

The future is now

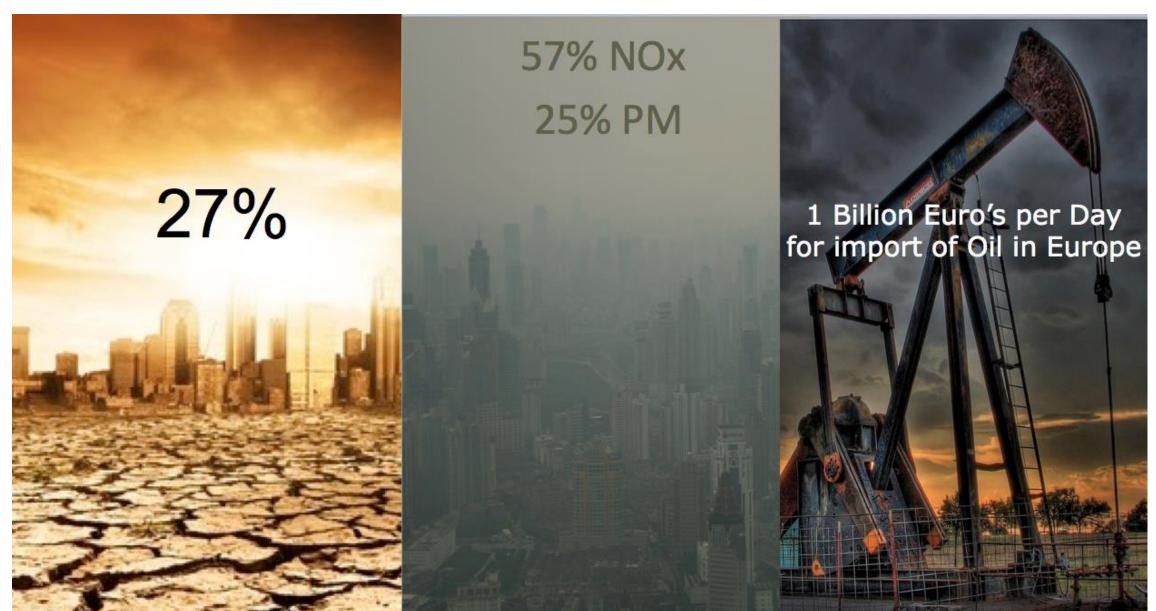
Philippe Vangeel

Secretary General AVERE





AVERE





AVERE – Passion to electrify since 1978

European network of members: EV users, NGO's, Associations, Interest groups, Public Institutions, Research & Development entities, Vehicle and Equipment Manufacturers and other relevant Companies

www.avere.org









AVERE















EVS is organized by the World EV Association

EVS is now held every year in Asia, America or Europe

NOV 1969 Phoenix, Arizona, U.S.A.

INTERNATIONAL ELECTRIC VEHICLE SYMPOSIUM & EXHIBITION





Top 3 Barriers for EVs



High purchase cost

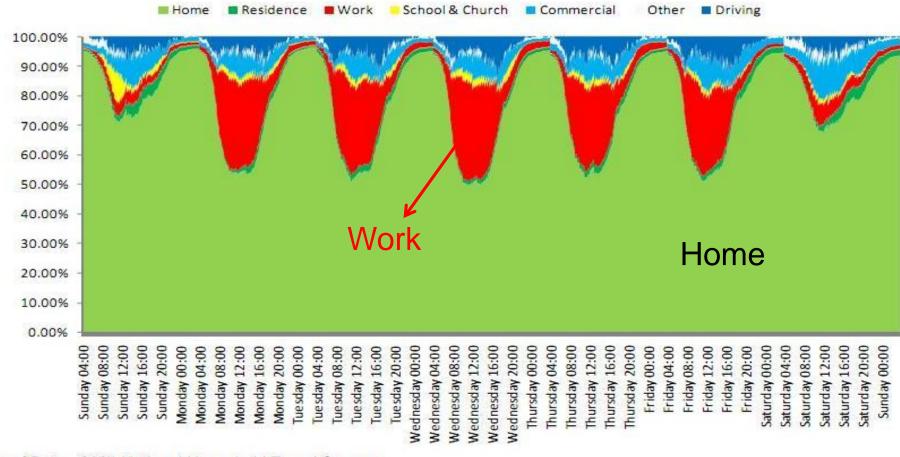


Limited driving range



Limited charging infrastructure

Infrastructure needs Where is your car during one week?



Source of Data - 2001 National Household Travel Survey; GM Data Analysis (Tate/Savagian) - SAE paper 2009-01-1311





The Evidence Pyramid

Systematic reviews

Metaanalyses

Randomised controlled trials

Longitudinal studies

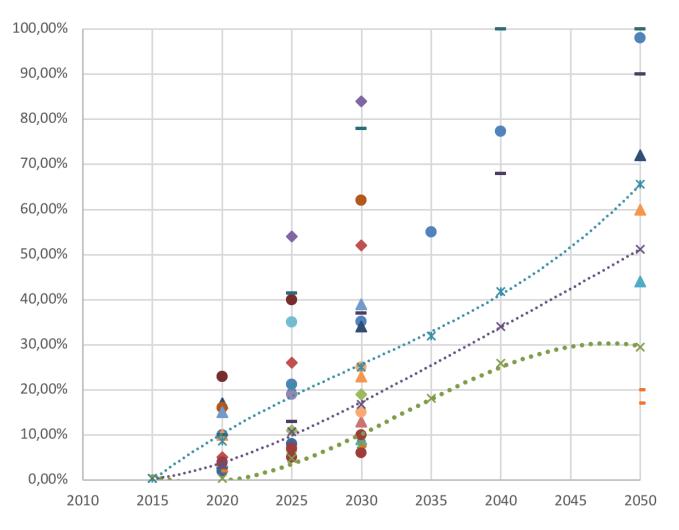
Cross-sectional studies

Commercial non peer-reviewed consultancy research reports

Expert opinion, anecdotes, case studies

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- IEA (2011)
- ◆ CE Delft (2011) Scenario 1
- ◆ CE Delft (2011) Scenario 2
- ◆ CE Delft (2011) Scenario 3
- ▲ JRC (2011) EU -15 Low
- ▲ JRC (2011) EU -15 Medium
- ▲ JRC (2011) EU -15 High
- AT (Kearny 2012)
- Camecon (2013) Tech 2
- Camecon (2013) Tech 3
- McKinsey (2014) Below 10
- ▲ McKinsey (2014) Below 40
- ▲ McKinsey (2014) Below 100
- Wyman (2015) Scenario 1
- Wyman (2015) Scenario 2
- Wyman (2015) Scenario 3
- SCelecTRA (2015)
- ACEA (2016)
- Roland Berger (2016)
- EU (2016)
- × ZEV S1
- × ZEV S2
- **x** ZEV S3











Thank you!

Philippe Vangeel