



Sweden



TRAFIKVERKET
SWEDISH TRANSPORT ADMINISTRATION

Liikennevirasto

Finnish
Transport
Agency

RFID IN RAIL

Stockholm

2011-02-16--17



Agenda – Day 1

- 14:00** Session 1
- 15:30** Coffee break
- 15:50** Session 2
- 17:10** Short break
- 17:15** Session 3
- 18:00** Close of Day 1
- 19:00** Networking dinner



Agenda – Day 2

- 08:30** Plenary 1
- 09:30** Workshops 1
- 10:30** Coffee break
- 11:00** Workshops 2
- 12:00** Networking Lunch and Exhibition
- 13:30** Plenary 2 – Workshop reports and way forward
- 16:00** Close of Day 2



What are we doing?
Why are we doing it?
How will we do it?
When should we do it?





RFID IN RAIL

Workshop 1 – Business aspects

- David Lyon, GS1 UK
- Petter Thune-Larsen, GS1 Norway

Workshop 2 – Communication and data sharing

- Mia Lenman, GS1 Sweden
- Camille Dreyfuss, GS1 France

Workshop 3 – Technical aspects and Quality

- Alice Mukaru, GS1 Sweden
- Alexander Peterlik, GS1 Austria



What are we doing?
Why are we doing it?
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Business aspects

Communication and data sharing

Technical aspects and Quality

RFID in Rail – Stockholm – 16-17 February 2011

Statement of Intent

Consensus opinion of delegates from ten countries representing several stakeholder categories.

- in the development and introduction of Radio Frequency Identification (RFID) in railway systems in Europe it is essential that a common standard is used.
- individual implementations of such a standard must provide full interoperability and interconnectivity with the corresponding systems of other participating railways, train operators and rolling-stock owners.

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The majority of delegates further agree that for rolling stock it is desirable:

- to adopt passive RFID technology using ISO/IEC 18000-6 Type C air interface protocol and to work for the mandating of this technology as a European standard.
- to use a common identification standard for wagons and common tag data format.
- to use a common communication protocol and transaction formats to enable information sharing among authorized actors and across borders.

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To achieve these ends, the delegates intend to:

- co-operate with each other and interested parties on the development of new systems to enable as rapid an introduction as possible.
- continue to exchange information on practical experience gained in the implementation of RFID systems.
- work towards the establishment of a formal structure for liaison with national and EU regulators and development of necessary guidelines.
- call a further meeting after the summer holidays to progress the above aims.