Pathway to NDC 3.0: Regional Webinar on GHG Emissions Projection

UN Climate Change Regional Collaboration Centre for East and Southern Africa (RCC EASA)
UN Climate Change Regional Collaboration Centre for West and Central Africa (RCC WACA)

Webinar for Sub-Saharan Africa
Date and time: Wednesday 2nd April 2025
From 10:00 AM to 12:00 PM (GMT time), from 1:00 PM to 3:00 PM (EAT) GMT+3

Background

As countries prepare for their NDCs 3.0 submissions due this year,2025, the development of greenhouse gas (GHG) emissions projections has become increasingly critical for setting ambitious and implementable climate targets. GHG emissions projections are essential tools for policymakers to establish evidence-based GHG reduction targets, track progress toward these targets, and assess the expected impacts of mitigation measures. These projections serve as crucial components in NDC development, helping countries understand their emission trajectories under different scenarios: Business as Usual (BAU) / Without Measures (WOM), With Measures (WEM), and With Additional Measures (WAM).

Many Sub-Saharan African countries face challenges in developing comprehensive GHG projections due to limited data availability, technical capacity constraints, and access to appropriate modeling tools. This challenge is particularly significant as countries prepare their NDC 3.0 submissions, which require increased ambition and more detailed technical analysis to support their targets.

The development of GHG emissions projections for NDC 3.0 must align with the requirements outlined in Decision 4/CMA.1, which specifies the need for clear quantifiable information on reference points, including base years and reference periods. Countries are required to provide detailed quantifiable information on reference indicators, their values in base years, and target years, along with clear numerical targets expressed as percentage or amount of reduction. This information must be supported by robust data sources and methodologies. Furthermore, countries need to specify their implementation timeframes and whether they are adopting single-year or multi-year targets. These requirements make it essential for countries to develop comprehensive GHG emissions projections that can effectively demonstrate their baseline scenarios and the impact of their mitigation measures, while ensuring transparency and clarity in their NDC communications.

To support countries in this process, various tools exist to develop GHG emissions projections, such as GACMO, LEAP, and Mitigation-Inventory Tool for Integrated Climate Action (MITICA) - the latter being a free tool developed by the UNFCCC secretariat to help developing countries create GHG emissions scenarios, evaluate mitigation actions, and track NDC progress based on their national GHG inventories. It is against this background that the UNFCCC Regional Collaboration Centres (WACA and EASA) in collaboration with the Centre Interprofessionnel Technique d'Études de la Pollution Atmosphérique (CITEPA), United Nations Development Programme (UNDP), United Nations Environment Programme (UNEP) and the NDC Partnership are organizing a webinar aimed at

supporting Sub-Saharan African countries in developing robust GHG emissions projections for their NDCs 3.0 submissions.

Objectives

The webinar aims to:

1. Provide guidance on developing BAU, WEM, and WAM scenarios for NDC 3.0, including methodological approaches and best practices for GHG emissions projections.
2. Enhance technical capacity in using tools and methodologies for GHG emissions projections, with particular focus on country-specific circumstances and data availability.
3. Facilitate knowledge exchange on successful approaches to GHG projections development, including data collection, scenario building, and stakeholder engagement.
4. Guide participants on integrating GHG projections into their NDC 3.0 submissions and using projections to inform target setting and policy planning.

Participants

The webinar will bring together National Focal Points, NDC Coordinators, Transparency, climate, sectoral and planning experts including specialists working on climate and NDC planning strategies of 45 countries from sub-Saharan African region alongside experts from the region including key partners both within and outside the wide UN support on NDC 3.0 .

Agenda

time	Session	Moderator/ Speaker (TBC)
5'	Introduction	**William Otieno**, Regional Lead, RCC East and Southern Africa
5'	Kick-off remarks	**Margaret Barihaihi Musana** Regional Manager Africa (Anglophone/Lusophone) NDC Partnership Support Unit
5'	Climate Promise Message on integrated support to cover Parties needs and gaps for NDC Development	**Daisy Mukarakate**, Regional Climate Policy Advisor and UNDP Regional Focal Point – Africa, UNDP
20'	Developing BAU/WOM Scenarios - Methodologies and Data Requirements ○ Overview of key principles for constructing Business-as-Usual (BAU) and Without Measures (WOM) scenarios ○ Key data requirements and challenges in Sub-Saharan Africa ○ Q&A	**Houssem Belhouane**, Head of Mitigation Policy Unit, CITEPA

20'	Developing With Measures and With Additional Measures Scenarios ○ Methodological approaches to define mitigation scenarios ○ Identifying and quantifying the impact of mitigation policies ○ Integration of national inventory data with projection models ○ **Presentation of a sub-saharan country's modeling exercise for WEM and WAM scenarios** ○ Q&A	CITEPA Expert
20'	Developing GHG Emissions Projections with MITICA	**Kendal Blanco Salas,** Programme Officer, GHG Support Unit, UNFCCC
20'	Some other Tools and Resources for GHG Projections ○ Q&A	**Julien Vincent**, Head of Mitigation and Adaptation Department
15'	Introduction and explanation of tables: Filling CTF Tables 6 to 9: GHG emissions and removals with WM, WEM, WAM Scenarios (BTR reporting)	**Moussa DIOP**, Francophone Transparency Network Coordination UNDP/Climate promise
5'	Next Steps and Closing Remarks	**Denis Desgain,** Head of Mitigation Analysis and Data Management Section, UNEP Copenhagen Climate Centre