Road safety data exchange in Europe

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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.
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

**2013**: TN-ITS founded as ERTICO Platform

**2014-2015**: Transportation Pilot with JRC & EULF: operational services NO, SE

**2016-2017**: CEF Pilot EIP A4.7: five MS: IRE, UK, BE/FL, FI, FR

**2017**: CEN TC278 WG7: TN-ITS standard

**2018-2020**: CEF Grant TN-ITS GO: nine additional MS: NL, HU, CY, SL, EE, LT, PT, ES, GR

**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)
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
Learn more & get in touch

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TomTom OpenLR Decoder

Enter your (Base64 encoded) OpenLR reference here: C الأخذ بالAscii "Submit"

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.
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, ...