

Caribbean Electric Mobility Forum

Decarbonizing transportation and renewable energy integration in Caribbean islands: Synergies for a sustainable future

Session 2.I: Enhancing Data-Driven Decision-Making in the Transport Sector to Support Ambitious NDCs

TUESDAY 8 APRIL 2025, 3:15 PM – 4:30 PM

EVENT OVERVIEW

This peer-to-peer exchange session, led by Climate Analytics and the UNFCCC Regional Collaboration Centre for the Caribbean (RCC Caribbean), will focus on the importance of quality data collection and management in the transport sector to inform Nationally Determined Contribution (NDC) target formulation, monitor progress, and access climate finance. It aims to highlight the value of robust data systems, the types of data most useful to collect, and regional examples of successful data management practices.

OBJECTIVE & OUTCOMES

The session seeks to:

- Emphasize the critical role of data in supporting the transport sector's contribution to NDCs.
- Share examples of effective data management systems and their application in the region.
- Facilitate peer learning by encouraging participants to share experiences, challenges, and solutions for transport data collection and utilization.

Expected Outcomes:

- Participants gain a clearer understanding of the value of quality transport data for NDC-related activities.
- Peer exchange identifies common challenges and opportunities for data management in the region.
- Stakeholders are inspired to adopt or improve data management practices to support ambitious transport targets.

AGENDA

Time	Details, Participants, Focus
3:15 PM – 3:20 PM	Opening Remarks Welcome to participants, an introduction to the session and its objectives. <ul style="list-style-type: none"> Frances Fuller, Director, Climate Analytics North America
3:20 PM – 3:35 PM	Scene-setting presentation: The Value of Data in the Transport Sector Overview of the importance of data in achieving ambitious and actionable transport sector targets in NDCs and highlighting the types of transport-related data critical for NDC planning and monitoring (e.g., vehicle fleet composition, fuel consumption, emissions data, e-mobility adoption rates) and its role in accessing climate finance. <ul style="list-style-type: none"> Paolo Cozzi, Deputy Director, Climate Analytics North America Tommaso Ficara, Energy Systems Modeller and Climate Policy Analyst, Climate Analytics
3:35 PM – 3:50 PM	Effective Data for NDC 3.0: Enhanced Ambition and Needs This presentation will highlight the role of effective data systems in preparing and enhancing Nationally Determined Contributions (NDCs), with a particular focus on the 2025 submission cycle (NDC 3.0). It will outline the Paris Agreement's ambition cycle, the importance of aligning data collection with mitigation, adaptation, and finance goals, and regional readiness to meet transparency and reporting requirements. The session will provide insights into how data underpins credible target setting, implementation tracking, ambition enhancing and mobilization of finance in the transport sector. <ul style="list-style-type: none"> Jason Williams, NDCs and LT-LEDS Regional Specialist, RCC Caribbean
3:50 PM – 4:25 PM	Moderated discussion and interactive exchange <ul style="list-style-type: none"> Sharing experiences with data collection and management in the transport sector. Identifying common challenges and innovative solutions to improve data quality and use. Exploring opportunities for collaboration on regional data systems and knowledge sharing. <p>Moderators: Paolo Cozzi, Deputy Director, Climate Analytics and Jason Williams, RCC Caribbean</p>
4:25 PM – 4:30 PM	Closing Remarks Climate Analytics provides closing remarks and shares key takeaway messages. <ul style="list-style-type: none"> Jan Sindt, Head of Implementation Strategies, Climate Analytics

DISCUSSION QUESTIONS

- What types of transport data are you currently collecting in your country?
 - Do you collect data on vehicle fleet composition (with info on year).
 - Do you collect data on vehicle mileage?
 - Do you collect data in fuel consumption and how is it disaggregated?
- Is the data collection process centralized? How accessible is the information for other institutions? How do you think that coordination can be improved?
- Have you been able to use national transport data to:
 - Support project proposals or access to climate finance?
 - Inform target setting?

- c. Develop public policy?
 - d. Monitor & reporting progress towards achievement
- 4. Are there national or regional tools/platforms you use for data storage? How effective have they been?
- 5. What lessons can you share from your country's experience with managing transport sector data? What are the biggest barriers you face in collecting and maintaining quality data in the transport sector?
- 6. How can countries in the Caribbean region work together to strengthen shared approaches to transport data collection and management?
- 7. What kinds of support or collaboration would be most helpful to improve transport data systems in your country or regionally?