



Statens vegvesen

## NVF Sommermøte Røros Group 2



Atle Dale Moen  
Ellen Strandenæs  
Erling Berg-Tesdal  
Johan Höglund  
Niklas Fieandt  
Ola Martin Rennemo



## Trends: Mobility

- Involved and participating citizens
  - «FixMyStreet» and similar initiatives
- How to communicate with «Nomadic units» ?
  - Distributing information to unknown parties, like tourists or truck drivers
- Open data will enable services
- Driven by smartphones and tablets



## Trends: New sources of data

- Crowd-sourcing
- Quality of data and metadata
- Structured input data (in some cases)
- Control and trust
  - Who created the message?
  - Who is the receiver of the information??
- How about privacy
  - What does Nissan know about your Leaf?



## Trends: Tech spec and business goals

- Procurer focus moves from technical components to usability, end user functionality and business goals
- Agile project management
- Innovation and adaption of new technologies
- Time saving?
  - Business goals need to be defined anyway!
  - The detailed tech spec can be skipped!
- Still requires detailed preparations
  - if business goals are vaguely defined and tech spec is missing there is possibility of catastrophic failure



# Control and trust

- «Agile» service operations
- Desire to reduce time-to-market
- Many, small deliveries – instead of «Big Bang» changes
- Automatic testing, automatic deployment, automatic rollback



# Cloud-friendliness

- Emerging «Government Clouds» ?
- A cloud-friendly service is also friendly for internal ops services
- Data protection.
  - Will my sensitive data end up in USA, Russia or China??
- Requires modular, service oriented architectures
- Reduces vendor lock-in??



## «The Internet of things» ?

- On the agenda for the autumn meeting in Copenhagen!
- Ongoing projects in every member country
  - Lars, Denmark (ITS related data)
  - Kristin, Erling, Norway (Traffic Data Acquisition)
  - «Målevogn» hos Jernbaneverket, Norway
  - Sweden?
  - Finland?
- Other topics for this meeting
  - Big Data
  - And the other topics, re. trends, systems development, ..



**Statens vegvesen**



## Group lead for the next meeting

- Johan Höglund
- Ola is backup

