



CLIMATE CHANGE AND DEVELOPMENT AUTHORITY

CORPORATE PLAN 2018 - 2022



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Content

Acronyms	2
Minister's Foreword	3
Managing Director's Overview.....	4
1. National Responsibility.....	5
2. Mandate	6
3. Our Vision, Mission and Values	7
4. Strategic Framework	10
5. Strategic Focus.....	12
6. Strategic Outcomes.....	13
7. Corporate Management Process	23
8. Implementation and Monitoring	25
Annex I. (a) Stakeholders and Partners.....	27
Annex I. (b) Climate Change Projects by Activity	28
Annex II - Strategy Implementation Matrix	31
Quotes.....	42
Contact Details	43
Special Acknowledgements	44

ACRONYMS

ATWG	Adaptation Technical Working Group
BUR	Biennial Update Reports
CCDA	Climate Change and Development Authority
CCMA	Climate Change and Management Act
CRIF	Climate Resilience Insurance Facility
FREAGER	Facilitating Renewable Energy and Energy Efficiency Applications or Greenhouse Gas Emission Reduction
FREL	Forest Reference Emission Level
GAAP	Generally Accepted Accounting Principles
GCF	Green Climate Fund
GDP	Graduate Development Programme
GEF	Global Environment Facility
GESI	Gender Equality and Social Inclusion
GGGI	Global Green Growth Institute
GHG	Green House Gas
HRM	Human Resource Management
ICT	Information, Communication and Technology
IKM	Information, Knowledge and Management
IPCC	Inter-Governmental Panel on Climate Change
JD	Job Description
MRV	Measurement, Reporting and Verification
NAP	National Adaptation Plan
NDA	National Designated Authority
NDC	Nationally Determined Contributions
NGO	Non-Governmental Organization
NRS	National REDD+ Strategy
OHS	Occupational, Health and Safety
PE	Personnel Emoluments
PCC	Provincial Climate Change Committee(s)
REDD+	Reducing Emissions from Deforestation and Forest Degradation
SOP	Standard Operating Procedures
TA	Technical Action
UNFCCC	United Nations Framework Convention on Climate Change

Minister's Foreword



Papua New Guinea has come a long way in addressing its development challenges since independence. Agriculture and extractives industries increased economic growth in the past three decades setting a pathway for realising economic development for PNG. The sinking of Catarett Islands in early 2000 as a result of accelerated sea level rise, exposed PNG's vulnerability to the dangerous impacts of climate change and created an unprecedented status of climate refugees in the world. The lessons have set the pathway for a new direction for economic development in the country.

Climate change is here to stay. In PNG, we are realising the real effects and impacts of this global development challenge to our existing dilemmas of increased rates of population growth, illegal exploitation of natural resources, and continuing unsustainable practices in our social, environmental, and economic sectors. It is a major threat to achieving the sustainable development agenda that we have set ourselves to achieve through our Vision 2050, the Strategy for the Responsible Development for PNG (STaRs) and the Alotau Accord II which provides the political commitment to address the climate change challenge.

The Climate Change & Development Authority's vision to lead the country in promoting climate resilience, low carbon growth and sustainable development provides the direction on how PNG will implement the Paris Agreement under the United Nations Framework Convention on Climate Change (UNFCCC), the Pacific region's Framework for Resilient Development (FRDP); and the outcomes of the Asia Pacific Economic Cooperation (APEC) 2018.

PNG, in its commitment to implement the UNFCCC Paris Agreement and its associated decisions, plans to develop its Nationally Determined Contributions (NDCs) Implementation Roadmap as part of its obligation to the Paris Agreement. To achieve this, we welcome our regional and international partners to support us to contribute and interact effectively in realising the Paris Agreement outcomes. PNG will also continue to explore regional partnerships to address climate change and natural disaster risks in the region through the FRDP.

Together with the regional partnerships, PNG will draw on its APEC economies to foster partnerships which will harness economic investment opportunities to advance green and sustainable economic growth. One of the key and relevant outcomes of the APEC 2018 focused on promoting the context of a "new normal" for disaster risk management and effective early warning systems. In PNG, policy makers and researchers continue to face challenges in connectivity technology available to respond to climate change and disaster. In our aspirations to address the shortcomings of traditional environmental knowledge (TEK) to respond and to be climate resilient, we look to engage with our partners to find solutions. The need for good governance and economic investment into the sustainability and maintenance of connectivity technology is important to advance green and sustainable economic growth.

This Corporate Plan sets out the context with which CCDA as the mandated Government agency for climate change and development will provide the leadership and direction in addressing the challenges and harnessing the opportunities that climate change provides to achieve our outcomes and objectives for the next five years.

Hon. John T. Pundari, CMG, MP

Minister for Climate Change, Environment and Conservation

Managing Director's Overview



The Climate Change and Development Authority Corporate Plan 2018 – 2022 is the overarching strategic plan that sets the direction of the Authority for the next five years. The organisation invested the last five years (2013–2017) in establishing a climate change policy and legal framework including the strengthening of its' role as an Authority on climate change and development in Papua New Guinea. Having ratified the historic 2015 Paris Climate Agreement, Parliament enacted the United Nations Paris Agreement (Implementation) Act 2016 which progressed the transitioning phase of the institution from a government office in 2014 (Office of Climate Change & Development), to what is now the Climate Change and Development Authority since 2015. The organisation plans to complete the transition phase within the next five years.

This Corporate Plan is our blueprint designed to strategically focus the implementation of Papua New Guinea's international, regional, national and subnational policies and legislations on Climate Change. This Plan will guide CCDA in achieving its strategic goals under the country's Vision 2050, National Strategy for Responsible Sustainable Development for PNG (STaRs), the Medium-Term Development Plan III, Papua New Guinea National REDD+ Strategy, and pursuing its mandate under the Climate Change (Management) Act 2015 and the United Nations Paris Agreement (Implementation) Act 2016.

The Corporate Plan will strengthen the performance of the roles and functions of CCDA as the national designated authority and focal point of United Nations Framework Convention on Climate Change (UNFCCC) and Green Climate Fund amongst other key functions. Our role in climate change awareness, education, research and training, cultural and gender sensitivity is integral to our core business of leading the country in addressing climate change, and the strategies to implement them are set out in the Corporate Plan. You will find that in this Corporate Plan, we have made every intent to explicitly link and align the work we do with the goals of the Mid Term Development Plan III. In doing so, I thank the central agencies, stakeholders and development partners who helped make this possible. Importantly, I would like to congratulate my CCDA staff for the tireless effort in this exercise.

The CCDA staff are the critical driving force to the organization's success, and will collectively endeavour to uphold our values and high standards of leadership, integrity, professionalism, transparency and accountability. For CCDA to demonstrate commitment to our core values, CCDA will ensure that the staff are adequately trained, and acquire the requisite knowledge, skills and competencies.

The government, through CCDA is serious in addressing the effects of climate change and I urge our good development partners and stakeholders to continue the ongoing partnership and commitment. I trust that we will all continue to support each other and I look forward to working together with you all to achieve our national climate change goals as we strive to protect Planet Earth.

Mr. Ruel Yamuna, LLB
Managing Director



1. NATIONAL RESPONSIBILITY

The national responsibility of CCDA is enshrined in the national constitution of Papua New Guinea which call for fostering wealth creation through management of natural resources in a sustainable manner. This responsibility is captured within the seven key pillars of the Vision 2050 with particular alignment to pillar six relating to environment and climate change¹. These pillars are:

1. Strategic planning: articulating long-term national goals and formulating strategies to provide guidelines for action plans and resources programming. This involves four five-year Medium-Term Development Plans (MTDPs) aligned to the DSP 2030. The CCDA Corporate Plan 2018-2022 is designed and implemented around the MTDP III 2018-2022 and national Government annual budget.

2. Systems and institutions: ensuring that good governance principles are upheld and that current institutions become more effective as platforms for development.

3. Human development: focusing on how investment in human resources can accelerate the development process.

4. Wealth creation: setting the direction for the economy to move from an economy heavily dependent on non-renewable natural resources to one which has a broader base with dynamically developed industries in both secondary and tertiary sectors and with well-connected and vibrant markets.

5. Security and international relations: spelling out and managing specific directions for defence and security, and adopting appropriate broad objectives and strategies for foreign policy and foreign aid.

6. Environment and climate change: managing environmental issues such as the health of the environment as well as addressing the issues of climate change in ways that best suit PNG's developmental needs.

7. Partnership with churches for integral human development: recognizing that churches play an important role in the spiritual and cultural needs of the people and using them as well as other organizations in both decision-making and development to work towards achieving the goal of a quality life for all Papua New Guineans.

CCDA aims to ensure that PNG's future development is climate compatible and achieved in accordance with the country's GHG emissions targets. Equally important, CCDA aims to build the resilience of socio-economic and ecological systems and reduce vulnerability to climate change at the local level, and at the same time deliver on its international obligations. Mobilizing of financial resources that will help achieve PNG's climate change objectives is a key responsibility of CCDA and through its medium- and long-term planning, CCDA will strive to identify and roll out revenue generating initiatives to attain this responsibility goal.

The Authority's ability to manage climate change issues in the country is essential to the achievement of PNG's economic, social and environmental development objectives, as well as to protect and manage the country's tremendous cultural, biological and environmental resources. Climate change poses a major threat to the welfare of the people of PNG and the global community as a whole. Thus, in the target and advocate our people and stakeholders to appreciate the importance of building resilience to climate change and its impacts.

¹ GoPNG, StaRS 2nd ed., 2015



2. MANDATE

CCDA is mandated under the Climate Change (Management) Act 2015 with the responsibility to contribute toward global efforts in mitigating greenhouse gas emissions, through low carbon development that fosters economic growth and social welfare for the people's wellbeing and prosperity. Pursuant to Part II Section 10 of the Climate Change (Management) Act 2015, CCDA's purpose is to:

- Promote the management and sustainable development of climate change mitigation and adaptation actions,
- Implement any relevant obligations of the State under applicable rules of International Law and agreements related to climate change,
- Act as PNG's Designated National Authority (DNA) for the purposes of the Paris Agreement and any such other or subsequent arrangements or agreements made under the Paris Agreement, and related purposes. Under these arrangements, CCDA is the DNA for the issuance of Host Country Letter of Approval for all projects and activities related to Carbon Trading or any form of Carbon Offset Projects, and
- Establish and administer trust funds that facilitate the control and distribution of the received benefits and levies.
- Implement the United Nations Paris Agreement (Implementation) Act 2016 pursuant to Section 7

The Corporate Plan has been developed to help CCDA fulfil its mandate.



3. OUR VISION, MISSION AND VALUES

VISION

To be the leader in promoting climate resilience, low carbon growth and sustainable development.

MISSION

1. To deliver climate compatible and climate smart actions for PNG.
2. To mitigate greenhouse gas emissions through REDD+ and low carbon emission initiatives.
3. To empower people to be more resilient and reduce vulnerability to impacts of climate change.
4. To promote feasible and sustainable economic activities through appropriate and applicable technology in PNG.

GUIDING PRINCIPLES

CCDA's core values and behavioural attributes are the cornerstone of our aspirations in meeting our mission statements. The staff is an integral part of CCDA's success in upholding these values which include high standards of leadership, integrity, transparency and accountability, and gender inclusiveness. These values and guiding principles are consistent with CCDA's obligations under international law, the National Constitution, the national strategy (Vision 2050) and other relevant frameworks. For CCDA to demonstrate commitment to its core values, it will ensure staff is highly trained and acquires the requisite knowledge, skills and competencies.

VALUES

We pledge to honour the following values:

CLIMATE CHANGE LEADERSHIP

We will provide strategic direction and demonstrate effective leadership in addressing climate change and promoting sustainable development. We will develop expertise, share knowledge, deliver practical outcomes when responding to climate change and, at the same time, build capacity for our stakeholders to adapt and mitigate the effects of climate change, and reduce risks and vulnerabilities to natural disasters.

TRANSPARENCY AND ACCOUNTABILITY

We will promote openness and demonstrate responsibilities in our decisions and activities. We strive to adhere to code of practice under the Public Service Management Act 2014 and other respective regulations and good governance practice.

GENDER EQUITY AND SOCIAL INCLUSION AND FAIRNESS

We encourage respect and equal opportunities for all, embracing the GESI principles of respect, equity and diversity. CCDA aligns itself to Section 55 of the National Constitution which calls for promoting equality of citizens and, through this Corporate Plan, CCDA addresses the needs of all people, including females, children, young persons, members of underprivileged or less advanced groups or residents of less advanced areas.

DEDICATION

We will honour and dedicate our commitment to our domestic and international obligations.

SUSTAINABLE DEVELOPMENT PRINCIPLES

CCDA adopts the inclusive green growth and responsible sustainable development principles of StaRS and the MTDP III as shown in (Figure 1). This Corporate Plan focuses CCDA in working with strategic partners and stakeholders to promote carbon neutral, climate compatible and sustainable development, and responding together to build PNG's resilience, and reduce vulnerability of communities, including women to climate change. This Corporate Plan therefore promotes the agenda for Green Economy (STaRs) and responsible sustainable development through the MTDP III environmental protection strategies. CCDA being accountable through the Public Services Management Act 2014 and Public Finance Management Act 2016 will avoid unethical practices and activities that compromise PNG's future ability to respond to the adverse impacts of climate change. In doing so, CCDA upholds the good governance principle which states that subsidiary democracy must be upheld and revitalised in accordance with the principle of prior informed consent. CCDA will strive to ensure policies, rules and regulation are transparent, promote participatory negotiations and include consultative processes with CCDA stakeholders and all affected people.

Figure 1. Inclusive green growth principles of STaRS and MTDP III 2018-2022 (source: GoPNG, STaRS 2nd ed, 2015; MTDP III 2018)





4. STRATEGIC FRAMEWORK

PNG's strategic framework of national plans and international agreements provides the guidance for CCDA to meet PNG's national and international climate change goals in the long and medium term (Figure 2). PNG is a party to the United Nations Framework Convention on Climate Change (UNFCCC), the Paris Agreement and the Sendai Framework, and is ultimately committed to achieving the United Nations Sustainable Development Goals, in particular Goal 13 on Climate Action.

The PNG Vision 2050 and Development Strategic Plan 2010-2030 provide the national strategic direction for the Government to meet these international obligations on climate change. The Government enacted the Paris Agreement (Implementation) Act in 2016 to comply with the United Nations Paris Agreement and together with the Climate Change (Management) Act 2015 both provide the foundational legislative framework to drive the activities of the Authority.

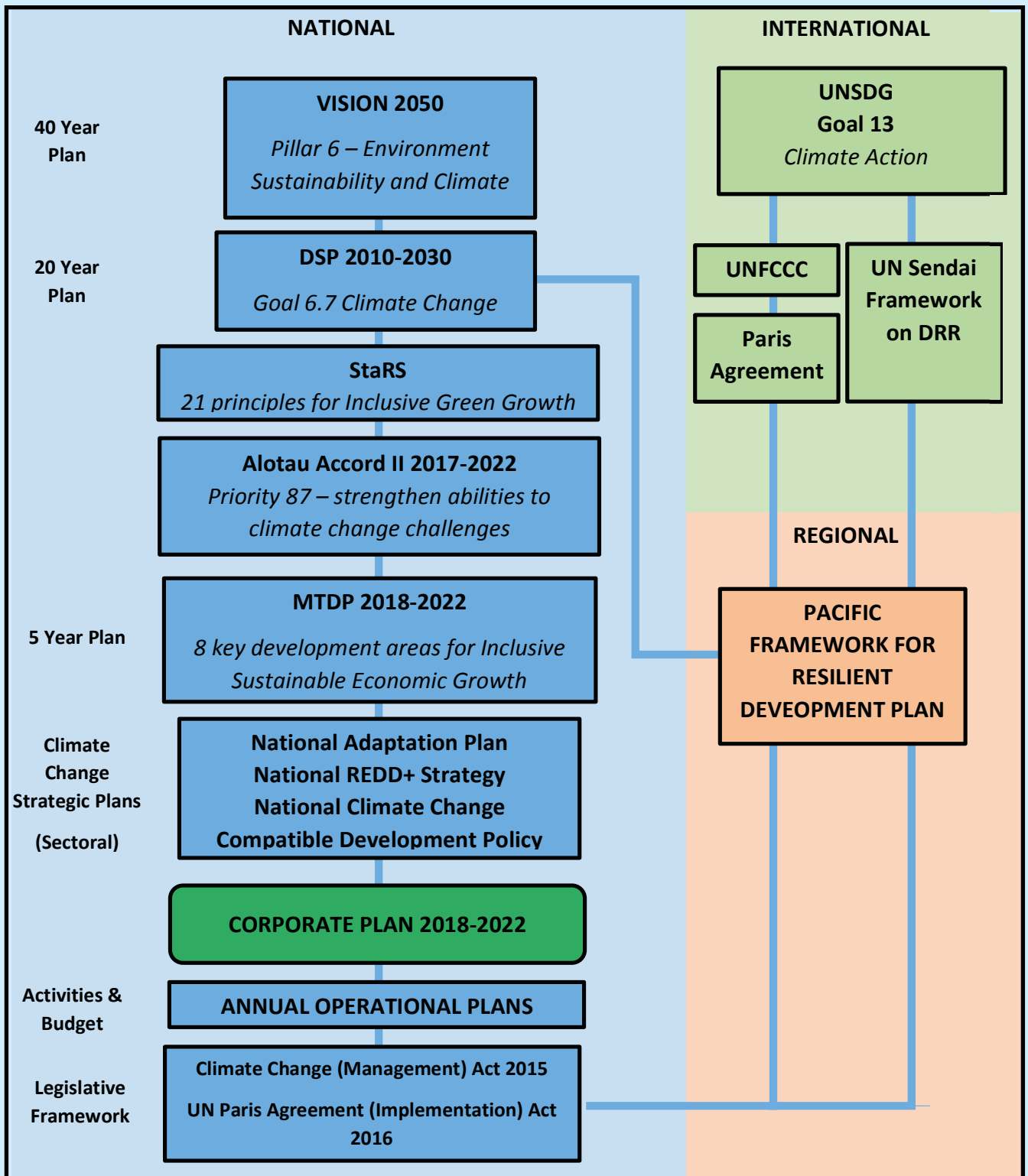
The Corporate Plan will ensure that PNG's goals are strategically positioned with the Pacific's Framework for Resilient Development Plan (FRDP) through a robust engagement with regional partners. PNG will take an inclusive and responsible sustainable development approach that is guided by the 21 principles for inclusive green growth of the Strategy for the Responsible

Development for PNG (STaRs) (Figure 1). PNG will ensure that these principles are upheld through the Alotau Accord II which provides the political guidance to achieve Vision 2050 and strengthens the commitment to address the climate change challenge national, regionally and globally.

The MTDP III 2018-2022 drives the inclusive green growth/inclusive sustainable economic growth development agenda of PNG through eight key result areas². CCDA aims to achieve the MTDP III 2018-2022 key result areas indicators and targets through the five Strategic Outcomes of the Corporate Plan. The Corporate Plan ensures that the outcomes and objectives of the national climate change strategic plans and policies (National Adaptation Plan, REDD+ Strategy and National Climate Change Compatible Development Policy) are supported and monitored through implementation of the Authority's annual operational plans.

² The eight key result areas of the MTDP III 2018-2022 are: (1) Increased Revenue and Wealth Creation; (2) Quality Infrastructure; (3) Sustainable Social Development; (4) Improved Law, Justice and National Security; (5) Improved Service Delivery; (6) Improved Governance; (7) Responsible Sustainable Development; and (8) Sustainable Population (Sources: GoPNG, MTDP III 2018-2022 Vol I., 2018.)

Figure 2. Strategic Framework for CCDA





5. STRATEGIC FOCUS

The strategic focus of the Government over the next five years is stated in the MTDP III Goal 7.2 which is to *'adapt to the domestic impacts of climate change and contribute to global efforts to abate greenhouse gas emissions'*³. To this end, CCDA will aim to coordinate the development of a National Adaptation Plan (NAP) to prepare the country in building resilience when responding to climate-related risks and advance the REDD+ agenda under the UNFCCC.

CCDA, through the Corporate Plan 2018-2022, will set out to achieve five (5) strategic outcomes that will help PNG meet its long-term plans for addressing climate change.

The five strategic outcomes are:

- 1.0 Improving Climate Change & Development Governance, Policies and Regulations**
- 2.0 Supporting Stakeholder Coordination and Engagement**
- 3.0 Promoting Carbon Neutral & Climate Compatible Development**
- 4.0 Building Climate Change Resilience**
- 5.0 Integrating Climate Change Information and Knowledge Management.**

³ See also Medium-Term Development Plan III 2018-2022.



6. STRATEGIC OUTCOMES

Over the next five years, CCDA will aim to achieve each strategic outcome together with our partners and stakeholders (see Annex I for a list of partners and stakeholders). We will implement, monitor and report these outcomes through a strategy implementation matrix outlined in Annex II.

Strategic Outcome 1 **Improving Climate Change & Development Governance, Policies and Regulations (MTDP III 7.2 (8))**

In 2018, CCDA conducted and completed a joint organisation assessment with the help of its development partners, which identified capacity measures within its corporate governance structure that it can improve and build to help achieve its internal and external organisational roles and responsibilities. To ensure good governance practices and right investment choices are made, CCDA will promote climate change leadership, accountability, stewardship and management control to achieve a strategic outcome of improved and enhanced climate change and development governance, policies and regulations. The strategic outcome 1 is aligned to the MTDP III KRA 7, goal 7.2, indicator 7.7, strategy 8⁴.

Strategy 1.1 Enhance national climate change governance systems, processes and structure, including national designated authority roles and functions proposed under the UNFCCC mechanisms.

Strategy 1.2 Establish and strengthen national and subnational climate change and development strategies and policies.

Strategy 1.3 Amend legislation and establish regulations, awareness and enforcement.

Strategy 1.4 Establish relevant trust fund mechanisms for the Authority.

⁴ MTDP III KRA 7, goal 7.2, indicator 7.7 'number of legislation and policies amended, reviewed, established and implemented'; strategy 8 'improve climate change legislative frameworks, policies, regulations, and standards' (GoPNG, MTDP III, Vol 1. p.49-50).

Strategy 1.1 Enhance national climate change governance systems, processes and structure including national designated authority roles and functions proposed under the UNFCCC mechanisms.

Objectives	Key Performance Indicators (KPI)
1. Establish the governing board for CCDA	i. CCDA Board established and meetings convened per CCMA 2015 guidance
2. Ensure CCDA management, staff and working committee meetings are held on a timely basis	ii. Management, staff and committee meetings are conducted routinely and documented
3. Improve reporting against work plans and statutory reporting to Government and development partners	iii. Government and stakeholder reports are developed, reviewed, submitted and documented iv. International meeting requests and reports (UNFCCC negotiations, trainings, etc.) are developed, reviewed and cleared with Managing Director and senior management
4. Improve and develop internal enabling functions for efficiency	v. Internal audits are supported by management and staff and conducted quarterly
5. Secure stakeholder partnership for building technical capacity	vi. Agreement with partners in place to support capacity building for staff
6. Promote and enhance HRM practice	vii. Staff are aware and trained annually on HRM practices of the organisation viii. Staff are aware and trained annually on the new 2018 Financial Procedures Manual

Strategy 1.2 Establish and strengthen national and subnational climate change and development strategies and policies.

Objectives	KPI
1. Prepare climate change annual review report	i. Annual review report developed and shared with relevant stakeholders
2. Develop CCDA national climate change communications strategy	ii. National communication strategy developed, shared with stakeholders and implemented
3. Update the UNFCCC Nationally Determined Contributions (NDC) and develop an NDC Implementation Roadmap	iii. PNG NDC and NDC Implementation Roadmap shared with UNFCCC and partners, is available online and disseminated
4. Develop and roll out PNG GCF Country Program	iv. PNG GCF Country Program rolled out resulting in access to GCF funds for PNG
5. Develop PNG National Adaptation Plan	v. PNG NAP launched and resources mobilized for implementation of the plan
6. Implement national mitigation	vi. At least two activities of the national

strategy	mitigation strategy implemented
7. Implement national REDD+ Strategy, including REDD+ finance and investment plan	vii. At least one activity under the REDD+ finance and investment plan implemented
8. Develop a PIP Budget for CCDA	viii. Annual PIP budget for CCDA approved
Strategy 1.3 Amend legislation and establish regulations, awareness and enforcement.	
1. Review climate change legislations (CCMA 2015, Paris Agreement Act 2015)	i. At least 1 climate change legislation reviewed and amended, as necessary
2. Develop climate change regulations	ii. Regulatory framework established and at least 1 regulation developed and enacted
3. Stakeholder awareness of climate change legislation and regulations	iii. At least four national or regional stakeholder consultations conducted to promote awareness of legislations and regulations
4. Promote compliance and enforcement of legislation and regulations	iv. At least 15% of stakeholders are aware of the legislation and regulations, at least 20% of stakeholders are aware of the needs of women and vulnerable groups with respect to climate change. v. At least 5% of private sector actors (MSMES, companies, corporations) are compliant with minimum standards of climate change regulations vi. At least 50% of climate change projects and programs comply with and promote enforcement of climate change legislations and regulations
Strategy 1.4 Establish relevant trust fund mechanisms for the Authority.	
1. Support the establishment of a dedicated national Climate Change Resilience and Green Growth Fund (CCRGGF) for funding climate-related projects	i. Government commitment and agreement to establish a dedicated national CCRGGF ii. Agreement between CCDA, DoF, and DNPM on the functions of fund management and disbursement of the CCRGGF in accordance with PMMR Act 2017 and PFM Act 2016
2. Establish a National Climate Resilience Insurance Facility (CRIF) to respond to climate risks and disaster	iii. Climate Resilience Insurance Facility mechanism approved by National Executive Council (NEC) iv. CRIF established and operational

Strategic Outcome 2

Supporting Stakeholder Coordination and Engagement (MTDP III 7.2 (9))

As the National Designated Authority (NDA) of the Green Climate Fund, CCDA will build on its readiness capacity developed by the GCF to improve its stakeholder coordination capabilities, promote stakeholder engagement to co-develop and deliver climate change priority programs for PNG. CCDA will, as a result, enable national stakeholders to access various sources of climate finance required to meet its national climate change strategies. The strategic outcome 2 is aligned to the MTDP III KRA 7, goal 7.2, indicator 7.7, strategy 9⁵. CCDA will meet this outcome by achieving the following strategies:

Strategy 2.1 Establish a national coordination mechanism for accessing climate finance.

Strategy 2.2 Institute effective coordination and support for national stakeholder consultations and private sector engagement.

Strategy 2.3 Integrate climate change into priority development sector plans and policies.

Strategy 2.1 <i>Establish a national coordination mechanism for accessing climate finance.</i>	
Objectives	Key Performance Indicators (KPI)
1. Establish a national coordinating unit for monitoring and overseeing climate finance activities, and strengthen the Green Climate Fund NDA capacity	<ul style="list-style-type: none"> i. PMCU (NDA)/Climate Finance Unit established and operating effectively ii. A No-Objection Letter (NOL) process established
2. Support the establishment of a steering committee on climate finance	<ul style="list-style-type: none"> iii. CCDA Board endorses the establishment of a steering committee on climate finance iv. A committee is established and functional with TORs developed and shared with key stakeholders v. Meetings conducted quarterly and reports shared with relevant stakeholders vi. Number of NOLs issued
Strategy 2.2 <i>Institute effective coordination and support for national stakeholder consultations and private sector engagement.</i>	
Objectives	KPI
1. Improve stakeholder engagement in climate change consultative processes and resource mobilization	<ul style="list-style-type: none"> i. Number of climate change projects/programs and resources identified and committed (co-financing /counter funding sources)

⁵ MTDP III KRA 7, goal 7.2, indicator 7.7 'number of legislation and *policies* amended, reviewed, established and *implemented*'; strategy 9 'Negotiate to get improved funding, technical, institutional and technology support for the climate change mitigation in the country' (GoPNG, MTDP III, Vol 1. p.49-50).

<p>2. Establish Provincial Climate Change Committees and provincial climate change units with climate change activities identified at provincial and district levels</p>	<ul style="list-style-type: none"> ii. Number of Provincial Climate Change Committees (PCCC) established and functional iii. Number of climate change units established in Provincial Governments iv. Number of climate change activities mainstreamed in Provincial and District Plans
<p>3. Promote private sector engagement in climate change planning at all levels</p>	<ul style="list-style-type: none"> v. Carry out a feasibility study on the number of private sector stakeholders engaged in climate change activities vi. Number of private sector actors engaged in climate change activities at all levels of development intervention vii. Private sector advisory committee to the CCDA Board is established and functional
<p><i>Strategy 2.3 Integrate climate change into priority development sector plans and policies.</i></p>	
<p>1. Develop a PNG National Adaptation Plan and mainstream climate change risks into Environment Act, National Disaster Mitigation Policy and MTDP III 2018-2022</p>	<ul style="list-style-type: none"> i. A PNG NAP developed and shared with all CCDA stakeholders ii. Environment Act amended with climate change incorporated and reflected iii. Climate change risks incorporated into the National Disaster Mitigation Policy and MTDP III, updated and shared with relevant stakeholder iv. CCDA reports against climate change target and deliverables of the MTDP III shared with DNPM and relevant stakeholders on a timely basis

Strategic Outcome 3

Promoting Carbon Neutral & Climate Compatible Development (MTDP III, 7.2 (7, 11))

CCDA will take a holistic approach to reducing greenhouse gas emission through a coordinated focus on carbon emissions reduction programs. Whilst climate stewardship is the theme, there will be trade-offs that CCDA will explore through its national programs for which the carbon market will be regulated with appropriate economic benefits for relevant stakeholders. The strategic outcome 3 is aligned to the MTDP III KRA 7, goal 7.2, indicator 7⁶, strategies 7, 11, as follows:

Strategy 3.1 Improve systems and inventories to monitor greenhouse gas emissions and account for carbon emissions.

Strategy 3.2 Develop a green growth development framework to support and promote green growth interventions

<i>Strategy 3.1 Improve systems and inventories to monitor greenhouse gas emissions and account for carbon emissions.</i>	
Objectives	Key Performance Indicators (KPI)
1. Establish and maintain an effective and comprehensive GHG data inventory system	<ul style="list-style-type: none"> i. Carbon dioxide emissions from all sectors monitored, reported and verified ii. Enabling environment for REDD+ results-based payment (RBP) created
2. Improve and maintain an effective system of reporting greenhouse gas emissions and carbon neutral development	<ul style="list-style-type: none"> iii. Reduction in GHG emissions against 2018 baseline of 14,251Gg and 2022 target of 12,000Gg iv. Progressive reporting against 50% GHG emissions reduction by 2030 target per INDC v. Progressive reporting against carbon neutral target before 2050 per Copenhagen Accord under the UNFCCC
<i>Strategy 3.2 Support and promote Inclusive Green and Sustainable Economic Growth interventions.</i>	
Objectives	KPI
1. Develop an Inclusive Green Growth Plan	<ul style="list-style-type: none"> i. Green Growth Potential Assessment for PNG developed and recommendations considered for developing bankable inclusive green growth projects
2. Develop and implement climate resilient green growth (CRGG) pilot program for provincial administrations	<ul style="list-style-type: none"> ii. CRGG program developed for funding and implemented
3. Develop and replicate CRGG sectoral program investments	<ul style="list-style-type: none"> iii. A pipeline of CRGG sector projects developed.

⁶ MTDP III KRA 7, goal 7.2, indicator 7.6 'total CO2 emissions from all sectors'; strategy 7 'Improve systems and inventories to monitor GHG and account for carbon emissions'; strategy 11 'Support educational, research and development programmes associated with mitigating climate change impacts and management' (GoPNG, MTDP III, Vol 1. p.49-50).

Strategic Outcome 4

Building Resilience to Climate Change (MTDP III 7.1-7.4)

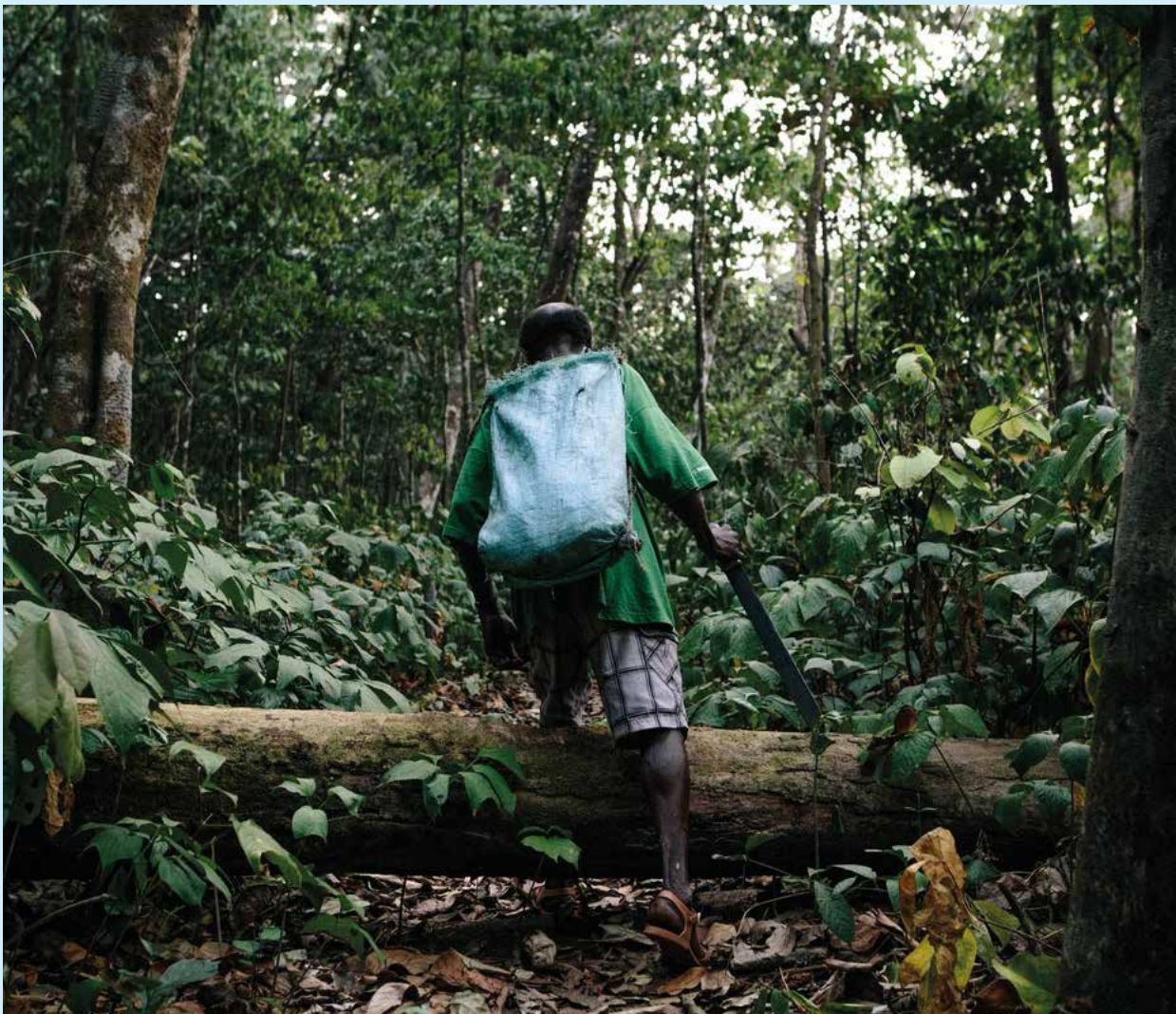
The MTDP III Goal 7.2 states that (PNG needs to prepare and adapt to the *climate-related* risks, such as: coastal flooding and sea-level rise, flooding and drowning of some of the atolls and coastlines in the Islands Region by the rise in sea level, inland flooding, food insecurity, cities and climate change, climate-induced migration, damage to coral reefs, malaria and vector-borne diseases and water and sanitation). CCDA will continue to facilitate lessons learned from its previous climate change adaptation programs and projects and incorporate them in pipeline projects designed to build resilience of priority development sectors, and reduce disaster risks and vulnerability of people and the environment of Papua New Guinea against the impacts of climate change. The strategic outcome 4 is aligned to the MTDP III KRA 7, goals 7.1 to 7.4. To achieve this outcome, CCDA will:

Strategy 4.1 Prepare national and subnational stakeholders to adapt to climate-related risks through support for capacity building programs and projects (education, training, applications and tools) for climate change adaptation.

Strategy 4.2 Support protection and promotion of environmental corridors through climate vulnerability-reduction programs for environment and development sectors, including communities, vulnerable groups and women.

<i>Strategy 4.1 Prepare national and subnational stakeholders to adapt to climate-related risks through support for capacity building programs and projects (education, training, applications and tools) for climate change adaptation.</i>	
Objectives	Key Performance Indicators (KPI)
1. Support education, research and development programs associated with climate change adaptation and green growth development	<ul style="list-style-type: none"> i. Number of stakeholders (individuals, groups) that have accessed education, research and development programs (scholarships on climate policy, etc.) ii. Number of stakeholders (staff, communities, CSOs, NGOs, private sector) trained on climate change adaptation planning and management (short course programs, training of trainers, etc.) iii. Stakeholders understand climate change adaptation planning, management, applications and tools.
<i>Strategy 4.2 Support protection and promotion of environmental corridors through climate vulnerability-reduction programs for environment and development sectors, including communities, vulnerable groups and women.</i>	
Objectives	KPI
1. Support the protection and promotion of biodiversity conservation through ecosystem-based adaptation (EbA) approaches (MTDP III, 7.1.1)	<ul style="list-style-type: none"> i. Lessons from biodiversity conservation and EbA projects recognised, upscaled and/or replicated ii. Environmental ecosystem corridors protected (rainforests, mangrove forests, coral reefs)

<p>2. Support the promotion of sustainable uses of non-renewable natural assets in forestry, marine, minerals and biodiversity (MTDP III 7.1.5)</p>	<p>iii. Alternative sources of livelihoods (adaptation measures) for people and communities identified and supported</p>
<p>3. Support implementation and enforcement of building standards for the construction of resilient infrastructure in disaster prone areas (MTDP III, 7.3.12)</p>	<p>iv. Climate hazard-based building standard codes developed for construction of resilient infrastructure in disaster prone areas</p>
<p>4. Support capacity to effectively plan and deal with natural disasters (MTDP III, 7.3.15)</p>	<p>v. At least five provinces receive support for climate and disaster risk planning</p> <p>vi. Climate and disaster risk management and technical capacity of PCCCS and District Administrations improved</p>
<p>5. Support for improved access to safe (drinking) water, and reliable and affordable sanitation and hygiene facilities (MTDP III 7.4)</p>	<p>vii. At least two WASH project proposals developed and funded</p>



Strategic Outcome 5

Integrating Climate Change Information and Knowledge (MTDP III 7.1-7.4)

CCDA is often requested by its stakeholders to provide up-to-date climate change information that will allow all citizens to engage with each other and make decisions and address the challenges collectively. This requires integration of various types of information that include but not limited to climate change science, policy, coordination, finance (access, counter funding, etc.) and programmes and projects. CCDA will therefore be working to enhance the discoverability, accessibility and secure storage of climate change information and resources for PNG. The strategic outcome 5 is aligned to the MTDP III KRA 7, goal 7.2, indicator 7.6, strategies 7 and 11. The following strategies will help us achieve this outcome:

- Strategy 5.1** **Establish an Information and Knowledge Management Advisory Committee to oversee, monitor and improve climate change information discoverability, accessibility and storage for PNG.**
- Strategy 5.2** **Design and launch a live climate change portal for PNG using a cloud server and stakeholder-supported database inventory systems.**
- Strategy 5.3** **Promote awareness and use of the climate change portal for CCDA and all relevant stakeholders.**

Strategy 5.1 <i>Establish an Information and Knowledge Management Advisory Committee to oversee, monitor and improve climate change information discoverability, accessibility and storage for PNG.</i>	
Objectives	Key Performance Indicators (KPI)
1. Develop a strategic framework for climate change information and knowledge management (IKM)	i. Strategic Framework for climate change IKM developed and endorsed
2. Establish an Information and Knowledge Management Advisory Committee (IKMAC) to manage and oversee climate change information guided by the IKM strategic framework	ii. IKMAC established and meetings conducted quarterly and reported to the senior management team
Strategy 5.2 <i>Design and launch a live climate change portal for PNG using a cloud server and stakeholder-supported database inventory systems.</i>	
Objectives	KPI
1. Design a climate change portal guided by the strategic framework	i. Climate change portal designed and launched
2. Mobilize and secure resources for the climate change portal infrastructure (cloud server, database inventory system, etc.) from government, private sector and development partners	ii. Resource mobilization plan developed for maintenance of portal infrastructure and sustainability of climate change IKM

<p>3. Engage stakeholders (research institutions, agencies, private sector actors) to collect, store and share climate information</p>	<p>iii. Increased stakeholder participation in sharing of climate information (including national, regional stakeholders)</p> <p>iv. Increase discoverability and accessibility of climate data and information amongst stakeholders in local, regional and international arena</p>
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Strategy 5.3 Promote awareness and use of the climate change portal for CCDA and all relevant stakeholders.

Objectives	KPI
<p>1. Promote awareness and use of the climate change portal for CCDA and all relevant stakeholders</p>	<p>i. CCDA Communications Strategy developed through consultative process</p> <p>ii. CCDA staff and stakeholders have access to climate change portal</p> <p>iii. Number of climate change portal visits is at least 200 per month</p>



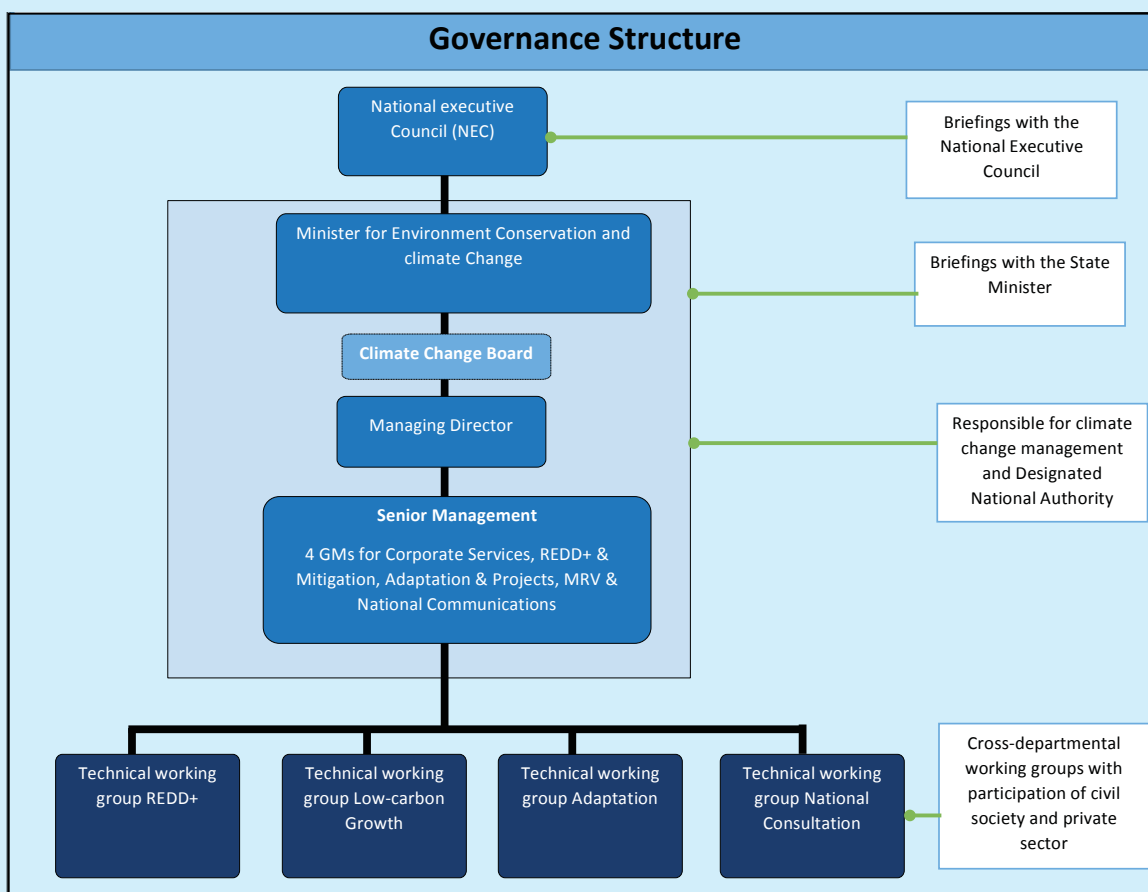
7. CORPORATE MANAGEMENT PROCESS

The CCDA corporate management processes provides a general overview of the governance structure of the organisation. The delegation of authority and reporting structure is described with brief roles and responsibilities of the Board, management, division and staff of the organisation.

Governance Structure

CCDA staff reports to the Managing Director through its Senior Management team, which consists of General Managers and respective Division Managers. The Managing Director reports to the National Climate Change Board and the Minister of Environment and Climate Change every four months pursuant to the CCMA 2015. The Minister reports to the National Executive Council (NEC), which delegates authority and decisions to the National Climate Change Board and Managing Director (Figure 3).

Figure 3 Governance structure of CCDA



CCDA will manage the implementation of the Corporate Plan and report its achievements and challenges through its organisational structure as outlined in the chart below (Figure 4). The Managing Director oversees all organisational administrative matters of the Authority. Beneath the Managing Director are four General Managers for the current and approved divisions of CCDA which include Corporate Services, Adaptation and Projects, REDD+ and Mitigation, and MRV and National Communication. The Corporate Services Division provides administration, human resource management and finance, and information and communication technology (ICT) services. The General Manager of the Corporate Services Division is responsible for oversight and reporting against the Corporate Plan. An Internal Auditor reports directly to the Managing Director and its functions include audit and investigation and compliance reporting.

The Finance Branch administers CCDA’s cash management and expenditure control services. CCDA has set up an ad hoc Finance Management Committee (FMC) to review the financial plans of the Authority. The FMC reports to the Managing Director. The ICT administers climate change information and knowledge management systems.

The Adaptation and Projects Division develops and manages national climate change adaptation activities under the Adaptation Branch, and implements activities through projects under the Projects branch.

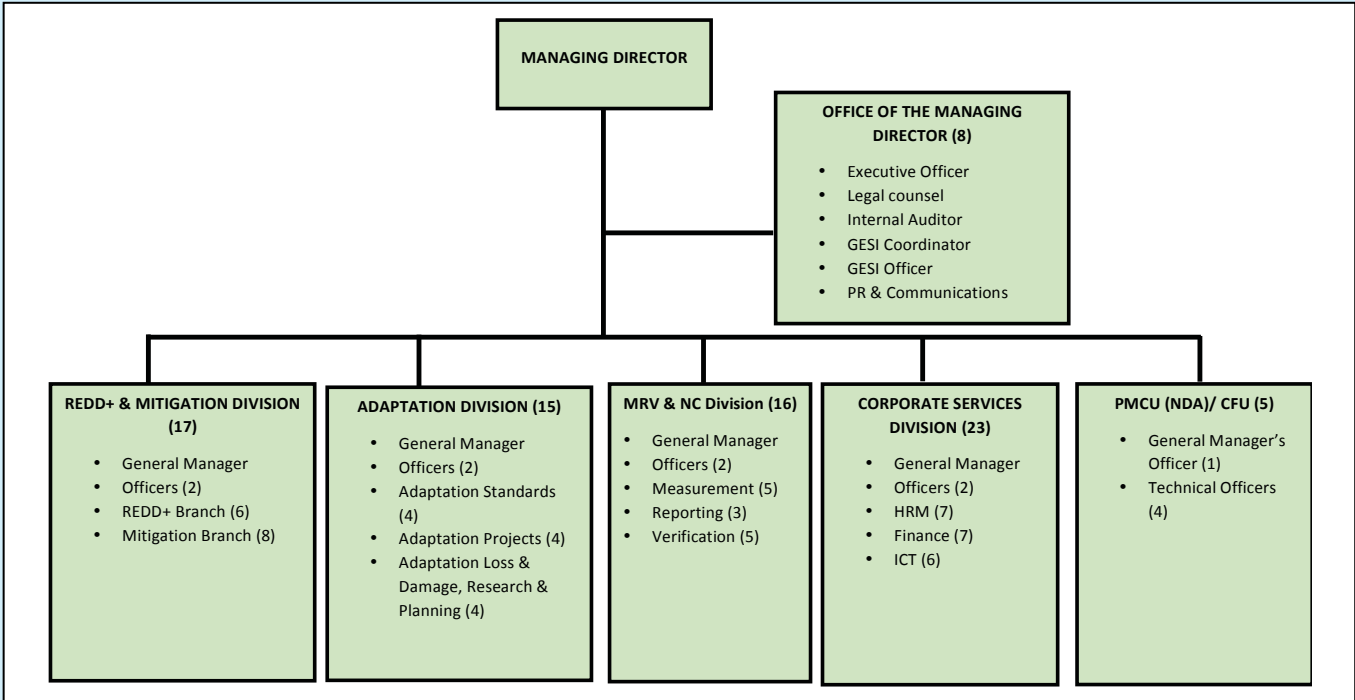
The REDD+ and Mitigation Division also consists of two sub-branches REDD+ and Mitigation. This Division is responsible for promoting green growth, low carbon development and carbon sequestration activities through REDD+ and climate change mitigation activities.

The MRV and National Communications Division also consists of two sub-branches MRV and National Communications. This Division is responsible for coordinating the establishment of the national MRV system to report and verify the country’s greenhouse gas emissions, as well as the Government of PNG’s involvement in UNFCCC negotiations.

CCDA also coordinates four technical working groups which correspond to the technical divisions of the Authority. The working groups include representatives from national stakeholders (civil society and private sector) (see Figure 2) and include

- Technical Working Group REDD+
- Technical Working Group Low Carbon Growth (Mitigation)
- Technical Working Group Adaptation (ATWG)
- Technical Working Group National Consultation (MRV/NC)

Figure 4. CCDA organisational structure (the organisation structure and staffing shown is the DPM-approved structure with the exception of a Project Management & Coordination Unit (PMCU) & the NDA Secretariat Unit/Climate Finance Unit)



CCDA will look to revise this structure to reflect the planned Project Management Coordination Unit (PCMU) that will incorporate the NDA Unit/Climate Finance Unit which will act as the secretariat for a National Steering Committee on Climate Finance (NSCCF). CCDA plans to review the organisational chart in close consultation with the Department of Personnel Management (DPM).

The CCDA internal management structure will be guided and supported by its recently developed Human Resource Policy, Training Manual, and Finance Procedures Manual. CCDA’s annual operational plan developed through its four divisions will guide the implementation, monitoring and reporting against the five strategic outcomes of the Corporate Plan.

Divisions and Staff

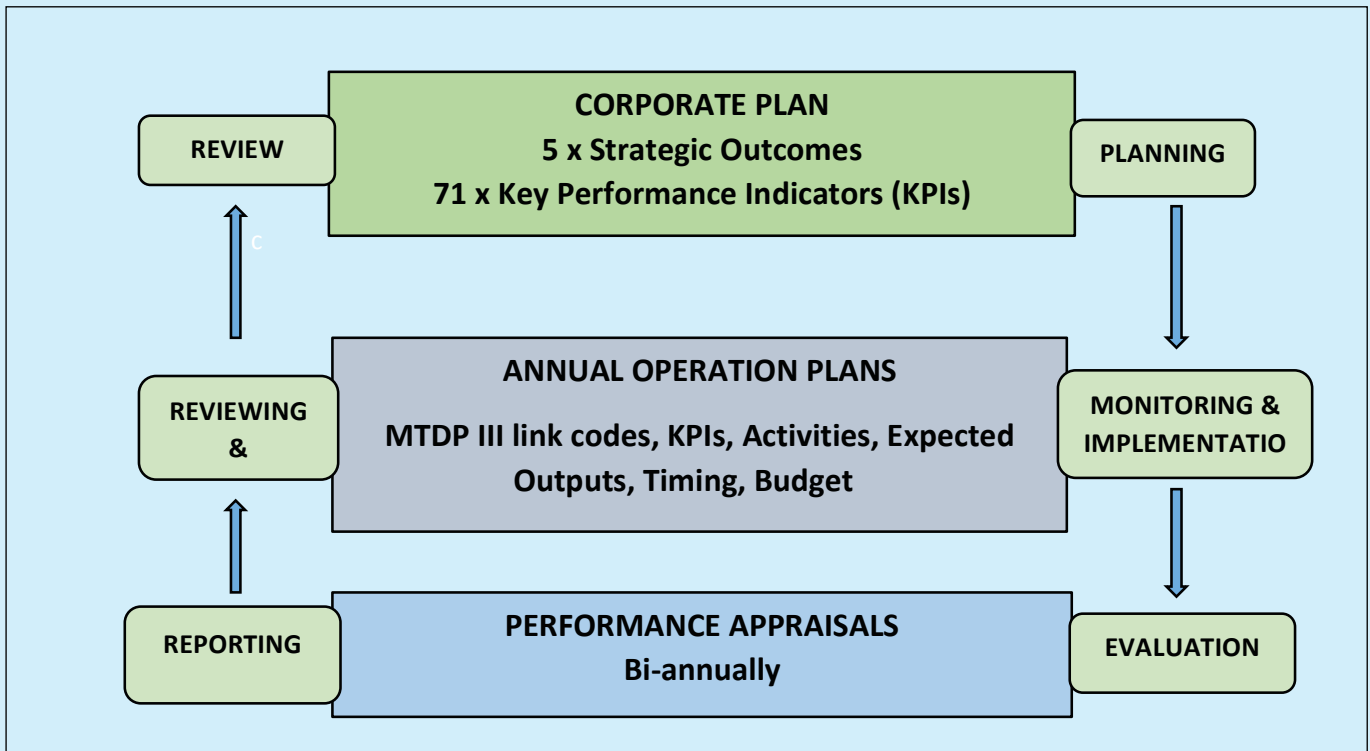
CCDA’s existing structure has an approved staff ceiling of seventy-three (73) personnel. The Government has plans to accommodate two Gender Equity and Social Inclusion (GESI) positions under the office of the Managing Director, which will extend the total number of approved staff to seventy-five (75). Figure 4 shows the current number of staffing under each unit and division for 2018.



8. IMPLEMENTATION AND MONITORING

The CCDA Corporate Plan is the roadmap for management to benchmark the achievement of PNG’s national climate change goals. The Plan will be accomplished through the collaborative efforts of all stakeholders and Government agencies. CCDA will monitor and evaluate its achievements through a Government-driven monitoring and evaluation framework (Figure 5). The identified tasks and activities at the operational level are provided in detail in each of the annual division operation plans, which are developed by general managers, managers and staff, and subject to audit review. Individual staff performance appraisal plans are developed from and based on the annual division operation plans, which are developed between the staff and their immediate supervisor. CCDA will be conducting a mid-term and terminal review of the Corporate Plan to take stock of progress against achievement of the Corporate Plan strategic outcomes, objectives and KPIs.

(Figure 5 Monitoring And Evaluation Framework For CCDA.)



Annex I. (a) Stakeholders and Partners

CCDA works with the following stakeholders and partners to fulfil its mandate and achieve PNG's climate change goals. CCDA's partnership approach is aligned to the PNG Development Cooperation Policy 2018-2022.

Government	Development Partners
Coastal Fisheries Development Agency Conservation & Environment Protection Authority Department for Community Development and Religion Department of Agriculture and Livestock Department of Finance Department of Foreign Affairs Department of Justice & Attorney General Department of Lands & Physical Planning Department of National Planning and Monitoring Department of Petroleum and Energy Department of Provincial and Local Level Government Affairs Department of Transport Department of Treasury Department of Works Mineral Resources Authority Ministry of Education National Agriculture Research Institute National Disaster Centre National Fisheries Authority National Statistics Office National Weather Services PNG Forest Authority PNG Geohazards PNG Power Limited PNG Ports PNG Institute of Leadership and Governance PNG Science and Technology Provincial Government and Administrations University of Papua New Guinea	Adaptation Fund Asia Development Bank Australian Bureau of Meteorology Climate Investment Fund Coalition for Rainforest Nations Commonwealth Scientific and Industrial Research Organisation Department of Foreign Affairs & Trade Australia Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) Development Alternatives Inc European Union Food and Agriculture Organization Forest Carbon Partnership Facility Global Environmental Facility Global Green Growth Institute Green Climate Fund International Office for Migration International Union Conservation Nature Italy Government Pacific Island Forum Secretariat Regional Integrated Multihazard Early Warning Systems Secretariat of the Pacific Regional Environment Programme Secretariat of the Pacific Community United Nations Development Program United Nations Environment Program United Nations Habitat United States Agency for International Development University of the South Pacific
State Owned Enterprises	Private Sector
Eda Ranu Fresh Produce Development Agency Kokonas Industri Koporesen PNG Ports PNG Power Limited Water PNG	Barrick (Niugini) Limited Certified Practising Accountants PNG Chamber of Commerce Exxon Mobil Kramer Ausenco Papua New Guinea Ltd Oil Search Limited
Civil Society Organisations	
Child Fund Faith Based Organisations (Churches) Foundation for People and Community Development PNG Center for Locally Managed Areas	The Nature Conservancy Wildlife Conservation Society World Wide Fund World Vision

Annex I. (b) Climate Change Projects by Activity

Climate Change Activity	Funding Source	Project Title	Duration	Cost	Development Partner(s)	Implementing Agencies
Adaptation	Adaptation Fund	Enhancing adaptive capacity of communities to climate change-related floods in the North Coast and Islands Region of Papua New Guinea	2012-2017	US\$6.5m	UNDP	NSO, NDC, Provincial Administrations
	USAID	Mangrove Rehabilitation for Sustainably-Managed, Healthy Forests	2012-2015 (5-year project)	US\$7m	USAID	IUCN, TNC UPNG & 5 Provincial Administrations
	USAID	Coastal Community Adaptation Program	2013-2017	US\$1.4m	USAID, Development Alternatives Inc. (DAI), University of the South Pacific (USP) & Kramer Ausenco Papua New Guinea Ltd.	PA (CP & NIP)
	USAID	Climate Ready	2017-2021	US\$23.9M	USAID-AECOM	CCDA
	UN Habitat	Cities and Climate Change Initiative	2012-2014	US\$1m	UN Habitat	UPNG, NCDC & Office of Urbanization
	GIZ German Government	Coping with Climate Change in the Pacific Islands Region	2009-2013	EUR4.2m	GIZ/SPC	CCDA, NARI, DAL

	USAID, AusAID, GEF	Coral Triangle Initiative	2010-2015	US\$11 million	USAID	CEPA, NFA, CCDA, (Various Departments)
	WB and Japanese Government	Global Fund for Disaster Risk Reduction (GFDRR)	2012-2015	US\$2.6m	WB	NARI, DAL, CCDA & DoW
	German Government, EU	Solar Farm and Integrated Water Supply for Rural Communities in PNG	2016-2018	EUR1m	EU-GIZ	DPE, Central Prov. LLG, PNG Power, Water PNG
	Australian Government	Pacific-Australia Climate Change Science and Adaptation Planning Program	Ended June 2013	Regional Program (total funding unspecified)	AusAID, CSIRO, ABOM	NWS, CCDA
	ADB	Strategic Program for Climate Resilience (SPCR) - Building Resilience to Climate Change (BRCC) in PNG	2015-2021	US\$25m	ADB	PNG Ports, CFDA, NARI, DAL
	EU	Migration, Environment and Climate Change: Evidence for Policy	2014-2016	EUR2.4m	IOM	Foreign Affairs, NDC, UPNG
	RIMES	WMO-EWS		US\$1.9	TBC	NWS, CCDA

REDD+ & Mitigation	UN-REDD	PNG UN-REDD Programme	2011-2017	US\$ 6,388,884	UNDP/UNEP/FAO	CCDA, PNGFA
	World Bank	Forest Carbon Partnership Facility Project	2015-2017	US\$3.5m	FCPF/UNDP	CCDA, PNGFA, CEPA, DAL, DLPP, DNPM
	World Bank	Forest Carbon Partnership Facility Project 2	2018-2020	US\$5m	FCPF/UNDP	CCDA, PNGFA, CEPA, DAL, DLPP, DNPM
	Italy Government (Italy-PNG MoU)	REDD+ Programme	2017-2019	Euro400,000	CfRN	CCDA
	Australian Government	Pacific Appliance Labelling and Standards	2017-2018	Technical Assistance	SPC	CCDA
	GEF	Facilitating Renewable Energy & Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER)	2017-2021	US\$ 3,140,640	UNDP	CCDA, PPL, EHP Provincial Government, ESP Provincial Government
	GEF	Strengthening capacity in the agriculture and land-use sectors for enhanced transparency in implementation of monitoring Nationally Determined Contribution (NDC) under the Paris Agreement in Papua New	2018-2021	US\$1m	FAO	CCDA, PNGFA and DAL
	Monitoring, review & verification					

		Guinea						
GEF		Preparation of the First Biennial Update Report and Third National Communication under UN Framework Convention on Climate Change (UNFCCC)	2014-2020	US\$832,000	UNEP		CCDA, NSO, NWS, CEPA, PNGFA, DNPM, DAL, DPE, DoT, DLPP	
JICA		Project for enhancing capacity to develop a sustainable GHG inventory system for PNG	2017-2021	Technical Assistance	JICA		CCDA, PNGFA, DAL, CEPA, Water PNG, NCDC, PPL, DPE	
GEF		Papua New Guinea: Preparation of Intended Nationally Determined Contribution to the UNFCCC	2017-2021	US\$210,000	UNEP		CCDA, PNGFA, DAL, CEPA, Water PNG, NCDC, PPL, DPE	

Annex II – Strategy Implementation Matrix

The table below outlines strategy objectives and strategic outcomes and the relevant key performance indicators.

Objectives	Key Performance Indicators	Timing	Division Responsible
Strategic Outcome 1 – Improving Climate Change & Development Governance, Policies and Regulations (MTDP III 7.2 (8))			
Strategy 1.1 Enhance national climate change governance systems, processes and structure including national designated authority roles and functions proposed under the UNFCCC mechanisms.			
1. Establish the governing board for CCDA	i. CCDA Board established and meetings convened per CCMA 2015 guidance	Established 15 June 2018	Office of the Managing Director
2. Ensure CCDA management, staff and working committee meetings are held on a timely basis	ii. Management, staff and committee meetings are conducted routinely and documented	Monthly	All Divisions
3. Improve reporting against work plans and statutory reporting to Government and development partners	iii. Government and stakeholder reports are developed, reviewed, submitted and documented	Quarterly	All Divisions
4. Improve and develop internal enabling functions for efficiency	iv. International meeting requests and reports (UNFCCC negotiations, trainings, etc.) are developed, reviewed and cleared with Managing Director and senior management	Requests:- minimum 20 working days advance notice Reports – 10 working days after arrival	Office of the Managing Director
5. Secure stakeholder partnership for building technical capacity	v. Internal audits are supported by management and staff and conducted quarterly	Quarterly	Internal Auditor
6. Promote and enhance financial and	vi. Agreement with partners in place to support capacity building for staff	Bi-annually	All Divisions
	vii. Staff are aware and trained	Bi-annually	Corporate Services Division

human resource management practice and standards	<p>annually on human resource management practice and standards of the organisation</p> <p>Viii. Staff are aware and trained annually on the new 2018 financial procedures manual</p>	(individual) performance appraisal)	Annually	
Strategy 1.2 Establish and strengthen national and subnational climate change and development strategies and policies.				
1. Compile climate change divisional report against divisional operational plan	i. Divisional reports developed and operational plans updated		Quarterly	All Divisions
2. Develop CCDA national climate change communications strategy	ii. National communication strategy developed, shared with stakeholders and implemented		March 2019	Information Technology Branch – Corporate Services Division
3. Update the UNFCCC Determined Contributions (NDC) and develop an NDC Implementation Roadmap	iii. PNG NDC and NDC Implementation Roadmap shared with UNFCCC and partners, is available online and disseminated		Q4 2019	National Communications Branch – MRV/NC Division
4. Develop and roll out PNG GCF Country Program	iv. PNG GCF Country Program developed and rolled out resulting in access to GCF funds for PNG		Q4 2019	National Communications Branch – MRV/NC Division
5. Develop PNG National Adaptation Plan	v. PNG NAP launched and resources mobilized for implementation of the Plan		Q3 2020	Adaptation and Projects Division
6. Implement national emission mitigation plan	vi. At least two activities of the national emission mitigation plan implemented		Q4 2020	REDD+ and Mitigation Division
7. Implement national REDD+ Strategy, including REDD+ finance and investment plan	vii. At least one activity under the REDD+ finance and investment plan implemented		Q4 2020	REDD+ and Mitigation Division

8. Develop and PIP Budget for CCDA	viii. Annual PIP budgets for CCDA approved	Annually	All Divisions
Strategy 1.3 Amend legislation and establish regulations, awareness and enforcement.			
1. Review climate change legislations (CCMA 2015, Paris Agreement Act 2015)	i. At least 1 climate change legislation reviewed and amended	Q4 2019	Executive Management
2. Develop climate change regulations	ii. Regulatory framework established and at least 1 regulation developed and enacted	2022	Executive Management, MRV/NC Division
3. Stakeholder awareness of climate change legislation and regulations	iii. At least four national or regional stakeholder consultations conducted to promote awareness of legislations and regulations	Q4 2019	National Communications Branch, MRV/NC Division
4. Promote compliance and enforcement of legislation and regulations	iv. At least 15% of stakeholders are aware of the legislation and regulations, at least 20% of stakeholders are aware of the needs of women and vulnerable groups with respect to climate change v. At least 5% of private sector actors (MSMEs, companies, corporations) are compliant with minimum standards of climate change regulations vi. At least 50% of climate change projects and programs comply with and promote enforcement of climate change legislations and regulations	Q4 2022 (for all indicators)	All Divisions

Strategy 1.4 Establish relevant trust fund mechanisms for the Authority.			
1. Support the establishment of a dedicated national Climate Change Resilience and Green Growth Fund (CCRGGF) for funding climate related projects	<p>i. Government commitment and agreement to establish a dedicated national CCRGGF</p> <p>ii. Agreement between CCDA, DoF, DNPM of the functions of fund management and disbursement of the CCRGGF in accordance with PIMR Act 2017 and PFM Act 2016</p>	Q4 2018 Q1 2019	Office of the Managing Director (Project Management Coordination Unit (NDA)/ Climate Finance Unit)
2. Establish a National Climate Resilience Insurance Facility (CRIF) to respond to climate risks and disaster	<p>iii. Climate Resilience Insurance Facility mechanism approved by National Executive Council (NEC)</p> <p>iv. CRIF established and operational</p>	Q4 2018 Q2 2019	Office of the Managing Director (Project Management Coordination Unit (NDA)/ Climate Finance Unit), Adaptations & Projects Division
3. Identify revenue streams to supplement and leverage domestic resources to address climate resilient development priorities in PNG.	<p>v. Number of revenue sources (domestic and external) identified and piloted</p> <p>vi. Revenue collected from identified revenue streams (domestic, external sources)</p>	2020-2022 2020-2022	Office of the Managing Director (Project Management Coordination Unit (NDA)/ Climate Finance Unit), All Divisions
Strategic Outcome 2 – Supporting Stakeholder Coordination and Engagement (MTDP III 7.2 (9))			
Strategy 2.1 Establish a national coordination mechanism for accessing climate finance.			
1. Establish a national coordinating unit for monitoring and overseeing climate finance activities, and strengthen the Green Climate Fund NDA capacity	<p>i. PMCU (NDA)/Climate Finance Unit established and operating effectively</p> <p>ii. A No-Objection Letter (NOL)</p>	Q4 2019 Q3 2019	Office of the Managing Director (Project Management Coordination Unit (NDA)/ Climate Finance Unit),

<p>2. Support the establishment of a steering committee on climate finance</p>	<p>process established</p> <p>iii. CCDA Board endorses the setup of a steering committee on climate finance</p> <p>iv. A committee is established and functional with TORs developed and shared with key stakeholders</p> <p>v. Number of meetings conducted annually and reports shared with relevant stakeholders</p> <p>vi. Number of NOLs issued</p>	<p>2019</p> <p>2019</p> <p>Annually</p> <p>Annually</p>	<p>All Divisions</p> <p>CCDA Board Office of the Managing Director</p> <p>(Project Management Coordination Unit (NDA)/ Climate Finance Unit)</p> <p>(Project Management Coordination Unit (NDA)/ Climate Finance Unit)</p> <p>(Project Management Coordination Unit (NDA)/ Climate Finance Unit),</p>
<p>Strategy 2.2 Institute effective coordination and support for national stakeholder consultations and private sector engagement.</p>			
<p>1. Improve stakeholder engagement in climate change consultative processes and resource mobilization</p>	<p>i. Number of climate change projects/programs and resources identified and committed (co-financing/ counter funding sources)</p>	<p>Annually</p>	<p>All Divisions</p>
<p>2. Establish Provincial Climate Change Committees and provincial climate change units with climate change activities identified at provincial and district levels</p>	<p>ii. Number of Provincial Climate Change Committees (PCCC) established and functional</p> <p>iii. Number of climate change units established in Provincial Governments</p>	<p>Annually</p> <p>Annually</p>	<p>National Communications Branch. MRV/NC Division</p>

3. Promote private sector engagement in climate change planning at all levels	<p>iv. Number of climate change activities mainstreamed in the Provincial and District Plans</p> <p>v. A feasibility study on the number of private sector stakeholders engaged in climate change activities</p> <p>vi. Number of private sector actors (MSMEs, companies, corporations) engaged in climate change activities at all levels of development intervention</p> <p>vii. Private sector advisory committee to the CCDA Board is established and functional</p>	Annually	<p>(Project Coordination Unit (NDA)/ Climate Finance Unit),</p> <p>(Project Coordination Unit (NDA)/ Climate Finance Unit)</p> <p>(Project Coordination Unit (NDA)/ Climate Finance Unit),</p>
Strategy 2.3 Integrate climate change into priority development sector plans and policies.			
1. Develop a PNG National Adaptation Plan and mainstream climate change risks into Environment Act, National Disaster Mitigation Policy and MTDP III 2018-2022	<p>i. A PNG NAP developed and shared with all CCDA stakeholders</p> <p>ii. Environment Act amended with climate change incorporated and reflected</p> <p>iii. Climate change risks incorporated into the National Disaster Mitigation Policy and MTDP III, updated and shared with relevant stakeholder</p>	<p>Q3 2019</p> <p>Q1 2020</p> <p>Q4 2018</p>	Adaptation & Projects Division

	iv. CCDA report against climate change target and deliverables of the MTDPIII shared with DNPM and relevant stakeholders on a timely basis	Annually	
Strategic Outcome 3 - Promoting Carbon Neutral & Climate Compatible Development (MTDP III, 7.2 (7, 11))			
Strategy 3.1 Improve systems and inventories to monitor greenhouse gas emissions and account for carbon emissions.			
1. Establish and maintain an effective and comprehensive GHG data inventory system	i. Carbon dioxide emissions from all sectors monitored, reported and verified ii. Enabling environment for REDD+ results-based payment (RBP) created	Annually Annually	MRV & NC Division REDD+ & Mitigation Division
2. Improve and maintain an effective system of reporting greenhouse gas emissions and carbon neutral development	iii. Reduction in GHG emissions against 2018 baseline of 14,251Gg and 2022 target of 12,000Gg iv. Progress reporting against GHG emissions reductions by 50% by 2030 target per INDC v. Progress reporting against carbon neutral target before 2050 per Copenhagen Accord under the UNFCCC	Annually Annually Annually	MRV & NC Division REDD+ & Mitigation Division
Strategy 3.2 Develop a green growth development framework to support and promote green growth interventions.			
1. Develop an inclusive Green Growth Plan	i. Green Growth Potential Assessment for PNG developed and considered for developing	Q4 2018 Annually	(Project Management Coordination Unit (NDA)/ Climate Finance Unit) MRV & NC Division

	bankable Inclusive Green Growth projects		REDD+ & Mitigation Division Adaptation & Projects Division
2. Develop and implement climate resilient green growth (CRGG) pilot program for provincial administrations	ii. CRGG program developed for funding and implemented	2019-2022	(Project Management Coordination Unit (NDA)/ Climate Finance Unit) MRV & NC Division REDD+ & Mitigation Division Adaptation & Projects Division
3. Develop and replicate CRGG sectoral program investments	iii. A pipeline of CRGG sector projects developed.	2019-2022	(Project Management Coordination Unit (NDA)/ Climate Finance Unit) MRV & NC Division REDD+ & Mitigation Division Adaptation & Projects Division
Strategic Outcome 4 - Building Resilience to Climate Change (MTDP III 7.1-7.4)			
Strategy 4.1 Prepare national and subnational stakeholders to adapt to climate-related risks through support for capacity building programs and projects (education, training, applications and tools) for climate change adaptation.			
1. Support education, research and development programs associated with climate change adaptation and green growth development	i. Number of stakeholders (individuals, groups) that have accessed education, research and development programs (scholarships on climate policy, etc.)	Annually	(Project Management Coordination Unit (NDA)/ Climate Finance Unit) Adaptation & Projects Division National Communications Branch, MRV/NC Division
	ii. Number of stakeholders (staff, communities, CSOs, NGOs, etc.)	Annually	

	private sector) trained on climate change adaptation planning and management (short course programs, training of trainers, etc.)	Annually	
	iii. Stakeholders understand climate change adaptation planning, management, applications and tools	Annually	
Strategy 4.2 Support protection and promotion of environmental corridors through climate vulnerability-reduction programs for environment and development sectors including communities, vulnerable groups and women.			
1. Support the protection and promotion of biodiversity conservation through ecosystem-based adaptation (EbA) approaches (MTDP III, 7.1.1)	i. Lessons from biodiversity conservation and EbA projects recognised, upscaled and or replicated	Q4 2019	Adaptation & Projects Division REDD+ Branch
	ii. Environmental ecosystem corridors protected (rainforests, mangrove forests, coral reefs)	Q1 2020	
2. Support the promotion of sustainable uses of non-renewable natural assets in forestry, marine, minerals and biodiversity (MTDP III 7.1.5)	iii. Alternative sources of livelihoods (adaptation measures) for people and communities identified and supported	Q1 2020	Adaptation & Projects Division
3. Support implementation and enforcement of building standards for the construction of resilient infrastructure in disaster prone areas (MTDP III, 7.3.12)	iv. Climate hazard-based building standard codes developed for construction of resilient infrastructure in disaster prone areas	Q1 2020	Adaptation & Projects Division
4. Support capacity to effectively plan and deal with natural disasters (MTDP III, 7.3.15)	v. At least five provinces received support for climate and disaster risk planning	Q4 2018	Adaptation & Projects Division Mitigation & REDD+ Division

	vi. Climate and disaster risk management and technical capacity of PCCCS and District Administrations improved	Annually	
5. Support for improved access to safe (drinking) water, reliable and affordable sanitation and hygiene facilities (MTDP III 7.4)	vii. At least two WASH project proposals developed and funded	Q4 2019	Adaptation & Projects Division
Strategic Outcome 5 - Integrating Climate Change Information and Knowledge (MTDP III 7.1-7.4)			
Strategy 5.1 Establish an Information and Knowledge Management Advisory Committee to oversee, monitor and improve climate change information discoverability, accessibility and storage for PNG.			
1. Develop a strategic framework for climate change information and knowledge management (IKM)	i. Strategic Framework for climate change IKM developed and endorsed	2019	Information Communication Technology Branch, Corporate Services Division
2. Establish an Information and Knowledge Management Advisory Committee (IKMAC) to manage and oversee climate change information guided by the IKM strategic framework	ii. IKMAC established and meetings conducted quarterly and reported to the senior management team	Quarterly	Information Communication Technology Branch, Corporate Services Division
Strategy 5.2 Design and launch a live climate change portal for PNG using a cloud server and stakeholder-supported database inventory systems.			
1. Design a climate change portal guided by the strategic framework	i. Climate change portal designed and launched	Q4 2019	Information Communication Technology Branch, Corporate Services Division
2. Mobilize and secure resources for the climate change portal infrastructure (cloud server, database inventory system) from government, private sector and development partners	ii. Resource mobilization plan developed for maintenance of portal infrastructure and sustainability of climate change IKM	Q1 2020	Information Communication Technology Branch, Corporate Services Division (Project Management Unit (NDA)/ Coordination Unit (NDA)/

<p>3. Engage stakeholders (research institutions, agencies, private sector actors) to collect, store and share climate information</p>	<p>iii. Increased participation in sharing of climate information (including national, regional stakeholders)</p> <p>iv. Increase discoverability and accessibility of climate data and information amongst stakeholders in local, regional and international arena</p>	<p>2019</p> <p>2022</p>	<p>Climate Finance Unit) Adaptation & Projects Division National Communications Branch, MRV/NC Division</p> <p>Information Communication Technology Branch, Corporate Services Division (Project Management Coordination Unit (NDA))/ Climate Finance Unit) Adaptation & Projects Division National Communications Branch, MRV/NC Division</p>
<p>Strategy 5.3 Promote awareness and use of the climate change portal for CCDA and all relevant stakeholders.</p>			
<p>1. Promote awareness and use of the climate change portal for CCDA and all relevant stakeholders</p>	<p>i. CCDA Communications Strategy developed through consultative process</p> <p>ii. CCDA staff and stakeholders have access to climate change portal</p> <p>iii. Number of climate change portal visits is at least 200 per month</p>	<p>Q2 2019</p> <p>Q1 2019</p> <p>Annually</p>	<p>All divisions</p>



QUOTES

"As a responsible global citizen, PNG stands ready to build on the outcomes of COP 21 to help protect and save planet earth" -

Hon. John T. Pundari (High level Ministerial Dialogue, Paris, France 2015)

"What seemed to be the unthinkable has proved to be unstoppable"

Ban Ki-moon. UN Secretary General

"The Paris Agreement is like a canoe to the journey of Climate Resilience, lets ride this canoe carefully"

Enele Sopoaga, Prime Minister of Tuvalu

"The power of the Agreement is what it is going to do to unleash the private sector, the power lies in the opportunity that it will create"

John Kerry, US Secretary of State

"As the leader of the world's largest economy and the second largest emitter.....we embrace our responsibility to do something about it"

Barrack Obama, President of the USA



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