

eceee 2017: Panel 4 –

Mobility, Transport + Smart & Sustainable cities



Tesla is the most valuable US motor company!

- Tesla overtook General Motors & Ford in terms of market capitalisation (Total value of all shares held) in 2017
- GM made around 130 times more cars than Tesla
- Tesla lost \$773m - GM made \$9bn in 2016!

But...

- Tesla makes only electric cars.



Is it a technology revolution or a big 'bubble'...or a bit of both?



*Revolution my arse! It's just another
f@*~\$g CAR!!!*

Transport professor @ecee 2017*

* Informal session (in the bar)

Free floating car sharing

Peak car?

Community engagement

Intermodality

Living Labs

Uber
Gett
Citymapper
Whim

Car2Go
Drive Now
Bla Bla Car

City-level comparisons & cooperation

What to do about trucks?

Lifestyle change, planning & technology

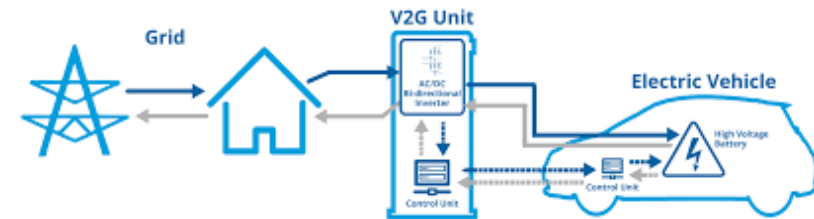
'Smart buildings'

Powergrid implications of EVs

H2 Fuel Cells
LNG
Synthetic fuels

Emerging themes...

- Vehicle electrification impacts on the powergrid (increasingly variable supply with more flexible demand)



- Closer connections between energy for buildings and energy for transport
- Smarter, more proactive cities (esp US in era of Trump!) & more collaboration
- More disruptive mobility service offers through smartphone-based ICT
- The role of engaging the public (not only as users) in sustainable (“smart”) cities

Expect more of these @ecee 2019...