Decarbonizing Transport: No Silver Bullet
16 Oct, 14:30-15:30 CEST

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AGENDA

- Introduction
- Overview of transport decarbonizing strategies by Oliver Lah
- Barcelona Metropolitan Government by Marc Iglesias
- Decarbonization strategies in East Asian cities by Tsu-Jui Cheng
- Panel discussions and Q&A
- Closing remarks
PANELISTS

Oliver Lah
Head of Research Unit, Mobility and International Cooperation, Energy, Transport and Climate Policy
Wuppertal Institute, Germany

Marc Iglesias Perez
Head of Sustainable Mobility Section, Barcelona Metropolitan Government
Barcelona, Spain

Dr. Tsu-Jui Cheng
Ass. Prof., Transport management
National Cheng Kung University
Chinese Taipei

Beatrice Chng
Sustainable Mobility Senior Officer
ICLEI WS
Bonn, Germany
DECARBONIZING TRANSPORT – WHY THE URGENCY?

23% Transport-related GHG emissions (IEA 2018)

30% Increase in transport-related GHG emissions since 2000

60% Increase in transport-related GHG emissions by 2050 (ITF2017)

40% Freight contribution to the transport-related GHG emissions
ONLY 3.3% OF TRANSPORT IS POWERED BY RENEWABLES

Source: REN21, 2017
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Cities around the world are rapidly electrifying, is this enough?

- **Seoul, South Korea**: 100,000 motorcycles replaced by electric by 2025; run all buses on clean natural gas, electricity or hydrogen by 2027.
- **Foshan, China**: 100% electric public transport by 2020; procure only zero emission buses by 2025.
- **Bangalore, India**: 100% electric municipal buses by 2023; 100% electric auto rickshaws, cab aggregators, corporate fleets and school buses by 2030.
- **Hainan, China**: Fully phase out the sale of internal combustion engine vehicles by 2030.
- **Portland, Oregon, USA**: 10% of EV-kilometers by 2030; 25% of EV-kilometers by 2050.
- **Mexico City, Mexico**: Ban diesel cars and vans by 2025.
- **Copenhagen, Denmark**: Carbon-neutral transport by 2025.
- **Utrecht, Netherlands**: Smart solar charging system and vehicle-to-grid technology since 2019.
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