



The Republic of the Union of Myanmar

# Myanmar Climate Change Master Plan (2018 – 2030)

2019



## Acronyms

ADPC	Asian Disaster Preparedness Center
AF	Adaptation Fund
Agro-met	Agricultural meteorology
AIMs	Agricultural Information Management System
ARIs	Academic and Research Institutions
CBOs	Community Based Organizations
CDCs	City Development Committees
CFUG	Community Forestry User Group
CIF	Climate Investment Fund
Co-ops	Cooperatives
CSAS	Climate-smart Agriculture Strategy
CSOs	Civil Society Organizations
CTCN	Climate Technology Center and Network
DAR	Department of Agricultural Research
DFID	Department for International Development
DMH	Department of Meteorology and Hydrology
DOA	Department of Agriculture
DPs	Development Partners
DRD	Department of Rural Development
DRI	Department of Research and Innovation
DRR	Disaster Risk Reduction
DRR-WG	Disaster Risk Reduction Working Group
DZGD	Dry Zone Greening Department

ECD	Environmental Conservation Department
EIA	Environmental Impact Assessment
EMF	Environmental Management Fund
EU	European Union
FAO	Food and Agriculture Organization
FD	Forest Department
GAD	General Administration Department
GCF	Green Climate Fund
GDP	Gross Domestic Product
GEF	Global Environment Facility
GHGs	Greenhouse Gases
GIS	Geographic Information System
hydro-met	Hydrological Meteorology
IAs	International Associations
ICT	Information and Communications Technology
IEE	Initial Environmental Examination
IFIs	International Financial Institutions
IIED	International Institute for Environment and Development
INDC	Intended Nationally Determined Contribution
INGO	International Non-government Organization
IPCC	Intergovernmental Panel on Climate Change
IWUMD	Irrigation and Water Utilization Management Department
JICA	Japan International Cooperation Agency
LDCF	Least Developed Country Fund
LG	Local Government

MCCA	Myanmar Climate Change Alliance
MCCS	Myanmar Climate Change Strategy
MCDC	Mandalay City Development Committee
MERN	Myanmar Environment Rehabilitation Network
MES	Myanmar Engineering Society
MOALI	Ministry of Agriculture, Livestock and Irrigation
MOC	Ministry of Construction
MOE	Ministry of Education
MOEE	Ministry of Electricity and Energy
MOHA	Ministry of Home Affairs
MOHS	Ministry of Health and Sports
MOHT	Ministry of Hotels and Tourism
MOI	Ministry of Industry
MOIN	Ministry of Information
MONREC	Ministry of Natural Resources and Environmental Conservation
MOPF	Ministry of Planning and Finance
MOSWRR	Ministry of Social Welfare, Relief and Resettlement
MOTC	Ministry of Transportation and Communication
NAP	National Adaptation Plan
NDMC	National Disaster Management Committee
NECCCCC	National Environmental Conservation and Climate Change Central Committee
NEMC	National Electricity Management Committee
NEP	National Environmental Policy
NGOs	Non-governmental organisations
NORAD	Norwegian Agency for Development Cooperation

NPTDC	Nay Pyi Taw Development Committee
NWMC	National Water Management Committee
PPP	Public Private Partnership
PS	Private Sector
PSC	Programme Steering Committee
REDD, REDD+	Reducing Emissions from Deforestation and Forest Degradation
RIMES	Regional Integrated Multi-Hazards Early Warning System for Africa and Asia
RRD	Rescue and Rehabilitation Department
SAP	Strategic Action Plan
SCCF	Special Climate Change Fund
SEA	Strategic Environmental Assessment
SIA	Social Impact Assessment
SWM	Soil and Water Management
TWG	Technical Working Group
UMFCCI	Union of Myanmar Federation of Chambers of Commerce and Industry
UN	United Nations
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme (UN Environment)
UNFCCC	United Nations Framework Convention on Climate Change
UN-Habitat	United Nations Human Settlements Programme
UNICEF	United Nations International Children's Emergency Fund
UNIDO	United Nations Industrial Development Organization
YCDC	Yangon City Development Committee

## Foreword

Myanmar aims to achieve a healthy and happy society that is able to resist changes in climate regimes and whose economic development will be implemented through integrated low carbon approaches by 2030. The Myanmar Climate Change Master Plan (2018–2030) has been formulated and adopted with the view toward mainstreaming a series of prioritized sectoral short, medium and long term actions identified in the Myanmar Climate Change Policy and Strategy.

The Myanmar Climate Change Master Plan (2018–2030) showcases the result of extensive in-depth sectoral consultations and bilateral discussions by line ministerial departments and enterprises, city development committees, research and academia, private and non-governmental organizations, civil-society organizations, development partners from national and international agencies, experts, technical working groups of Myanmar Climate Change Alliance (MCCA) as well as comments from relevant sub-national stakeholders.

The Myanmar Climate Change Master Plan (2018–2030) clearly defines a series of high-priority activities, their respective strategic indicators, and the responsibilities of involved stakeholders across six specific sectors prioritized in Myanmar Climate Change Strategy defined as: *“climate-smart agriculture, fisheries and livestock for food security, sustainable management of natural resources for healthy ecosystems, resilient and low-carbon energy, transport and industrial systems for sustainable growth, building resilient, inclusive and sustainable cities and towns in Myanmar, managing climate risks for people’s health and well-being, and building a resilient Myanmar society through education, science and technology”*.

The Environmental Conservation Department (ECD) has great confidence that this master plan will provide a guiding roadmap for proactive sectoral preparedness in tailoring and scaling down the responses needed to address annual climate-induced natural disasters facing with Myanmar as well as stimulating opportunities for long term economic development along low carbon pathways. In addition, this Master Plan serves as an operationalizing framework for ensuring Myanmar’s achievement of its Nationally Determined Contributions (NDC) to the 2015 Global Climate Change Paris Agreement.

As a national cross-sectoral framework, ECD strongly urges all ministerial and sub-national governments, and investments from private and public organizations to incorporate the Myanmar Climate Change Master Plan (2018-2030) objectives and targets, and necessary budgetary allocations within their respective short and long term development plans, aligning with the specific targets set for 2020, 2025 and 2030. In addition, ECD strongly encourages private sector and development partners to support the government through develop its capacity in terms of technology, finance and human resources.

ECD would like to express its gratitude to the many departments, technical working groups, experts from national and international organizations, non-governmental organizations, civil societies, and private citizens who have contributions to the formulation of this guiding framework, the Myanmar Climate Change Master Plan (2018-2030).

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