



PS6 - IoT & data analytics for new materials solutions

- Big Data & IoT will favour materials efficiency for better growth and will lead to material efficient new product designs
- Digital Technology disrupts business models shifting from traditional competition to alliances, partnerships and new collaboration models
- IoT in the automotive industry:
 - Push ; Better knowledge of the customer uses for better design of new vehicles leading to functional reduction as well as less time spent on test sessions
 - Pull: More efficient & digital manufacturing using less, longer and smarter – e.g. 50% of the breakdown could be anticipated
- IoT in ‘infrastructure’; Through advanced metering infrastructure and smart sensors, It can drive sustainable growth through extension of infrastructure life time & efficient capital planning
- Collaboration with Public Partners and Regulators could foster the IoT Transformation