

Private investment in transport infrastructure – past trends and future needs

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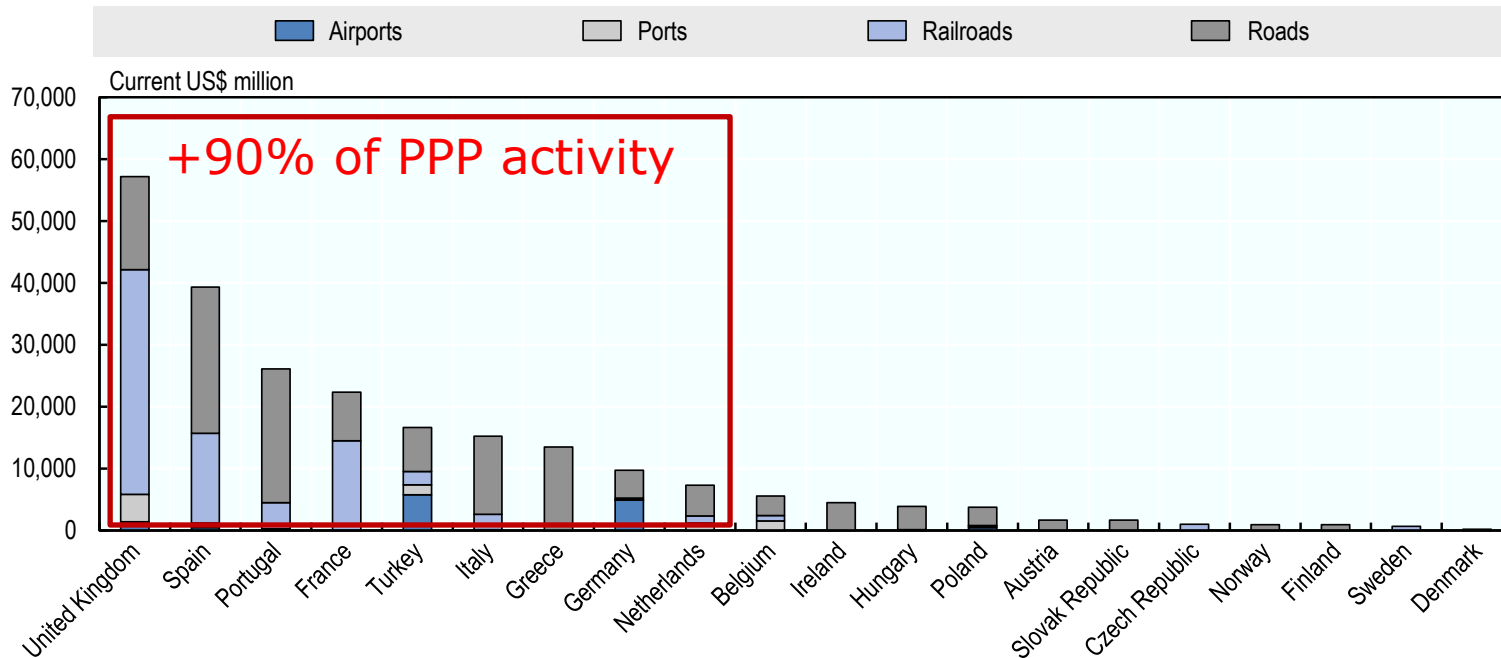
What the presentation is about

- **How much private investment has contributed to total investment in transport infrastructure in Europe (DAF/INV + ITF joint work)**
- **How much investment may be necessary in transport infrastructure in the future (ITF Global Freight Model)**
- **What future developments may hold in store for transport infrastructure investment**



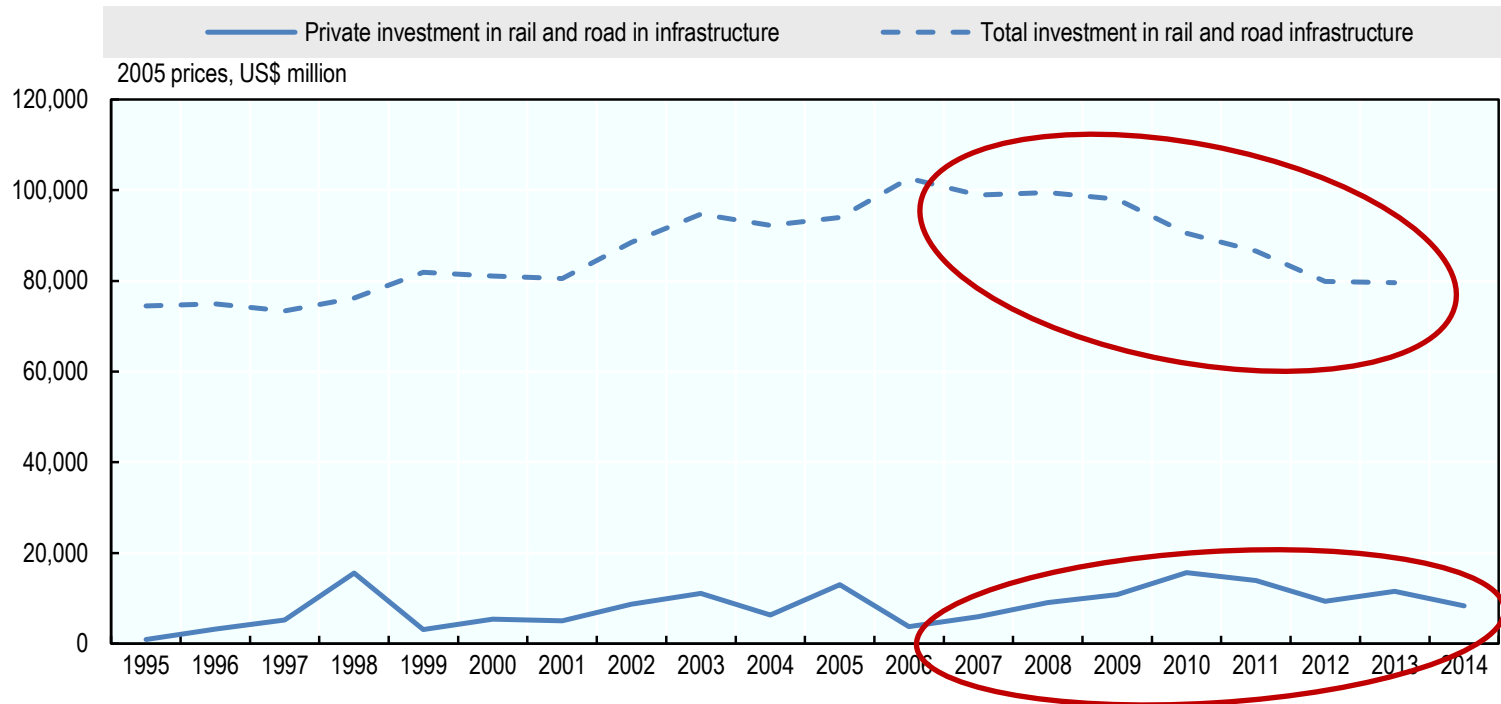
Transport PPPs were concentrated in a few countries

Cumulative Private investment in transport infrastructure per European OECD country and mode, 1995-2014, US\$ million



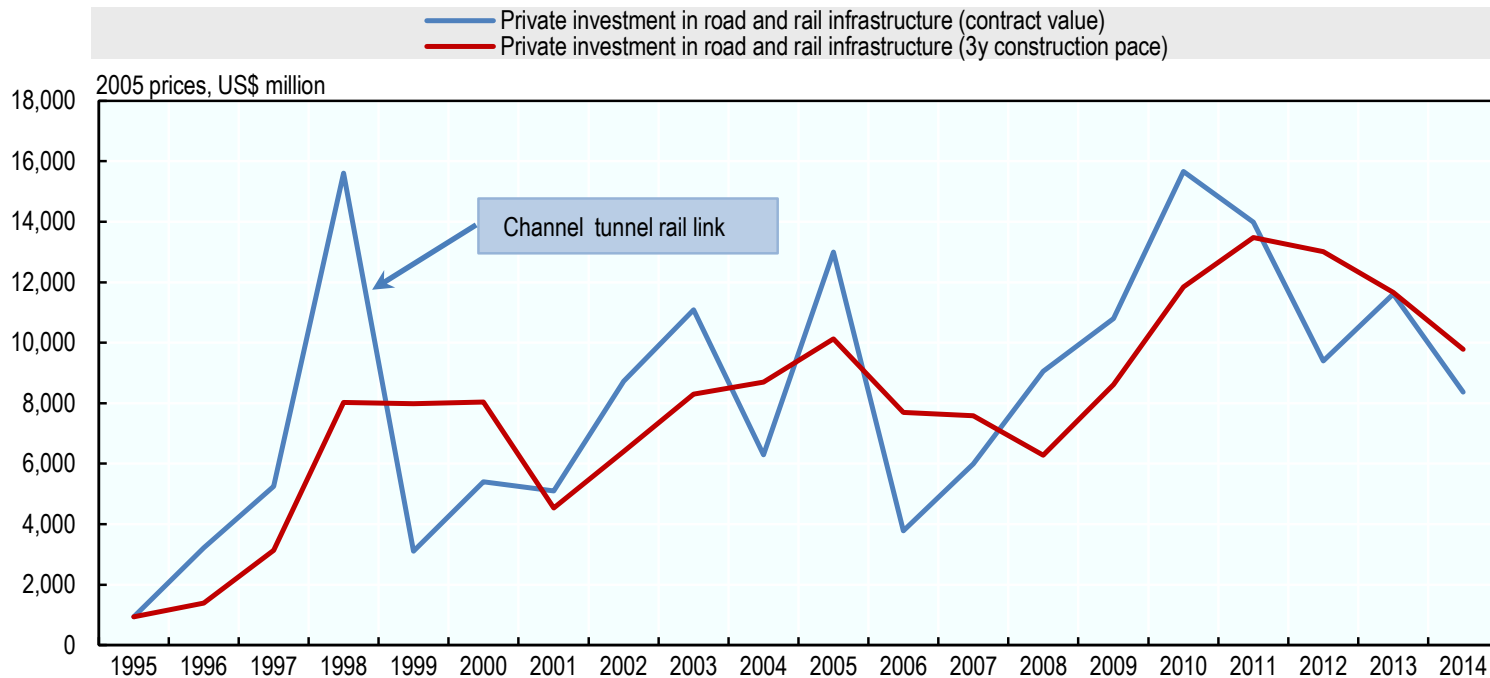
Public investment sustained a much bigger drop than PPPs

Private and total investment in road and rail infrastructure in OECD7* countries, 1995-2014, US\$ million, 2005 prices

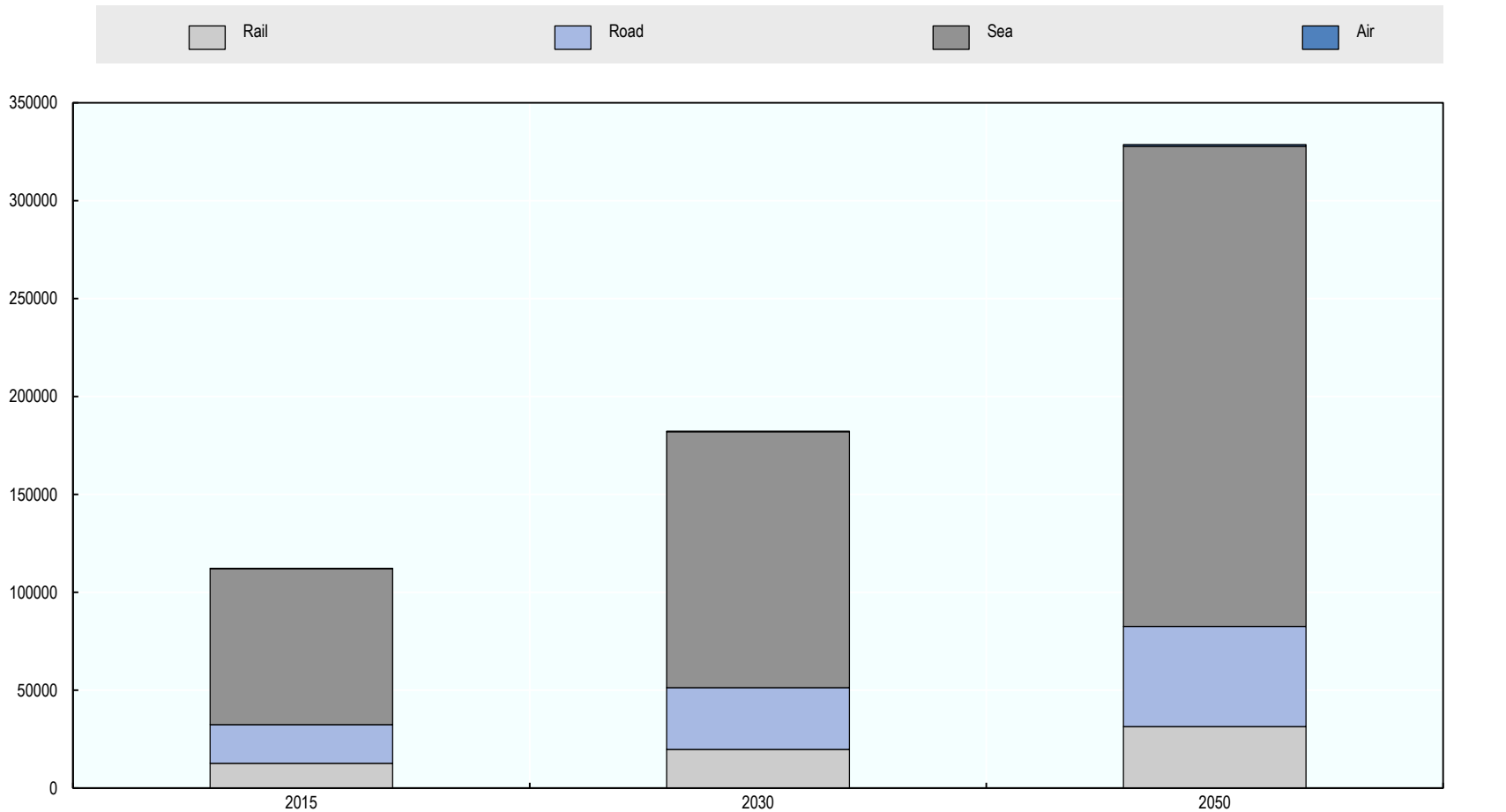


Effectively transport PPPs grew in value until 2010

Private investment in road and rail infrastructure in OECD7 countries, contract value vs. construction pace, 1995-2014, US\$ million, 2005 prices

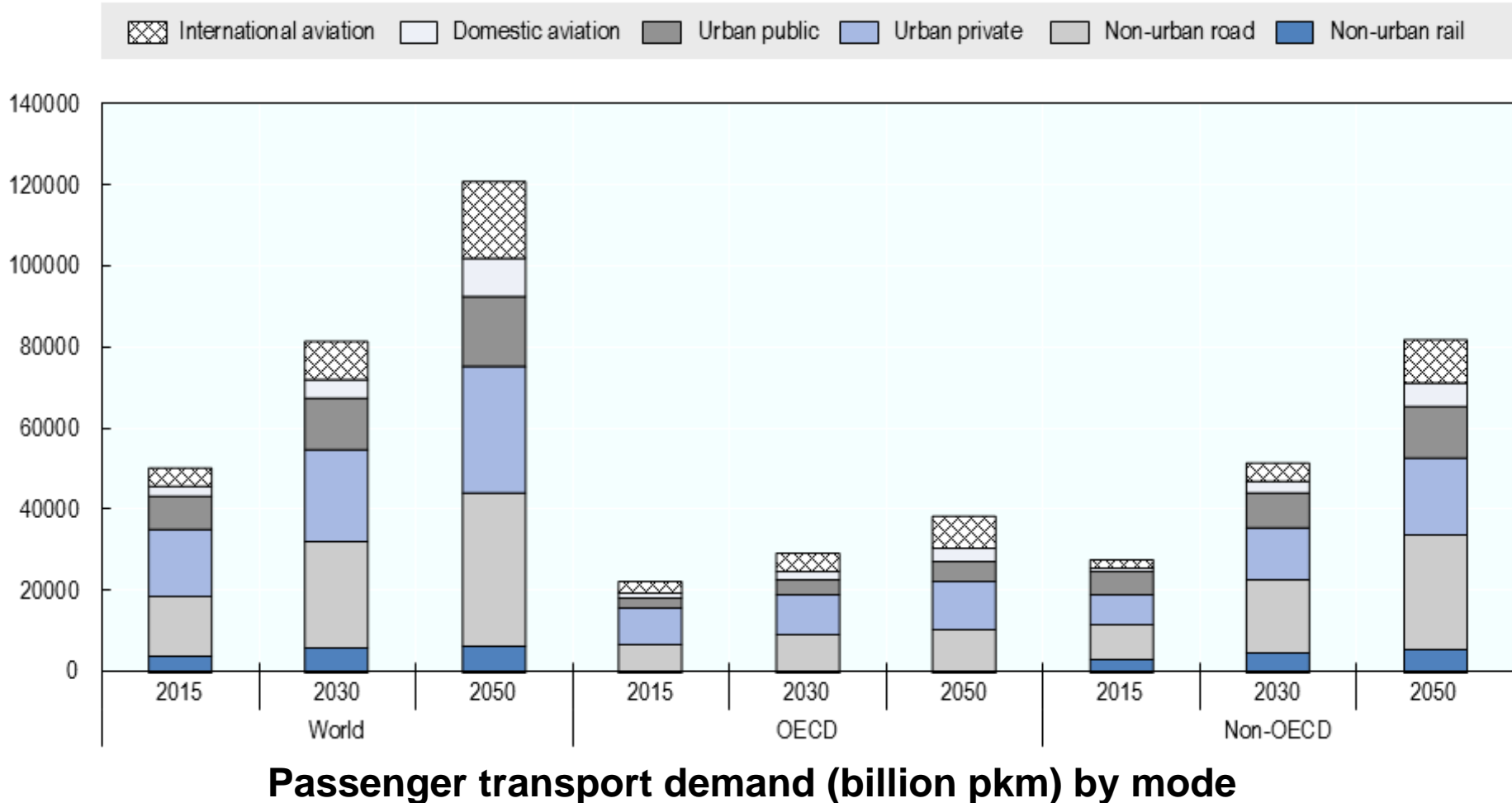


The future - Global freight demand



Freight transport demand (billion tkm) by mode


Global passenger demand



LT future of transport infrastructure – investment

- The projections above were if the world would remain as it is today! In terms of technology, this is unlikely!
- The impact of new mobility solutions:
 - Shared driving
 - Autonomus vehicles + smart infrastructure

ITF's simulations for Lisbon:

- Showed 30 % reduction of traffic, when using an optimised system of future mobility solutins
 - Only 3% of vehicles needed to deliver same mobility as today
 - Removed need for all on-street parking!
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Thank you

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