MobiliseYourCity Mastering Mobility Module

Understanding air quality and its role in urban transportation

DATE and TIME (TIMEZONE) – Insert link to the virtual session here

1. Description

Air pollution is one of the most significant concerns in cities worldwide as it directly affects people's health and quality of life. Therefore, enhancing air quality management should be at the core of any urban policy, as many of the economic activities that take place in the urban environment currently emit local air pollutants. In addition, mobility and transport activities in cities are significant contributors to air pollutant emissions in a city. This session aims to raise awareness by explaining air quality and why it matters. In advance, it distinguishes air pollution from global emissions (greenhouse gases) and showcases some examples of addressing air quality through sustainable urban mobility planning.

1. Learning Objectives:
* Understand the difference between Greenhouse Gas (GHG) emissions and air pollution
* Identify the main air pollutants, their impact on health and their main sources
* Understand the contribution of transport to air pollution
1. Speakers
* **Person 1** | Position | Organisation (Moderator)
* **Person 2** | Position | Organisation
* **Person 3** | Position | Organisation
1. Agenda

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| Time | Agenda |  | Speaker |
|  0:00-0:05 | Welcome & Housekeeping (5’) |  | Moderator |
| 0:05-0:10 | Icebreaker (5’)* Air Quality – what does it mean to you? (interactive)
 |  | Moderator |
| 0:10-0:40 | Introduction to Air Quality (30’)* What does air quality mean, and why is it important?
* What are the main pollutants, and where do they come from?
* Impacts of atmospheric pollution
 |  | Speaker |
| 0:40-0:55 | **Case Study 1: Paris (15’)*** Road transport and air pollution in the Paris metropolitan region
 |  | Speaker |
| 0:55-1:00 | Break and Poll (5’) |  | Moderator |
| 1:00 -1:20 | Air quality and transport (20’)* Data and tools for diagnosis
 |  | Speaker |
| 1:20-1:40 | Case Study 2: Yaoundé (20’)* Implementation of tools for air pollution control in Yaoundé, Cameroon
 |  | Speaker |
| 1:40-1:45 | * Questions, Feedback and Farewell (5’)
 |  | Moderator |