



# 5G Automotive Association

pioneering digital transformation  
in the automotive industry





# Cellular-V2X

## Driving Vehicular Communications Forward Around the World

Ed Tiedemann

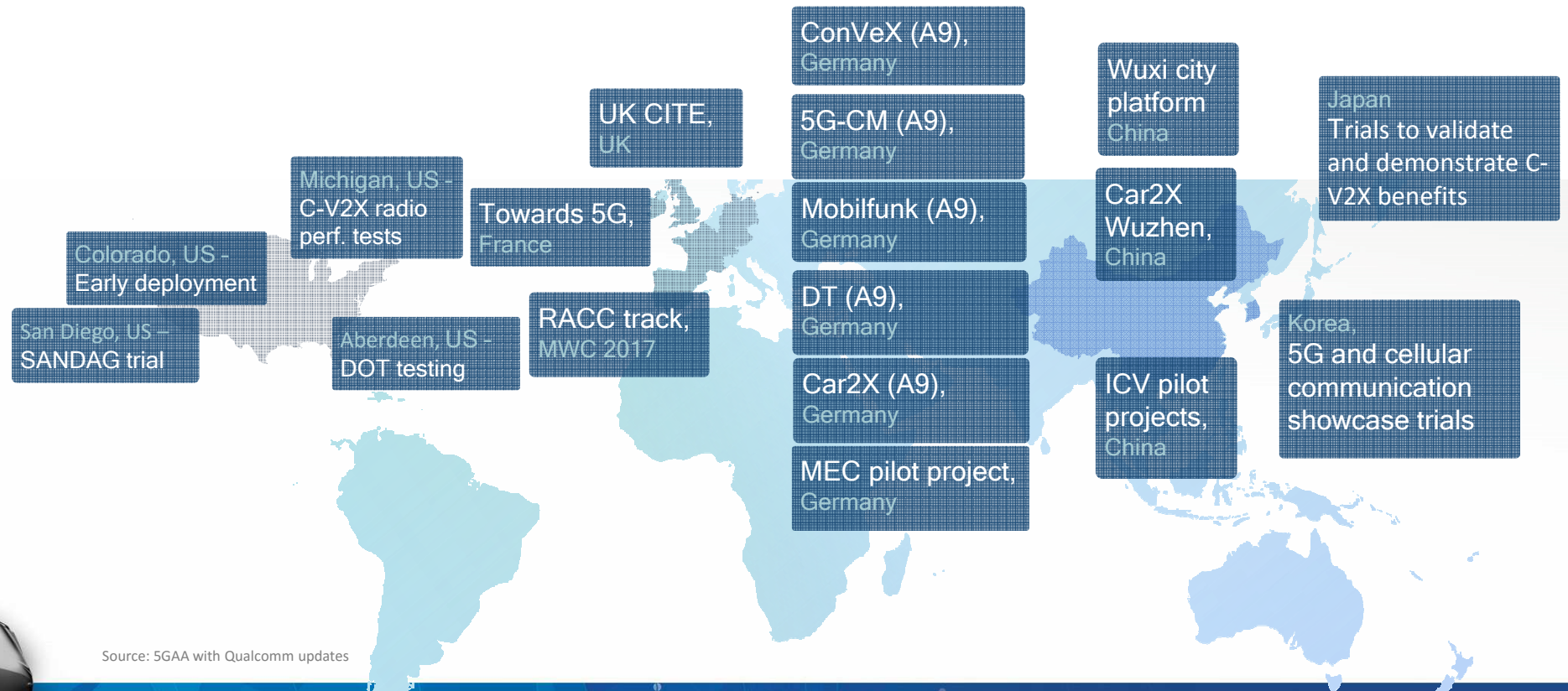
Senior Vice President, Engineering  
Qualcomm Technologies, Inc.

# What Has Changed to Make C-V2X Attractive

- 1 Deployment of cellular systems in vehicles – OnStar, eCall, etc..
- 2 Development of 3GPP Release 14 C-V2X with better performance
- 3 Evolution to 5G
- 4 Ability to unify communications modes
- 5 Possibility of one multi-purpose radio
- 6 GNSS deployments
- 7 Bringing together of Auto and Telecom industries, including creation of 5GAA
- 8 Energy of community
- 9 Product announcements
- 10 Timing



# Known public worldwide C-V2X trials



Source: 5GAA with Qualcomm updates



# C-V2X Demo Video

Washington DC C-V2X  
Interoperability Showcase



