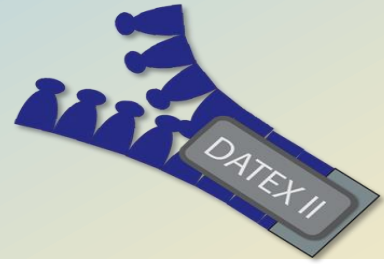




National deployment of DATEX II in Norway

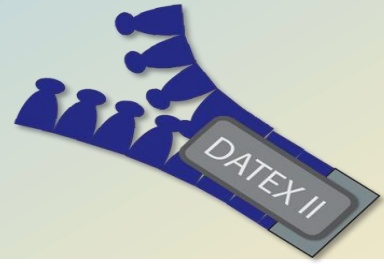
Norwegian Public Roads Administration (NPRA)



- *Planning, construction and operation of national road network*
- *Owner of traffic data and data collection equipment*
- *Operation of 5 regional TMCs*

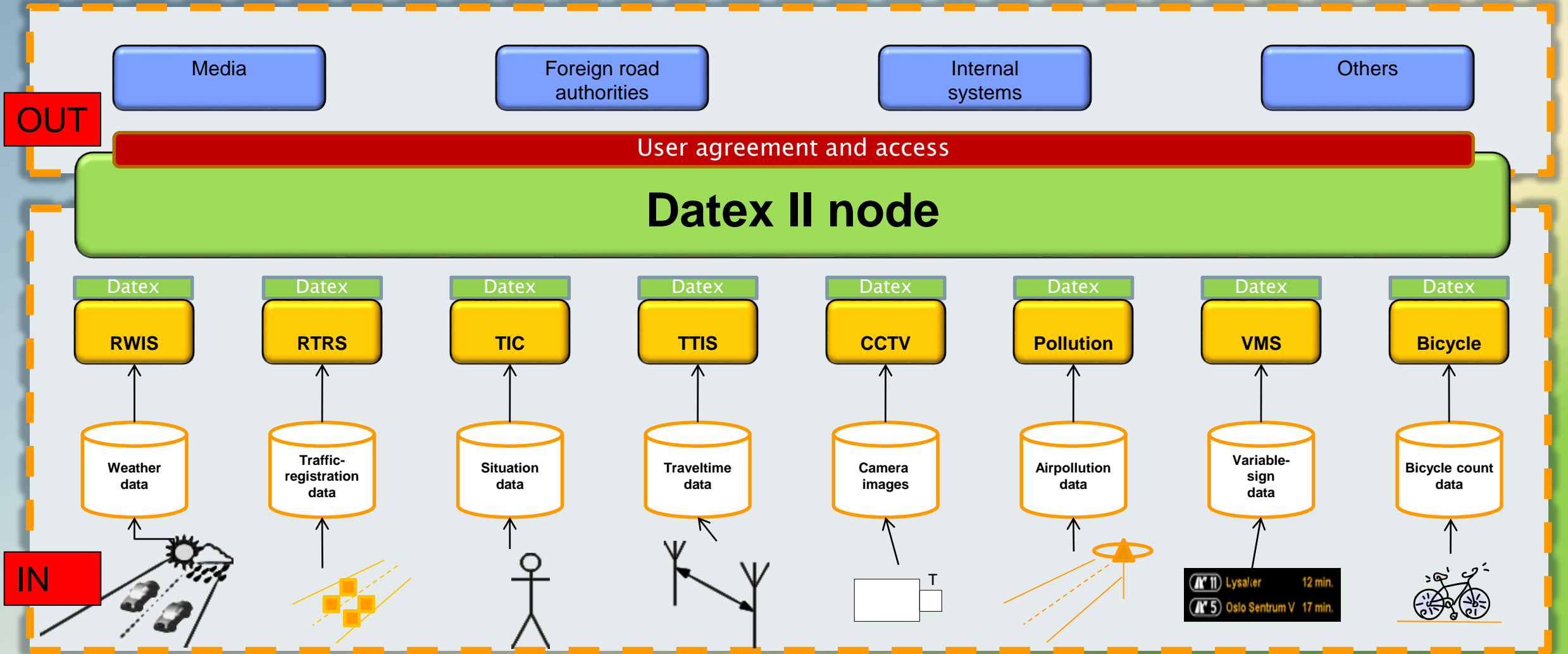
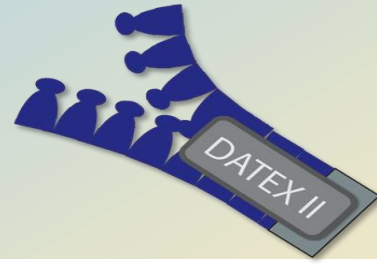


Why Datex II?

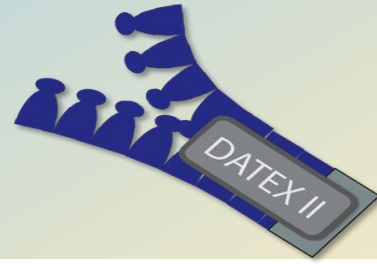


- *European perspective – ITS Directive and Action Plan*
- *National ITS Strategy and Action Plan => more focus on NPRA's role as data provider*
- *Increased demand for traffic and travel information – need to be more efficient!*
- *Increased availability of real time road and traffic data from NPRA – free of charge!*

System architecture

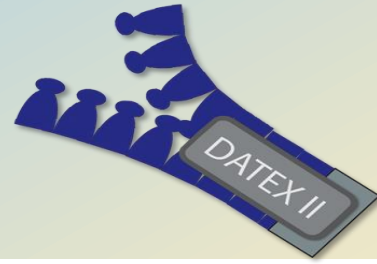


Milestones



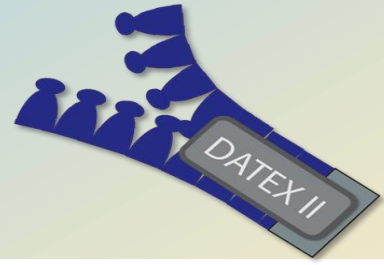
- June 2013: First version of DATEX II node established containing:
 - *road weather data*
 - *travel times*
 - *CCTV images*
 - *incidents* from national TIC system (road works, road closures and obstructions etc)
- Autumn 2013 – April 2014: Test users get access (e.g. Here.com, Swedish Transport Agency, broadcasters /media)
- **9th May 2014: beta version of national service launched! 😊**

Terms of use



- Free of charge to all users
- Use of data is regulated by *Norwegian Licence for Open Government Data (NLOD)*
- www.vegvesen.no/datex

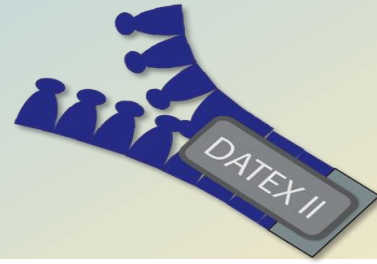
Pilot – Travel times on VMS



- Travel times from DATEX
- Integration with TMC- system
- Pilot December 2013 – April 2014
- Further deployment planned...



Experiences so far.....



- Overall positive => a well thought through information model
- Centralised and consolidated distribution of real time data from NPRA
- Focus on data provision => leave application development to the market



- Transformation from information model in NPRA's TIC system to Datex II => rather challenging (extensive mapping rules)
- Location coding => rather challenging
- Many optional elements => could be more coherent?



□ **Thank you for your attention!**

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