5G for Roads

Operations

Vehicle Operations

- Network / QoS (e.g. remote operations such as teleoperation, AVP, ...)
- Network / Low latency / MEC (e.g. safety related traffic information, ...)
- NTN (service resilience for e.g. bCall/eCall, remote access/control, ...)
- Direct Communication
- Network / Precise Positioning

Traffic Infrastructure Operations

- Network / / QoS (e.g. preemption ....)
- Network Low latency / MEC (e.g. safety related traffic information e.g. about road maintenance cars, ...)
- NTN (service resilience for e.g. maintenance cars in remote areas, ...)
- Direct Communication
- Network & Direct? Precise Positioning
- ....

Driver/Passenger

Passenger / Car Driver connectivity

- Using data plan of the passenger/driver
- Using data plan of the car OEM (limited)
- Bandwidth split / DSDA / ....

- NTN (service resilience for e.g. bCall/eCall, remote access/control, ...)

> Seamless mobility
> x-border
> (x-operator)

- Public Financing of Communications Networks
- Private Financing of Communications Networks