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## Application for membership of TN-ITS, the Transport Network ITS Spatial Data Deployment Platform

### Outline of TN-ITS

#### Foundation

The Transport Network ITS Spatial Data Deployment Platform (hereinafter TN-ITS), was founded on 5 June 2013 at an inaugural General Assembly, held in Dublin, Ireland, during the ITS European Congress. TN-ITS is a members association under ERTICO. It is governed by its Terms of Reference (hereinafter ToR), the current version being the one adopted on 5 June 2013. [1]

#### Objective

According to the ToR, the objective of TN-ITS is to give support, on a permanent basis, for the implementation of priority actions 1.2 and 1.3 of the "Action Plan for the Deployment of Intelligent Transport Systems in Europe" of the European Commission (for short "ITS Action Plan") of 16 December 2008, as published in document COM(2008) 886 final/2 of 20 March 2009 (corrigendum to the original document). [2]

The mentioned priority actions read as follows:

- (1.2) Optimisation of the collection and provision of road data and traffic circulation plans, traffic regulations and recommended routes (in particular for heavy goods vehicles).
- (1.3) Definition of procedures for ensuring the availability of accurate public data for **digital maps** and their timely updating through cooperation between the relevant public bodies and digital map providers, taking into account the results and recommendations of the eSafety Digital Maps Working Group.

#### Mission

In a pragmatic sense the mission of TN-ITS is to facilitate and foster, throughout Europe, the exchange of ITS-related spatial data between public road authorities and other road operators as data providers, and ITS digital map providers and other parties as data users. ITS-related spatial data concern the road network and road network attributes as far as relevant for ITS applications. The focus is on updates concerning changes in geometry and attributes rather than full data sets. The goal is to establish, across Europe, a permanent and instantaneous data chain for such updates, to enable immediate updating of digital map data of the road network in end-user ITS applications. Up-to-date maps will be beneficial for safety, efficiency and comfort, and will increasingly become a requirement for critical applications like cooperative systems and automated driving.

## ROSATTE exchange framework as the basis

The basis for the intended data exchange will be the framework that was developed and tested in the EU-funded ROSATTE project. Part of this is the ROSATTE data exchange specification [3], which will be further aligned with the INSPIRE specification for Transport Networks, and be brought to a European standard.

## Activities

In the ToR [1] the activities of TN-ITS are defined as follows (in support of achieving the objective):

1. Ensure that TN-ITS has the necessary funds and staffing to operate according to its Terms of Reference.
2. Make full use of the ROSATTE (or TN-ITS) framework and further develop and consolidate these concepts.
3. Enable public authorities to comply with the ITS Directive, priority actions 1.2 and 1.3, within the scope of the TN-ITS framework, by developing, maintaining and publishing tools and by offering consultancy services for the public authorities.
4. Consider the need for formal or another form of standardization of the specifications that constitute the basis of the TN-ITS framework.
5. Work with relevant authorities to raise awareness of TN-ITS and its objective and activities, and motivate authorities to become members of and to actively contribute to TN-ITS and to make use of the opportunities TN-ITS offers.

## Working Groups

Most of the activities of TN-ITS will be carried out in its Working Groups. As indicated in its "Annual Activity Plan and Budget for 2013 and 2014" [4], TN-ITS has currently defined the following five Working Groups:

- WG 1 - Location Referencing
- WG 2 - Specifications and Standardisation
- WG 3 - Implementation Support
- WG 4 - Generic Tools and Reference Implementation
- WG 5 - Policy, Awareness and Dissemination

Except WG 4, all these Working Groups are currently active. WG 4 will become active soon.

## Membership

### Membership types

In the ToR [1] (section 7.2) two main types of membership are defined:

An Active member has an active role in constituting part of the data chain for ITS spatial data. It is either a public ITS spatial data provider (a public authority or other organisation acting as such), or an ITS spatial data user (a map maker or an other party bringing ITS spatial data by means of applications to the end user). Active Members are expected to actively participate in the activities of TN-ITS.

An Advisor/Supporter member (in the ToR distinguished as two separate categories, respectively Advisor member and Supporter member) is any member that is not by nature an Active member. An Advisor member advises one or more working group(s). A Supporter

Member receives information about the business of the TN-ITS, and is invited to attend seminars and forum meetings held by TN-ITS.

### Conditions for membership

Any association, partnership, organisation, company or corporation, or individual which/who has an interest in the Objective and Activities of TN-ITS, may become a member of TN-ITS by applying for membership and paying the annual membership fee. (ToR [1],section 7.1)

Each member of TN-ITS is represented by one single point of contact; however the membership is extended to all individuals in the member's own organisation for participation in working groups and other activities of TN-ITS. (ToR [1],section 7.1)

### Membership fees

Each member will pay an entry fee upon becoming a member. In addition to the entry fee, the members will pay an annual membership fee. The prevailing entry fees and membership fees are included in the Annual Activity Plan and Budget for 2013 and 2014 [4]. For 2013 and 2014 the entry fee is set to zero. The membership fees for 2014 are according to the table below:

membership type	ERTICO partner	non-ERTICO partner
Active member	EUR 4,000	EUR 6,000
Advisor/Supporter member	EUR 400	EUR 600

### Memorandum of Understanding

To endorse commitment to the objective and mission of TN-ITS, it is recommended to Active members, in addition to being a member, to sign the "Memorandum of Understanding for a common framework exchanging ITS spatial data between Public Authorities and third parties" [5] (hereinafter the MoU). Signature of the MoU is however not a condition for membership.

### Application for membership

An application for membership can be submitted by using the form as included in Annex 1 of this document.

### Mandate for membership

A national or regional public authority that is an ITS spatial data provider and would like to support TN-ITS by membership but does not have the resources to actively participate in the activities of TN-ITS, and/or has the opinion that another organisation in the country would be better fitted to represent the respective country in TN-ITS, can mandate such organisation to represent it as an Active member in TN-ITS. For this a mandate needs to be signed following the template that is included as Annex 2 of this document. A non-ERTICO member that is mandated by an ERTICO member is eligible for the membership fee that is applicable for ERTICO members.

## References

1. TN-ITS, "Terms of Reference", draft version of 16 May 2013, approved at the General Assembly of 5 June 2013 held in Dublin, Ireland.
2. Commission of the European Communities, "Action Plan for the Deployment of Intelligent Transport Systems in Europe", Communication from the Commission, Brussels, 16 December 2008, second corrected version of 20 March 2009, document COM(2008) 886 final/2. Generally referred to as the "ITS Action Plan".
3. Wikström, L. (ed.), et al., "Specification of data exchange methods", ROSATTE Consortium, deliverable D3.1, version 16 (final), 31 August 2009.
4. TN-ITS, "Annual Activity Plan and Budget for the years 2013 and 2014", version 05 of 11 October 2013.
5. TN-ITS, " Memorandum of Understanding for a common framework exchanging ITS spatial data between Public Authorities and third parties", version 1.2 of 16 May 2013.

## Annex 1 - TN-ITS membership application form

The signatory \_\_\_\_\_

duly authorised to sign on behalf of:

Organisation (legal name) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Country \_\_\_\_\_

applies for membership of his/her organisation of the "Transport Network ITS Spatial Data Deployment Platform" (TN-ITS) as an (*tick as appropriate*):

- Active member / Public ITS spatial data provider  
*This includes, primarily, national, regional or local authorities in charge of the traffic regulations and/or the road network as well as private road operators owning publicly available ITS Spatial Data.*
- Active member / ITS spatial data user  
*This includes, primarily, ITS digital map providers, mapping agencies and location content providers having a genuine interest in using the ITS spatial data.*
- Advisor/Supporter member  
*This concerns any parties that do not fall in the above two categories*

\_\_\_\_\_  
(date, place, name)

\_\_\_\_\_  
(signature)

The completed and signed form shall be submitted, either as paper form by mail, or as pdf copy by email to:

TN-ITS  
c/o ERTICO - ITS Europe  
Louizalaan/Avenue Louise 326  
B-1050 Brussels, Belgium  
Email: info@tn-its.eu

## Annex 2 - Template for mandate for Active Membership of TN-ITS

### Preamble

A national or regional public authority that is an ITS spatial data provider and would like to support TN-ITS by membership but does not have the resources to actively participate in the activities of TN-ITS, and/or has the opinion that another organisation in the country would be better fitted to represent the respective authority in TN-ITS, can mandate such organisation to represent it as an Active member in TN-ITS. For this a mandate needs to be signed following the template that is provided below. The mandate needs to be submitted in the same way and to the same address as indicated for the membership application form.

### Mandate of national or regional authorised representative

I hereby declare that [*Organisation*] is authorised to represent the [*National or Regional Authority/Ministry*] in the "Transport Network ITS Spatial Data Deployment Platform" (TN-ITS), to become a member of TN-ITS on its behalf, and to act on its behalf in the framework of TN-ITS.

This delegation is limited to the scope of TN-ITS, but inter alia enables the representative to engage the national or regional authority in the definition of common specifications, and its future possible endorsement at the national level.

*Limitation can be modified, and further specifications/limitations can be added.*

Signature \_\_\_\_\_

Name, first name(s) \_\_\_\_\_

Full legal name of organisation \_\_\_\_\_

Date \_\_\_\_\_

Place \_\_\_\_\_

*Provide stamp of the organisation and the signature of an administrative official authorised to sign (legal representative).*