

Online Course Transport Data: From MRV to Action

Why you should take this course?

“Transport Data: From MRV to Action” is an innovative and entertaining online course about the Measurement, Reporting and Verification (MRV) of greenhouse gas (GHG) emissions in the transport sector. It is developed by GIZ in collaboration with the United Nations Framework Convention for Climate Change (UNFCCC) secretariat.

The course empowers participants to design and implement MRV systems for transport sector. It also imparts knowledge on data collection and transparency, and the importance of MRV systems for Nationally Determined Contributions (NDCs). Packed with a wealth of information, our self-paced online course can be completed according to your individual schedule.

Are you eager to make a tangible impact in the fight against climate change and contribute to the rise of a sustainable transport sector? By completing the course, you can become an agent of positive change, equipped with the expertise to steer the transport sector toward a greener, more sustainable future.

Who is this course for?

The course is designed for government officials working in transport or climate policy, including in particular individuals concerned with emissions reporting. However, the course is also available to all interested parties. Whether you're an environmental enthusiast, a sustainability professional, a transportation planner, a government official, a student, or simply curious about the impact of transport on climate change, this course is for you!

Meet & Greet

During the first two months after the launch of the online course, you had the opportunity to meet five course instructors as part of live online events. These events represented an excellent opportunity to ask questions and obtain personalised advice. If you click on the individual date, you will be taken directly to the recording.

[19 July 2023](#)



Environmental Specialist and Transport Expert **Dr. Mónica Espinosa** (Hill Consulting) on MRV for the E-Bus Project and Colombia's NDC

[30 August 2023](#)



Technical Advisor **Paponphanai Nanthachatchavankul** (GIZ Thailand)

and



UNFCCC Program Officer **Marlan Pillay** (UNFCCC) on the Role of MRV for NDCs in Transport

[2 August 2023](#)



Transportation/Project Engineer **Grace Mukunzi** (Meier Consulting) on Data Collection in Uganda

[16 August 2023](#)



Urban and Regional Development Advisor **Gemma Burhanudin** (GIZ Indonesia) on Bus Rapid Transit and Mitigation in Indonesia



bit.ly/MRVtoAction

Register for the course [here!](#)

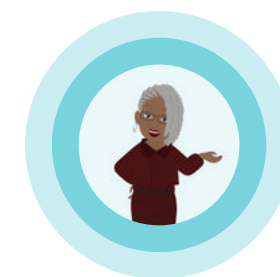
What will you learn?

While working through the modules, you will

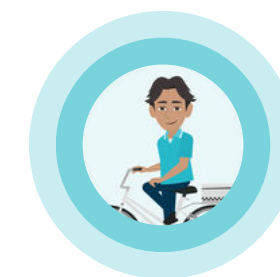
- learn about the causes of climate change and gain insight into the estimation and calculation of greenhouse gas emissions from the transport sector;
- explore the history and development of international climate talks, including MRV, Enhanced Transparency Framework (ETF) and Nationally Determined Contributions (NDCs); and
- become acquainted with the most important data needs for estimating emission mitigation measures and how to develop baseline scenarios.

Completing this course will empower you to calculate GHG emissions and prioritise policy measures for decarbonising transport systems.

You will be guided by the following two fictional characters through the three self-paced modules:



Ms. Taraji Noor
Senior Transport Expert



Mr. Tuan Đăng
Ministry of Transport Official

Course Contents

Welcome Module

- Transport and climate change: The consequences
- Focus of the course: Why Measurement, Reporting and Verification (MRV)?
- Course modules and the learning path

Module 1

- Basics of transport and climate change
- International conventions and frameworks against climate change
- Enhanced transparency framework in transport GHG emissions and climate change

Module 2

- Basic principles of GHG emissions calculation
- Data management

Module 3

- Basics of scenario development
- Deep dive into scenario development
- Nationally Determined Contributions (NDCs)
- Deep dive into ex-post calculation and monitoring

Discover more about the e-learning platform [atingi](#) and sign up for our [Changing Transport newsletter!](#)



Impressum
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