

**EasyWay**



Annual Forum 2010



**Shortcut to the future.**

Lisbon • November 16<sup>th</sup>-18<sup>th</sup>



**EasyWay**



Annual Forum 2010

**Shortcut to the future.**  
Lisbon • November 16<sup>th</sup>-18<sup>th</sup>

**DATEX II 4 dummies**

**Bard de Vries**



## Outline

- What is DATEX II?
- Why DATEX II 4 dummies
- Why DATEX II is a sound basis
- Now what to do?





## What is DATEX II

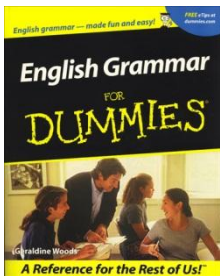
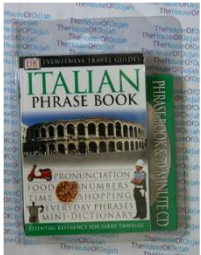


- E- language for traffic and travel information to exchange language and presentation method independent
- Like a spoken language: grammar and phrasebook
- Maintained by stakeholder community
- Stable parts are standardised
- Local additions are facilitated



## What is DATEX II 2 ?

- Like sending a letter:





## What is DATEX II 2 ?

DATEX II = language and paper

- Postal system: standard IT
  - One envelope type is developed (XML)
  - One transport type is defined in two flavours
    - Pull (webservices and simple http)
    - Push
- Content is independent from postal system
- If required other delivery methods can be developed





## Why DATEX II 4 dummies

- DATEX II covers:
  - Roadworks
  - Detector data per second or per vehicle
  - Traveltimes
  - Weather data (rain, snow, wind, dust etc.)
  - Congestion information
  - VMS settings
  - Involved cars in accidents and characteristics of injured
  - Etc.etc
- It is a language: simply providing phrasebook and grammar is not sufficient





## DATEX II is a sound basis

- CEN Standardised
- Clear framework for the traffic information language
- Maintained by stakeholders themselves in ESG 5 with clear procedures
- Clear and (never)complete information model
- Open method to adapt new requirements
- Uses standard IT solutions for non traffic specific requirements





## What to do?

- Start with defining your informationservice in functional terms:
  - With who are you going to exchange
  - Agree on the language
  - What is the Roadnetwork
  - What Information on that Roadnetwork
  - Do you really have the information?





## What to do 2?

- Determine the operational level of the service
  - Operations supported
  - Timeliness requirements
  - Strong coupled or loose
- Determine the locationreferencing method used
  - TMC, Agora-C, linear, Open-LR, TPEG





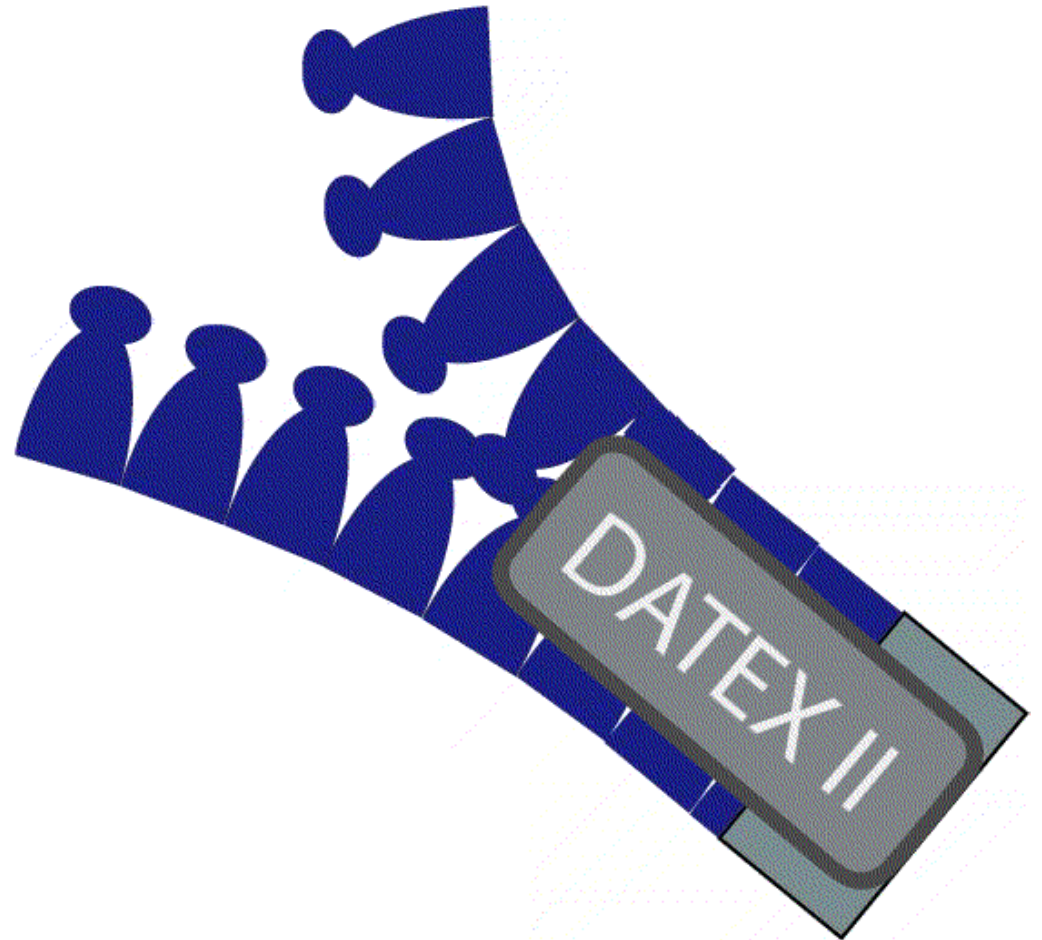
## What to do 3?

- Go to [www.datex2.eu](http://www.datex2.eu)
  - Register
  - Look for a fitting profile
  - Or create one yourself after downloading all stuff. But.... This is not a rooky exercise.
  - Create extensions if needed
  - Use the DATEX II website and available fora to ask the specialists



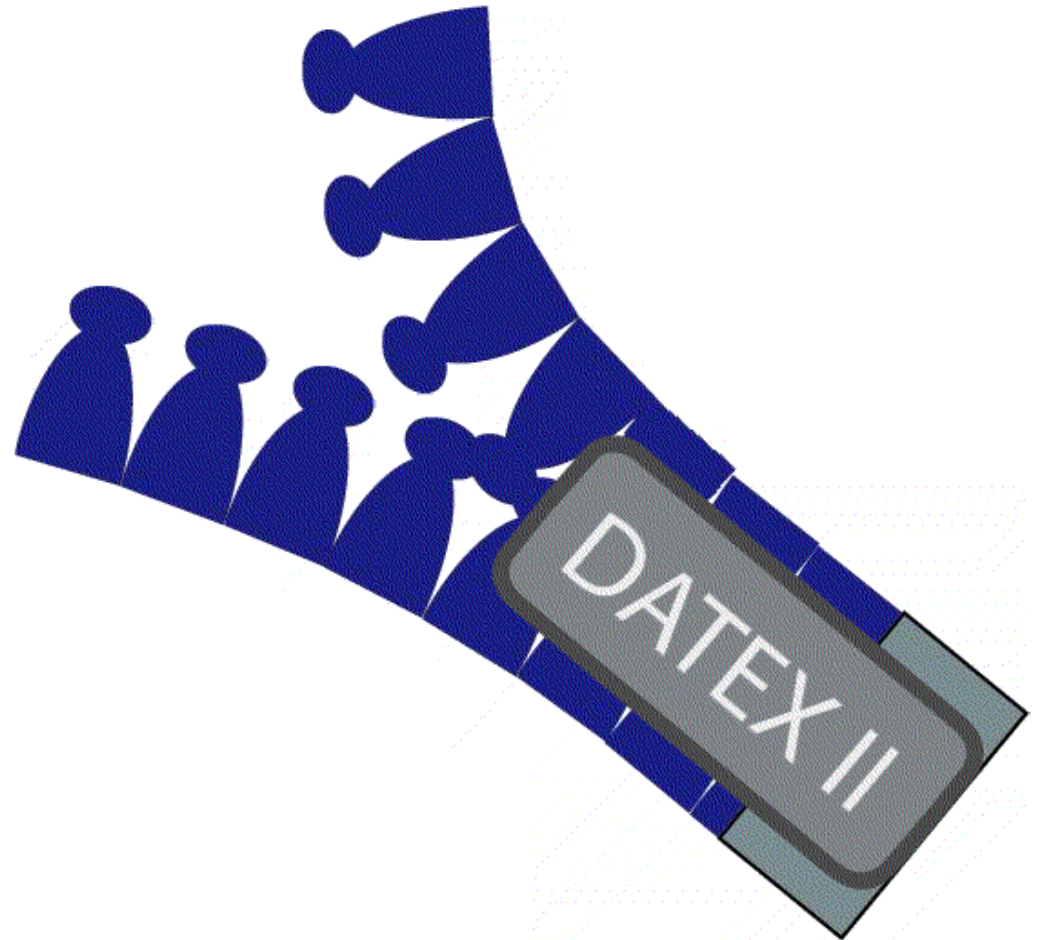


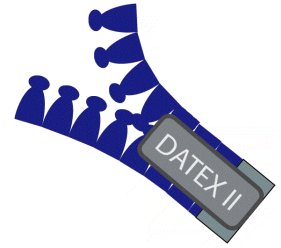
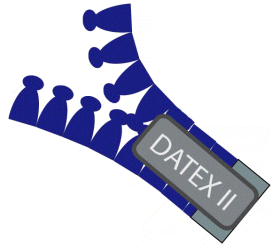
# Questions





# Congratulations





# Certified DATEX II rookie

Assigned to:

Participants DATEX II 4 dummies session



*Easyway Annual forum 2010*

*Easyway Study 5*

*Lisbon 16-november-2010*

---