

# The European Projects 5G EVE and 5GCarmen

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TIM



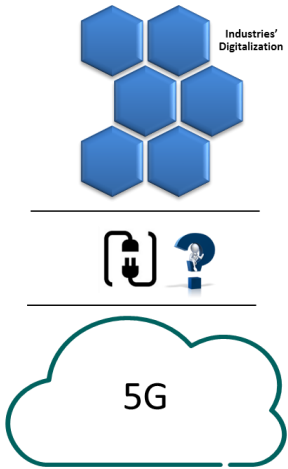
# Bio of the presenter

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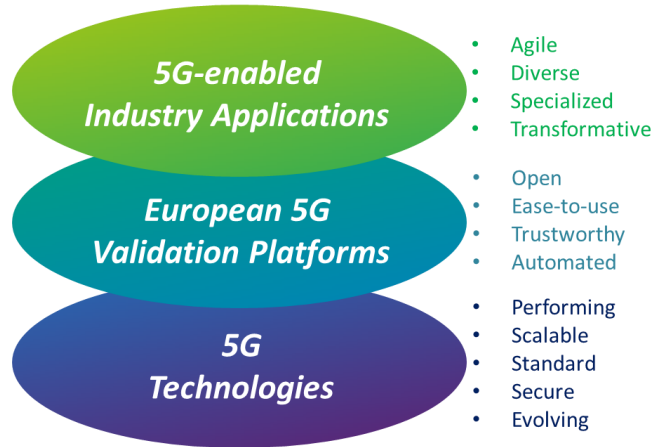
- Mauro R. Boldi graduated with full marks at Politecnico di Torino, Italy, in 1998. He joined CSELT, the research centre of Telecom Italia, in the same year, where he has been involved in radio access network topics, with activities on antenna and propagation, radio over fibre, collaborative networks, energy efficiency, vehicular solutions. He is author of patents and papers on the same topics, and he is also author of the chapter on Coordinated Multipoint solutions in the book entitled “Mobile and wireless communications for IMT-advanced and beyond”, published after the Winner+ project in 2011 by J.Wiley&Sons. Mauro contributed to the chapter on 5G Architecture to the Cambridge University Press book titled “5G Mobile and Wireless Communications Technology”. Mauro is the editor of the book “5G System Design: Architectural and Functional Considerations and Long Term Research” published by Wiley in April 2018. Mauro has been involved in many European projects, among which Winner+, Artist4G, Earth, METIS and METIS II, 5G-MoNArch. Mauro is currently the coordinator of the project 5G EVE, vice-coordinator of 5G Tours and contributes to 5G Carmen as well. Mauro is a TIM delegate in 5GAA.
- This presentation suits well with 5GAA WG1, WG2, WG3 and WG4, partially WG5 and WG6

# The 5G EVE project

From: Two Worlds



To: One Innovation Ecosystem



5G EVE – Participating Verticals

Horizon 2020 ICT-19 Projects

Industry 4.0

Utilities

Smart Cities

Vertical Apps

Tourism

Media

Transport

↓ Foreground input

5G EVE's Integrated Portal for 5G Experimentation and Validation  
– with interworking capabilities among trial sites –

Spanish Site



French Sites



Italian Site



Greek Site



↑ Background input

Background

Pre-commercial products

Previous 5G PPP projects

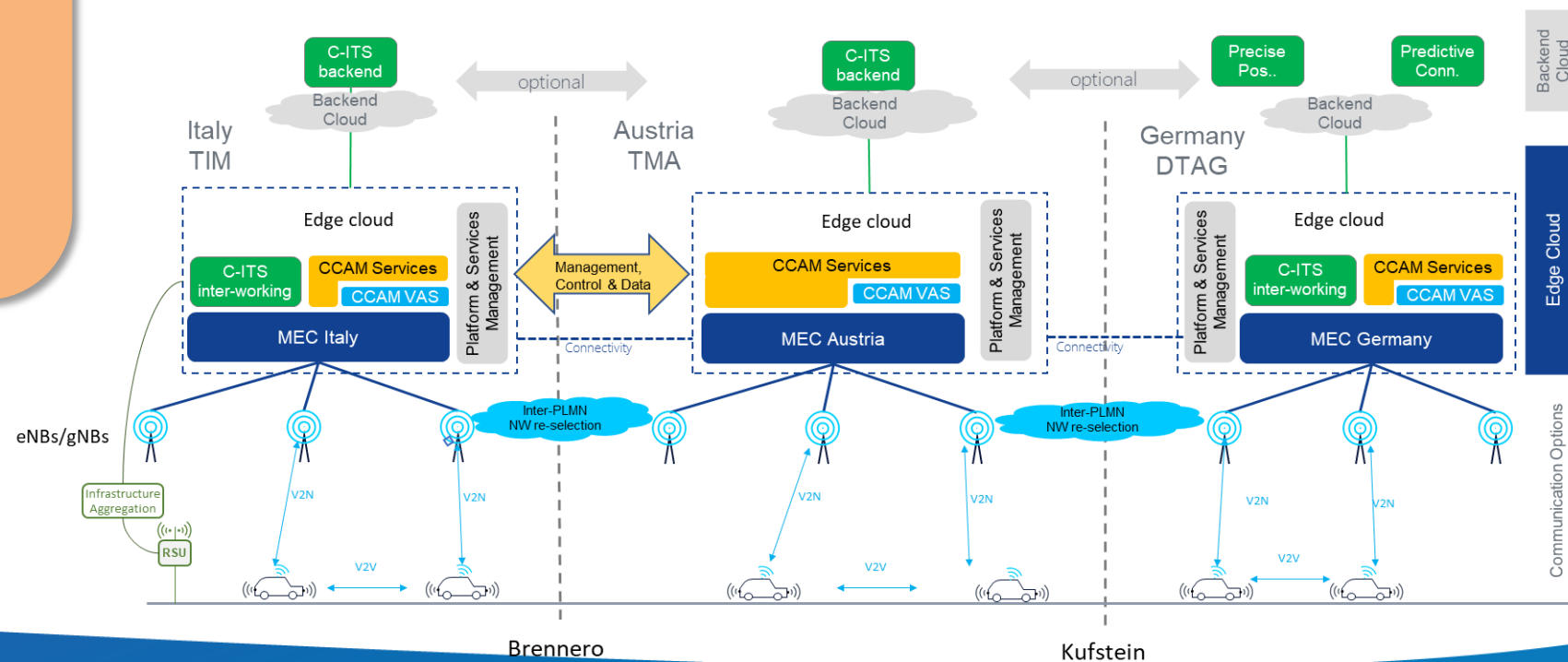
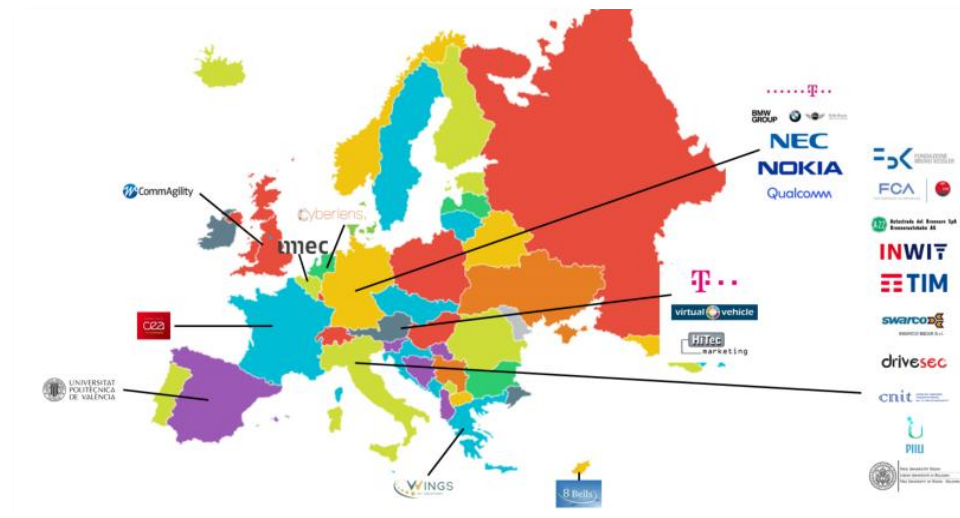
5G labs  
(e.g. Ericsson Kista)

5G testbeds in the EU

- Project coordinated by TIM (July 2018-June 2021)
- The platform for 5G evolutionary solutions
- 27 partners from all over Europe 15M€ budget
- <https://www.5g-eve.eu/>

# The 5GCarmen project

- Project coordinated by FBK (Nov 2018-Oct 2021)
- The V2X for the Bologna-Munich corridor
- 25 partners from all over Europe 15M€ budget
- <https://www.5gcarmen.eu>



# Thank you / Q&A

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