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**Special Interest Session 039:
Cooperative Systems – Stakeholder Contribution and Cooperation**



A number of C-ITS pilots and deployment initiatives

Coherent basis for deployment

- Shared view on Day 1 services
- More than ten MS active in deploying C-ITS
- Smart mix of hybrid communication (ITS G5, cellular...)

How to get there

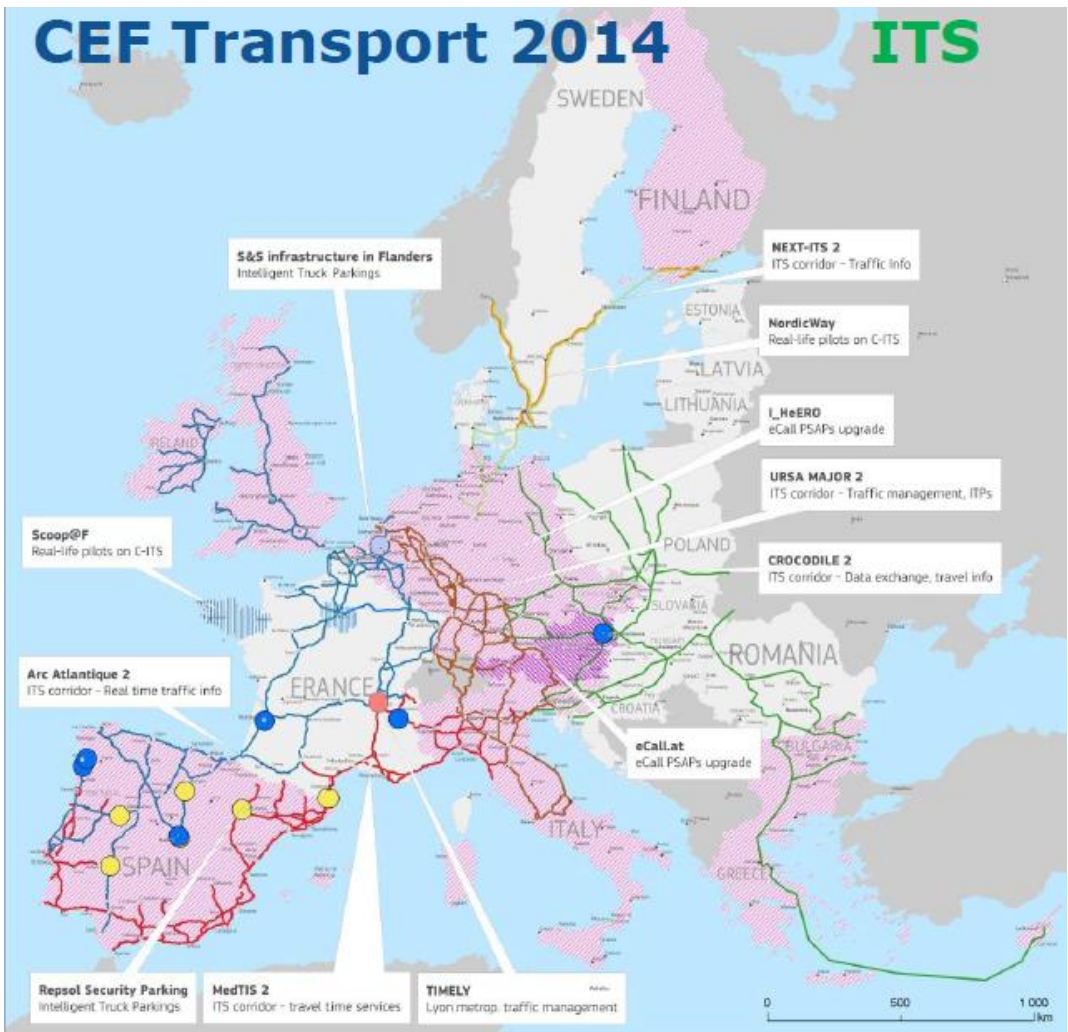
- Starting with motorways on TEN-T corridors but also involving urban environments
- Starting with personal transport but also involving freight & logistics
- CEF co-funding essential for fertilising implementation level (almost all receive CEF co-funding)



UK corridor

INTERCOR

C-ROADS
pilots

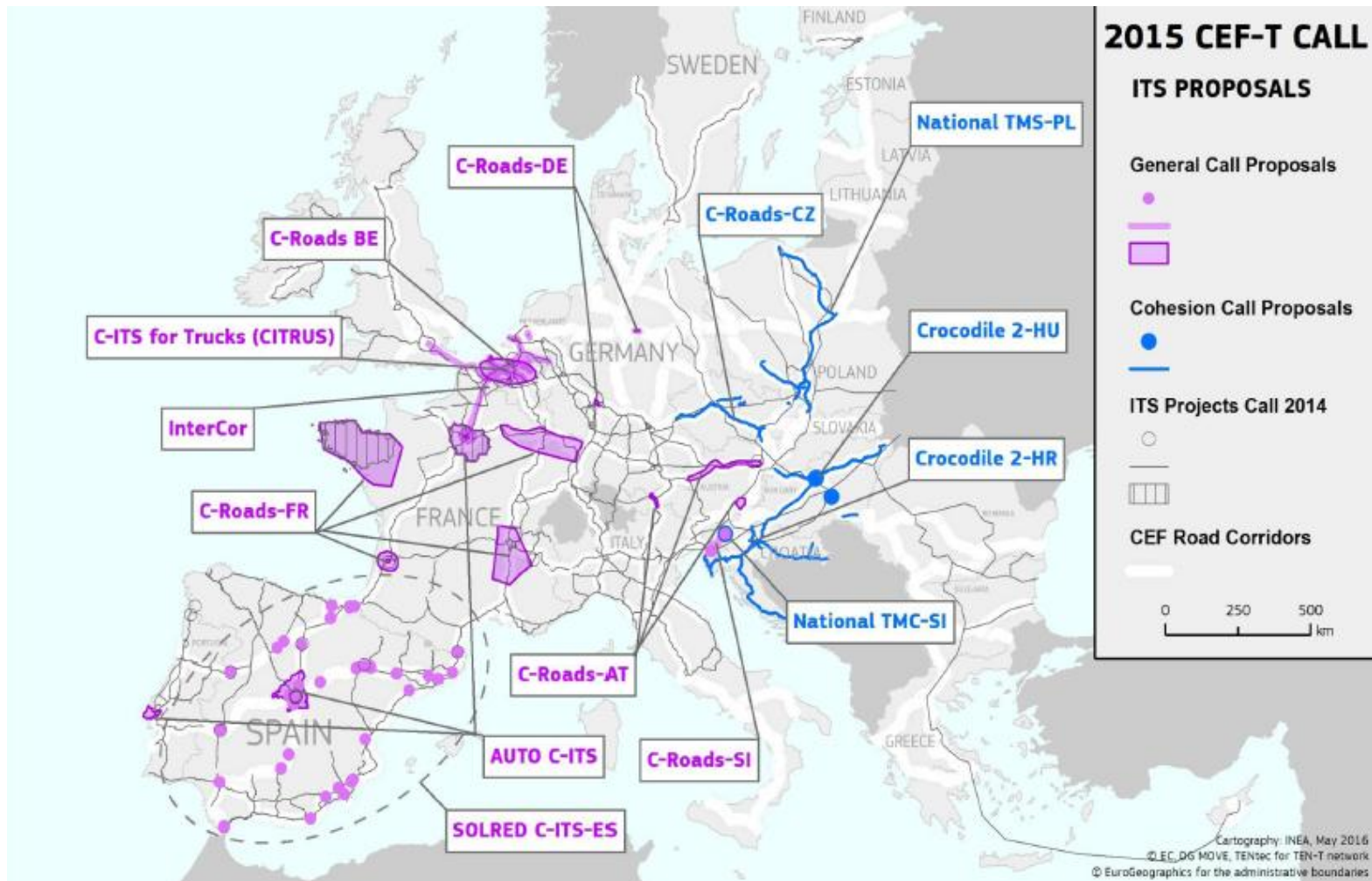


Deployment on TEN-T corridors

Current deployment initiatives involve sections on six of the nine TEN-T corridors



Latest C-ITS deployment pilots



Amsterdam Group for accelerating/ coordinating development/deployment



The coordination landscape



AG Initial services with infrastructure involvement

Typical V2V

- Hazardous location warning
- Slow vehicle warning
- Stationary vehicle warning
- Emergency Brake Light
- Emergency vehicle warning
- Motorcycle approaching indication

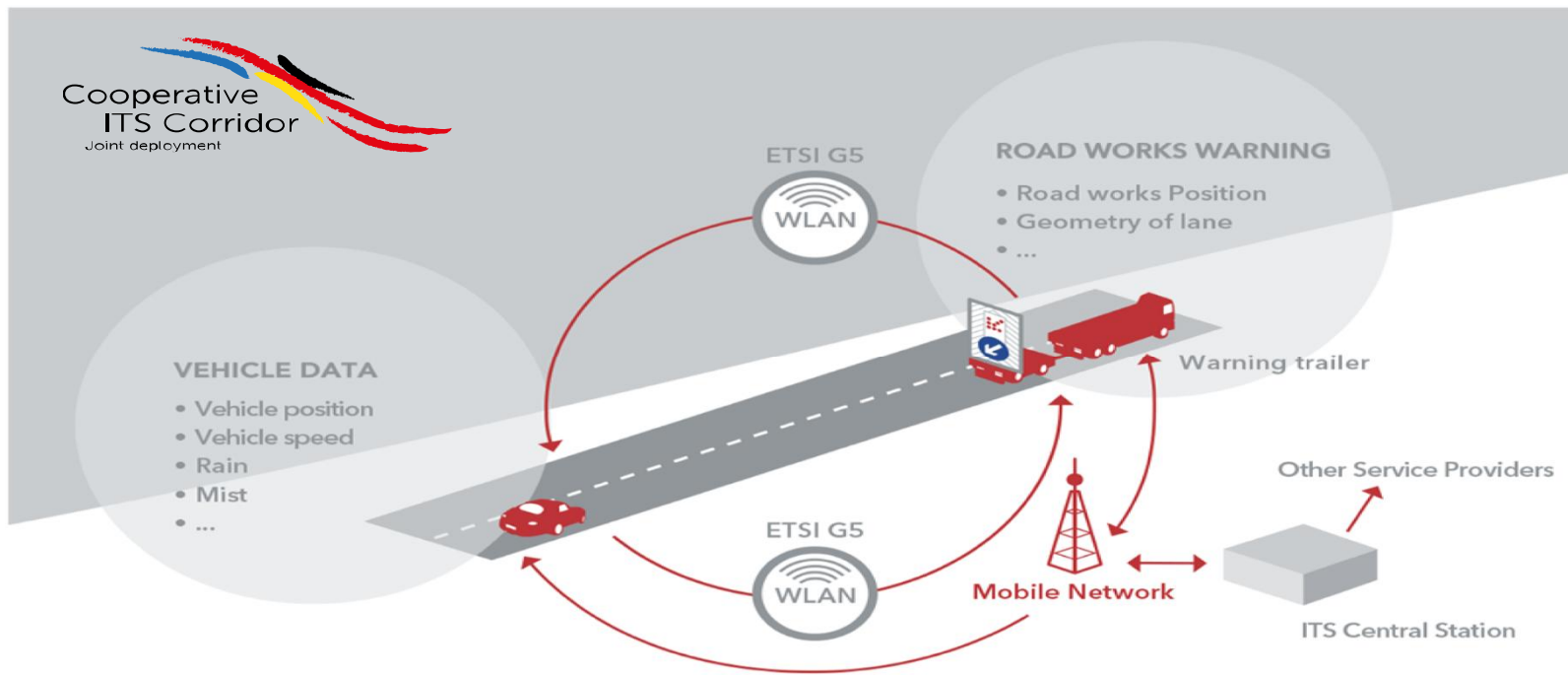


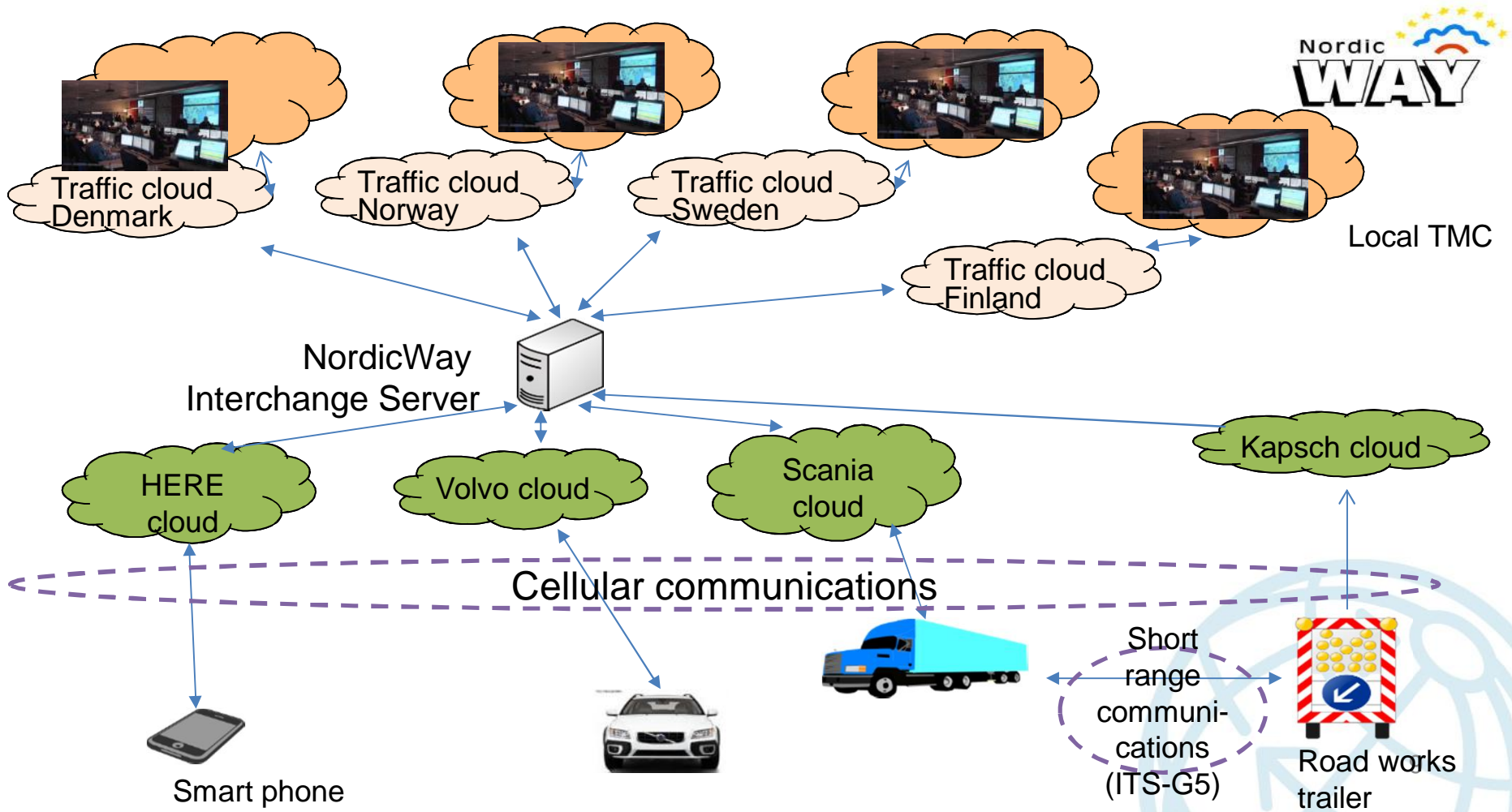
I2V provided by infrastructure / V2I

- Road works warning
- In-vehicle signage/information
- Signal phase and timing of traffic lights
- Probe vehicle data (Floating Car Data)



Cooperative ITS Corridor – Initial services





Summary: Growing network of deployment initiatives

- Coherent deployment → Shared view on day 1 services
- Wider scope of deployment (technology, geograph.)
 - Hybrid communication (ITS G5, cellular, ...)
 - Starting with motorways but also involving urban environments
 - Starting with personal transport but also involving freight & logistics
- Coherent timing of the deployment initiatives
 - Broader wave of pilot deployments within next 3-4 years
 - Potentially followed by another wave (similar to US)
- Networking of corridors for promoting interoperability
 - Amsterdam Group, C-ROADS, CODECS, EU EIP





Get It In On The Road, Get It In the Vehicle.

Thank you for your attention!

Acknowledgement

Information and slides from Torsten Geissler

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