

EasyWay



Annual Forum 2010



Shortcut to the future.

Lisbon • November 16th-18th



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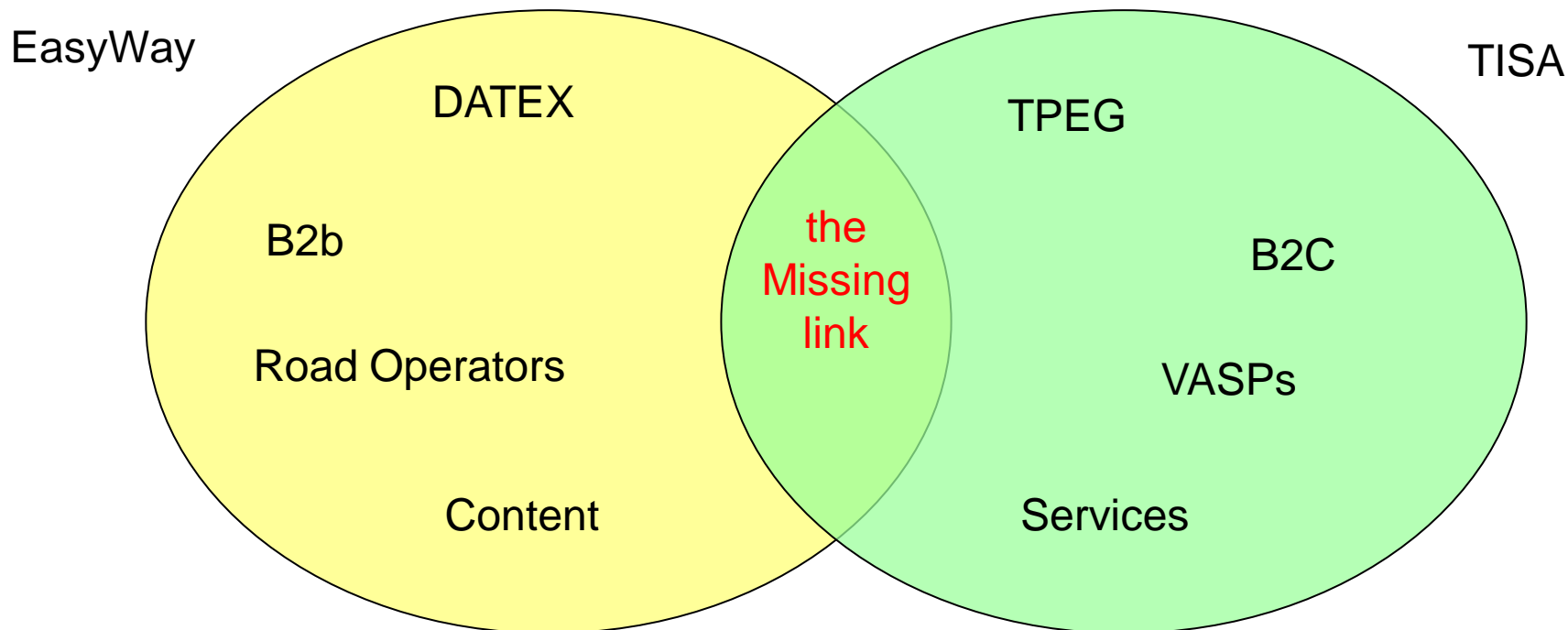
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ESG5 – TISA

Liaison

Reiner Dölger

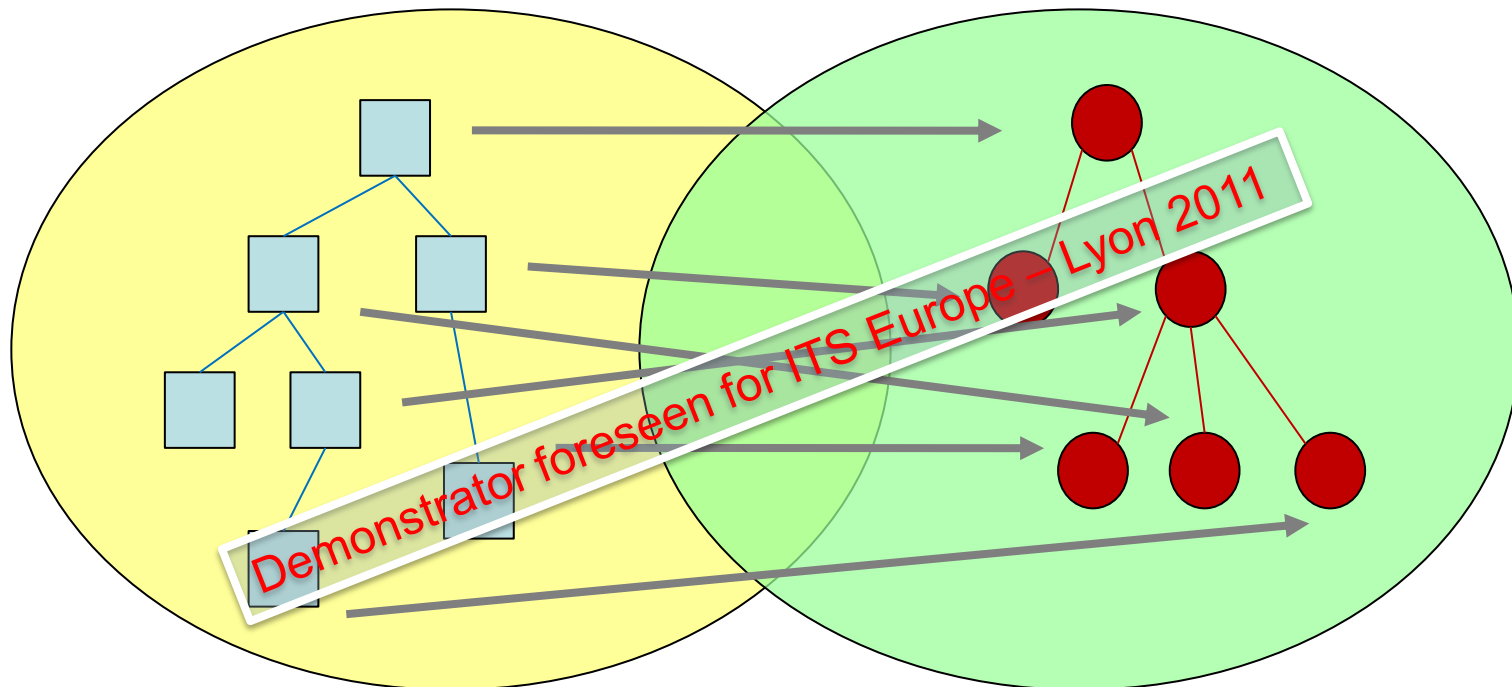
ESG5 & TISA



- Observations

- DATEX II (EasyWay ESG5) and TPEG (TISA) sit on opposite ends of the ITS service chain
- The link to map DATEX II content to TPEG messages for end user services is not defined yet
- Both share a common approach and similar concepts → good!

DATEX II → TPEG Mapping



- ToR for common expert group from ESG5 TG and TISA TF:
 - Define DATEX II profiles that match TPEG application messages
 - For each data element define its proper mapping to TPEG constructs
 - Define DATEX II extensions when needed
 - Feed back hard problems to both communities for long term convergence

- Kick-Off meeting 4 Nov at TISA
- Agreement on cooperation
- Memorandum of Understanding to be signed end of 2010
- Establishing common expert group
- Common stand with demonstrator envisaged for ITS Europe, Lyon 2011
- Short term objective: mapping
- Long term objective: convergence
- Access to TISA documents under personal confidentiality declaration

Outline Agreement between
Traffic Information Service Association (referred to in the following as TISA)
and
The EasyWay Expert and Study Group on Data Exchange (referred to in the following as DATEX)

Preface and Objectives:

Both partners agree in their objective to support the European Traveller in their modal choice, their trip planning and their decisions during their trip. They share the goal to improve the safety and the performance of European Roads for the sake of the citizens and the economy.

They agree to collaborate with the objective of an uninterrupted service chain from the road operator to the service provider and then to the road user.

They agree on the principle of consistency between traffic management and traffic information.

They agree on the following principle of main usage areas:

DATEX is focused mainly on the operations of road authorities and road operators including delivery of messages and information to the service provider, but not to the driver on the road.

TISA is focused mainly on the delivery of services towards the traveller using amongst other information coming from road authorities or road operators.

Technical Goal of the Cooperation:

It is understood that in order to achieve the goals mentioned above, the respective specifications - DATEX II according to FprCENTS 16157 and TPEG according to ISO/TS 18234 and 24530 – should be interoperable in such a way that

- DATEX II messages can be unambiguously transferred between suitable DATEX II profiles and corresponding TPEG application messages
- This transfer can be achieved with reasonable means in terms of system performance and time
- Systems can check whether messages in both formats are consistent
- The mapping between both specifications will be formally described using suitable specification techniques, to allow for unambiguous implementation
- A common recommendation including technical documentation will be published for free usage on the internet. This recommendation and the respective documentation will be maintained by both parties according to a task-sharing scheme at least for two years after publication.

Principles of Cooperation and Organisation:

Both parties agree to form a liaison Task Force which will be in charge of all matters to be decided within the cooperation. This group will

- elaborate the mapping specifications according to the concept described above
- include members from both sides that are seconded at their own cost
- be commonly chaired
- report to both parties
- installed for a time frame until 12/31/2012 and may be extended