Digital Infrastructure

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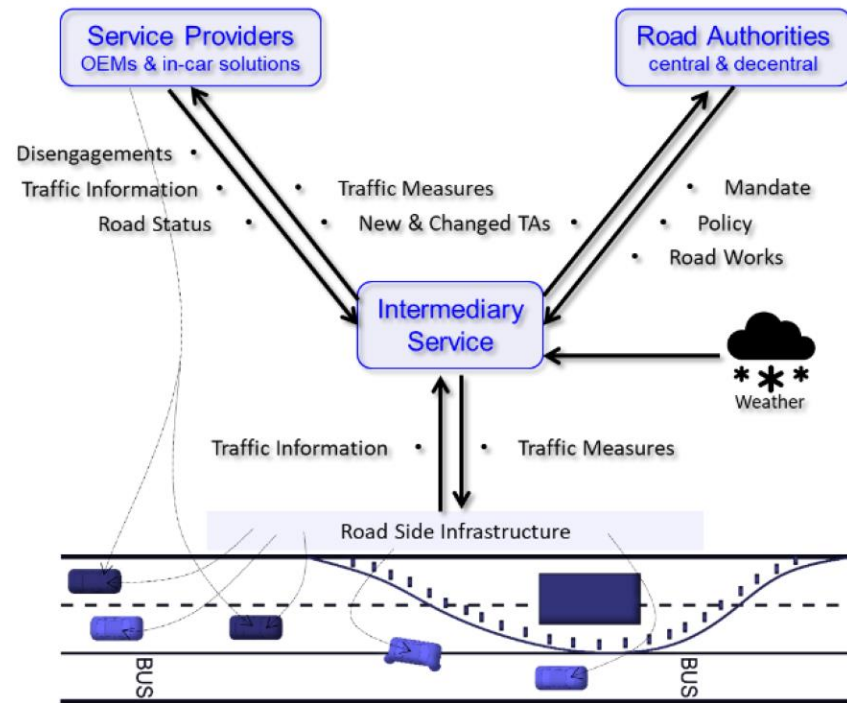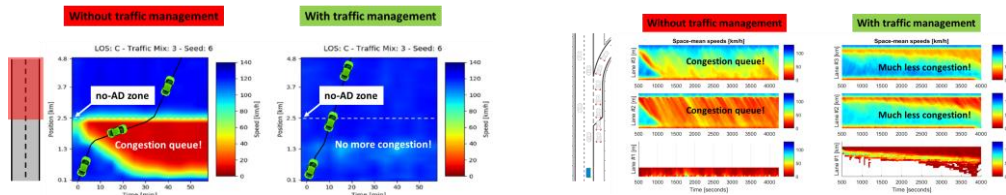www.facebook.com/transaidh2020/

Topic definition

- **More stakeholders** ➔ more complex traffic management

- **V2X/C-ITS ecosystem** ➔ intelligence and sensor data from the vehicles

- **Automated communication** ➔ between road users and the infrastructure becomes a requirement

- **More performant systems** ➔ target CAVs individually

TransAID findings

- Simulation of traffic management measures
- Increase in throughput and/or safety
- Success because **communication** is an integral part

➡️ *TransAID acting as a 'TM service provider'*

Prospects

- Communication becomes a central component for enhanced traffic management

- The C-ITS ecosystem needs to be defined (stakeholders ⇔ roles ⇔ responsibilities)

- The business case is not yet clear (+ 4G/5G ⇔ ITS-G5 ⇔ hybrid)

The panel

Mikael Ivari

City of Gothenburg and Polis

Chair of Traffic Efficiency Working Group

Jacqueline Erhart

Asfinag

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Discussion statement (1/3)

We recommend that...

All infrastructure should be managed by a (third) party that also communicates with the vehicles.

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Discussion statement (2/3)

We recommend that…

V2X connectivity is required for any L4 automated vehicle.

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Discussion statement (3/3)

We recommend that…

Data from (C)AVs is ubiquitously and openly shared between all parties.

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Questions? Let's stay in touch!

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