

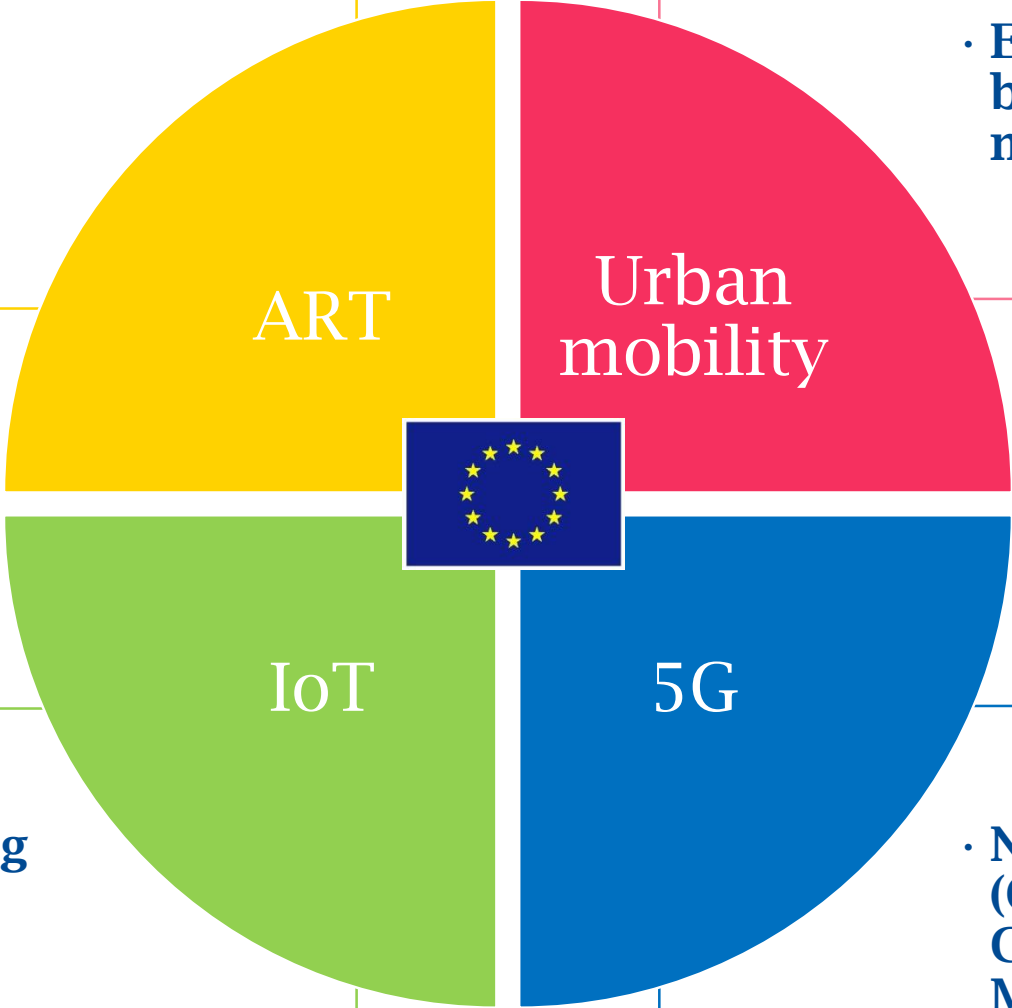


**ERTICO**  
ITS EUROPE

# 25th ITS World Congress in Copenhagen AASHTO International Day



- **ICT architecture for AV**
- **Roadworthiness**



- **Urban Mobility of All**
- **Emerging business/operating models**

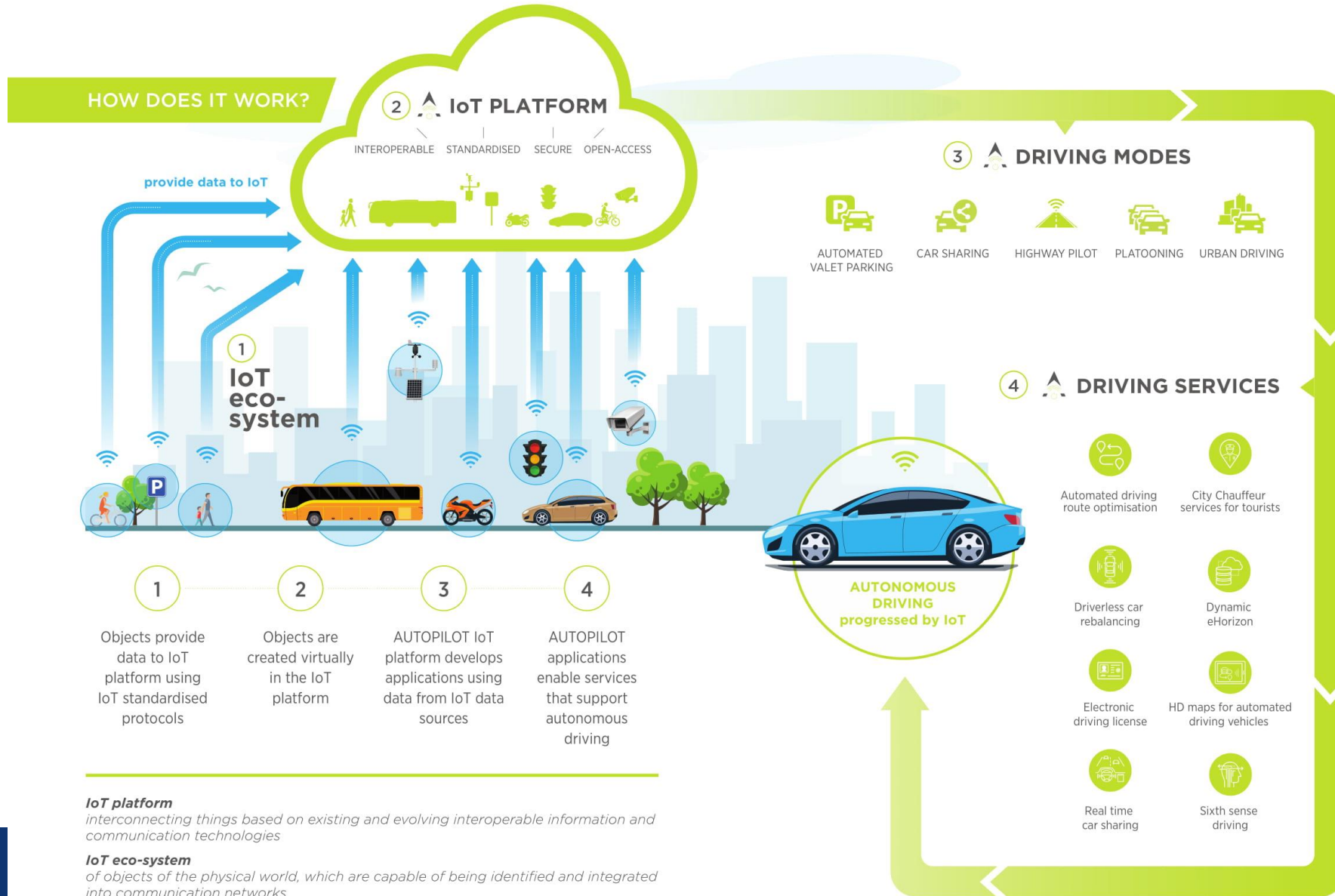
- **Cloud/fog computing for AV**
- **Trust in IoT**

- **NGN for CCAM (Cooperative Connected Automated Mobility)**

# AUTOPILOT – IoT for AV - EU H2020 Innovation Action - (mid-term)



IoT LSPs  
5 actions  
100 m€



**IoT platform**

interconnecting things based on existing and evolving interoperable information and communication technologies

**IoT eco-system**

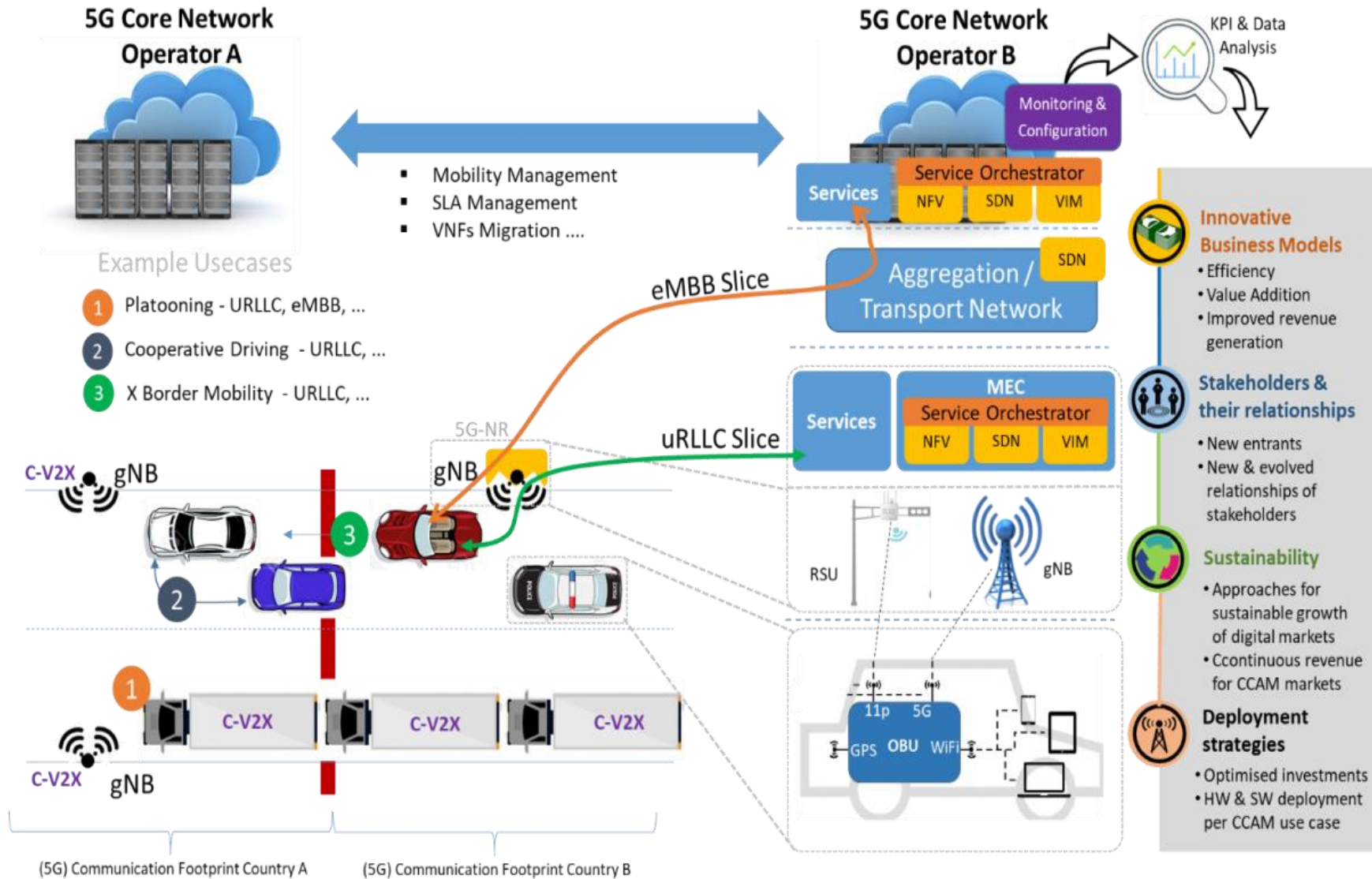
of objects of the physical world, which are capable of being identified and integrated into communication networks



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# 5G-MOBIX – 5G for CCAM EU H2020 Innovation Action - (under preparation)

5G for CCAM  
3 actions  
50 m€



# AV policy

- Open Access to data
  - Distributed sensors/crowd sourcing allow Open data access business models
  - Open not meaning systematically for free – rather easing x-domain x-business
  - Increased privacy protection – need trust in data
- GDPR – challenge or opportunity
  - new challenges for collecting and using data
  - provides an EU scheme for Protection of Privacy
- Connectivity regulations and spectrum
  - D2D issues with long life cycle of Road Transport components
- Cloud/fog computing approaches
  - more connectivity agnostic – potential latency barrier addressed by NGI/NGN
  - provide harmonised/standardised architecture allowing x-domain cooperation
- AI
  - Need for huge learning data set
  - How to test/certify



**Thank you**  
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