



C-ITS EVALUATION

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C-Roads deployments



C-ROADS



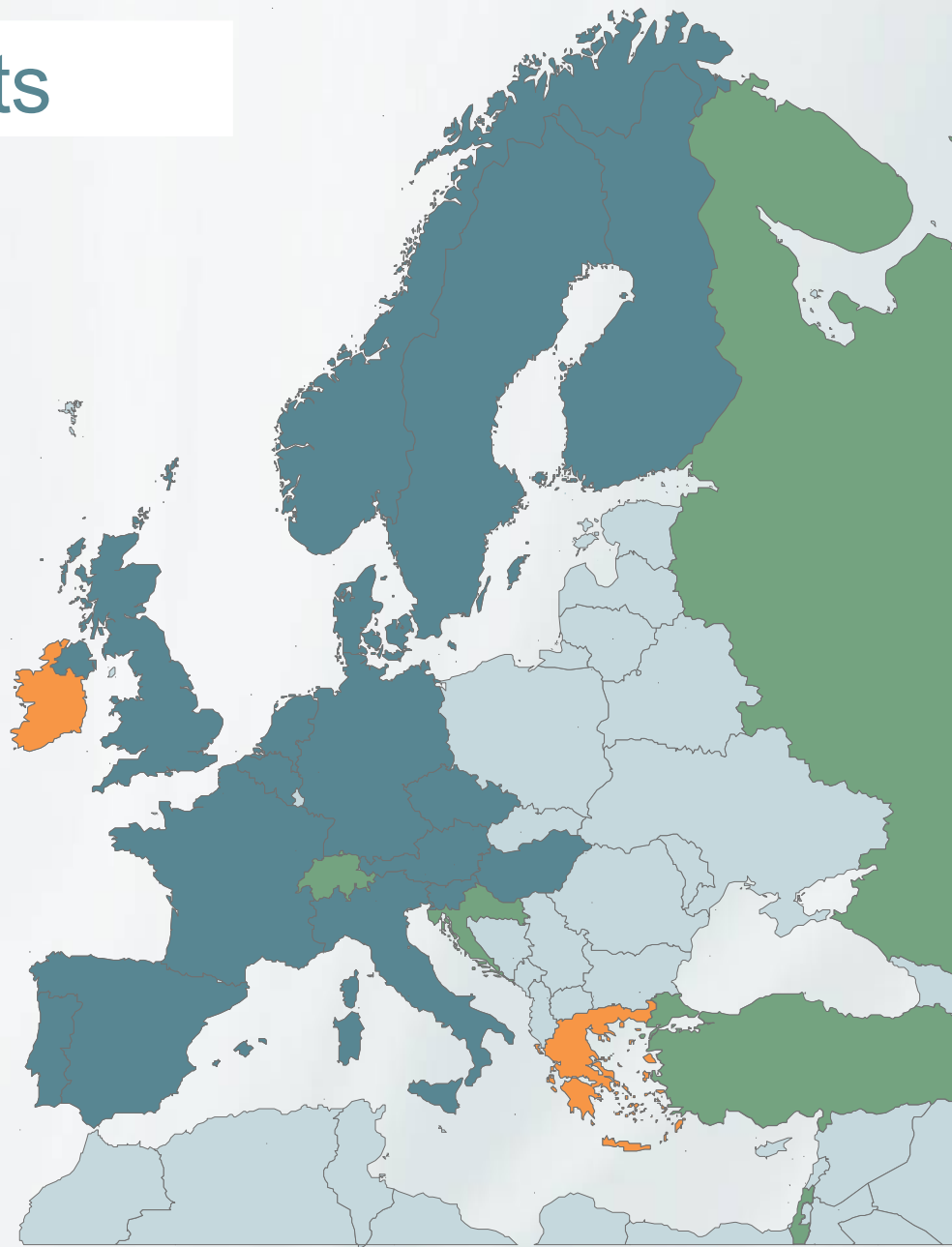
2016: Eight founding Member States

2017: Enlargement to 16 States

2019: Further enlargement to 18 States

Associated Members

- Croatia
- Israel
- New Zealand
- Queensland/Australia
- Russia
- Switzerland
- Turkey





By 2019

100,000 km of European roads in total will be covered by C-ITS services based on a hybrid communication mix



By 2019

6,000 km of safety-critical European road sections will be covered by short-range C-ITS services



15 cities

Starting with C-ITS deployment



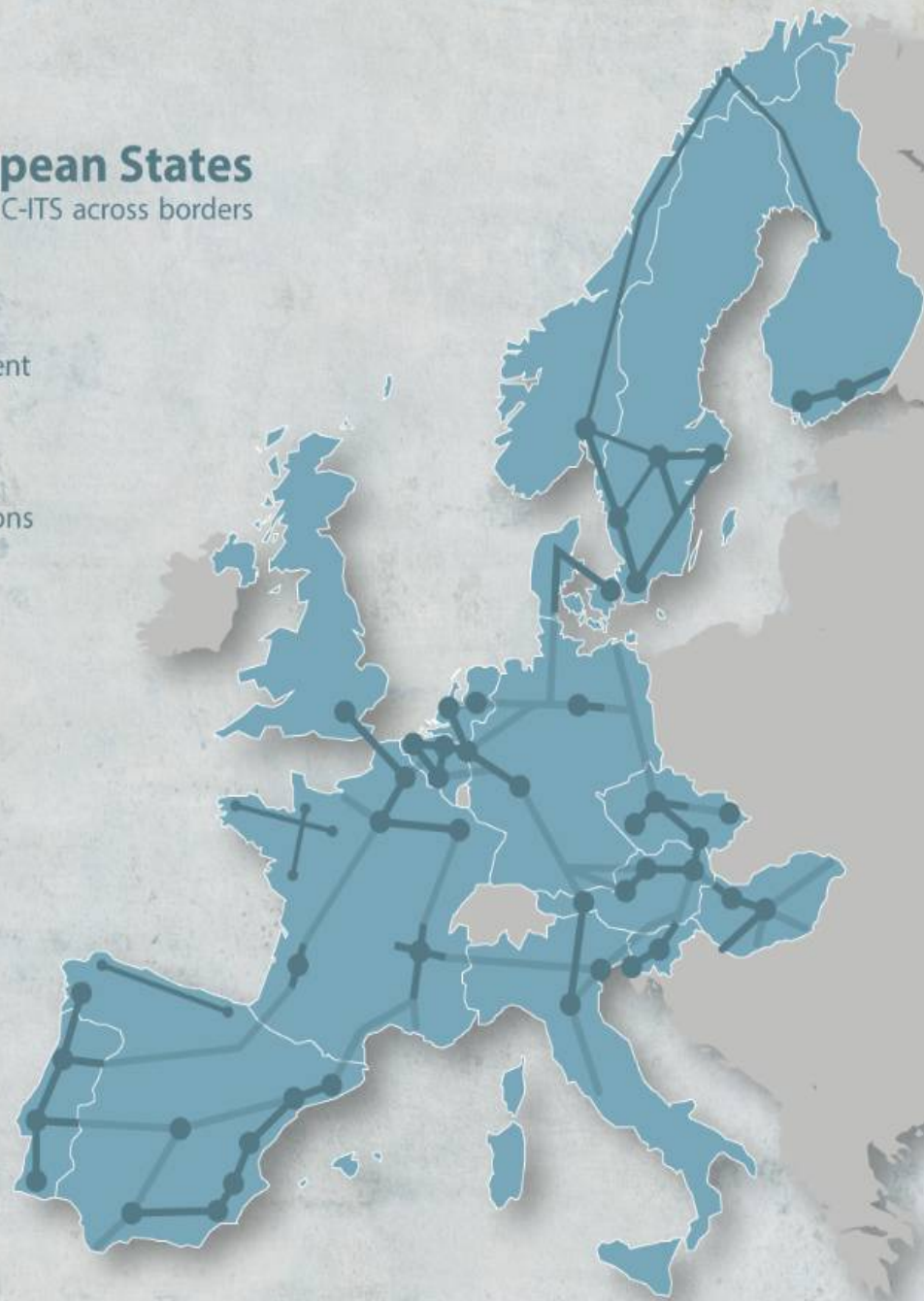
16 European States

Harmonising C-ITS across borders



- C-Roads core network pilot
- C-Roads comprehensive network pilot
- TEN-T core network (excerpt)

0 km 6,000 km 100,000 km



21./23.10.2019



What a surprise at #ITSWC19! I welcome this statement by C-ITS deployment group. It shows that deployment of #C_ITS services has started all across EU! No need to wait! We can improve #RoadSafety and save lives on our roads today. C-ITS based on #WiFi means affordability for all.

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C-Roads Platform @cRoadsPlatform · 21. Okt.

Strong commitment towards C-ITS deployment is given by the C-ITS deployment group with 50+ organisations committing to make C-ITS services a reality! Check out bit.ly/31y3POA and bit.ly/31DEMMO

@ITS_Singapore #ITSWC19 #CITSdeployment #C2CCC

www.c-its-deployment-group.eu



VW announces C-ITS deployment

The German carmaking giant promised late Thursday that new models of its Golf passenger car would be installed with Wi-Fi-based hardware that allows cars to communicate with road-based infrastructure and other similarly equipped vehicles, calling it Car2X.

Drivers will see signals from road infrastructure like traffic lights and from other cars. The Car2X system can also beam out its own warnings — such as notifying cars of a breakdown or hazardous weather conditions up ahead. The in-vehicle boxes will have a range of up to 800 meters, Volkswagen said.

“Swarm intelligence is becoming a reality, representing the **beginning of a new phase of traffic safety**,” the carmaker said at the launch.



Volkswagen promised late Thursday that new models of its Golf passenger car would be installed with Wi-Fi-based hardware | Tobias Schwarz/AFP via Getty Images

Volkswagen opts for Wi-Fi connected car technology

POLITICO PRO

24.10.2019

C-ITS is becoming reality

- Ex-ante evaluations have shown positive impact
- Ex-post evaluations need to confirm positive impact

Still in discussion:

- Costs – how does a cost-benefit analysis for the road networks look like?
- Where to provide what kind of services?
- How to deal with quality (e.g. latency)?

THANK YOU!

