Transportation Pilot Overview and Demo Scenario

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TN-ITS/INSPIRE session in Helsinki/Aalborg

Wednesday 18 June 2014
15.00-16.30+ (Aalborg Time)
16.00-17.30+ (Helsinki Time)

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Project Charter Overview

- Overview of the Transportation Pilot—See ISA WG SIS 2014-05-28 DOC 06a Transportation Pilot Overview.pdf
- It defines the scope, deliverables and milestones for the Pilot
- Feedback and input is requested from the participants of the Joint Session
- Phase 1 – Requirements and implementation within Norway/Sweden
- Phase 2 – Invitation for additional member state contribution
Stakeholders within Transportation Pilot

INSPIRE Compliance: Optional

Private Sector

Public Sector

INSPIRE Compliance: Legally mandated
Transportation Pilot Purpose

• to test the provision of **updates of safety-related road attributes** by public road authorities using the TN-ITS common exchange format

• for private sector **ITS map providers** to apply those updates

• A key challenge is that **a reliable form of georeferencing is needed** to be able to work out which specific element within the map provider data needs to be updated
Overall goals for the Transportation Pilot

1. Verification of the **TN-ITS Specification** so it may be brought into the formal standardisation process. This may include the mapping of **TN-ITS elements to the extension of the INSPIRE Transport Network data specification**.

2. Verification of the principle of integrating **ITS spatial data with map provider data** by extending the INSPIRE Transport Network data specification.

3. **Validation of aspects of the EULF Blueprint**. The pilot should demonstrate that working in a more integrated way improves interoperability and **benefits should become more visible and measurable**.
## Transportation Pilot – Tentative Timetable

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**Phase 1:** Implementation within Norway/Sweden

**Phase 2:** Invitation for additional member state contribution

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18 August 2014
Conclusions

- Feedback and input is requested from the **Joint Session Participants**
- Phase 1 – Requirements and implementation within **Norway/Sweden**
- Phase 2 – Invitation for **additional member state** contribution
Contact and join us!

http://ec.europa.eu/isa/actions/02-interoperability-architecture/2-13action_en.htm

https://joinup.ec.europa.eu/community/eulf/description


e-mail: eulf-info@jrc.ec.europa.eu

https://twitter.com/EULocation

#EULF

18 August 2014
**Stakeholder Benefits**

**Expected Benefit:**
- Improved currency of data
- Incremental update of attributes
- Standardised update mechanism
- Improved efficiency and reduced data collection costs

**Potential Benefit:**
- Access to INSPIRE themes TN/AD/BU...
- Uniform access to all public authority data
- Improved location referencing
- Reduced duplication of effort for data collection

**Potential Benefit:**
- Wider use of NMCA data
- Cost and time savings to support ITS map providers

**Potential Benefit:**
- Wider use of INSPIRE
- Closer alignment with ITS Directive
- Leverage of member state investment in INSPIRE
- Testing cross-border scenarios

**Potential Benefit:**
- Attribution linked to a common base map
- Supported by common data sharing mechanisms

**Potential Benefit:**
- More coherent and consistent ITS Directive
- Alignment with INSPIRE Directive
- Improved policy outcomes

**Expected Benefit:**
- Improved reliability of ITS applications
- Less time spent in traffic jams
- Reduced cost of travel
- Fewer accidents

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