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Evaluating CO<sub>2</sub> emissions in inland transport and climate change  
mitigation

# ForFITS activities during 2017

*Nathan Menton, 80th ITC session, 20-23 February 2018*

**TRANSPORT**



# *Application of ForFITS to Mannheim, Germany*



- **Part of the Transport, Health and Environment Pan-European Programme (THE PEP)**
  - THE PEP relay race workshop in Mannheim, Germany – 200<sup>th</sup> anniversary of invention of bicycle
- **Data collection by local authorities**
- **Forecasts of Well-to-wheel CO<sub>2</sub> emissions for transport under the following scenarios**
  - Reference
  - Environmental culture shift
  - Shift to public transport



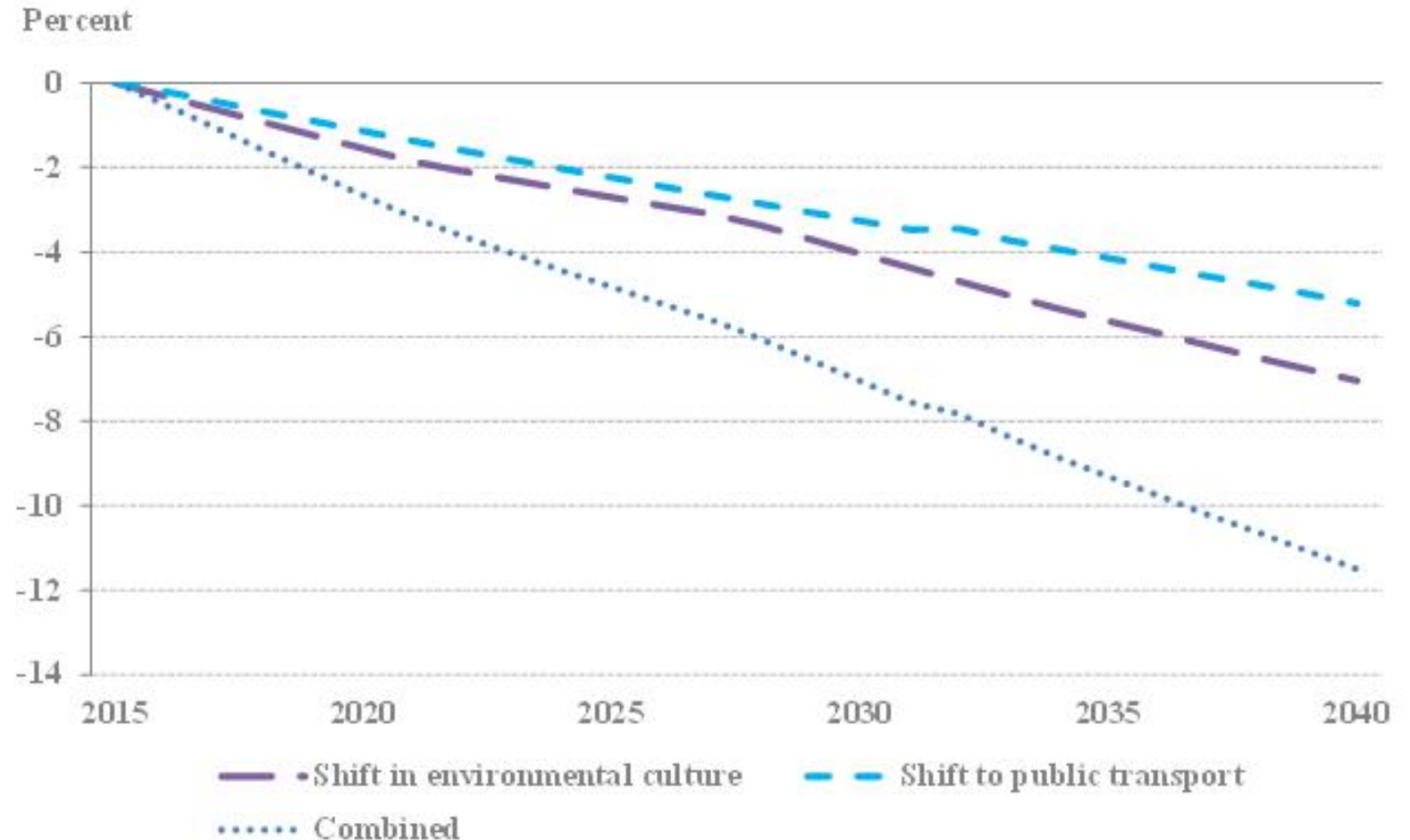
# Mannheim – Projections of well-to-wheel CO<sub>2</sub> emissions under various scenarios (2015-2040)



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- **Substantial decreases forecasted by 2040 from different scenarios compared to reference**

- Shift in environmental culture - 7 per cent decrease
- Shift in public transport – 5 per cent decrease
- Combined scenario – 12 per cent decrease






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## SAFE, CLEAN, SECURE AND EFFICIENT MOBILITY FOR PEOPLE AND FREIGHT

 Inclusive International Legal Architecture

 Effective Public Administration

 International Cooperation

 Innovative Financing

 New Technologies

 Social Responsibility

enablers

objectives

Seamless B / C

Facilitated international transport

Reduced GHG emissions

Reduced air / noise pollution

Increased P.T. Mobility Choices

Zero traffic fatalities and injuries

Efficient transport services

Enjoyable walking and cycling

The future  
Inland Transport  
WE WANT!



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