

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



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DECARBONIZING TRANSPORT – WHY THE URGENCY?

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23%

Transport-related
GHG emissions
(IEA 2018)



40%

Freight contribution to
the transport-related
GHG emissions

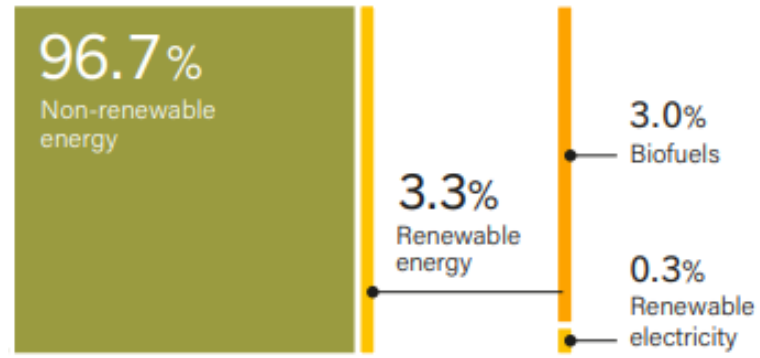
30%

Increase in transport-
related GHG emissions
since 2000

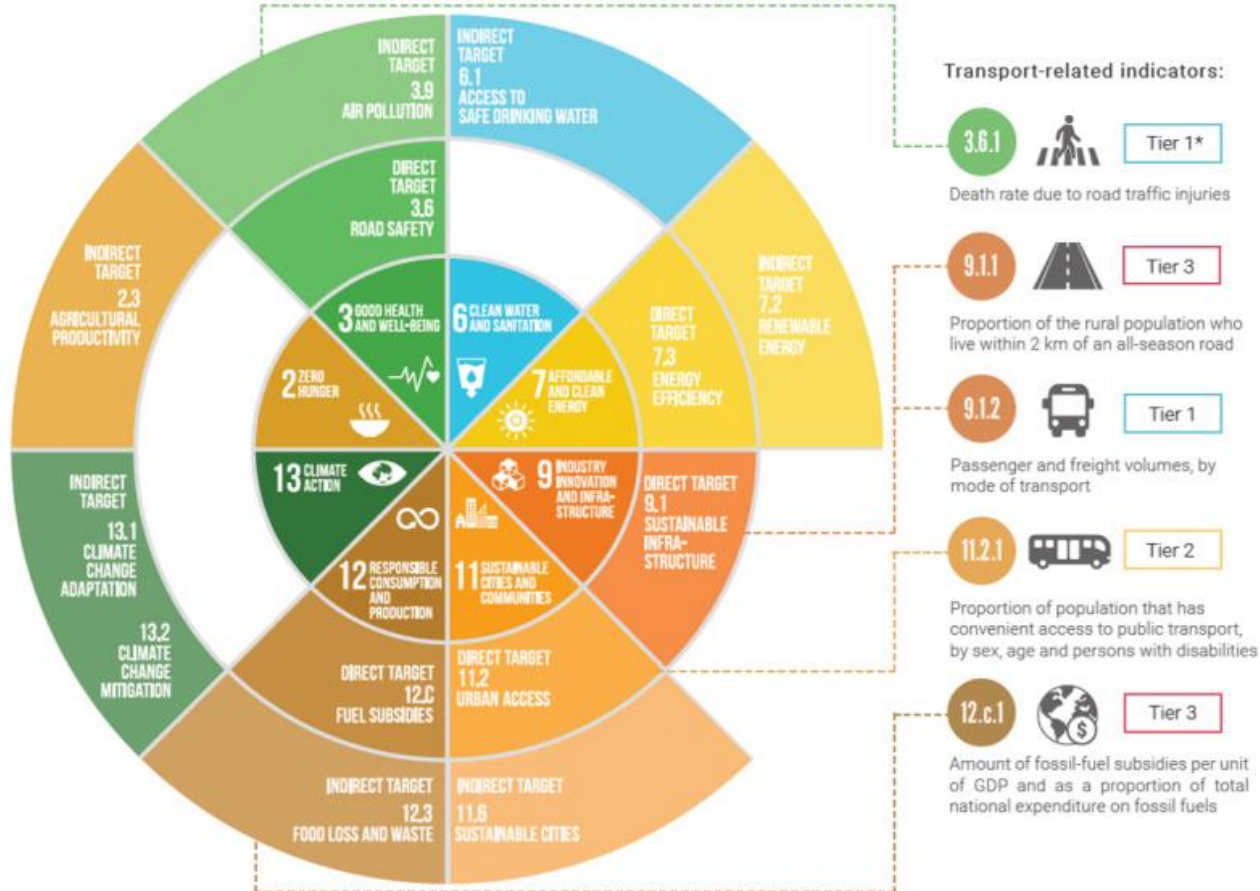
60%

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

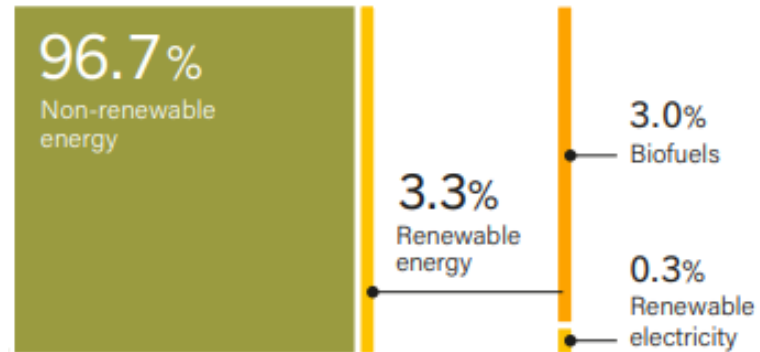
ONLY 3.3% OF TRANSPORT IS POWERED BY RENEWABLES



Source: Based on IEA data.



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Source: Based on IEA data.

Procure only zero emission buses by 2025

Barcelona, Spain
Medellin, Columbia
Jakarta, Indonesia
Vancouver, Canada
Berlin, Germany
Heidelberg, Germany
Paris, France
Rome, Italy

...

Source: REN21

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

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

Hainan, China

Fully phase out the sale of internal combustion engine vehicles by 2030

Bangalore, India

100% electric municipal buses by 2023
100% electric auto rickshaws, cab aggregators, corporate fleets and school buses by 2030



Cities around the world are rapidly electrifying,
Is this enough?

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