

Road safety data exchange in Europe

Stephen T'Siobbel

TN-ITS President

TomTom Maps Manager Open Data

TN-ITS Vision and Mission

Vision

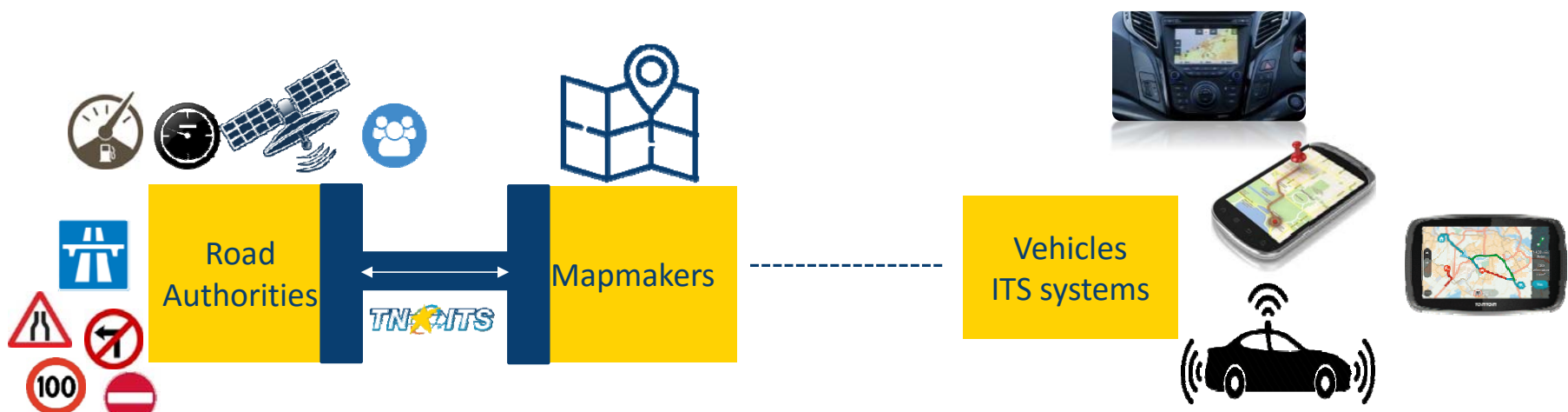
Bringing fresher map data to intelligent transport services

Mission

Facilitate and foster the exchange of ITS-related spatial road data between road authorities as trusted data providers, and, data users as map makers and other parties.



The data chain in a nutshell



Map data is obtained from vehicles, public authorities and various other sources (social media, satellites, etc.)

Mapmakers assemble all these to provide the most efficient maps and navigation advice

Drivers can benefit from up-to-date fresh map data in their in-vehicle system, stand-alone navigation device or smartphones



TN-ITS How?

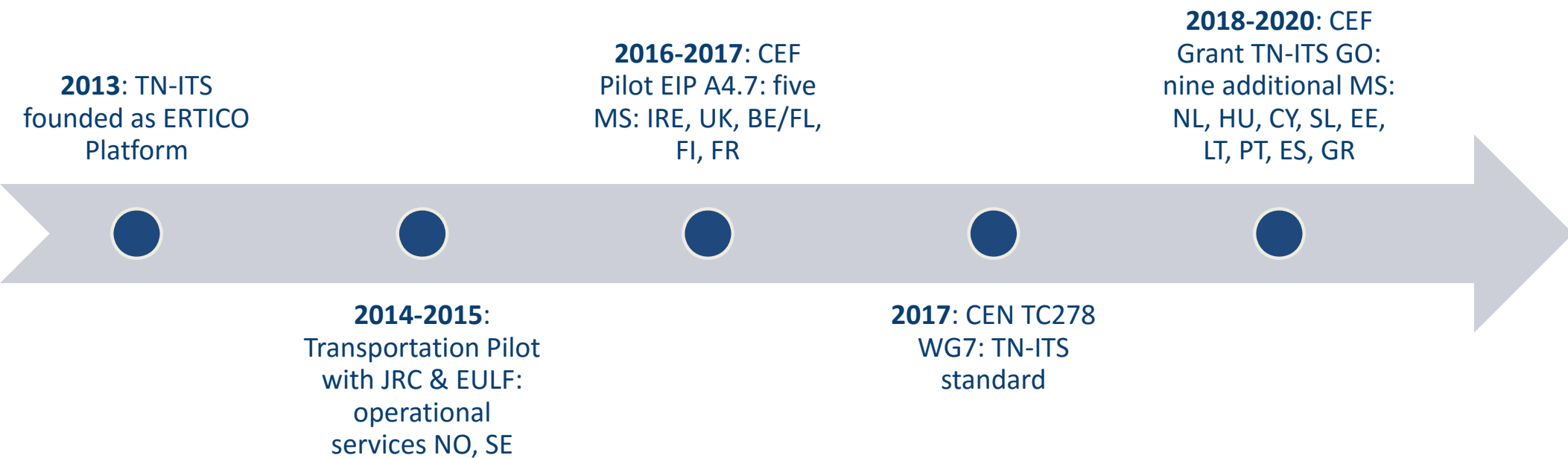
By bringing together relevant stakeholders



By supporting EC policy via the ITS and INSPIRE directives

→ to share effectively any changes to road data and ensure a seamless data chain

TN-ITS Storyboard



TN-ITS implementations in 15 European countries



Focus: Specifications & Deployment



Standardisation

Define & maintain TN-ITS specifications in CEN/TC 278 WG7



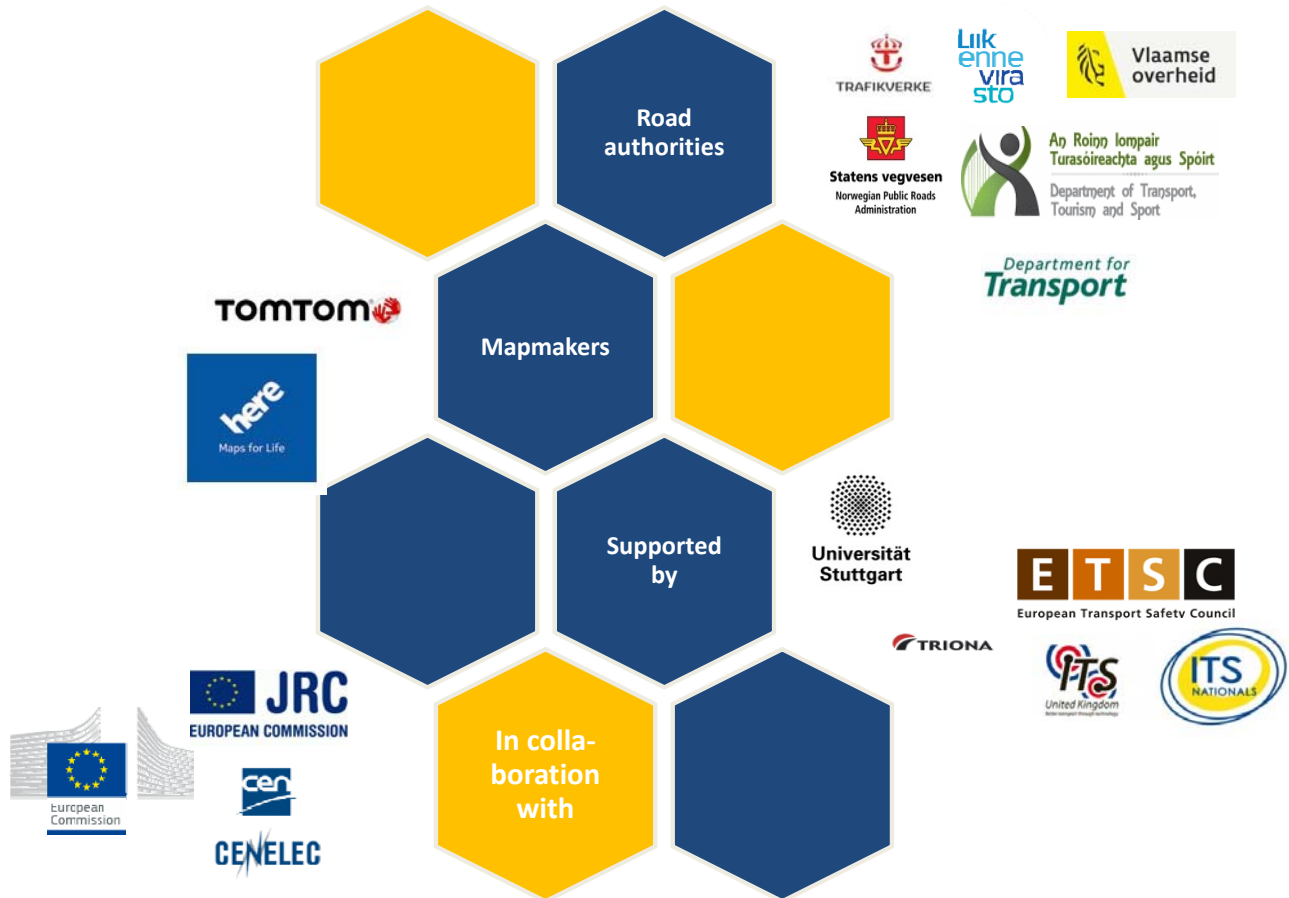
Implementation

Provide guidelines, tools and services to support implementation in **Belgium, Finland, France, Ireland, Norway, Sweden, and United Kingdom.**

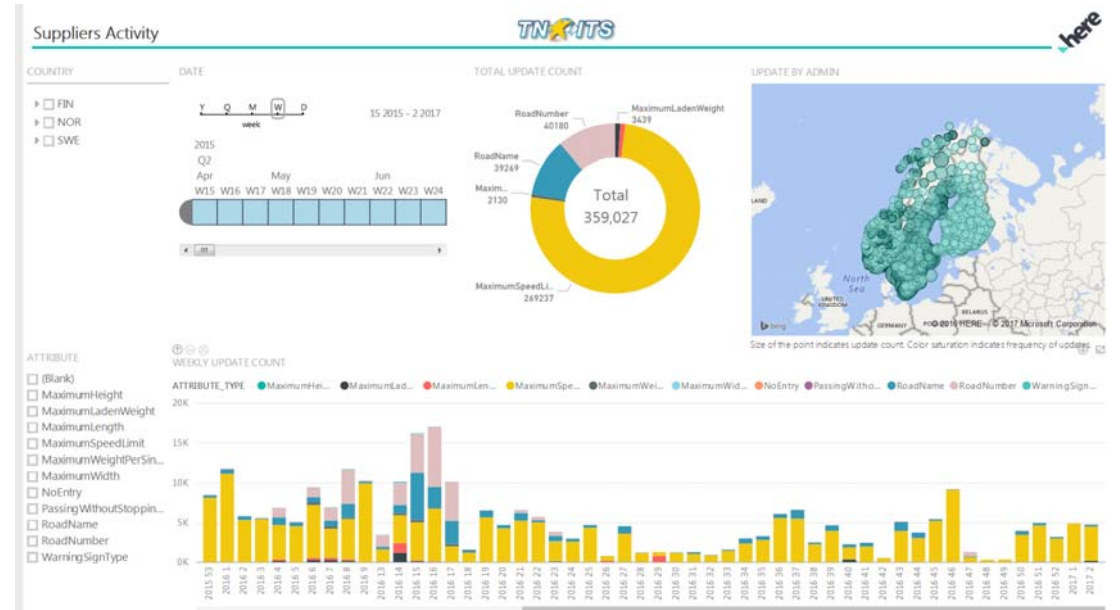
(+ NL, HU, CY, SL, EE, LT, PT, ES, GR)



TN-ITS Members



Situation today at HERE - TomTom

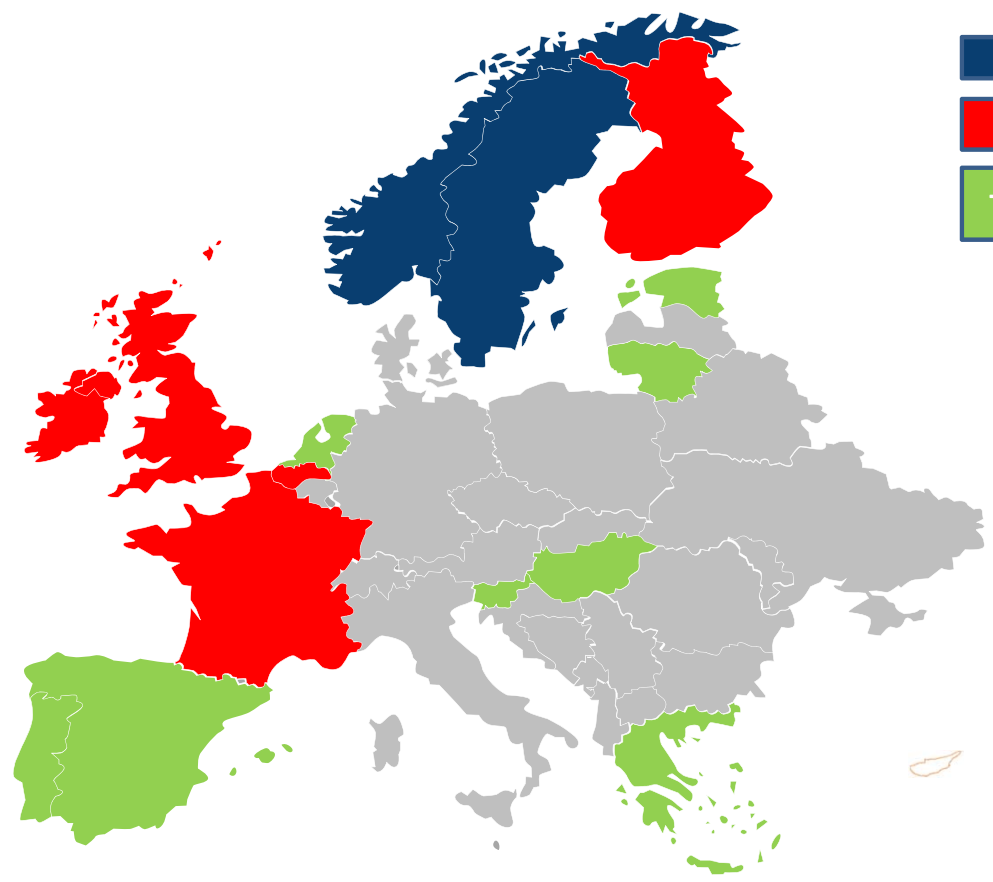


TN-ITS GO: Further deployment in EU

- Call: CEF MOVE/B4-2017-63 for TN-ITS services in 12+ MS
- Grant - 2M€ - 80% funding
- New implementation in nine MS
- Service improvement in five existing implementations
 - Operationalisation of service
 - Feedback loop from Map Makers
 - More map features and increased coverage
- Estimated Start: Jan 2018 – 4 Years



TN-ITS GO



- TP-JRC
- EU-EIP
- TN-ITS GO



Learn more & get in touch

www.tn-its.eu

info@tn-its.eu

m.flament@mail.ertico.com



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<- GENERIC SAFETY FEATURE

<- INSPIRE LOCATION REFERENCE

<- OPENLR LOCATION REFERENCE

<- MODIFICATION

<- REGULATION

<- GML LOCATION REFERENCE

<- MAX SPEED LIMIT

<- 70KMH

TomTom OpenLR Decoder

Enter your (Base64 encoded) OpenLR reference here:

Please note that:

- The decoding is compatible with OpenLR v3
- Offsets are represented as grey circles on the map & provided in textual format.
- Information below displayed in *blue* is meta data that has been added for your information but is not available in the OpenLR code itself.
- Information below displayed in *red* is data (returned by the Online Routing API) that does not match with the criteria of the OpenLR code.



HEADER:

Requirements from data users

New Member States
follow the same process
TN-ITS

- Setup will be easy for Map Maker / Service Provider

Systems should
run constantly

- Steady flow of Data and Quality guaranteed

Data Licenses

- Clear Open Data Licenses supporting commercial use

Future Attributes

- More Road Signs, Traffic Lights, Lane Attributes, ...