

Transport Network ITS Spatial Data

TN-ITS is a deployment platform to facilitate the provision and exchange of ITS spatial data between public authorities and third parties.

Why TN-ITS?

A harmonised framework is needed for the provision and exchange of relevant ITS spatial data used by both public authorities and third parties. TN-ITS defines and maintains specification, and provides guidelines, tools and services to support a seamless ITS spatial data supply chain while improving the quality of maps and their timely updating.

The TN-ITS specification, being standardised in CEN TC278 WG7, is an extension of the INSPIRE spatial data infrastructure Transport Network (TN) data specification, to which the public road administrations have to comply as of 2014. The implementation of the TN-ITS framework creates a direct link with both private sectors and end users, and enables seamless exchange of any kind of static spatial data for ITS applications.

TN-ITS proposes this framework in support of the realisation of ITS Action Plan Actions 1.3 "accurate public data for digital maps" and 1.2 "collection and provision of road data" and the specification (b) of the ITS Directive.

Status

TN-ITS is supported by over 20 organisations, including map makers, public authorities, road operators and service providers.

Spatial data owners and users are invited to sign the Memorandum of Understanding and join TN-ITS as Active Members. Other organisations are invited to sign the Letter of Support to become either Advisor or Supporter Members.

TN-ITS cooperates with European and international organisations such as EC, CEDR, ASECAP, the Network of National ITS Associations and Japanese DRM.

Next Steps

TN-ITS has set up a number of Working Groups; these will deliver their first outputs during 2014:

- WG on Location Referencing
- WG on Specifications and Standardisation
- WG on Implementation Support
- WG on Generic Tools and Reference Implementation
- Liaison WG on Policy, Awareness and Dissemination

Information package:

- TN-ITS Policy Paper
- TN-ITS MoU and LoS
- TN-ITS Terms of Reference
- Workplan 2013-2014

TN-ITS active members:

- Department for Transport (UK)
- Department of Transport, Tourism and Sport (IRE),
- Finnish Transport Agency (FIN),
- Region Flanders of Belgium (BE),
- Swedish Transport Administration (SE),
- Norwegian Public Road Administration (NO),
- HERE,
- Tomtom.

Contact

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