

Greenhouse Gas Mitigation Modelling Tools Webinar Series 2023

Session 3: Basics of the Low Emissions Analysis Platform (LEAP)

07 June 2023, Wednesday, 10:00 AM -11:30 AM AST

Background:

In the third session of the series, we provide an overview of the LEAP modelling platform, developed by Stockholm Environment Institute (SEI). This is one of the tools suitable to use when conducting GHG modelling in the Caribbean region. LEAP is a widely used software for energy policy analysis and climate change mitigation assessment that has been adopted by over 190 countries globally. Many countries have also chosen to use LEAP as part of their commitment to report to the UN Framework Convention on Climate Change (UNFCCC) to demonstrate the intent of countries to begin decarbonizing their economies and invest in climate resilience.

Several countries in the Caribbean had been introduced to the model for developing their intended Nationally Determined Contributions (iNDC), mitigation assessments in national communications, revising/updating cycle of the Nationally Determined Contributions (NDCs) in 2020/21 and most recently for energy sector planning in the Caribbean.

This session is brought to you by the Modelling & Projections Programme of the Caribbean Cooperative Measurement, Reporting and Verification (MRV) Hub, in collaboration with the SEI, LEAP developers.

Objectives:

This session will present an overview of the LEAP modelling tool and its usage. Through this session, participants shall gain a deeper understanding of the steps required to use the LEAP model.

The session will focus on the:

- Capabilities and functions of LEAP as a modelling tool
- Key features & potential upgrades to the LEAP software
- Data and other requirements for usage of LEAP
- Software usage through demonstration

Target audience:

- Decision-makers in climate change divisions
- Officers focusing on climate change mitigation
- GHG inventory coordinators and developers
- Academics involved in climate change mitigation planning topics and other interested parties.
- Planners involved in the Energy sector, Agriculture, Land Use, Land Use Change and Forestry (LULUCF) Waste and Industrial Process & Product Use (IPPU) sectors with interest in understanding climate change actions and their impacts in the respective sectors.

All Participants are welcomed, but the major focus will be on the Caribbean region.

Registration:

Registration for the session closes on the day of the session. Use the following link to register:

[REGISTER HERE](#)

Structure and content of the virtual webinars:

Each session features three main stages which feature the following:

- **Pre-webinar preparation**
 - o Upon registration, participants will receive the webinar agenda and Zoom link to access the session.
 - o More information about the model and access to training material can be obtained through the following link:
<https://leap.sei.org/>
- **Webinar (90 minutes)**
 - o Presentation on the LEAP model capabilities and functions, key features, data requirements, and a worked example of its usage
 - o Question and answer segment where participants are allowed to engage experts on the presentation content and make suggestions for future webinar content.
- **Follow-up stage**
 - o Participants are asked to provide feedback on the webinar content, approach, and execution using a feedback form which will be sent via email. Furthermore, participants will be encouraged to discuss follow-up questions or further topics of interest by communicating directly with the MRV Hub Secretariat via email.

The virtual seminar will be conducted via ZOOM Meetings.

Tentative webinar agenda:

5 min	Introduction by Benise Joseph, MRV Hub - Opening, objectives, engagement rules, tour de table,
30 min	Overview of the LEAP model by Silvia Ulloa & Charlie Heaps: Stockholm Environment Institute - Model capabilities & functions, key features and data requirements
25 min	Demonstration of LEAP software by Silvia Ulloa & Charlie Heaps: Stockholm Environment Institute
20 min	Q & A session with the participants
5 min	Closing & introduction to next session