



ITF
Transport Outlook
2015 ITF Lunchtime session

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Strategic tool

- ▶ Strategic tool to support policy-makers in shaping the future of transport policies
- ▶ Examines development of global transport volumes and related CO₂ emissions, health impacts
- ▶ Allows us to analyse how world could change if we choose different policies and development paths



Approach

- ▶ Examine factors that can affect supply and demand for transport services
- ▶ Focus on scenarios illustrating potential upper and lower pathways
- ▶ Covers key policies and external factors shaping future transport demand



**International
freight model**



**Air passenger
model**



**Urban mobility
simulator**



Urban model

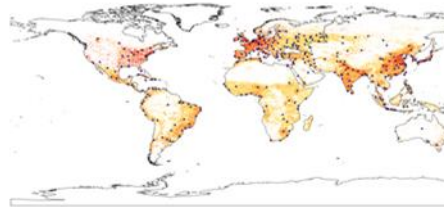


Model elements

Transport demand

Income
Population
Trade
Tourism
Cultural proximity
Transport supply (quantity
and quality)

Regional and spatial breakdown



Capacity



Mode choice



Route assignment



Models

- ▶ In-house modelling capability (extensive collaboration)
 - ▶ A coherent framework (all modes, pass. and freight)
 - ▶ Possibility of carrying more detailed scenario analysis at regional level
 - › Testing impacts of policy options on transport flows and emissions
 - › Assessing capacity needs
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