



Collaborative and interdisciplinary approach enabling future mobility

Giorgio Cornacchia Centro Ricerche Fiat - CEO

CARS - Center for Automotive Research and Sustainable mobility@PoliTO – Politecnico di Torino (Italy)

February 9th, 2018

























Index

- Transport system and Future Mobility
- Integrated Approach for Sustainable Mobility
- European Technological Initiatives dealing with "CARS"

Transport system and Future Mobility





Mobility and **Transport** sectors have to face in the coming future a deep transformation. The main strategic domains will be:



Safe & Integrated Mobility

- Digitalisation
- Safe and secure connected vehicles (incl. privacy protection)
- Enabling SAE level 4 automated vehicles
- ☐ Certification and validation for automated driving
- Future integrated mobility: vehicles, business models and solutions



Sustainable Propulsion

- Optimised powertrain technologies for future hybrid vehicles and renewable fuels
- □ Affordable Zero Emission Vehicles (BEVs/FCEVs)
- ☐ Sustainable Fuels & Energy Provision

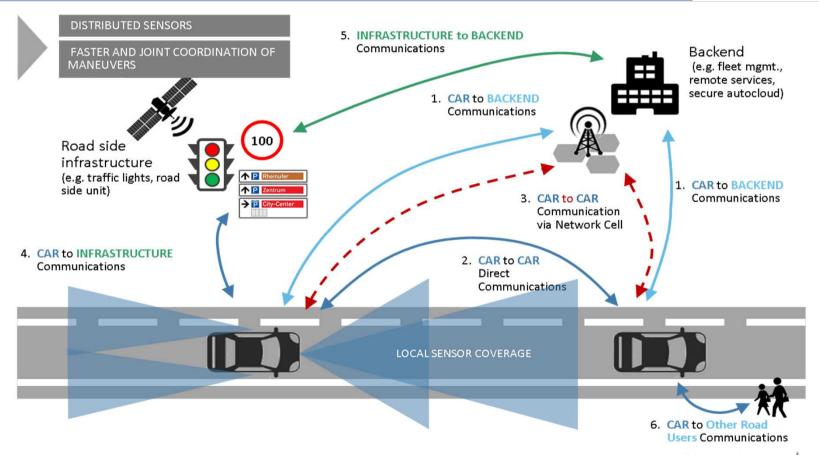


Affordability & Competitiveness

- Digital breakthrough of automotive development and manufacturing
- Affordable lightweight and efficient vehicles
- Competitive automotive innovation cycles

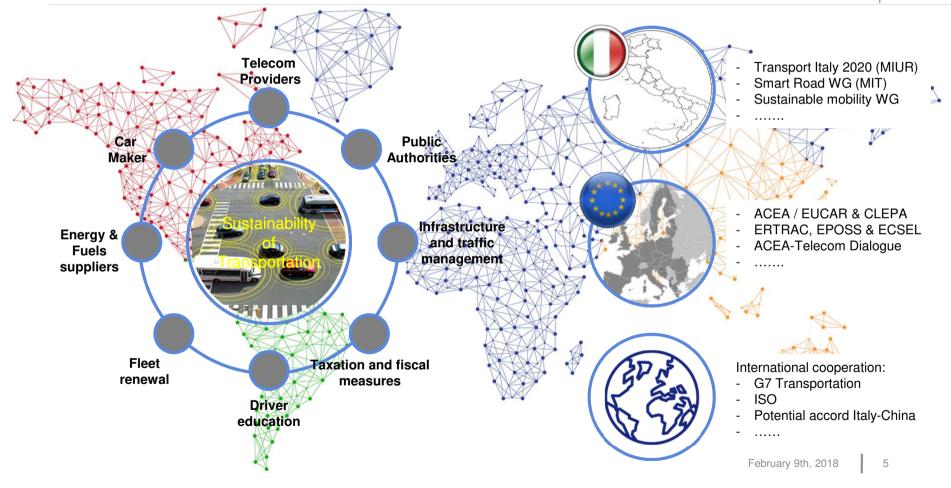
Communications in the Future





Integrated Approach for Sustainable Mobility





European Technological Initiatives





