Enables nine out of ten in-car nav systems in North America and Europe.

Enables mobile, web, and enterprise solutions for global industry leaders.

Produces maps for nearly 200 countries.

Employs 6,500 people in 55 countries.
Trusted innovation partner with 30 years of deep industry knowledge

- Navigation Technologies Founded: 1985
- Maps for in-car navigation: 1994
- First off- and online maps for mobile: 2006
- Acquired by Nokia: 2007
- Acquired by Nokia: 2008
- Brand launch: 2012
- Autonomous driving tests in Germany: 2013
- Acquired by Siemens: 2013
- Acquired by Daimler: 2015
- © 2015 HERE | Confidential
**Transportation Pilot**

**Transportation Pilot 2014/2015**
- TN-ITS service was realized in Sweden and Norway
- In close cooperation with the INSPIRE community (JRC)
- Also included testing of the ELF service
- HERE established the process flow and the expectation that the same can be used for all new member states that implement the TN-ITS service
- Steady flow of changes from the Swedish and Norwegian road authority

**EU EIP SA4.7 Jan 2016 – mid 2017**
- New pilot including 5 more member states
- Finland, France, Flanders/Belgium, UK and Ireland
- First basic TN-ITS implementation in the five member states
- Main difference from TP is that most of these countries have different starting points when it comes to national databases

**CSA funding 2017**
- 2 million EUR in 2017 for this kind of work that is now carried out in sub-activity 4.7 (TN-ITS)
- Next step, more countries to join and deliver data the same way
Explaining the process: from road authority to end user

- Daily incremental updates
- Receive the updates
- Decode the data
- Match the data towards HERE database
- Delivery

Monday to Friday
Speed limit updates in Skåne län 2015, 2016 [29159] South Sweden
Main Benefits

- Continuous flow of data from acting authority to end user – near real time processing and delivery
- Freshness of data (but very depending on input data)
- Effectiveness – one standardized way of delivering data for many countries
- Reduced effort in handling incremental updates compared to handle full datasets
How does data exchange benefit the road authorities?

Traffic Routing
• Traffic routing according to traffic planning and concepts, prevention of traffic jams

Immediate Implementation
Immediate implementation i.e. truck restrictions, prevention of accidents and breaches of rules

New Road Constructions
• New road constructions to be made available to end users for routing immediately after the official traffic release

prepared by Christian Kleine
INSPIRE Data can be good source for digital services
All kinds of Geodata can be used (Point Addresses, Geometry, Road Signs)
Data Quality is important
Data needs to be found easy
The structure of Data Portals needs to be harmonized across Europe – One Data Portal for Europe?
Provided Data must be scalable and have regular automated updates
Licensing for companies should be as easy as possible

INSPIRE Data helps to improve mobility solutions for European Citizens
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