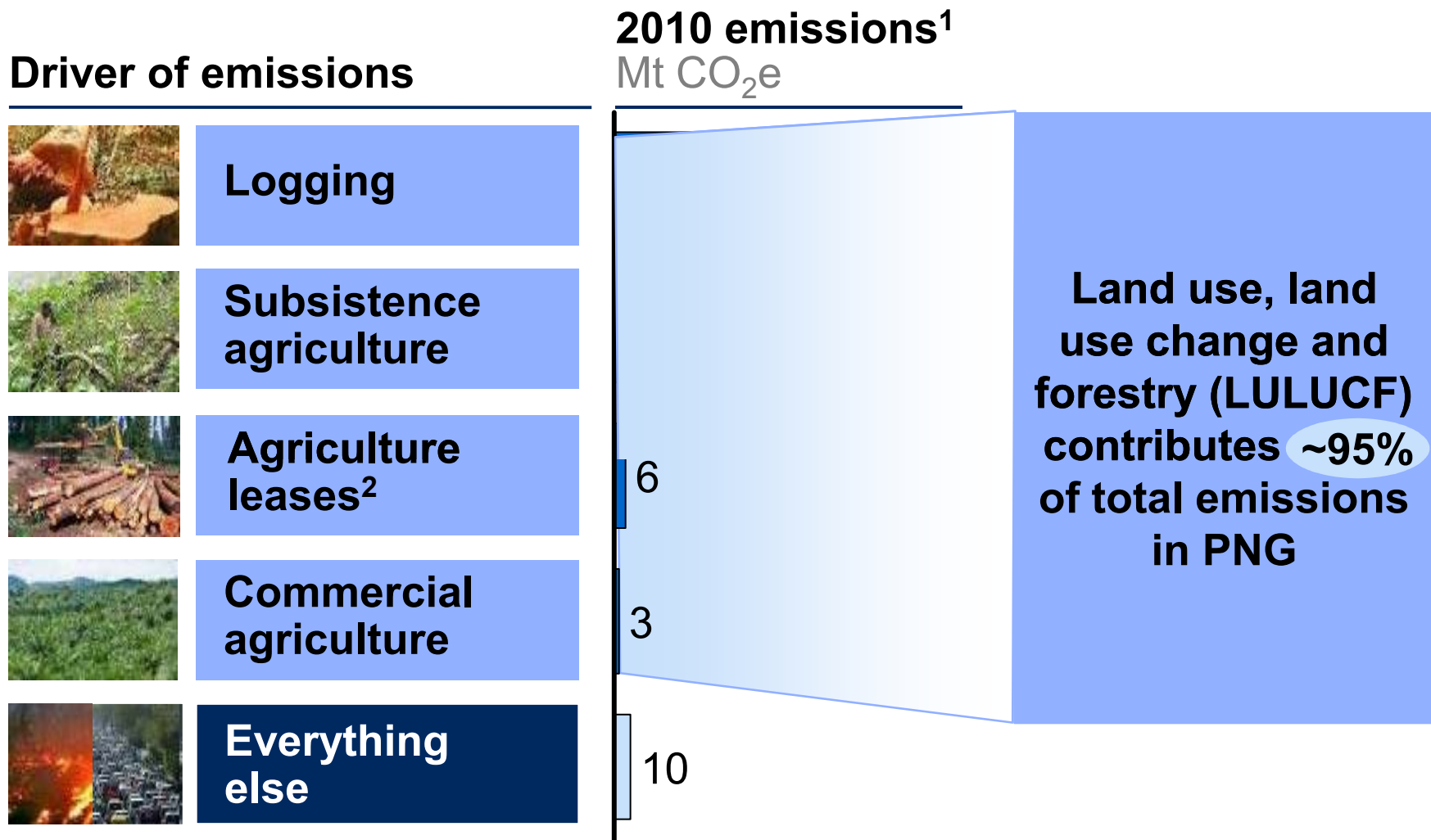
Action

- ✓ Institutional Alignment with Line and Functional Relationship for REDD+
 - ✓ Strategic choices of sectors for intervention in collaboration with other stakeholders.
-

Output

Alignment (MOU/MOA) & Demonstration Activities.

Forestry and agriculture is the biggest driver of emissions in PNG



¹ Estimate of 2010 extrapolated from 2008/09 data

² Exact emission for 2010 still to be verified

A number of priority abatement actions have been identified

Opportunities for PNG



**Reduced
impact
logging**



**Agriculture
leases review**



**Secondary
forest
management**



**Afforestation/
reforestation**



**Agriculture ex-
tension program**



**Community
REDD+
schemes**



**Commercial
plantation on
non-forest land**

The OCCD is pursuing a whole of government approach to deliver REDD+ priorities in collaboration with all relevant stakeholders

Priorities for action in REDD+ and Mitigation

- 1** REDD+ Readiness Roadmap
- 2** REDD+ projects guidelines, FPIC and BSDS
- 3** REDD+ Readiness Pilot Program

REDD+ TWG and Sub-Working Groups major participants

- PNGFA
- DEC
- DNPM
- FRI
- NRI
- DAL
- NARI
- DLPP
- EFF
- WWF
- TNC
- WCS
- EU
- JICA
- AusAid
- UNDP
- FIA
- NBPOL

1 The REDD+ Roadmap defines key actions for REDD+ readiness in PNG

What is the REDD+ Roadmap?

- **PNG's plan of action towards REDD+ readiness** – summarises key components, actions needed, owners/stakeholders, potential funding partners and high-level timelines for implementation
- **Key components are country-specific**, defined based on **international guidelines** for implementation, i.e., NPD, RPP for FCPF

What will we use it for?

- **Set guidance on Readiness activities** for PNG broadly, and for OCCD specifically
- **Engage relevant stakeholders** and ensure commitment to deliver on activities assigned to them, e.g., PNGFA, DLPP, DAL
- **Secure funding** for specific elements of the framework by showing where it fits into the big picture of REDD+ Readiness for PNG, e.g., AUSAid has requested a broad plan of action

The REDD+ roadmap was developed in collaboration with key stakeholders

Many stakeholders have requested a plan of action on REDD+ readiness for PNG

The need for alignment between different actors and activities on REDD+ was also raised during the UN-REDD Validation Workshop (held in February 2011)

April
2011

OCCD produced a draft document for internal review

18 May

The Roadmap was presented at the REDD+ TWG

8 June

Deadline for stakeholders to submit comments

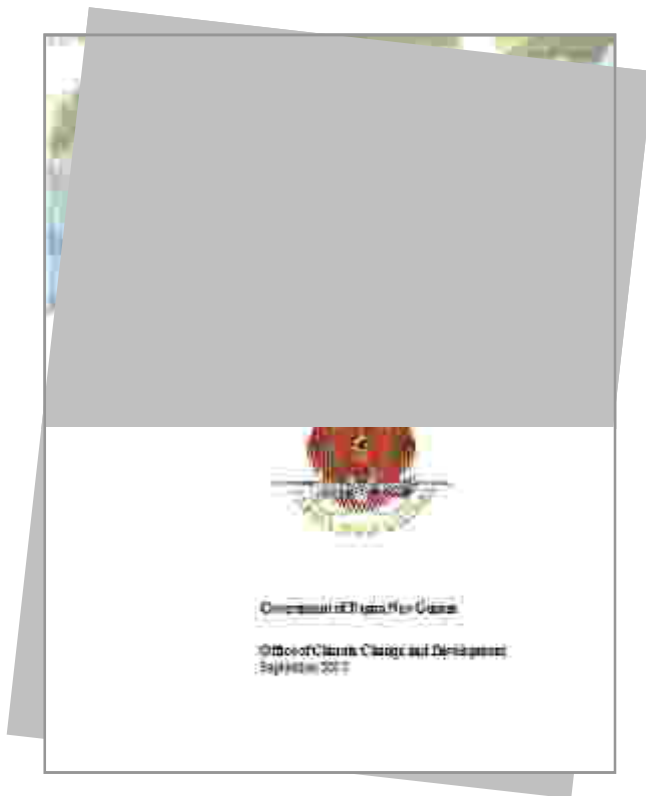
15 June

Roadmap will be finalised and progress on REDD+ readiness will be measured against it

PNG's REDD+ Roadmap has nine key components

- 1 Management arrangements**
- 2 Strategy**
- 3 Readiness implementation framework**
- 4 Reference emission levels/reference levels**
- 5 Monitoring, verification & reporting (MRV)**
- 6 Stakeholder Engagement**
- 7 REDD+ Readiness Pilot Projects**
- 8 REDD+ payment mechanism**
- 9 Legal framework**

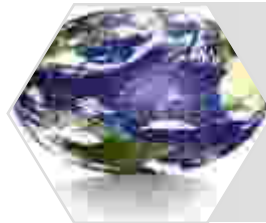
2A REDD+ Project guidelines ensure the quality of demonstration activities and protect landowners' interests



Protect landowner rights and interests in REDD+ demonstration projects




Prepare projects for future 'performance-based' payments from international REDD+ sources



Ensure compliance of projects with internationally accepted safeguards

REDD+ guidelines serve as safeguards against social, environmental and fiduciary risks

The REDD+ guidelines have been subjected to extensive consultations...

- 
- **7 Dec 2010 - 28 Jan 2011** – stakeholder consultation period
 - **29 Jan 2011 - 11 Feb 2011**– OCCD revised guidelines incorporating feedback received
 - **17 - 18 Feb 2011** – OCCD conducted provincial consultations
 - **Feb - April 2011** – guidelines revised by consultant incorporating stakeholder inputs and findings from consultation
 - **May** – revised guidelines reviewed across OCCD
 - **June 15** – revised guidelines presented to TWG for comment
 - **June 29** - deadline for stakeholders comments
 - **Mid July** - OCCD will incorporate comments into revised guidelines
 - **End July** – Submit document to NCCC for endorsement and then Incorporate into criteria for pilot project selection

> 15 individuals from 7 organizations provided comments

...and revised to reflect input from stakeholders

Initial draft produced by OCCD

Section 1 – REDD+ project approval process

- Explains the documents needed for submission, the review panel and the approval process

Section 2 – REDD+ safeguard criteria

- Outlines generally the criteria needed by the project for processing under 6 categories: general information, climate compatibility, MRV, social safeguards, environmental and fiduciary safeguard

Key changes made:

- Clearer explanation of the criteria and approval process
- User-friendly approval process
- PCN form with details guiding the proponent
- List of References
- Glossary

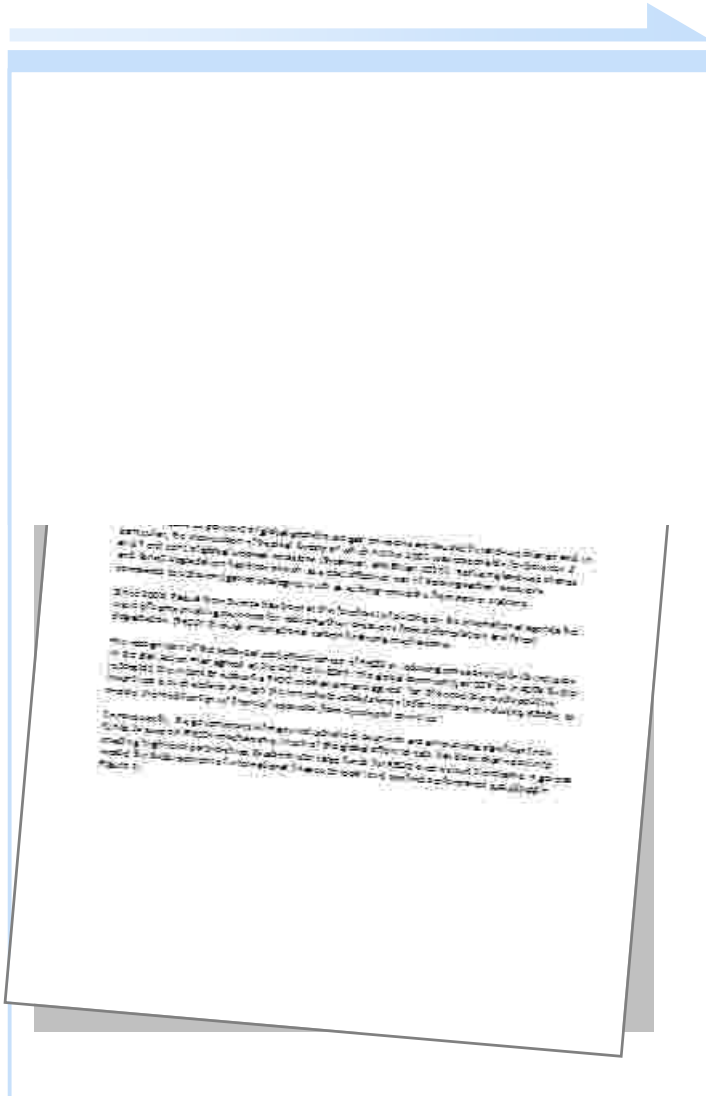
- Provides the Project Concept Note (PCN) template outlining details required
- Provides direction on how to fill and submit the PCN form

Section 3 – REDD+ project criteria.

Full document

- Describes the information required in detail in 4 categories: general information, climate, environment, community
- Highlights the capacity of managing, monitoring and reporting in each category

2B PNG needs to define the building blocks for a robust national benefit sharing and distribution system



Transparency & accountability

- Establish a robust mechanism for benefit delivery and monitoring

Performance based

- Develop payment method with performance based on proxy of carbon saving

Funding is needed to progress the development and pilot testing of the BSDS

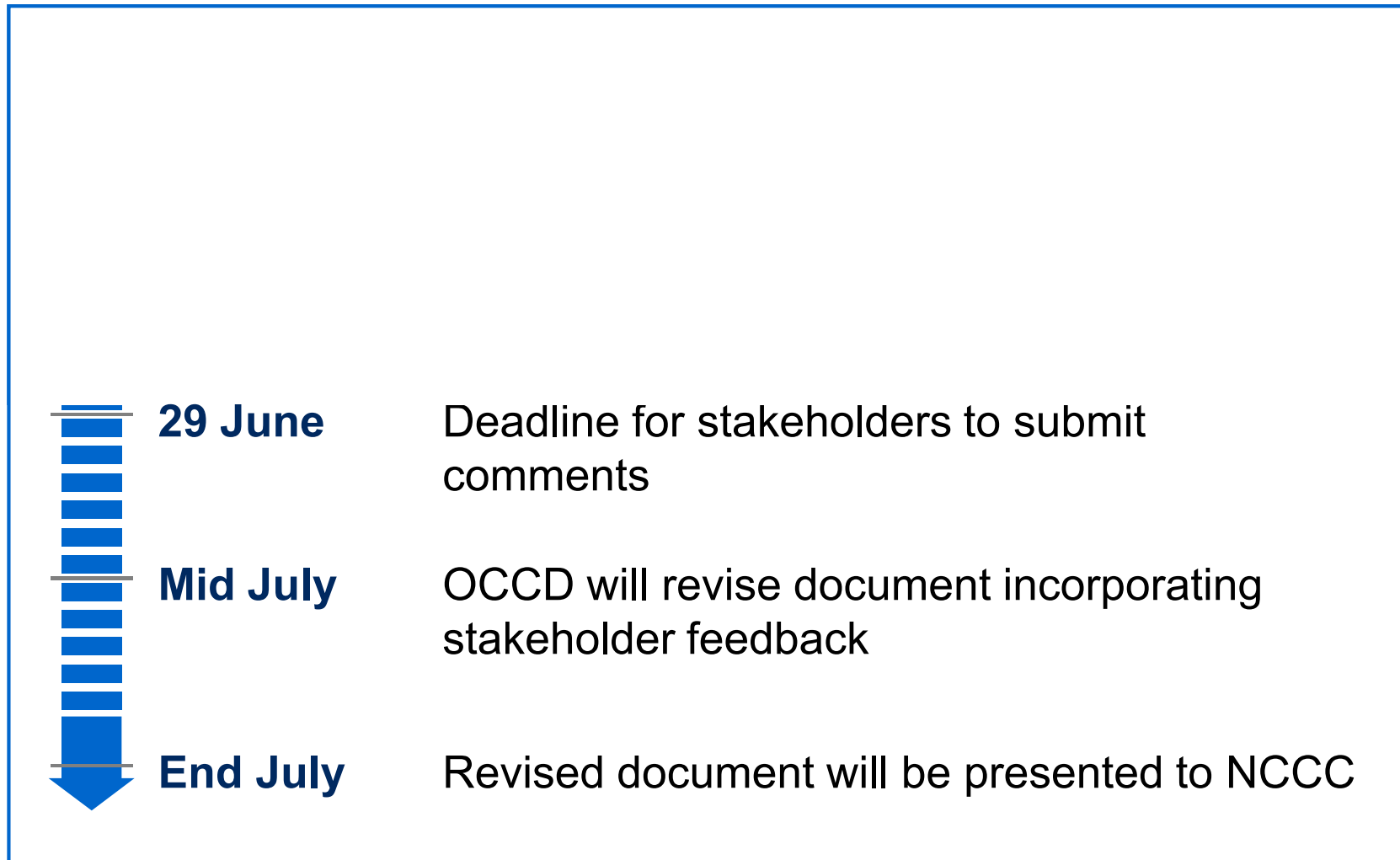
BSDS ToR

- Develop the ToR for application in PNG
- Test the ToR in four case study sites
- Consult widely on the design and application of the proposed BSDS framework



- 15 June** Presented revised ToR incorporating feedback to the TWG
- July** OCCD will continue sourcing funding for the ToR
In parallel, will continue to review relevant national legislation

2C OCCD has developed a draft FPIC manual for REDD+ projects that will benefit from input from all stakeholders



Outline of the REDD+ FPIC manual

Guiding Questions to Establishing a Free, Prior and Informed Consent

REDD-plus and the Importance of Free, Prior and Informed Consent

Key Principles of FPIC under REDD+ Social and Environmental Standards

Elements of Free, Prior and Informed Consent

Problems Associated with Lack of Free, Prior and Informed Consent

Case Studies: Potential Key Issues Raised by Communities Affected by REDD+ Projects

- 7** Guidelines on Procedures that Respects the Rights of Communities to a Free, Prior and Informed Consent in REDD+ Projects, comprising **3 broad elements**:

Preparing landowner communities to be engaged in Free, Prior and Informed Consent;

Implementing a Process for Respecting the Rights to Free, Prior and Informed Consent;

Monitoring and Recourse: Maintaining Consent

This guide will ensure that landowners of forest areas identified for REDD+ projects are well informed, protected and safeguarded from any arbitrary decision and influence from proponents investing in REDD+ projects in their communities

- Appendix 1 – The Constitution of the Independent State of Papua New Guinea – The National Goals and Directive Principles
- Appendix 2 – Relevant Provisions of International Law on Indigenous Peoples' Rights
- Appendix 3 – Glossary
- Appendix 4 – Additional Information
- Appendix 5 – Additional Questions
- Bibliography

3 Objectives of REDD+ readiness pilot initiatives for PNG

- Reduce emissions from the land use sector and obtain co-benefits such as biodiversity conservation and community development
- Inform REDD+ Readiness in PNG and globally by testing specific components, e.g.,
 - Social and environmental safeguard levels
 - Benefit sharing and distribution system
 - FPIC
 - Conflict resolution mechanisms
 - Methodologies
- Provide tangible evidence that PNG is preparing for REDD+
 - Enables PNG to benefit from performance-based payments for emissions reductions
 - Enables the government to work with a network of projects that fall within the national framework



REDD+ initiatives – Forestry sector



 Priority for action

	Objective	Responsible institution	Proposed location	What it tests	Timing and next steps
Reduced Impact Logging	<ul style="list-style-type: none"> Reduce collateral damage and forest degradation by 50% 	<ul style="list-style-type: none"> PNGFA FRI 	<ul style="list-style-type: none"> Sandaun W. New Britain Milne Bay 	<ul style="list-style-type: none"> RIL Enforcement Silviculture practices MRV methodologies 	<ul style="list-style-type: none"> Pilot to be tested using REDD+ Guidelines form Aug 2011
Secondary Forest Management	<ul style="list-style-type: none"> Enhance regrowth rate of secondary forest 	<ul style="list-style-type: none"> PNGFA FRI 	<ul style="list-style-type: none"> E. Highlands Sandaun W. New Britain 	<ul style="list-style-type: none"> Biomass regeneration Silviculture practices 	<ul style="list-style-type: none"> Engage local gov to define scope
Afforestation/ Reforestation	<ul style="list-style-type: none"> Enhance carbon stock 	<ul style="list-style-type: none"> PNGFA FRI 	<ul style="list-style-type: none"> Milne Bay E. Highlands W. New Britain 	<ul style="list-style-type: none"> Spacing of trees Mix of species Monoculture 	<ul style="list-style-type: none"> Engage local gov to define scope
Forest Conservation	<ul style="list-style-type: none"> Protect forest to maintain bio-diversity and provide environmental service 	<ul style="list-style-type: none"> PNGFA DEC 	<ul style="list-style-type: none"> Central Province W. New Britain Milne Bay E. Highlands 	<ul style="list-style-type: none"> Preservation of biodiversity and Ecosystem Services 	<ul style="list-style-type: none"> On going in Kokoda and WNB
Community REDD+ schemes	<ul style="list-style-type: none"> Test REDD+ concepts with community (i.e., Benefit Sharing mechanism) 	<ul style="list-style-type: none"> WCS WWF TNC Live&Learn 	<ul style="list-style-type: none"> Manus W. New Britain Adelbert Mt, Madang 	<ul style="list-style-type: none"> REDD+ Readiness components (BSDS, FPIC, Carbon rights, Conflict resolution mech etc.) 	<ul style="list-style-type: none"> Pilots to be tested using REDD+ Guidelines from Aug 2011
Testing REDD+ options	<ul style="list-style-type: none"> Test feasibility of REDD+ project through Development Option Study 	<ul style="list-style-type: none"> PNGFA April Salumei Working Group 	<ul style="list-style-type: none"> April Salumei 	<ul style="list-style-type: none"> REDD+ Readiness components 	<ul style="list-style-type: none"> Engage with communities and register ILGs Elaborate Development Options Study and test with REDD+ Guidelines

SOURCE: Forestry sub working group

Outcome 1 – readiness arrangements in place



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
1.1 Management arrangements between GoPNG and stakeholders strengthened <ul style="list-style-type: none"> ▪ Identify priority initiatives, groups and agencies for targetted coordination and develop strategy to engage ▪ Organisation and convening of regular meetings ▪ NGO, whole of government workshops ▪ Study tours to field sites 	X	X			<ul style="list-style-type: none"> ▪ DNPM ▪ OCCD
1.2 National programme implementation strengthened <ul style="list-style-type: none"> ▪ UN-REDD Programme manager recruited ▪ Meetings with other UN-REDD nations attended and/or hosted 	X	X	X	X	<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ DLPP ▪ DEC ▪ UPNG ▪ UNITECH ▪ OCCD

Outcome 2 – national MRV system developed (1/4)



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
2.1 National REDD+ Information System developed					<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ DLPP ▪ OCCD
▪ Design system structure and functions	X	X	X		
▪ Develop a preliminary national database		X	X		
▪ Develop a WEB-GIS interface		X	X		
▪ Train PNG operators			X	X	
▪ Field test safeguards		X	X	X	

Outcome 2 – national MRV system developed (2/4)



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
2.2 Satellite Land Monitoring Systems set up <ul style="list-style-type: none"> ▪ Stock take of domestic data sources and capabilities; international sources for remote sensing data ▪ Establish an operational wall-to-wall system based on satellite remote sensing data ▪ Design a methodological approach to support the implementation of REDD+ at sub-national scale ▪ Provide training in forest land monitoring methodology ▪ Develop a near real time monitoring system 	X				<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ DLPP ▪ DEC ▪ UPNG ▪ UNITECH ▪ OCCD

Outcome 2 – national MRV system developed (3/4)



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
2.3 Multipurpose national forest carbon inventory developed					<ul style="list-style-type: none"> ▪ OCCD
<ul style="list-style-type: none"> ▪ Develop measurement protocols and sampling design for a national forest carbon survey, building on the existing permanent sampling plot system. System design is driven by UNFCCC reporting requirements 	X	X			
<ul style="list-style-type: none"> ▪ Assess institutional capacity needs 	X	X			
<ul style="list-style-type: none"> ▪ Develop capacity building methodology, materials, and 'train trainers' 		X	X		
<ul style="list-style-type: none"> ▪ Training in forest inventory methodology 			X	X	
<ul style="list-style-type: none"> ▪ Develop forest carbon inventory 			X	X	

Outcome 2 – national MRV system developed (4/4)



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
2.4 National GHG inventory for REDD+ established					<ul style="list-style-type: none"> ▪ OCCD
<ul style="list-style-type: none"> ▪ Institutional capacity gap-assessment 	X	X			
<ul style="list-style-type: none"> ▪ Develop capacity building methodology, materials, and 'train trainers' 		X	X		
<ul style="list-style-type: none"> ▪ Training on IPCC GHG inventory 	X	X	X	X	
2.5 Technical advice, capacity building and implementation support provided					<ul style="list-style-type: none"> ▪ PNGFA ▪ DLPP ▪ DEC ▪ DAL ▪ OCCD
<ul style="list-style-type: none"> ▪ Provide technical advice and support covering the activities outlined in results 2.1 to 2.4, for the institutions involved in the national MRV system 	X	X	X	X	
<ul style="list-style-type: none"> ▪ Support OCCD Director MRV and National Communication through international technical assistant 	X	X	X	X	
<ul style="list-style-type: none"> ▪ Develop capacity enabling stakeholders to independently review the outputs of MRV system 			X	X	

Outcome 3 – historical drivers of deforestation assessed; establishment of REL/RL supported (1/2)



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
3.1 Assessment of historical drivers of deforestation assessed					<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ OCCD
▪ Review of methodologies for establishing REL	X				
▪ Compilation of data required for generating RELs		X	X		
▪ Capacity building for relevant agencies in analysis of data and formulation of reference scenario		X	X	X	
▪ Workshops and other events to promote stakeholder buy-in	X	X	X	X	
▪ Analysis of current and future causes and drivers of deforestation/degradation at the national level	X	X			

Outcome 3 – historical drivers of deforestation assessed; establishment of REL/RL supported (2/2)



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
3.2 National circumstances assessed					<ul style="list-style-type: none"> ▪ DLPP ▪ OCCD
<ul style="list-style-type: none"> ▪ Review effects of customary land tenure and land reform efforts on REDD+ in PNG, including impacts of the National Land Development Programme 	X	X			
<ul style="list-style-type: none"> ▪ Review effects of economic and policy development efforts on REDD+ in PNG 	X	X			

Outcome 4 – monitoring of abatement concepts supported



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
4.1 Capacity for monitoring and implementation of priority abatement levers developed <ul style="list-style-type: none"> ▪ Collaboratively develop and deliver comprehensive training (training of trainers) for PNGFA, NGOs and other key implementors at concessions 	X	X	X		<ul style="list-style-type: none"> ▪ PNGFA ▪ DAL ▪ OCCD
<ul style="list-style-type: none"> ▪ Monitoring and verification of pilot implementation 			X	X	

Outcome 5 – stakeholders engaged in PNG’s REDD+ readiness process



Output & Activities	2H 2011		1H 2012		Potential Key partners
	1Q	2Q	3Q	4Q	
5.1 Framework for stakeholder engagement processes in place					<ul style="list-style-type: none"> ▪ OCCD
<ul style="list-style-type: none"> ▪ Develop and agree on guidelines for stakeholder engagement including the formal agreements for technical, advisory and public consultation levels 	X	X	X		
<ul style="list-style-type: none"> ▪ Facilitate a constructive and reciprocal dialogue between national multi-stakeholder groups, OCCD/GoPNG and development partners 	X	X	X	X	
<ul style="list-style-type: none"> ▪ Carry out independent monitoring of the consultative and stakeholder awareness process 		X	X	X	

UN-REDD NP Management Arrangements

Programme Executive Board (PEB)

PEB Responsibilities

- Leadership, guidance and approval on the strategic and policy direction for NP implementation within UN-REDD Operational Guidelines
- Alignment with national priorities
- Guidance and approval of AWP's including budgetary allocations and adjustments
- Review and approve quarterly and annual progress report, including funding reports
- Review and approve submissions to UN-REDD Secretariat and Policy Board

PMU Responsibilities

- Day-to-day programme management and problem solving to ensure achievement of programme outcomes within stated timelines
- Preparation of annual workplan, quarterly progress reviews and financial reports
- Coordination with implementation partners

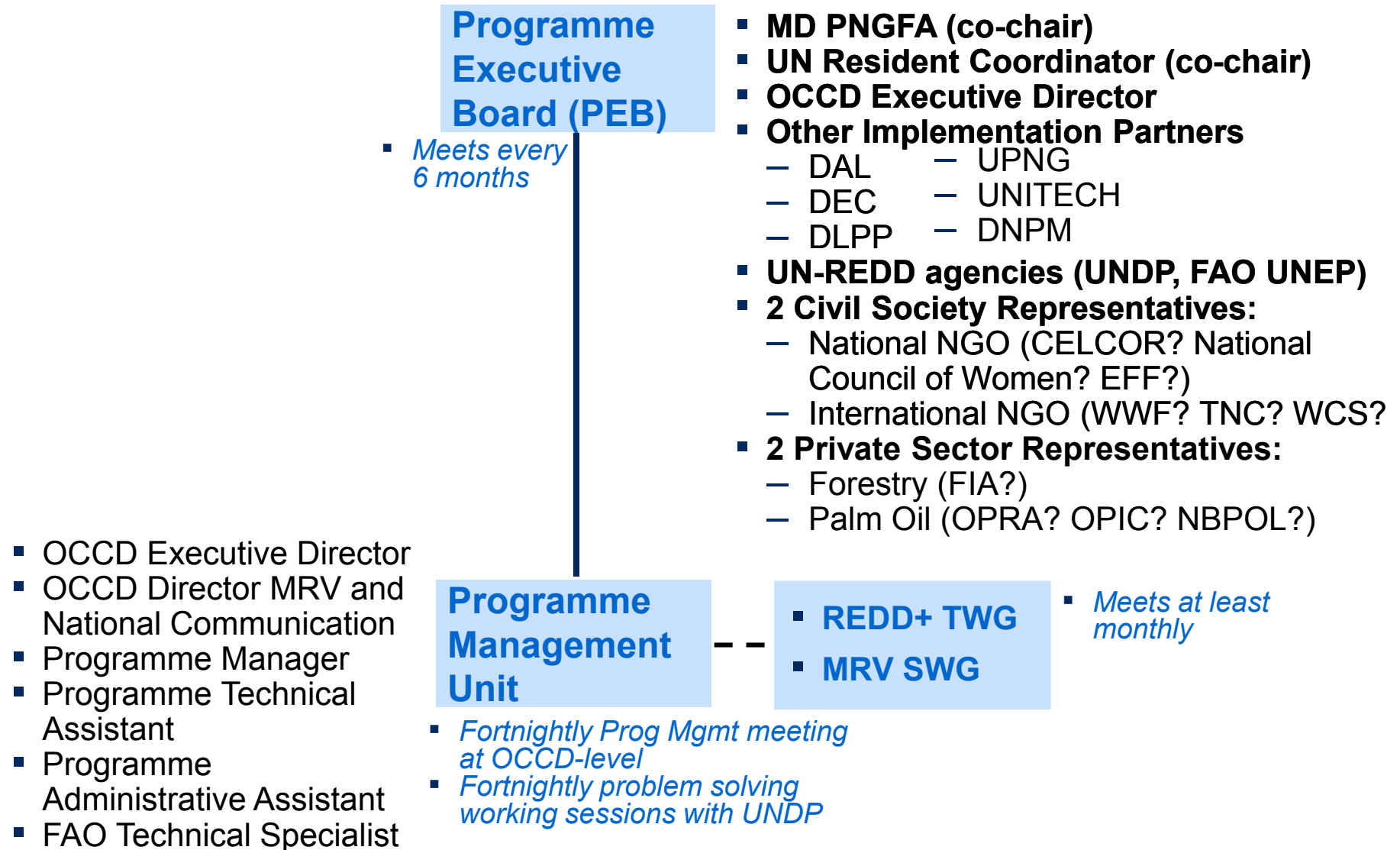
Programme Management Unit

- **REDD+ TWG**
- **MRV SWG**

TWG Role

- Technical knowledge and guidance for NP implementation
- Exchange of knowledge and information-sharing
- Facilitation and coordination of NP activities with other REDD+ related initiatives

Composition of each governance role needs to be finalised



Key priorities for next 6 months

Management Arrangements



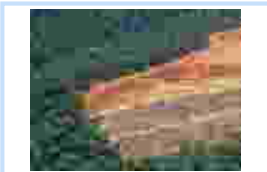
- Hire temporary programme manager (3 months)
- Develop detailed implementation plan for next 6 months (including stakeholder management plan and communications strategy)
- Recruit PMU
 - Programme manager
 - Administrative Assistant
 - Technical Assistant
 - FAO technical expert
 - Monitoring Phase 2 Team
- Conduct first PEB meeting (2nd week Nov)

MRV



- Complete and validate MRV Action plan
- Define forest inventory approach and methodology
- Conduct Forest Inventory Workshop & Remote Sensing Workshop
- Develop prototype proposal for monitoring system
- Develop proposal on Information System for safeguards
- Prepare and conduct COP17 demonstration and presentations

REDD+



- Pilot projects identified and underway
- REDD+ project guidelines, FPIC finalised and being piloted
- Benefit Sharing and Distribution System (BSDS) study concluded
- Prepare and conduct COP17 presentations

THANK you

