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Ghana’s National Circumstances

- Service-sector led economy. Industry and Agriculture contribute to the rest of the economy output.
- Lower middle income with GDP/capita of ~1,605 US Dollars in 2012.
- Average annual GDP growth of 5.8% between 2001 and 2013.
- Exporter of Crude Oil, Gold, cocoa, timber, tuna, bauxite, manganese ore, diamonds.
- Commercial oil production started in late 2010. Emerging oil and gas economy.
- 25.4 million People with one of the highest population growth rates (~2.4% per year) in the sub-region.
- Cost of environmental degradation is estimate 9.3% of GDP.
- Tropical weather. Continues to get warmer whereas rainfall remains uncertain.
- Total national emissions of 33.7 MtCO$_2$e in 2012. AFOLU and Energy sectors are two largest sources.
- Commitment to going green within the context of sustainable development.
- Signed and ratified the Kyoto Protocol and UNFCCC Convention.
- Prepared National Climate Change Policy.
Policy and Institutional processes

- Climate Change Committee
- Vulnerability Assessment
- 1st, 2nd, 3rd National Communication
- National Climate Change Adaptation Strategy
- Technology Needs Assessment
- Green Economy Strategy 2014
- National Climate Change Policy
- Climate Change Master Plan (CC strategy)
- iNDC?
The National Climate Change Policy (NCCP) is to provide strategic direction and co-ordinate issues of climate change in Ghana.

It surpasses ‘traditional’ climate change policy areas of adaptation and mitigation, and emphasises that social development is of key concern and therefore cuts across sectoral areas.

The three main objectives of the NCCP are:
1. Effective adaptation
2. Social development
3. Mitigation

4-thematic areas that will drive adaptation strategies are:
• Energy and Infrastructure
• Natural Resource Management
• Agriculture and Food Security
• Disaster Preparedness and Response

Means of implementation
• 9 systematic pillars for implementation
Ghana’s INDC

- One of the major decisions of the 20th Conference of Parties (COP) of the United Nations Framework Convention on Climate Change (UNFCCC) was Intended Nationally Determined Contributions (INDCs)

- While basic directions on areas for the INDC were provided in the COP decision at Lima, for the most part remains an open ended decision left to individual countries;

- Especially, parties who are in a position to do so, - could submit their Contributions by the first quarter of 2015 or June
  - by 1 October, 2015 among others
General Guidelines for Preparation of INDC

1. Quantifiable information based on a reference point (including a base year);
2. Time frames and/or periods for implementation;
3. Scope and coverage (implying gases and sectors);
4. Planning processes (to oversee the fulfilment of INDCs);
5. Assumptions and methodological approaches, including those for estimating and accounting of GHGs
6. Fair and ambitious considerations in the light of national circumstances, and
7. Towards achieving the objective set out in Article 2 of the Convention (prevent dangerous anthropogenic interference in the climate system)
The National Agenda

To prepare a technically sound, economic feasible and politically acceptable INDC for Ghana by:

(a) defining economy-wide objectives;
(b) formulating strategies for achieving the set objectives;
(c) identifying means of implementation,
(d) establishing system for monitoring and tracking the progress; and
(e) assessing the overall socio-economic cost to developments;

INDC = an efficient vehicle for attaining long-term emission reduction and adaptation objectives
Phase 1
Prepare and submit Ghana’s INDC to the UNFCCC within the stipulated time;

Phase 2
Formulate a national action plan to guide implementation of the strategies that would be identified in the INDC for 2020
# Plan National Agenda for Phase 1

## 1. Staging

<table>
<thead>
<tr>
<th>Activities</th>
<th>Responsibility</th>
<th>Projected Time due</th>
<th>Anticipated Time due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation of the National Agenda</td>
<td>EPA &amp; MESTI</td>
<td>Beginning of March</td>
<td></td>
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<tr>
<td>Conduct informal brainstorming</td>
<td>EPA, MESTI</td>
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<tr>
<td>- Formation of working group team,</td>
<td>EPA /MESTI</td>
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<tr>
<td>- set out TOR and activity plan</td>
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<tr>
<td>Initiate high-level consultation</td>
<td>DPs, MPs/ Ministers</td>
<td>Middle of March</td>
<td>Middle of April</td>
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<tr>
<td>Initiate low-level consultation/Sector /area specific/Inception workshop/</td>
<td>EPA /MESTI</td>
<td>From Mid-May</td>
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<td>Awareness creation/sensitization campaign</td>
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<tr>
<td>Discussions with working groups</td>
<td>MDAs, Academia,</td>
<td>Beginning of April</td>
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<td></td>
<td>Research</td>
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<td></td>
<td>Institutions, Private sector, CSOs</td>
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Refine our national agenda
<table>
<thead>
<tr>
<th>Activities</th>
<th>Responsibility</th>
<th>Projected Time due</th>
<th>Anticipated Time due</th>
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</thead>
<tbody>
<tr>
<td>Prepare option paper on means of implementation and implications of strategic choices</td>
<td>INDC Team</td>
<td>Middle of April</td>
<td>End of May?</td>
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<tr>
<td>Prepare option paper on adaptation contribution</td>
<td>INDC Team</td>
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<tr>
<td>Prepare option paper on mitigation contribution</td>
<td>INDC Team</td>
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**Prepare 2 option papers**

1. Mitigation- synergy - processes  
2. Adaptation- synergy - processes
## Plan Agenda
### Consultation & Policy Disclosure

<table>
<thead>
<tr>
<th>Consultation</th>
<th>Political consultation</th>
<th>District Assemblies/DCEs, MPs, <strong>ENRAC</strong></th>
<th>Middle of July</th>
<th>Middle of September</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical consultation</td>
<td></td>
<td>MDAs/MMDAs, CSIR, Academia,</td>
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<tr>
<td>Conduct other stakeholder</td>
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<td>Civil society, private sector, DPs</td>
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<td>consultations</td>
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<tr>
<th>Policy disclosure</th>
<th>Cabinet approval</th>
<th>Cabinet</th>
<th>End of June</th>
<th>Middle of September</th>
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Refine the option papers and submission
Terms of Reference

Objectives

The overall objective of the ToR is to support preparation of Ghana’s INDC to include *emission contribution*, *adaptation contribution and implication* and *means of implementation*

Specifically:

- Gather GHG emission inventory, adaptation data in order to study and understand the historical patterns of the interrelationships amongst them;
- All the necessary economic, development data

- Observed underlying patterns that inform future development choices;
- Prepare the Contributions and subject the main inputs into stakeholder consultation and political processes, taking into account the vision of country’s economic transformation agenda
Scope of Work

We will engage National Consultant to lead the 3 option papers and collaborate with the National Team to perform the following tasks:

- Gather necessary economic, development and GHG emission inventory data;
- Use the observed underlying patterns to inform the construction of baseline emission scenarios for 2020, 2030 and 2040 at:
  - economy-wide scale;
  - different sector contributions;
- The baseline emissions must consider to the extent possible,
  - impacts of existing sector policies,
  - overall effects of economic transformation trajectory and
  - key policy that have driven historical emission trends
Scope of Work

- Identify and prioritize key sectors and existing new policies and measures and assess their emissions reduction options and co-benefit impacts on individually and as aggregate per sector or by gases.

- Assess different emissions reduction options emerging from the overall economy-wide GHG impacts of implementation of policies and measures and formulate it into medium-to-long term emission objectives based on selected sectors, set of policies and actions.

- Make recommendations on which emission reduction option or pathway would be efficient and sustainable considering Ghana current and future development circumstances (financial, social and economic implications thereof to each option).
Scope of Work

- Identify and assess financial, economic and social implications/cost of the emission reduction options and make practical recommendations on the response measures that must be considered to ensure implementation with minimal consequences the economy, society and natural systems;

- Evaluate technical, capacity and financial barriers that are likely to hinder to the full implementation of policies and measures in order to attain the economy-wide emission reduction objective within reasonable time frame;

- Document methodology, assumptions and uncertainties associated with the construction of the baseline scenarios, assessment of medium-long term options of mitigation reductions and formulation of the economy-wide emission reduction objectives.
Deliverables

- An inception report
  - indicating task and objectives,
  - showing how each of the objectives will be met,
  - proposed methods, data sources, data collection procedures,
  - detailed work plan, and implementation schedule,
  - proposed schedule of tasks, activities and deliverables,
  - designating responsibility for each task or product,

- Documentation of methodology, data used and associated assumptions and uncertainties,

- Draft Contribution option papers containing all the elements elaborated under scope of work and

- Final Contribution option papers
Time Frame and Reporting arrangement

- Work plan and budget (Tuesday 14/03/2015)

- Execute up to June/September 2015, commencing immediately contract is signed;

- 20% of the total sum paid after signing the service contract and submission of inception report;
- 30% upon submission of draft report;
- 50% upon final submission of the report

- Payment will be made in Ghana Cedis using the prevailing UN Exchange rate;

- Failure to meet the time deadlines will attract penalty, which will be imposed on the Consultant.