## IEEE SmartGridComm 2017 Panel HOW WILL ELECTRO-MOBILITY IMPACT THE POWER GRID?

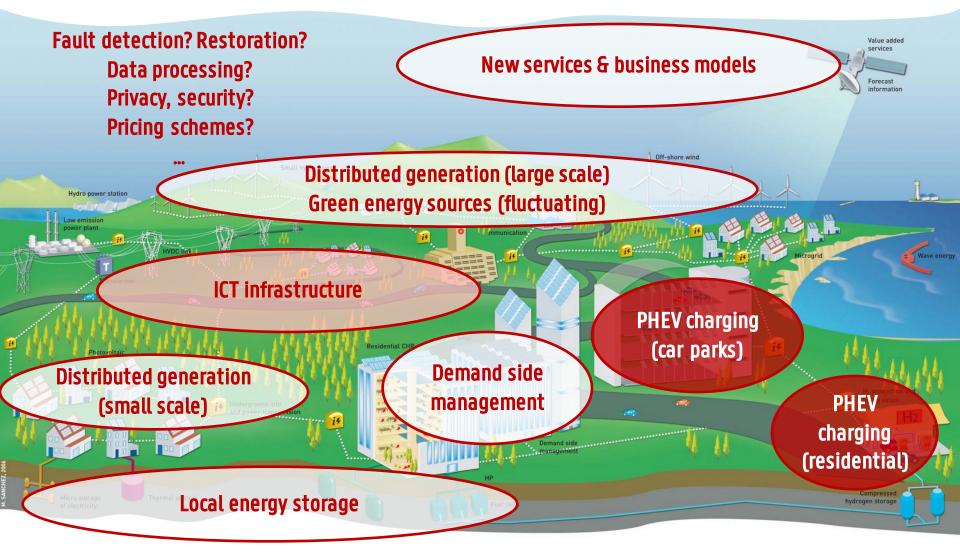


Chair: Chris Develder (Ghent University – imec, Belgium)





## **SMART GRIDS**







## QUESTIONS

- Impact on the power grid?
- Need for flexibility & EV charging coordination?
- Vehicle to grid?
- Practical impediments?
- What are the ICT challenges?
- Market models?
- Environmental benefits?







## PANELISTS



Marc Petit CentraleSupelec, France on EV charging needs as seen from a power grid perspective



**Christian Rehtanz TU Dortmund, Germany** on how ICT is the key for new business models



Annelies Delnooz Vito, Belgium on the need & availability of EV flexibility



Massimo Ceralao University of Pisa, Italy commenting on full life-cycle assessment, and well-to-wheels



Flavio Gromann TU Berlin, Germany on a project implementation of an EV fleet charging coordinator



