PATHWAYS TO SUSTAINABLE MOBILITY THROUGH LOCAL, NATIONAL, GLOBAL AND INDUSTRY ACTION

Shifting towards low-carbon mobility needs local, national, global and industry action
Agenda

• Transport’s contribution to a 2 Degree Pathway, Oliver Lah, Project Coordinator, Wuppertal Institute

• Transport oriented development in Mexico, Adriana Lobo, Director, Embarq Mexico, World Resources Institute

• Paris Puzzle, Rob Siveter, Senior Manager, Climate Change, International Petroleum Industry Environmental Conservation Association (IPIECA)

• State of the World of Fuel Economy: Sheila Watson, Executive Secretary, Global Fuel Economy Initiative and Director of Research and Environment, FIA Foundation & Drew Kojak, Executive Director, ICCT

• Co-benefits potentials of low-carbon Urban mobility, Glynda Bathan, Deputy Executive Director, Clean Air Asia

• Panel discussion: Holger Dalkmann, Director Embarq, WRI
Key messages from the 5th IPCC Assessment Report

Transport mitigation potential has been found to be higher than previously reported:

• Technical and behavioural mitigation measures for all transport modes, plus new infrastructure and urban redevelopment investments, could reduce final energy demand in 2050 by **around 40%** below the baseline.
Passenger and freight activity could outweigh all mitigation measures unless transport emissions can be strongly decoupled from GDP growth.
Barriers to decarbonizing transport for all modes differ across regions
A range of options are readily available to reduce transport GHG emissions

- Both short- and long-term transport mitigation strategies are essential
- Cost effective options are available
- Properly designed policies can generate synergies between various objectives and avoid trade-offs
- Technology (switch) based measures are more likely to generate trade-offs than those focusing on efficiency and conservation
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