

## ANNEX 1

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### **Develop the Request for Climate Change Enabling Activity for GEF Support, and FNC-TBUR Project Document in UNDP template**

24 October 2017  
9.30 – 12.00pm @ ONEP Office

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To assist the Thai Government in the preparation of its Forth National Communication (FNC) and Third Biennial Update Report (TBUR) for the implementation of the obligation under the UNFCCC

#### **The scope of UNDP work**

- Consultation with ONEP's OCCC and UNDP on the key issues to be included in the FNC-TBUR proposal and project document;
- Review the NCs, BURs and related documents to identify gaps and needs to be included in the FNC and TBUR;
- Write-up the project proposal and project document;
- Coordinate with UNDP's NCSP to ensure that the quality of project proposal and project document is up to GEF and UNDP standard.

#### **1. Situation Analysis**

##### **1.1 National Communication**

A national communication is a report that each Party to the Convention prepares periodically in accordance with the guidelines developed and adopted by the Conference of the Parties (COP). Specifically, a national communication is a commitment of each Party (in accordance with Article 12, paragraph 1, of the Convention) to provide the following elements of information to the Conference of the Parties, as set out in Article 4, paragraph 1, of the Convention:

- a) A national inventory of anthropogenic emissions by sources and removals by sinks of all greenhouse gases not controlled by the Montreal Protocol, to the extent its capacities permit, using comparable methodologies to be promoted and agreed upon by the Conference of the Parties;
- b) A general description of steps taken or envisaged by the Party to implement the Convention;
- c) Any other information that the non-Annex I Party considers relevant to the achievement of the objectives of the Convention and suitable for inclusion in its communication, including, if feasible, material relevant for calculations of global emission trends.

**The main aim of the national communications is to fulfill the obligations of the Parties under the Convention, it also provides a Party with an opportunity to present information on national programmes, policies and plans, as well as using the information to develop projects addressing climate change and facilitating adequate adaptation to climate change, either at the national or sectoral level. Thus, national communications can be considered to be national planning documents that address critical climate change**

issues at a national level, and which have the potential to attract financial resources to support the implementation of the Convention.<sup>1</sup>

### 1.2 Main Element of Information

Guidelines for the preparation of initial NCs from non-Annex I Parties were adopted at COP 2 in Geneva in 1996. COP 5 (Bonn, 1999) initiated a process of reviewing the guidelines, with the aim of improving them. Parties adopted revised guidelines as of decision 17/CP.8. COP 17 adopted the guidelines for the preparation of BURs from non-Annex I Parties contained in annex III of decision 2/CP.17. Parties that may wish to do so, to use elements from the guidelines for the preparation of national communications from Parties included in Annex I to the Convention, when preparing their national communications;

National Communication (NC)	Biennial Update Report (BUR)
National Circumstances	Information on National Circumstances and Institutional Arrangements
National GHG Inventory	National GHG Inventory
Programs containing measures to mitigate climate change	<ul style="list-style-type: none"> <li>Information on mitigation Actions and their Effects – methodologies and assumptions</li> <li>Information on domestic Measurement Reporting and Verification (MRV)</li> </ul>
Programmes containing measures to facilitate adequate adaptation to climate change	
Constraints and gaps and related financial, technical capacity needs	Constraints and gaps and related financial, technical capacity needs
Other Information Considered Relevant to the Achievement of the Convention <ul style="list-style-type: none"> <li>Transfer of technologies</li> <li>Research and systematic observation</li> <li>Education, training and public awareness</li> <li>Capacity-building</li> <li>Information and networking</li> </ul>	Other relevant information

## 2. New areas to be consider for FNC and TBUR

Thailand's National Reports Submit to the UNFCCC

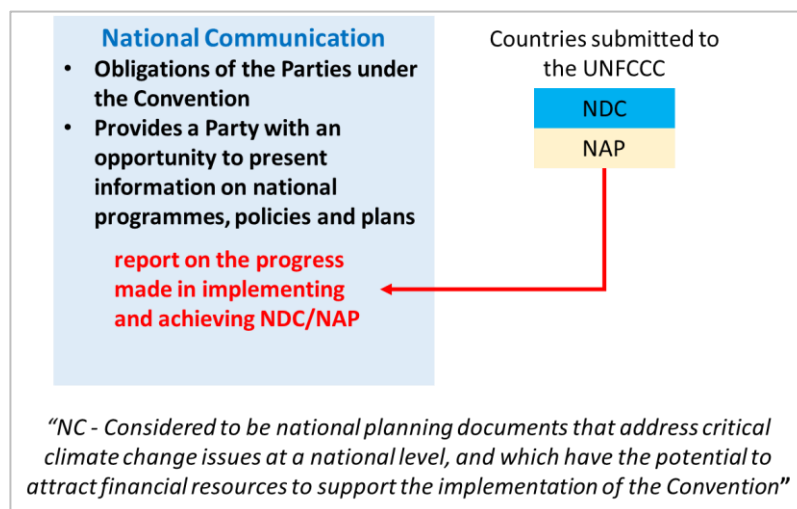
2017	2018	2019	2020	2021	2022
BUR2	NC3	BUR3		BUR4	NC4
Implementation of NAMA Preparation for NDC Implementation				Implementation of NDC	
NAP approval and implementations from 2018					
	CMA1 adopt MPG Transparency Framework				

<sup>1</sup> UNFCCC Resource Guide for Preparing the National Communications of Non-Annex I Parties Module 1

	under Paris Agreement				
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## 2.1 Synergize Thailand climate change implementations toward national policy and plan

- Tackle Climate Change Implementation;
  - Preparation and Implementation of NDC, NAP, GCF, REDD+, and others
- Identify support needs and gaps in achieving NDC, NAP, and others



## 2.2 Transition to IPCC Guideline 2006 and TGEIS

- Capacity for In-house expert and stakeholders
- Stakeholder engagement and consultation
- Reviews/studies; data availability, data sources, data quality improvement
- Roles of sector experts

## 2.3 Capacity to apply new international requirements or guidelines

- COP21 mandated the APA to develop recommendations for modalities, procedures and guidelines in accordance with Article 13.13 of the Agreement, and to define the year of their first and subsequent review and update, as appropriate, at regular intervals, **for consideration by COP 24, with a view to forwarding them to CMA1 for consideration and adoption.**

### Tracking progress towards NDCs

- Each Party shall regularly provide (a) a national inventory report and (b) information necessary to track progress made in implementing its NDC (Article 13.7)
- Good practice methodologies for GHG inventories to be accepted by the IPCC and agreed by the CMA (Article 13.7)

### Review and consideration

- Information submitted by each Party shall undergo a technical expert review. For those developing country Parties that need it, the review process shall include assistance in identifying capacity-building needs. Each Party shall participate in a facilitative, multilateral consideration of progress on, inter alia, implementation and achievement of its NDC.

### 3. Draft Project Framework

Draft Outcome	Report Topic	End of the Project	New Areas / Note
<u>Outcome 1</u> Review and update of the national circumstances and institutional arrangements pertinent to preparation of the forth national communications and the third biennial update reports.	<ul style="list-style-type: none"> <li>- National circumstances</li> <li>- Institutional arrangement</li> </ul>	1.1 Updated information on national circumstances concerning the physical, socioeconomic, and other relevant information. 1.2 A chapter on National Circumstances and Institutional arrangement for TBUR and FNC.	
<u>Outcome 2</u> National Greenhouse Gases Inventory (GHGI) report for the period 2014 – 2017 and improvement of GHG inventory system	<ul style="list-style-type: none"> <li>- National GHG Inventory</li> </ul>	2.1 National GHG inventory chapter on GHG Inventory as a part of TBUR and FTNC. 2.2 Carry out greenhouse gas emission calculation as per IPCC 2006 guidelines for the four key thematic areas of emissions for period 2014 to 2017. 2.3 National emission factors for key source categories updated 2.4 Analysis needs and constrains in using TGEIS in GHG estimation with a view of improvement. 2.5 National inventory database and achieving system is established under TGEIS	Transition to IPCC Guideline 2006 and TGEIS <ul style="list-style-type: none"> <li>- ต้องการ การศึกษา การทบทวนหรือการประเมินความพร้อม เพื่อเตรียมการใช้งานคู่มือ IPCC 2006 หรือ TGEIS หรือไม่ เช่น methodology หรือ assumption ในการประเมิน Fgases</li> <li>- ต้องการทบทวนการศึกษาเพื่อ update emission factor หรือไม่</li> <li>- ต้องการกระบวนการทำความเข้าใจหรือหารือกับหน่วยงานหรือไม่</li> <li>- การนำ TGEIS มาใช้จะเริ่มปีไหน และสาขาไหน</li> <li>- บทบาทของ external experts จะเป็นอย่างไร</li> </ul>
<u>Outcome 3</u> Climate Change Mitigation and MRV	<ul style="list-style-type: none"> <li>- Mitigation actions and efforts</li> <li>- Progress towards mitigation contribution</li> <li>- Domestic MRV</li> </ul>	3.1 Report assessing GHG mitigation policies and measures implemented NAMA between 2015 and 2020 at National and local levels and progress in compliance with NDC targets. 3.2 Potential for greenhouse gas emission reduction paths updated, mapped out and set a recommendation proposed on of policy framework in accordance to NDC. 3.3 Report progressing on the NDC preparation and implementation.	Synergize and Tackle Climate Change Implementation; Mitigation <ul style="list-style-type: none"> <li>- ศึกษา/ติดตามความก้าวหน้า NAMA พร้อมทั้งประเมิน/ศึกษาผลของ NAMA ที่จะเกิดขึ้นต่อเนื่องไปภายหลังปี ค.ศ. 2020 (NDC) ?</li> </ul>
<u>Outcome 4</u> Improved V&A assessment approaches and management to deal with risks of climate change, climate variability and extreme weather events	<ul style="list-style-type: none"> <li>- Adaptation and vulnerability</li> </ul>	4.1 Report assessing adaptation policies and measures implemented between 2015 and 2020 at National and local levels and progress in compliance with NDC targets. 4.2 Assessment/Study of vulnerability and adaptation options to address climate change, variability and extreme events for the XXX Sector. [TNC - Vulnerability assessment 4 sectors: (1) water resources; (2) agriculture; (3) human settlement; and (4)	Synergize and Tackle Climate Change Implementation; Adaptation <ul style="list-style-type: none"> <li>- ประเมินความก้าวหน้าและประมวลผลการดำเนินงานของประเทศไทยด้านการปรับตัวต่อการเปลี่ยนแปลงสภาพภูมิอากาศ ว่าสอดคล้องกับ NDC Adaptation หรือไม่</li> <li>- ศึกษาความประะบบง/ผลกระทบฯ ในสาขาที่ซึ่งขาดข้อมูล (หากต้องการ)</li> <li>- ศึกษา/ประเมินแนวทางการกำหนดโครงสร้างเชิงสถาบันหรือกำหนด</li> </ul>

Draft Outcome	Report Topic	End of the Project	New Areas / Note
		health] 4.3 Potential Institutional Arrangements and actors for Adaptation M&E.(Input to component 1)	หน่วยงานรับผิดชอบ (หากต้องการ)
<p><u>Outcome 5</u> Analysis and improve national capacity to meet the international requirement and assessment on the needs and constraints relating to financial, technical and capacity gaps with the assistance of bilateral and multilateral organizations.</p>	<ul style="list-style-type: none"> <li>- Means of implementation</li> <li>- Education, training and public awareness</li> <li>- Other information</li> </ul>	<p>5.1 A chapter on other information for BUR and TNC. 5.2 A chapter on constraints and gaps related to financial, technical and capacity in addressing climate change for BUR and TNC. 5.3 Elaboration on the resources provided for capacity building including details on collaboration and synergy existing climate change activities between the various entities. 5.4 Training on any new reporting guideline and any new MPGs for transparency system, policy impact assessment, methodologies for tracking NDC will be organized.</p>	<p><b>Synergize and Tackle Climate Change Implementation; MOI</b></p> <ul style="list-style-type: none"> <li>- ร่วมกับหน่วยงานอื่น ๆ ประเมินการดำเนินงานด้านการเปลี่ยนแปลงสภาพภูมิอากาศ ว่าเพียงพอและสอดคล้องกับนโยบาย/แผนที่ได้กำหนดไว้หรือไม่ เช่น การดำเนินงานทางเทคโนโลยี การเสริมสร้างศักยภาพและการสร้างความตระหนัก งานวิจัย หรือระบุข้อจำกัดและแนวทางการร่วมมือและการสนับสนุน</li> <li>- ร่วมกับหน่วยงานอื่น ๆ ประเมินความสำเร็จของประเทศไทยในการดำเนินงานที่เกี่ยวข้องกับการเปลี่ยนแปลงสภาพภูมิอากาศ โดยจะเป็นข้อมูลการดำเนินงานที่ประเทศไทยอาจจะให้การสนับสนุนแต่ประเทศอื่น ๆ ได้</li> <li>- ประเมินการรับการสนับสนุนจากต่างประเทศว่าตรงกับความต้องการของประเทศหรือไม่ และการสนับสนุนเกิดประสิทธิภาพสูงสุดต่อไปประเทศหรือไม่ โดยข้อมูลดังกล่าวจะเป็นนำไปสู่การรับการสนับสนุนของประเทศต่อไป (Transparency of support)</li> </ul> <p><b>Capacity to apply new international requirements or guidelines</b></p> <ul style="list-style-type: none"> <li>- กำหนดให้มีการอบรมแก่ stakeholder เพื่อสร้างความเข้าใจหรือแนวทางการจัดทำรายงานแห่งชาติ ทั้ง วิธีการ รูปแบบ methodologies ใหม่ที่ประเทศต้องนำมาใช้เพื่อให้การรายงานเป็นไปตามมาตรฐานสากล</li> </ul>
<p><u>Outcome 6</u> Production of the Third Biennial Updated Report and Fourth National Communication; and Monitoring and Evaluation</p>		<p>6.1.TBUR and FNC produced, edited, reviewed and translated, published and submitted to the UNFCCC Secretariat. 6.2 The Fourth National Communication and the Third Biennial Update Report have been published and presented to the UNFCCC (<u>Review process</u>), national stakeholders and decision makers.</p>	

#### 4. Key Deliverable and Timelines – Work plan

<b>Task(s)</b>	<b>Completion date</b>
1. Desk review; Overview of key documents and guideline in developing National Communications and Biennial Update Reports	21 October 2017
2. Preparation of a consultation paper	23 October 2017
3. First Consultation with ONEP's OCCC and UNDP	24 October 2017
4. Review the NCs, BURs and related documents to identify gaps and needs to be included in the FNC and TBUR	31 October 2017
5. Second Consultation with ONEP's OCCC and UNDP	30 November 2017
6. Submission of the first draft of the project proposal and project document	8 December 2017
7. Third Consultation with ONEP's OCCC and UNDP	15 December 2017
8. Submission of the final draft of the project proposal and project document	25 December 2017