JAMAICA’S BUR/NC and NDC: Status, Implementation & Main Needs

Presented by
Ajani Alleyne
Climate Change Division
Outline

- Summary of Jamaica NDC
- NDC Revision
- Related NDC Timelines
- Climate Action Enhancement Package (CAEP)
- National GHG Inventory System
- Experiences and Challenges
- Lessons Learned
- Next Steps
Summary of Jamaica’s NDC

• Predicated on the National Energy Policy – dependent on the implementation of projects, programs and initiatives in the energy sector.

• The effect of the energy policy was modelled and compared to a ‘business-as-usual’ (BAU) scenario of emissions growth without policy intervention, using 2005 as base year.

• Under the BAU scenario, GHG emissions would increase by 37% by 2030.
## Summary of Jamaica’s NDC

| BAU emission in target year | 2025: 13,443 kT CO2 eq  
2030: 14,492 kT CO2 eq |
|----------------------------|-------------------------|
| Mitigation scenario emissions in target year | Unconditional contribution:  
7.8% below BAU by 2030  
2025: 12,370 kT CO2 eq  
2030: 13,368 kT CO2 eq |
|                            | Conditional contribution (contingent on international support):  
10% below BAU by 2030  
2025: 12,099 kT CO2 eq  
2030: 13,043 kT CO2 eq |
Summary of Jamaica’s NDC

• Submitted an INDC to UNFCCC in Nov 2015

• Ratified the Paris Agreement in April 2017

• Became a Party to the Agreement in May 2017

• INDC became the country’s 1st NDC on ratification (decision 1/CP.21, para 22)
Related NDC Timelines

- 2015
  - INDC Submission

- 2017
  - PA Ratified

- 2018/2019
  - NDC Revision start

- 2020
  - 1st NDC Revision due

- 2025
  - 2nd NDC Revision due
Mitigation calculations studies, polices and NAMA exercise was completed and is currently very critical in deciding direction.
Climate Action Enhancement Package (CAEP)

• Jamaica a member of NDCP since Aug 2018

• CAEP developed and designed to deliver targeted, fast-track support to countries to enhance the quality, increase the ambition, and implement NDCs

• Jamaica will receive support based on a successful Round 1 and Supplemental request
  o outstanding activities will be supported to enhance the 2020 NDC revision process

• Main output being a long-term emission reduction and resilience development strategy.
National GHG Inventory System

- **National Communications**
    - TNC based on 2006 IPCC Methodology
    - Latest National Greenhouse Gas Inventory developed under TNC project (2006-2012)
    - Greenhouse Gas Database Management System (prototype installed)
  - Submitted the First Biennial Update Report (2016)
    - International Consultation and Analysis (ICA) – Technical Analysis of BUR Submitted (Nov, 2016)
    - Facilitative Sharing of Views (COP23/CMA2 – 2017)
Pictorials of Reports Produced from the Inventories
National GHG Inventory System

- **GHG inventory done based on Project-by-project workflow**
  - PMB established to M&E project operations
  - PMU hosted in Climate Change Division to manage the report preparation processes
  - Consultancies procured
    - International and local sector experts / specialist combine

- **Methods and Data Documentation**
  - Questionnaires (collect info, based on the guidance of consultant)
  - Excel spreadsheets (store data to do calculations)
  - Almost all sectors majority 1\textsuperscript{st} tier estimates were used (default calculations)
  - Energy sector used 2\textsuperscript{nd} Tier estimations (fully)
  - Expert knowledge used for estimations (e.g. waste)
Most Recent GHG Inventory (Total GHG emissions (Gg CO$_2$ EQ))
Experiences and Challenges

- Technical and human capacities to complete the reports
  - Shortage of technical sector-specific experts (few GHG experts at international & national levels available)
  - Lack of understanding of use of IPCC methodology by local stakeholders (database development)

- No domestic transparency system

- Tracking & MRV
  - Current data collection efforts do not allow for Tier 2 (except energy sector)

- Data availability / frequency of collection by stakeholders

- Format for data collection

- Database or repository system
Lessons Learned

- Need enhanced institutional framework
  - Need clear policy direction
  - Need mandated legislation for data collection

- Strong requirements for transparency / MRV system (e.g. tracking progress)

- Data availability is critical for analysis

- Sensitization of and engagement with key stakeholders
Next Steps

- Designing program for the 4NC and 2nd BUR
  - Project approved by GEF
  - Expected Update of the GHG inventory (2013-2019)
- Revised Climate Change Policy Framework (2020/2021)
- Training of legislators (Draft climate change legislation)
- Implementation of CBIT project to improve transparency
  - Institutionalize training on GHG inventories/IPCC methods/ GHG databases
  - Implementation of a national MRV system (2021/2022)
  - Operationalization of the GHG inventory management system (2021/2022)
Contact Information

Ajani Alleyne
Research and Development Officer
Climate Change Division
Ministry of Economic Growth and Job Creation
16A Half-Way-Tree Road
Kingston 5, Jamaica, W.I.

climate.change@megjc.gov.jm
1 (876) 633-7500
ClimateChangeDivisionJamaica
@ccdjamaica
@ccdjamaica
Thank you