Cooperative ITS Corridor
Joint deployment

Cooperative ITS Corridor – Joint Deployment

“Holistic” Road Works Warning

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On behalf of BASt

Ministry of Infrastructure and the Environment of the Netherlands

Bundesministerium für Verkehr und digitale Infrastruktur

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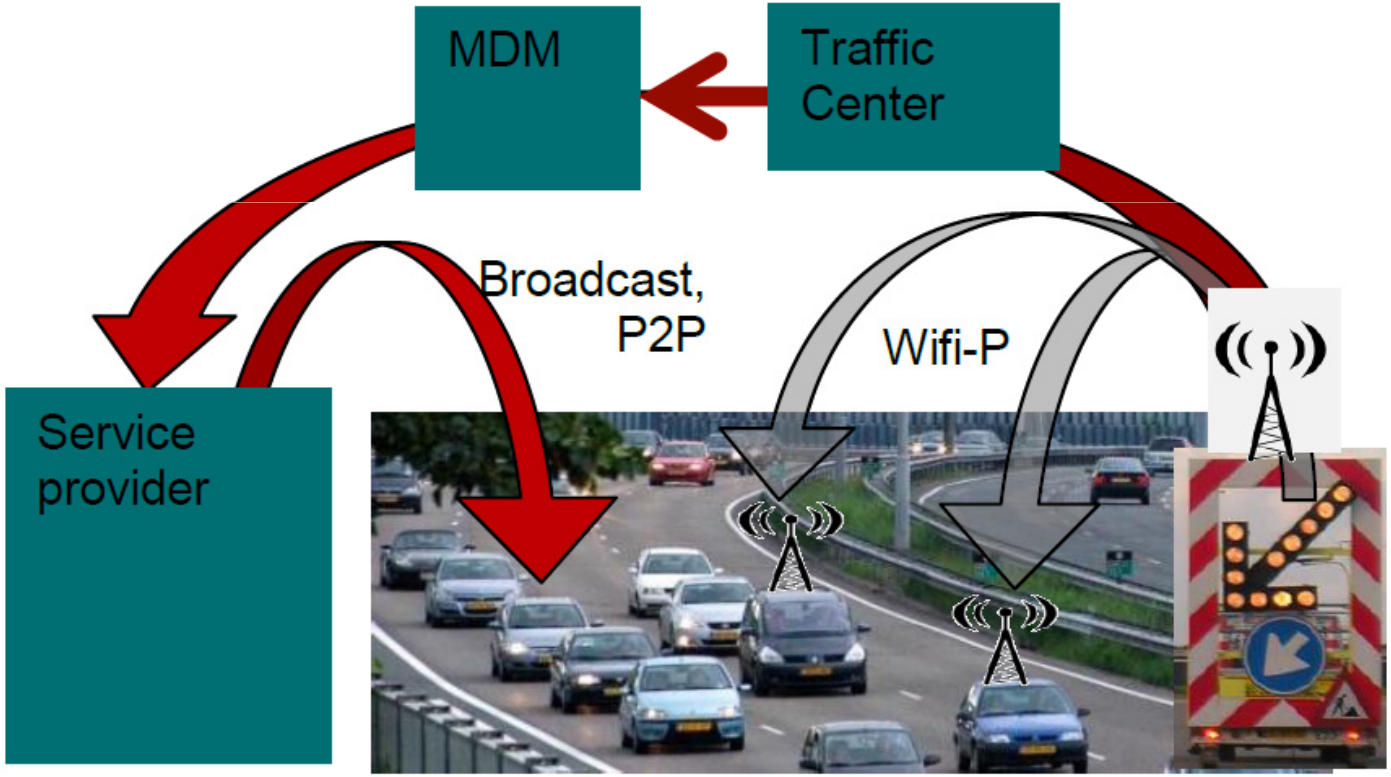
„Holistic“ Roadworks Warning

- Two different communication channels used
- Content is the same



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Traffic information domains, technologies *considering proximity to anevent*

Table 1: Traffic information domains

Domain:	Network	Local	close range
Target range:	100-1Km	1km - 100m	100m -1m
Primary function domain:	navigation, information, warning	warning, positioning of vehicle in traffic flow	Direct response to surroundings
Decision times:	single minutes	single seconds	sub-second
Infrastructure:	Long range	Short range I2V	in-vehicle sensors, close range V2V
Examples of technology used:	Cellular telecom, FM-RDS, DAB	Wifi-p, LTE	Wifi-p, Camera, Radar, Lidar
Examples of protocols used:	TMC, TPEG-TEC, TPEG-TFP	ETSI DENM	ETSI CAM, sensor observations

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Principal challenges

- Appropriate information at each stage
- Multi-standards information exchange
- Seamless change-over experience for driver

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C-ITS Corridor + TPEG feed

BASt objectives

- Experiment with TPEG feed within the C-ITS Corridor
  - Next testing phase planned for autumn 2015
- Identify needed standards changes
- Partners sought to for testing phase
  - Service providers wanting to take in data from MDM and produce an (experimental) TPEG feed
  - Clients with TPEG implementations
  - Especially clients with both ETSI G5 and TPEG implementations

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C-ITS Corridor information

- C-ITS Corridor information is available on the project web site
- Architecture, Data Model and Interface Description available
- http://www.c-its-corridor.de
  - Look under “Info”

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Thank you for your kind attention

Suggestions or Questions?

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