



REPUBLIC OF BOTSWANA

FACILITATIVE SHARING OF VIEWS – BOTSWANA

2nd June 2021

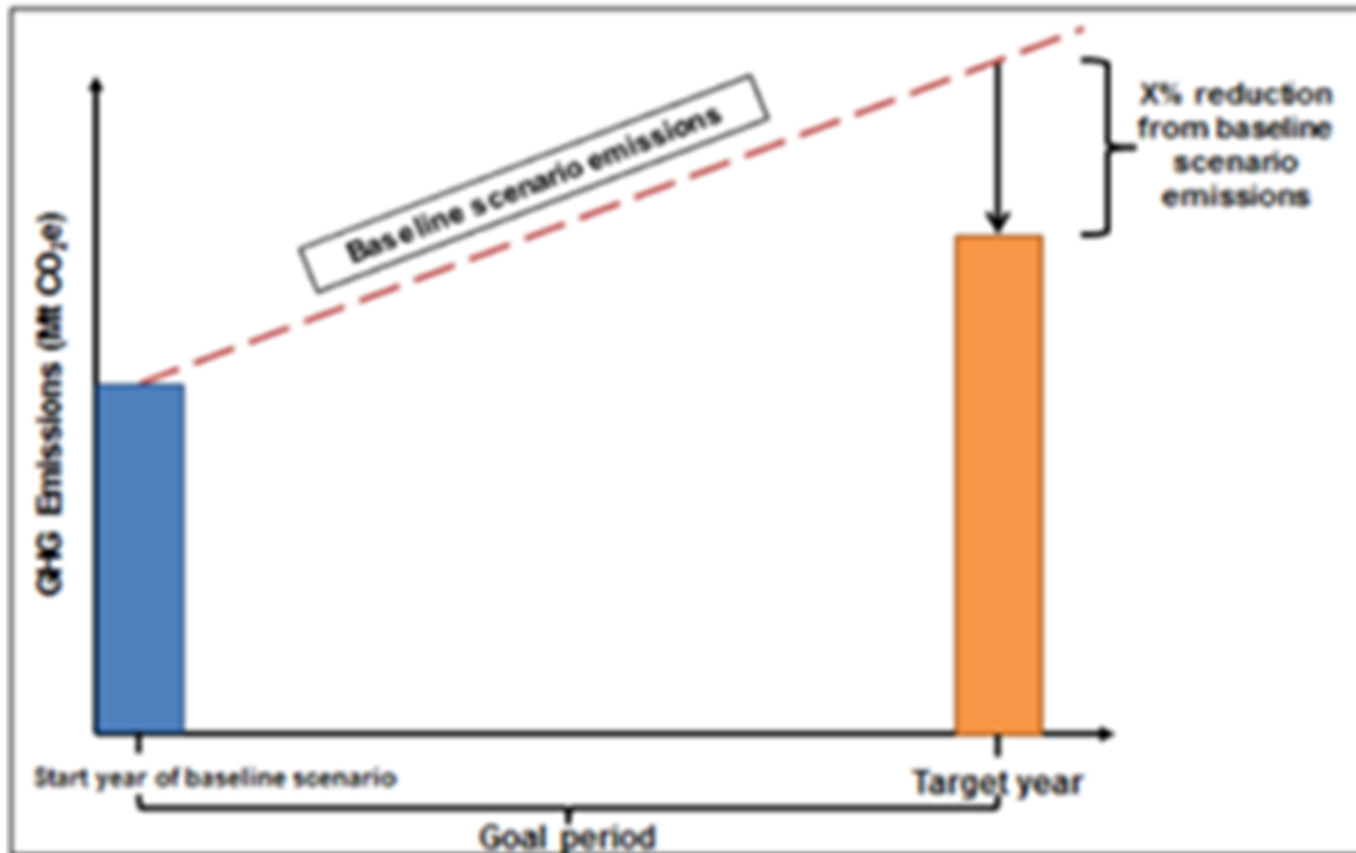
Presentation outline Share views on Botswana Climate Change Agenda

- ❖ Institutional arrangements
- ❖ GHG inventory
- ❖ Mitigation actions and effect
- ❖ Barriers and support needed and received
- ❖ Transition to ETF (if applicable)

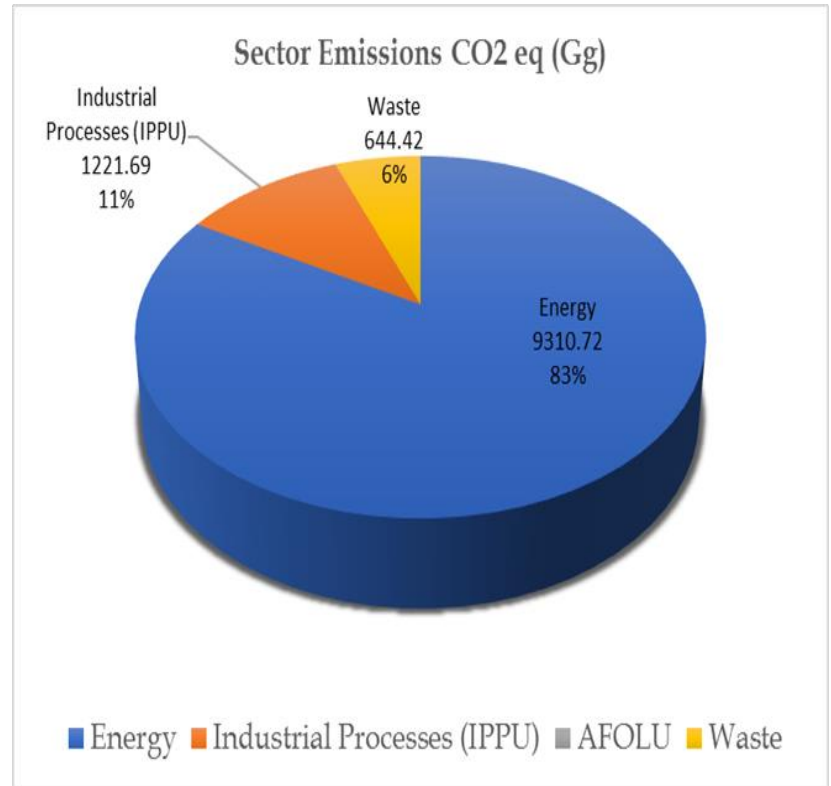
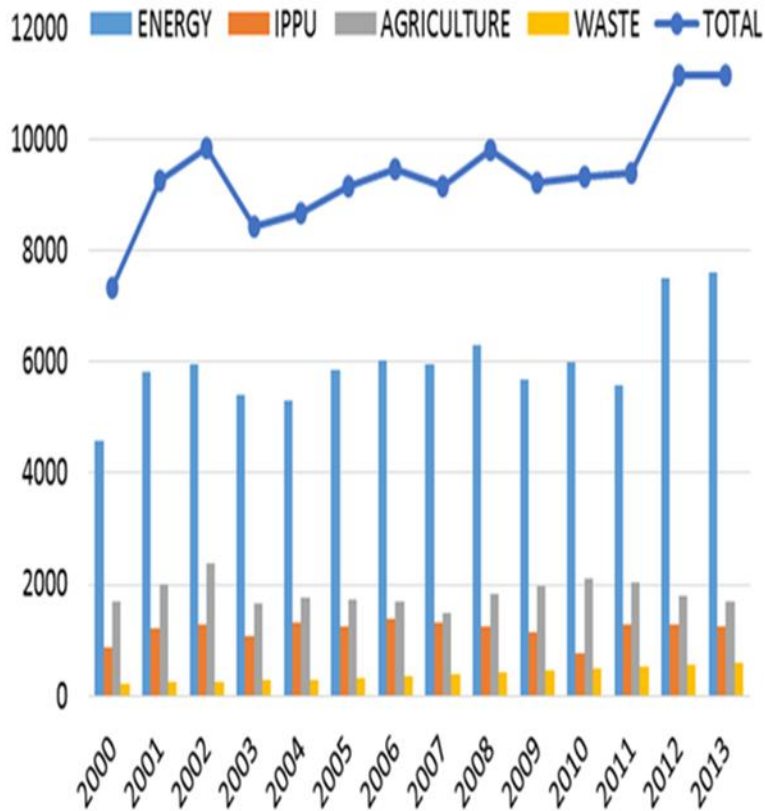
National context – Institutional arrangements

- Ministry of Environment, Natural Resources Conservation and Tourism (MENT) is in the process of establishing a Climate Change Unit to coordinate climate change activities; follows the adoption of climate change policy by government
- National Committee on Climate Change (NCCC) serves as an advisory body to government on climate change issues
- Parliamentary Portfolio Committee on Wildlife, Tourism, Natural Resources and Climate Change which promotes establishment of an enabling environment that will facilitate policy implementation
- National GHG System consisting of:
 - Statistics Botswana
 - University of Botswana,
 - Department of Waste Management and Pollution Control,
 - Department of Forestry and Range Resources,
 - Department of Meteorological Services
 - Botswana Institute for Technology, Research and Innovation
 - Botswana Power Corporation

National context – Botswana's NDC goal (15% reduction by 2030)

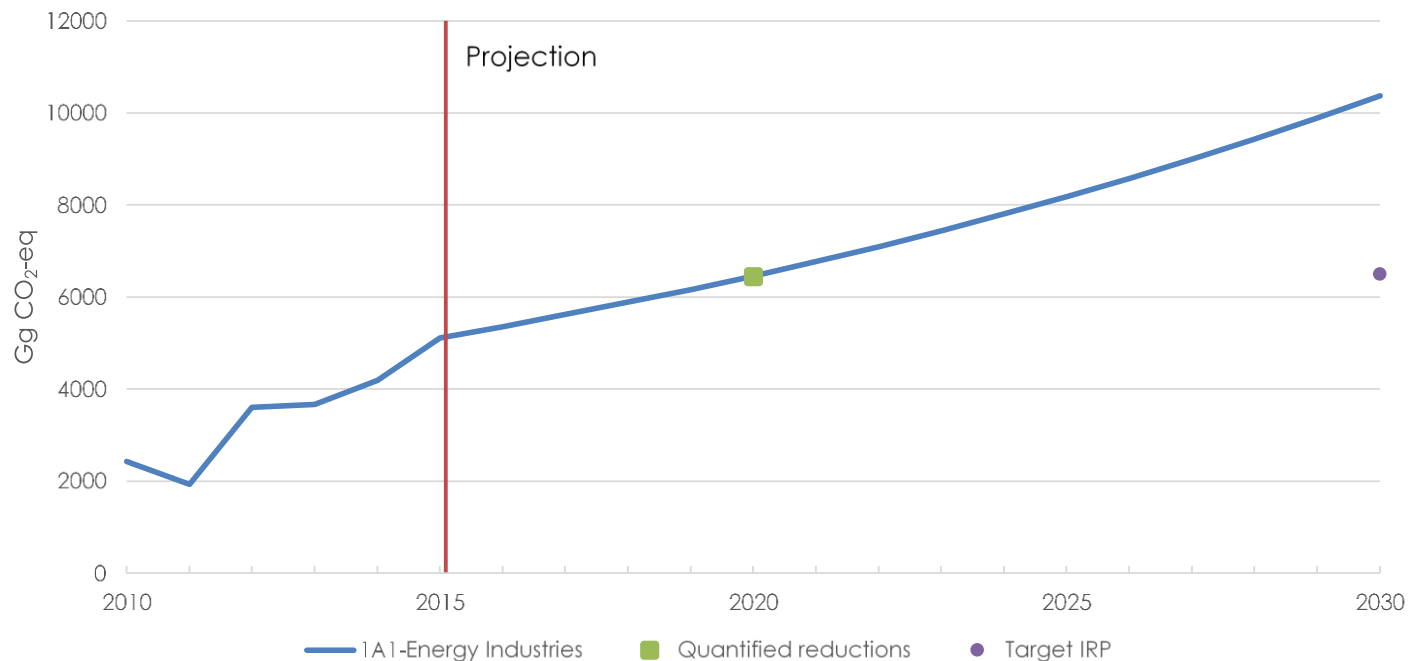


Botswana GHG trends (2000 to 2013) and emissions by sector



Emissions from Energy Industries

Quantifiable reduction in this sector (solar energy use) in 2020:
12.2 Gg CO₂-e



2010-2015 data from National Greenhouse Gas Inventory, projection based on TNC;

IRP: Integrated Resource Plan, launched Dec 2020 by Ministry of Green Technology and Energy Security, for reliable, safe and affordable electricity supply, targeting 15% renewable energy

Mitigation actions and effects

Sector	Mitigation action	Results achieved (Reduction in 2020 [Gg CO2-eq])
Energy	Solar power stations, solar appliances and biogas	15.52
Waste	Landfill Gas Facility	No plans to construct this as it would be costly to redesign existing landfills to support this
Forestry	Improve veldt fire management systems	No data

Support received and needed (finance, technology, capacity building)

- Most of the financial support received by Botswana was from Global Environmental Facility (GEF) for capacity building, and technical support, to enable the country to fulfil its obligations under the Convention and to implement measures that address the impacts of climate change.
- Support is needed for construction of solar power plants
- Technical support and capacity building for institutions to implement climate change related initiatives

Barriers

- Investment costs to acquire mitigation measures
- Data access, availability and organisation
- Technical and institutional capacities
- Lack of emission factors

Transition to ETF (Enhanced transparency framework)

- Projects from UNDP
 - Projects that address data challenges (data collection, digitization and archiving etc.)
 - Climate promise project- tracking tool for NDC and MRV system
- Projects from ICAT- Initiative for Climate Action and Transparency
 - Monitoring Reporting and Verification (MRV) projects in the transport and energy sector

The end

Thank you