

ToD in 5GCroCo

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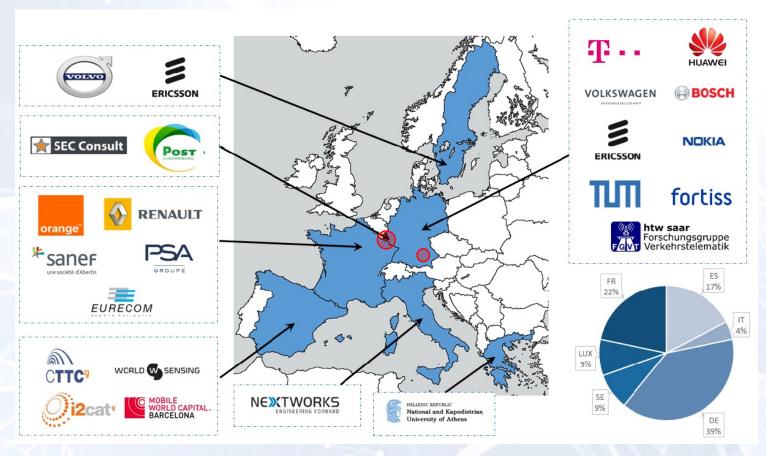
2nd December 2021, 5G-Blueprint Forum on Teleoperation



The project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 825050-5GCroCo



Fifth Generation Cross-Border Control



- 24 partners from7 European Countries
- Total project budget ≅ 17M€
- Expected EC contribution ≅ 13M€
- ► Project duration: 44 (36) Months until 06/2022 (from proposal 10/21)
- 3 CCAM key use cases demonstrated
 - Tele-Operated Driving, HD Mapping,
 Anticipated Cooperative Collision
 Avoidance

Validation of 5G technologies for cross boarder Connected Cooperative Automated Mobility use cases



Three CCAM Key Use Cases



► HD Maps for Enabling **Autonomous Driving** HD



► Anticipated Cooperative **Collision Avoidance** ACCA



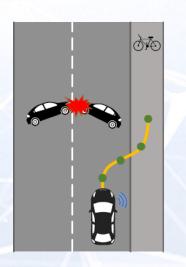


Two Concepts for Tele-**Operated Driving**

Direct Control



Indirect Control







Four User Stories

User Story 1

Direct Control, Low Velocity, Closed Area



User Story 2

Indirect Control, Low Velocity, Closed Area



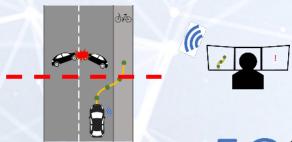
User Story 3

Only Monitoring, Varying Velocity, Open Area



User Story 4

Indirect Control with Slim Uplink, Low Velocity, Closed Area





Thanks!!

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