5GAA Automotive Association

# CONNECTING THE MOBILITY WORLD WITH 5G-V2X

Opening speech by Thierry E. Klein, PhD

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@thierry_klein *Learn more at www.5gaa.org*

CONNECTING THE MOBILITY WORLD WITH 5G-V2X

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# Connected mobility for vehicles, people and transport infrastructure

**5GAA brings together the automotive and telecommunications industries to accelerate the global deployment of Cellular Vehicle-To-Everything (C-V2X) as a first step towards a fully integrated intelligent transport system with 5G**

## AUTOMOTIVE INDUSTRY

Vehicle Platform, Hardware and Software Solutions

## TELECOMMUNICATIONS

Connectivity and Networking Systems, Devices and Technologies

**5GAA unites 110+ members* from around the world working together on all aspects of C-V2X including technology, standards, spectrum, policy, regulations, testing, business models and go-to-market**

*as of Jan 2019

5GAA Automotive Association

GSMA MWC19 Barcelona

*Ecosystem* ***Cooperation***

**VDT Alliance**

CONNECTING THE MOBILITY WORLD WITH 5G-V2X

# 5GAA Priority Areas

## Joint Ecosystem

Create a joint eco system between **car – smartphone - home**

## Vehicle to Smart Device

**V2X-based vehicle interface** for smartphone controlled functions

## Push V2N

Ensure functional rollout of **V2N based applications** in order to reach broad penetration fast

## Edge Computing

Undertline Edge Computing as one of the **key elements of the connected future**

## New Radio

“Define the next step” - accelerate definition of **5G-V2X** based on 5G New Radio

## Interoperability

Ensure **cross OEM** cars and **cross operator** networks **can “speak“ with each other**

CONNECTING THE MOBILITY WORLD WITH 5G-V2X

5GAA Automotive Association

C-V2X Technology

Standards and Ecosystem

Worldwide Trials and Deployments

Business Opportunities

Societal Impact and Benefits

# Pioneering digital transformation in the automotive and transportation industries

*www.5gaa.org*

CONNECTING THE MOBILITY
WORLD WITH 5G-V2X

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# Thank you!