Digital technologies enabling connected and automated driving

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Proximus is preparing the next mobile revolution

"We connect everyone and everything so people live better and work smarter"

Accelerating our transformation towards a digital service provider, delivering superior customer experience





First in Belgium at 70Gbps (in mm waves)

First in Belgium to deploy 4.5G (up to 450Mbps in Download)



First in Belgium to have deployed 4G+ (in 2015)



- 99.7% outdoor coverage
- First in Belgium to deploy small cells in 4G



proXImus

Connected cars Cellular technologies to enable OEM's today businesses

OEM's businesses

- Telematics
- Infotainment
- Security
- Data analytics
- Car sharing
- Usage based Insurance
- Fleet management
- Mobility solutions
- Personal Assistant







Telco's provide

- Coverage
- QoS / Network slicing
- Capacity
 - Network densification
 - Carrier aggregation
 - 4.5 G
 - Latency
- eUICC (OTA provisioning)
- Cloud / Security
- Data packs / contents
- Applications











Welcome to Internet in the Car

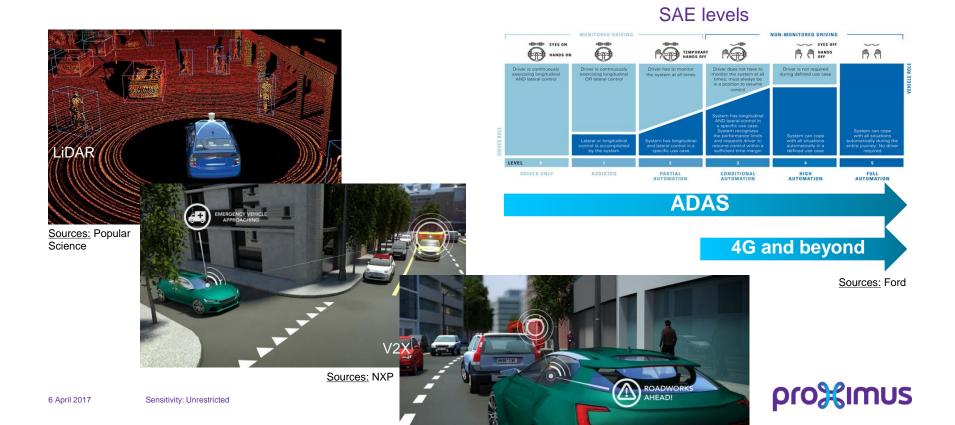






Autonomous cars

Cellular technologies to go beyond what the car "sees"



Autonomous cars

Cellular technologies to enable OEM's new businesses

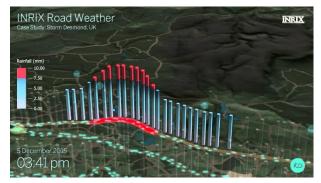
Monetize the new assets

- Real-time images*
 - On-board camera images transferred to Road Safety players for assessing road situations (accidents, traffic-jams...)
- Real-time data*
 - Sharing & computing relevant carrelated data to better know road conditions and improve the safety and the fluidity on the road

This means investments for Telco's.



Sources: ComputerBase / Vodafone / Audi / Huawei







^{*} In respect of Data Privacy Directive

OEM's maturity vs. this new paradigm ?

5.9GHz as technology agnostic C-ITS spectrum band

Data is key

Cross-industry collaboration

