

Climate Change Policy of the Kingdom of Bhutan 2018

Action Plan, Draft of December 2017

Action Plan based on policy statements and measures:

#	Statement	Measures	Actions	Responsible Agency (Lead + Collaborator) include National and Local Level	Timeline
	<p><i>The RGOB shall take appropriate measures to maintain the carbon neutral status of Bhutan towards ensuring ‘ecologically balanced sustainable development while promoting justifiable economic and social development’ by pursuing a low GHG emissions development pathway.</i></p>	<p>a. Manage and conserve the carbon sink in forests and soils to maintain carbon neutral status.</p>	<ol style="list-style-type: none"> 1. REDD+ and Forest Management 2. Setting National Forest Reference Emission Level. 3. National Forest Inventory 4. Land management 5. Organic Farming 	<p>MoAF NEC LGs GNHC MoE</p>	
		<p>b. Pursue transformative actions and approaches to decouple GHG emissions from economic growth through integration of higher value chains in manufacturing, improved efficiency in resource and energy use, and economic and energy diversification while contributing towards building economic resilience and energy security.</p>	<ol style="list-style-type: none"> 1. Develop Longterm GHG Emission Development Strategy (LGEDS) as per the Paris Agreement 2. Sectoral Low Emission Development Strategy (LEDS) to be developed for all major sectors 3. Private sector engagement ... how? [Engagement can be in the form of awareness, incentives and opportunities to work together with the public sector.] 4. Conduct socio-economic analysis of mitigation actions in Nationally Determined Contributions. 5. Implement actions under NDCs. 6. Implement Sectoral LEDS (Transport and Industries) and Nationally Appropriate Mitigation Action (NAMA) for Transport, Housing and Energy that has already been developed 7. Actions under Vehicle Emissions Road Map implemented. 8. Waste management 	<p>NECS GNHC MoWHS MoEA MoAF MFA BCCI MoIC Thromdes CSOs Pvt Sector Associations</p>	<p>2.1 LGEDS by 2020 2.2 LEDS for Transport, Industry and Human Settlement completed 2.3 Private sector involved in formulation of above LEDS 2.4 ongoing</p>

<p>c. Fulfill relevant obligations on mitigation under the UNFCCC and Paris Agreement in line with national priorities and processes, including preparing periodic Nationally Determined Contributions to prioritize mitigation actions across relevant sectors</p>	<ol style="list-style-type: none"> 1. Prepare periodic Nationally Determined Contributions to inform development of subsequent FYPs (in line Article 6 of Paris Agreement) 2. Obligations for reporting under Article 13 of Paris Agreement, BUR 	<p>All Government and Private sectors</p>	<p>3.1 first NDC submitted second due by 2020 and to be submitted after every five years 3.2 TNC and BUR submitted by 2020</p>
<p>d. Utilize relevant mechanisms under the Paris Agreement such as ‘cooperative approaches’ the ‘mechanism for mitigation and sustainable development’, “framework for non-market approaches to sustainable development” to contribute to the goal of remaining carbon neutral.</p>	<ol style="list-style-type: none"> 1. Examine and study potential of the mechanisms 2. Identify priority and potential actions for subsequent participation in such mechanisms 3. Assess and determine a national emission baseline for participation in market mechanisms 	<p>MOEA MFA MOAF MOWHS MOF GNHC Financial Institutions Hydropower Authority CSOs Private Sectors</p>	
<p>e. [How should credits generated from carbon projects be shared?] Emission reduction credits generated from various activities shall be allocated equitably based on (a) share of investment (ultimately who pays), or (b) existing mechanism/arrangement (50-50), or (c) mutually agreed arrangements and X% will be levied by the government to cover administrative and transaction cost and contributions to national climate funds.</p>	<p>1 Review grid emission factors in to determine the impact on baseline emissions and the emission reduction potential for participation in the "Mechanism"</p>	<p>MOEA Hydropower Authority DHPS MFA MOF GNHC</p>	

2	<p><i>RGOB shall take measures to protect the lives, livelihoods and happiness of the people of Bhutan from the adverse impacts of climate change by building adaptive capacity and resilience to reduce vulnerability and by integrating adaptation actions into the development planning process at all levels.</i></p>	<p>a. Ensure a continuous, progressive and iterative process to assess the vulnerability and adaptation needs across all sectors and levels in Bhutan through the National Adaptation Plan process.</p>	<ol style="list-style-type: none"> 1. Conduct periodic vulnerability & adaptation assessments and prepare National Adaptation Plans including support needs under the “process to formulate and implement National Adaptation Plans” (including all relevant sectors) 2. Prepare periodic local adaptation plans including support needs. 3. Implement National and Local Adaptation Plans 4. Develop socio-economic scenarios that include macroeconomic modeling at the national and local level to inform V&A and CC risk assessment. 	<p>Government Sectors LGs CSOs</p>	
		<p>b. Promote the integration of climate change adaptation planning and implementation of adaptation actions into national and local level plans through government budget allocations.</p>	<ol style="list-style-type: none"> 1. Issue directives/guidelines for integrating CCA into national, sector and local plans including the Five Year Plans, and AWP/APA 2. Develop and issues guidelines for budget allocation for CCA for national, sectoral and local levels. 	<p>2.1 Cabinet + GNHC + NEC+MOF 2.2 DLG+GNHC+NEC+MOF 2.3 MOF + GNHC + NEC</p>	
		<p>c. Enhance the information and knowledge system to support a long-term, iterative process of adaptation planning and implementation.</p>	<ol style="list-style-type: none"> 1. Build data and knowledge management system for adaptation planning and implementation including climate information services, 2. Assess the implication of ‘loss and damage’ for Bhutan and follow up action as necessary 	<p>3.1 NCHM + NEC + Academia Inst. 3.2 NEC</p>	
		<p>d. Fulfill relevant obligations on adaptation under the Paris Agreement in line with national priorities and processes.</p>	<ol style="list-style-type: none"> 1. Adaptation communication to convey priorities, implementation and support and needs, plans and actions (in line with Article 7.10 & 7.11) 2. Report on support received and as per Article 13. 	<p>All Government and Private sectors</p>	<p>4.1 Adaptation communication to be submitted every five years 4.2 Report on support received to be submitted in TNC and BUR by 2020</p>

	<p><i>RGOB shall strive to ensure adequate means of implementation to support both mitigation and adaptation actions (through finance, technology, capacity building, research and awareness) from a variety of national and international sources.</i></p>	<p>a. Ensure a coherent and coordinated nationally driven approach to accessing climate finance for prioritized climate actions, from international climate funds, development partner and donors to supplement support for sustainable development activities including as a part of or in support of a national resource mobilization strategy.</p>	<ol style="list-style-type: none"> 1. Develop a climate finance mobilization strategy based on national climate change priorities such as NDC, NAP, LEDS, NAMA, and including potential market mechanism under Article 6 of the Paris Agreement 2. Enhance and strengthen national institutional arrangements for <i>mobilization</i> of international climate finance based on relevant mandates and policies. 3. Enhance and strengthen national institutional arrangements for <i>access</i> of international climate finance based on relevant mandates and policies. 4. Develop a climate finance tracking system to monitor and assess flows of financing from international and national sources towards climate action and budget allocations at national and local level. 5. Access support from relevant international support mechanisms for transparency in tracking support for climate actions such as CBIT and other provisions. 	<p>1.1 GNHC + NEC + MoF 1.2 GNHC + MoF 1.3 NEC + Sectors</p>	
		<p>b. Ensure sufficient budget allocation for prioritized climate change activities from various sources including from national budgets, funds and other domestic contributions for climate change action.</p>	<ol style="list-style-type: none"> 1. Develop a strategy to upscale national budget allocations for national climate actions 2. Develop a strategy to support national trust funds to mobilise and finance climate change finance. 3 Encourage and Promote corporate social responsibility on private sector to finance local level CC actions 4. Develop guidelines/ issue directives for budget allocation for climate action at national and local level planning including through “performance based financing” (LoCAL). 	<p>2.1 GNHC + MoF 2.2 GNHC + MoF 2.3 GNHC + MoF + NEC + Private Sector Authority 2.4 MoF + GNHC + DLG</p>	<p>GNHC developing resource mobilization plan</p>

<p>c. Support and promote private sector investment in climate change action in line with applicable national laws and support from international mechanisms available for private sector action on climate change including Public Private Partnership (PPP Policy) and climate change funds.</p>	<ol style="list-style-type: none"> 1. Assess opportunities and challenges for private sector participation in climate change action 2. Assess and develop a mechanism for supporting private sector investment in climate change mitigation and adaptation to channel international support for private sector (GCF, IFC, etc) 3. Establish institutional arrangements for access of international climate finance by the private sector. 	<p>MoF + NEC + BCCI + GNHC + Financial Institutions + Private Sectors</p>	
<p>d. Promote the identification and transfer of appropriate technologies to support mitigation and adaptation action in Bhutan through the technology mechanism of the UNFCCC and the Paris Agreement.</p>	<ol style="list-style-type: none"> 1. Conduct TNA on NDC and NAPs 2. Establish Technology forum and network amongst international and local technology suppliers for technology transfer 	<p>BCCI Research and Academic Institutions International Partners NECS</p>	
<p>e. Promote innovation and development of traditional, indigenous and endogenous climate technologies</p>	<ol style="list-style-type: none"> 1. Local network of research and innovation partners for climate technologies including research, CSO and private institutions (eg. through research grant) 2. Create enabling environment (awareness, financial support, etc.) to encourage local innovations of relevant climate technologies (incubator) and upscaling of traditional indigenous and endogenous climate technologies 	<p>Research and Academic Institutions CSOs MoHCA/LGs</p>	

<p>f. Enhance the capacity of all relevant stakeholders and institutions including the local governments and beneficiaries to address climate change, including through relevant national training institutions.</p>	<ol style="list-style-type: none"> 1. Assess capacity needs and develop a capacity building strategy for climate change actions. 2. Provide appropriate capacity building (trainings & HR) for planning and implementation of CC actions at all levels on a continuous basis; 3. TOT and trainings through in-country? institutions. 4. Appoint CC focal points in sectors and local government. 5. Establish Apprenticeship program for CC actions. 6. Build capacity of the local government functionaries for enhanced implementation of CC actions on the ground 7. Integrate climate change into school curriculum 8. Build capacity of teachers and students and support for CC actions. 	<p>MoLHR BCCI Private Sectors RCSC NGOs/MoE/MoH/RUB/REC</p>	
<p>g. Ensure a coherent and coordinated process to access support from international mechanism for climate change capacity building.</p>	<ol style="list-style-type: none"> 1. Develop a national strategy for capacity building and accessing capacity building support from international finance mechanism in a coherent and coordinated manner. 2. Implement capacity building activities as per the national strategy 	<p>NECS/MOLHR/Academic institutions/RCSC/</p>	

<p>h. Ensure informed decision making on climate change action through enhanced support for research, data collection and knowledge management by relevant national research institutions and organizations.</p>	<ol style="list-style-type: none"> 1. Prioritise research areas for CC action 2. Establish support mechanism for research on CC issues (collaborative network, funds) 3. Provide outlet for results of CC research (network, forums etc) for application and use by decision makers and practitioners of CC adaptation and mitigation 4. Invest in monitoring and data collection of weather, climate, hydrology and cryosphere to generate the best available scientific information. 5. Promote collaboration with international organizations like WMO, IPCC in line with national priorities and processes for exchange of climate information for understanding of climate 6. Promote research and development study in understanding the weather, climate and its interaction with water resources and environments and associated risks. 7. Enhance information, knowledge and understanding of state of the climate to support long-term development planning, implementation of climate change adaptation and mitigation measures. 	<p>NCHM NEC Research and Academic institutions</p>	
<p>i. Increase public awareness and understanding on climate change at all levels through education and outreach programs including through use of print, broadcast and online media</p>	<ol style="list-style-type: none"> 1. Conduct CC awareness campaign through AV programs, print, online and broadcast, special events 2. Integrate CC into Education curriculum etc. 3. Identify and support national and local champions for climate change actions. 4. Information management and dissemination through, online systems, such as web portal and environmental information systems. 	<p>Media NECS REC NSB</p>	

4	<p><i>RGOB shall ensure an effective, efficient and coordinated national approach for implementing climate change action by avoiding duplication of efforts and promoting synergies through active collaboration and guidance.</i></p>	<p>a. Avoid and reduce duplication of efforts in formulation and implementation of climate change plans and programs through active collaboration among relevant agencies and stakeholders in line with respective mandates, roles and responsibilities.</p>	<ol style="list-style-type: none"> 1. Regular sharing of information on CC actions and programs using online platforms (to be developed under awareness program above) and forums/meetings 2. Regular functioning of C4 as per respective mandates to ensure coherence and coordination of CC actions. 3. Consideration of CC issues as a regular item of NEC in it's capacity as NCCC. 	<p>C4 NECS NEC GNHC</p>	
		<p>b. Promote synergies and collaboration across different legislation, policies, programs actions and thematic issues for effective use of resources for climate change action.</p>	<ol style="list-style-type: none"> 1. Review other policies of the RGOB and address potential conflicts in CC action with other policy actions: (eg. <ol style="list-style-type: none"> i. Loophole in vehicle quota vs. EV incentives, ii. Electricity subsidies & wood subsidies vs LPG distribution iii. Intensifying agriculture/livestock and increase in GHG emissions) 2. Identify opportunities for integration of CC actions and SDGs. 3. Review other policies of the RGOB and address potential conflicts in CC action with other policy actions: (eg. <ol style="list-style-type: none"> i. Loophole in vehicle quota vs. EV incentives, ii. Electricity subsidies & wood subsidies vs LPG distribution iii. Intensifying agriculture/livestock and increase in GHG emissions) 	<p>NEC MOAF GNHC MOF BPC MOEA NCHM MoHCA</p>	
		<p>c. Develop guidance and tools for assessing, planning, integrating and implementing adaptation and mitigation measures at all levels and taking into account opportunities for synergies and cross-cutting issues, including gender and disaster risk management.</p>	<ol style="list-style-type: none"> 1. Develop guidelines on CC planning and integration tools 	<p>NECS GNHC NCWC MoF LGs MoHCA</p>	

	d. Provide strategic guidance for meaningful engagement at international and regional forums	<ol style="list-style-type: none"> 1. Institute national negotiating team and expert groups 2. Develop strategy for meaningful engagement at international and regional forum 	NECS C4	
--	--	---	------------	--