

Preparation and Implementation of Pilot Projects – Slovakia

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Overview of T&T Solutions

- due to national requirements for public procurement still it has not been chosen the company responsible for pilot projects
- analysis of two T&T solutions (NAM, QADRA) has been performed in relation to prepared pilot projects and agreed testing in chemical company
- Both providers fulfil most of the project requirements except not clearly defined requirements for shock sensors – how to evaluate accidents and different battery and memory capacity
- NAM prototype tested on block trains in chemical company for 44 days of operation (20 sec frequency) without recharging evaluated as the most suitable device
- None of the providers has certification of explosion proof device though it is assumed that devices also fulfil such requirements



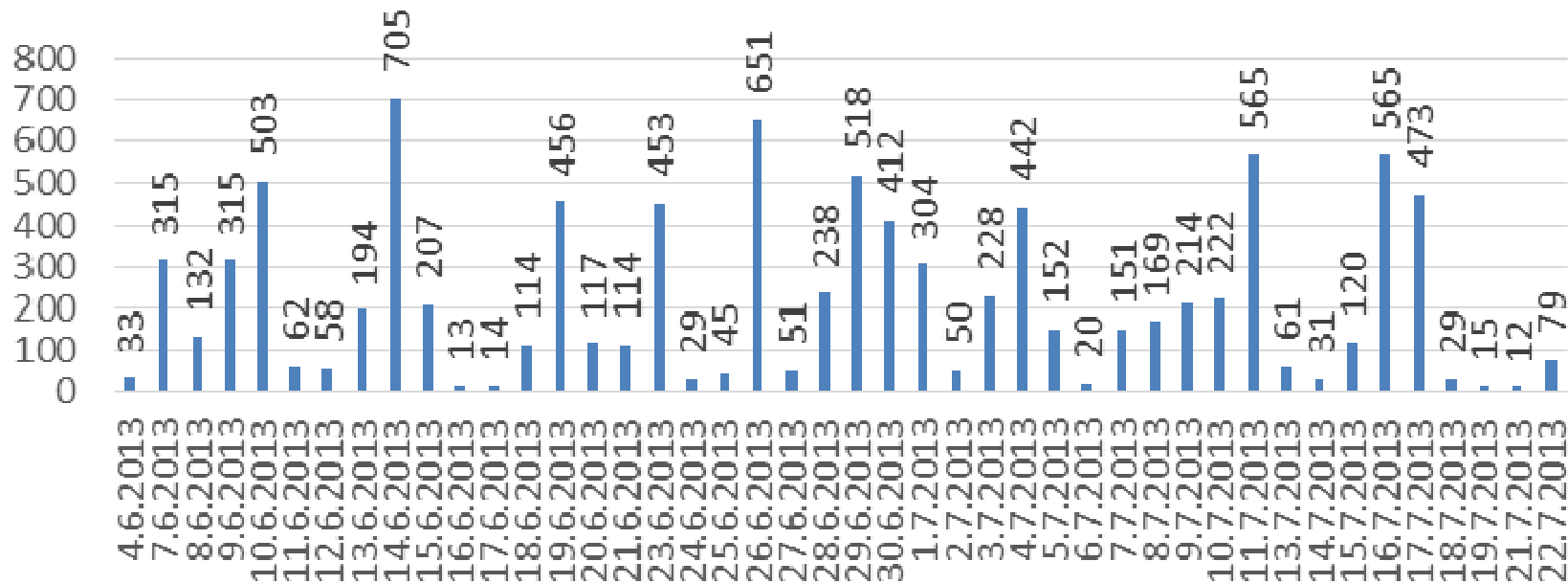
GPS units in railway transport



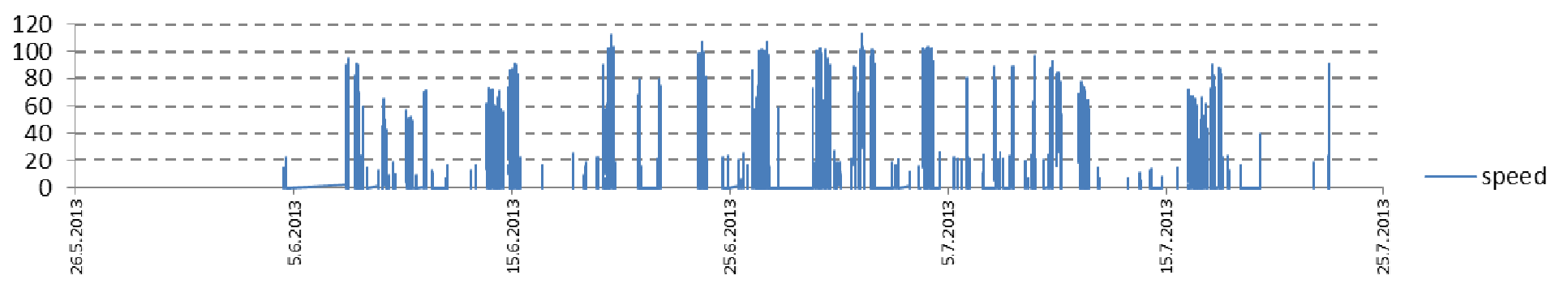


Súčet z Jazda

Device time operation - 9651 minutes - 160,85 hours

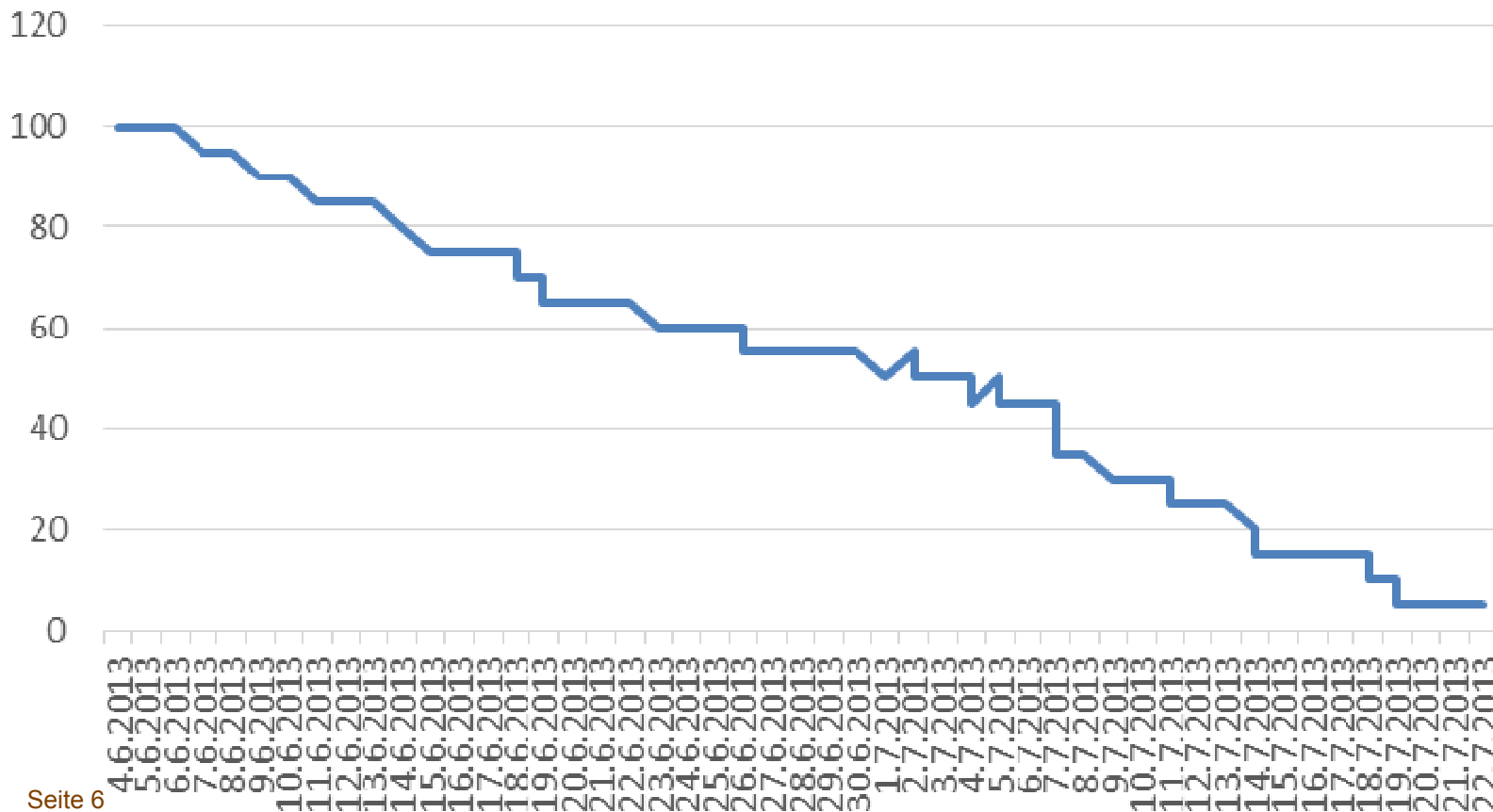


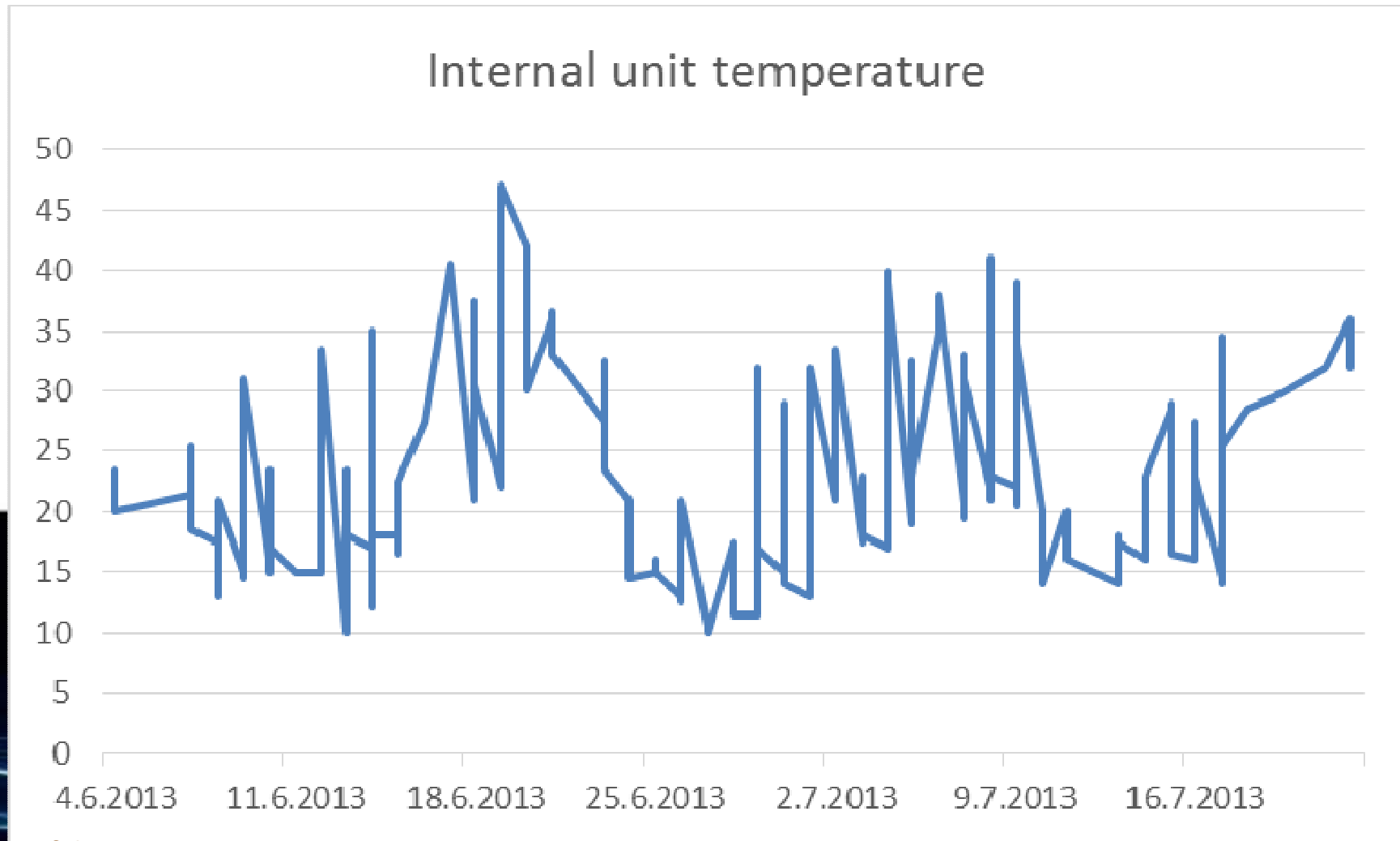
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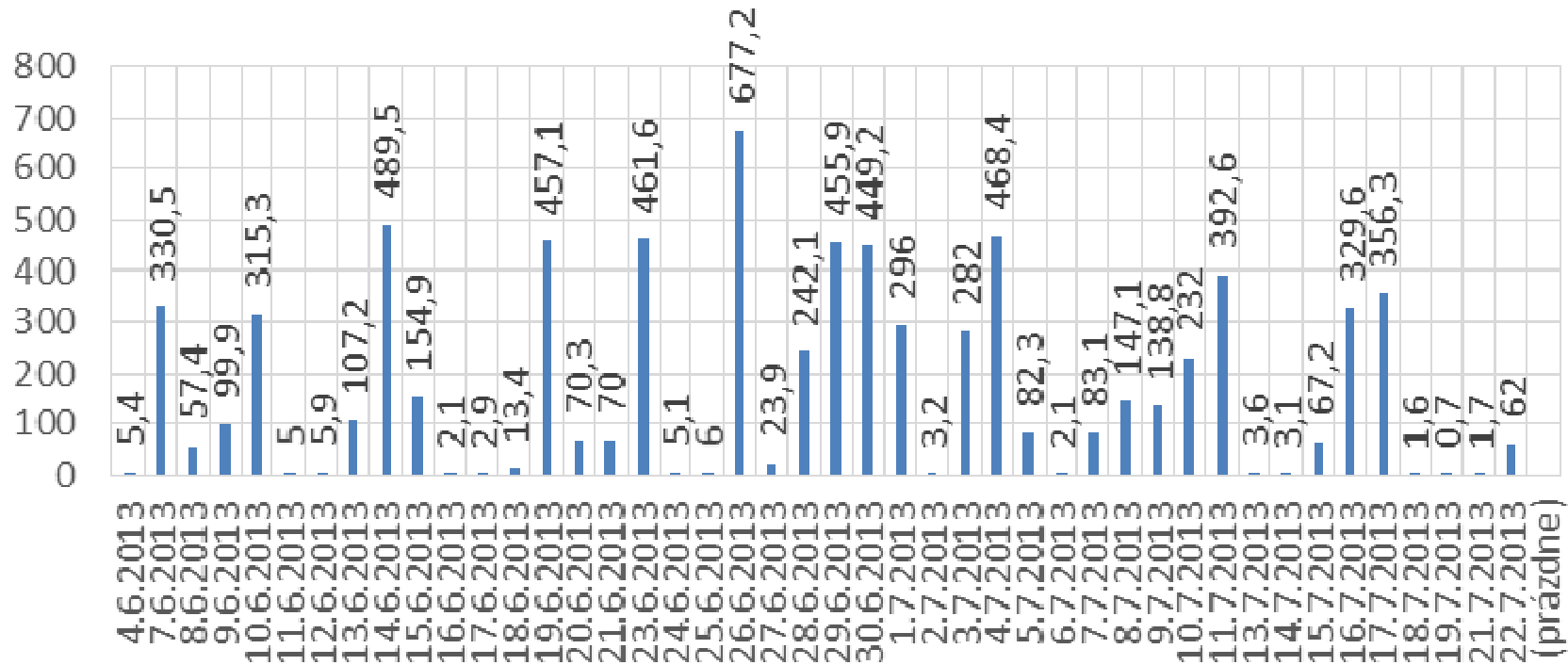
Battery capacity





Súčet z Ujeto km Služebně

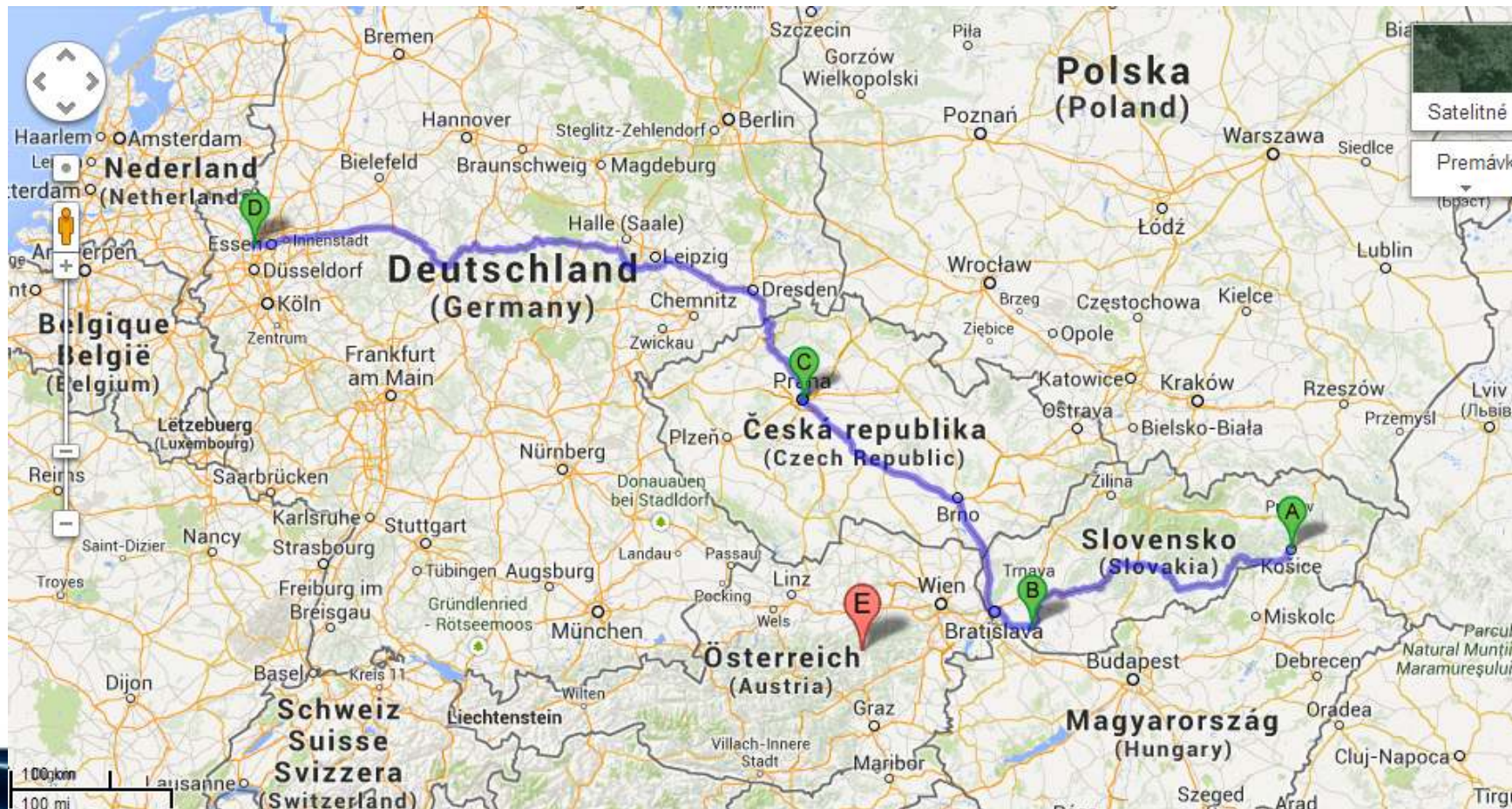
Total travel distance - 7461 km



datum\

Pilot project corridor

- Show a map of the corridor where the pilot will be implemented



Involved Partners

- Duslo chemical company
- Logistic Service Provider – LC Slovaktrans – internal T&T tool, possibly Metrans – internal T&T tool
- T&T Provider – NAM, Qadra, Aldobec?



Pilot Planning

- Provide a time plan for the implementation of pilot project (the mentioned timing is the plan described in the application form)

Agreement of thematic and technological focus	Aug
Implementation of Procurement procedure	Sep
Selection of T&T Technology Provider	Oct
Phase I : Preparation of Pilot project – technology development	Oct-Dec
Organisation of Pilot project kick off meeting when and where	Nov
Phase II : Implementation of Pilot – practical testing	Jan-Mar
Mid-Term Pilot project meeting, when and where	Feb
Phase III : Evaluation of Results	Apr-June
Final Pilot project meeting, when and where	May



Thematic Focus of Pilot

- NAM prototype will be further tested on block trains in chemical company Duslo
- NAM prototype will be further tested on circulated tank containers with dangerous goods
- What parameters are you measuring
 - Gps position, internal temperature, accelerations
- How do you organise transnational cooperation?
 - Not decided yet
- Are there multiple technologies tested and compared?
 - Not decided yet



Next Steps

- What are your next steps in the implementation of pilot project
- Have you started / finalised Subcontracting of external experts?
 - Still not finished
- Establishment of cooperation with LSP and companies
 - Agreed with chemical company Duslo for testing of NAM prototypes
- Are you in line with the time plan
 - NO
- Are there any problems delays?
 - Public procurement delays



Next Steps

- Problems with FLC
- Public procurement isn't authorised
- Contract with EE isn't signed
- Market of TT technologies is checked
- Testing in block trains in Duslo company
- **What are your next steps in the implementation of pilot project**
- **Have you started / finalised Subcontracting of external experts?**
- **Establishment of cooperation with LSP and companies**
- **Are you in line with the time plan**
- **Are there any problems delays?**

