

# Scenarios of our environment in 2030 – Prospects for Europe

Sandra Wappelhorst, ICCT Europe  
Mobility4EU workshop, Brussels, 24 October 2017



The EU has adopted a 30% GHG reduction target for non-ETS sectors below 2005 levels by 2030

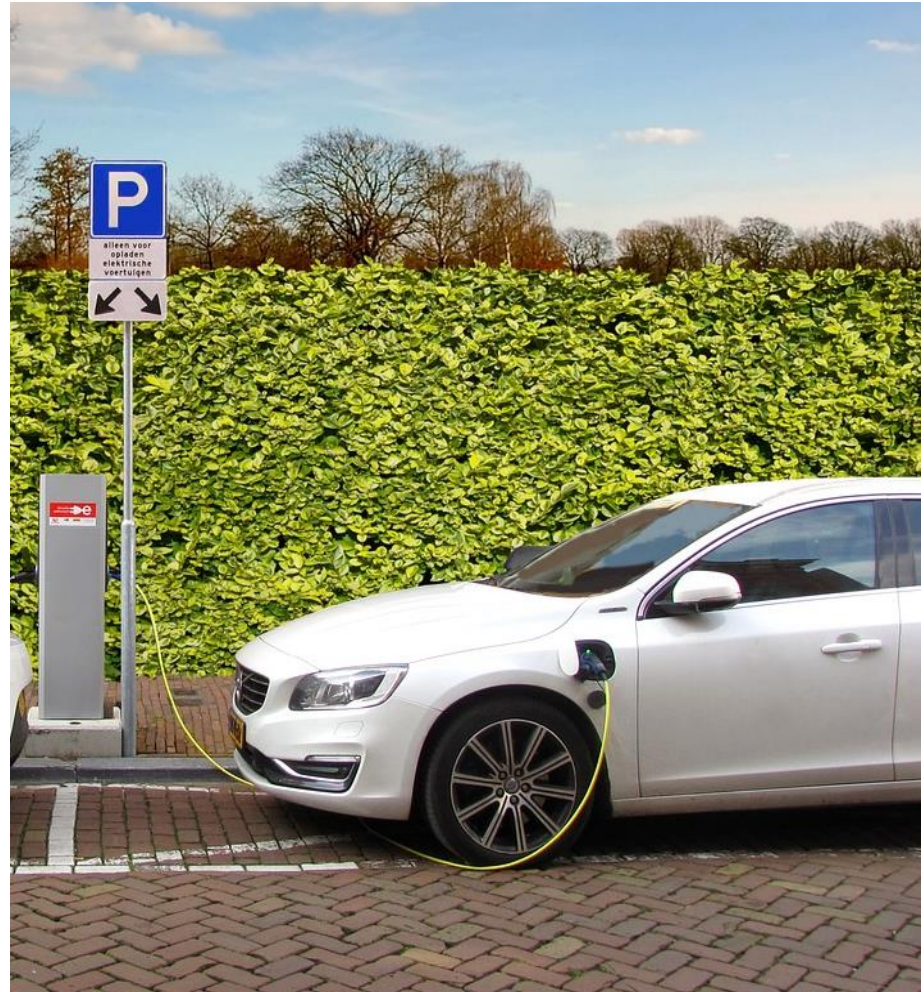


The question is: Which transport policies could achieve the 2030 target?

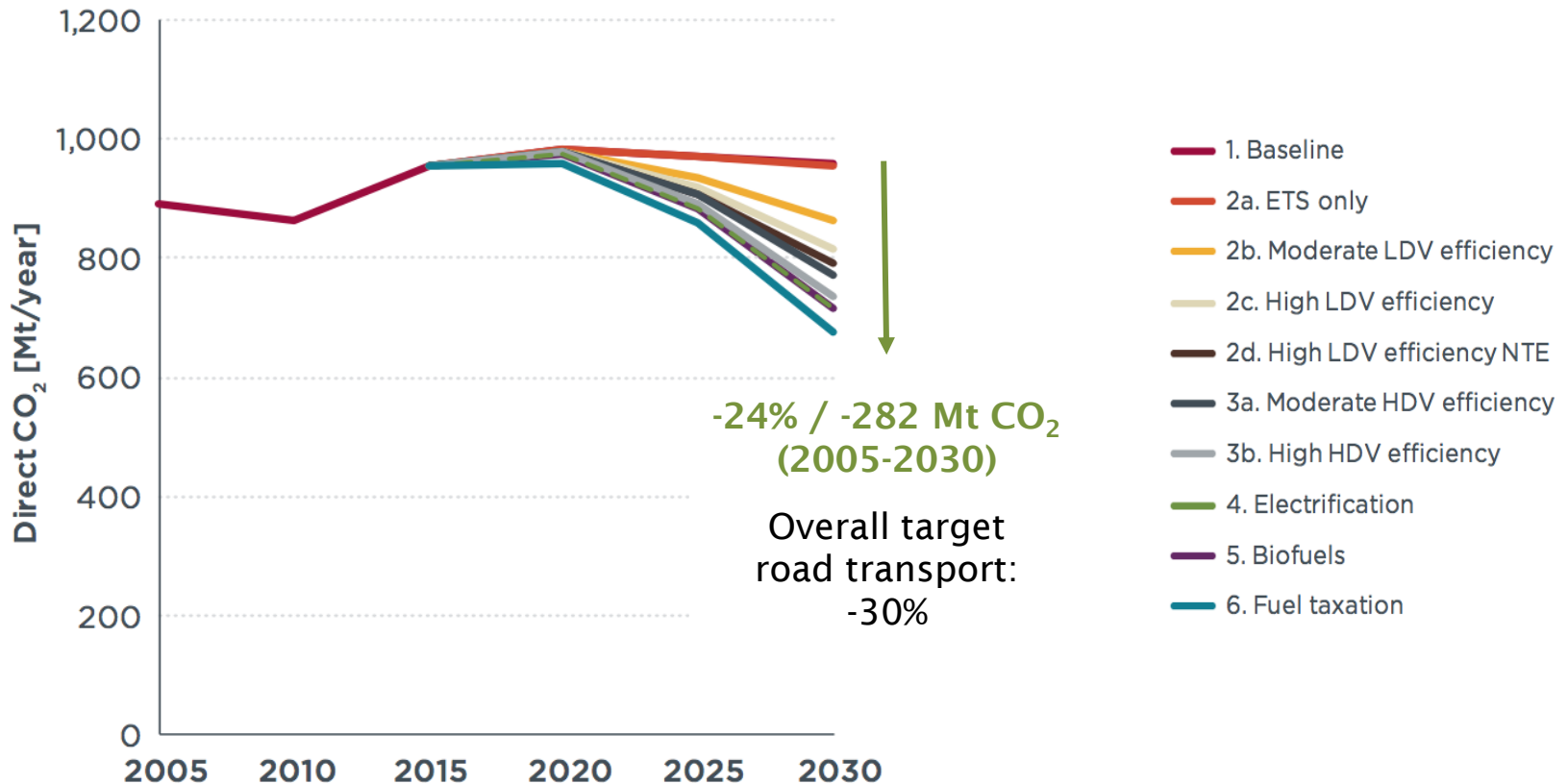


## Electric-drive vehicles

- Assumption: 23% of new LDV sales in the EU by 2030 (8.8% PHEVs, 12.8% BEVs, 1.2% hydrogen fuel cell vehicles)
- Policy actions include:
  - ▶ Consumer incentives
  - ▶ Charging infrastructure
  - ▶ R&D
  - ▶ Deployment goals
- ▶ Transitioning the LDV fleet to electric-drive vehicles could avoid 19 Mt CO<sub>2</sub> emissions in 2030



# Combined technology options for clean vehicles and fuels, as well as fuel pricing policies could reduce CO<sub>2</sub> emissions by 24% compared to 2005 levels in 2030





# MOBILITY 4 EU

## Action Plan for the future of mobility in Europe (690732)

Project funded by the European Commission within the H2020 Programme (2014-2020)

