

EUROPEAN ELECTRONIC TOLLING SERVICE - EETS

HOW AND WHEN?

**Kristian Appel
Traficon Ltd**

ITS FINLAND THINK TANK 28th May, 2008

Directive 2004/52/EU on the interoperability of electronic road toll systems in the Community

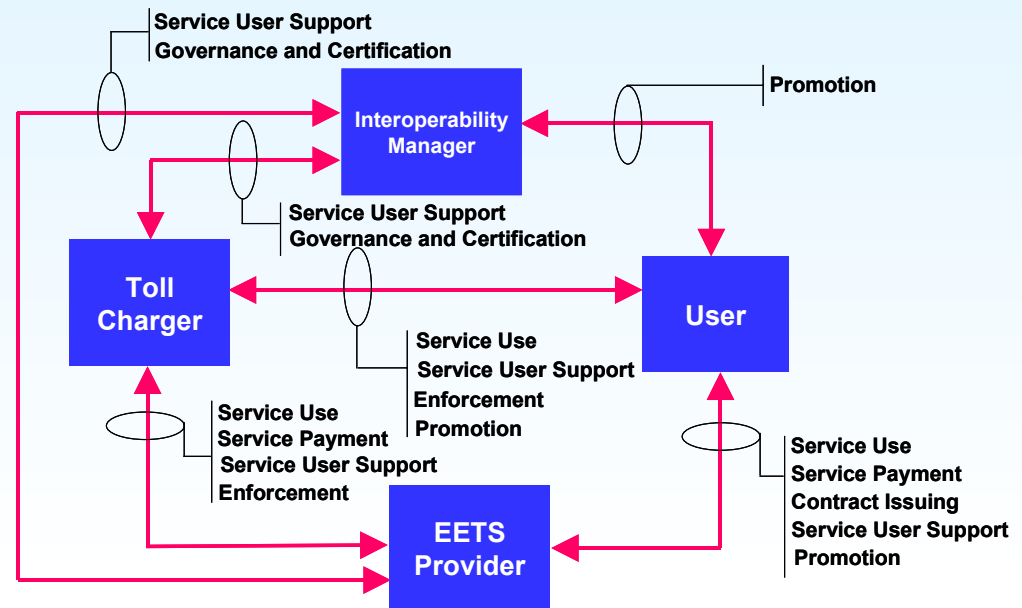
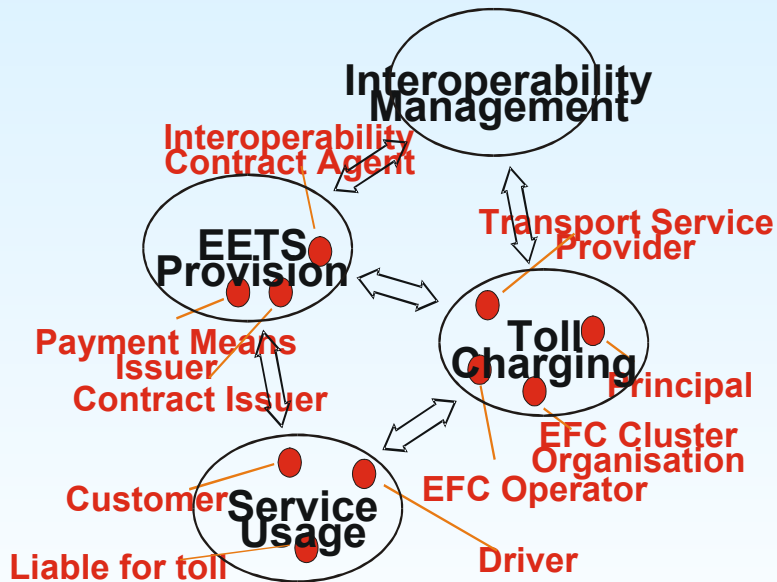
- EETS is **mandatory** for systems requiring the use of OBE
- Main idea: the user can with one EETS-contract and one EETS-OBE travel all over Europe and pay the road tolls everywhere
- technologies allowed:
 - **DSRC: CEN and Italian UNI standard**
 - **GNSS (satellite positioning)**
 - **CN (GSM)**
- the Directive foresees a split between local Toll Chargers and EETS Providers offering the interoperable EETS payment service all over Europe to ensure **equal competition**
- EETS is an **add on service** – local toll services not affected – but EETS must be accepted by all toll chargers falling under the Directive (small local systems out of scope)
- EETS is **voluntary for road users**

DIRECTIVE:

- **EETS requirements to be defined by a Decision of Comite Telepage at the latest July 2006 (!)**
- **3 years after Decision: implemented for trucks**
- **5 years after Decision: implemented for other cars**
- **the July 2006 date was not met and still there is no new date defined**

Supporting activities: **CESARE III project**

- **CESARE III: EU-funded project 2005-06**
- **CESARE III role model widely accepted as well as EETS service definition of 7 components**

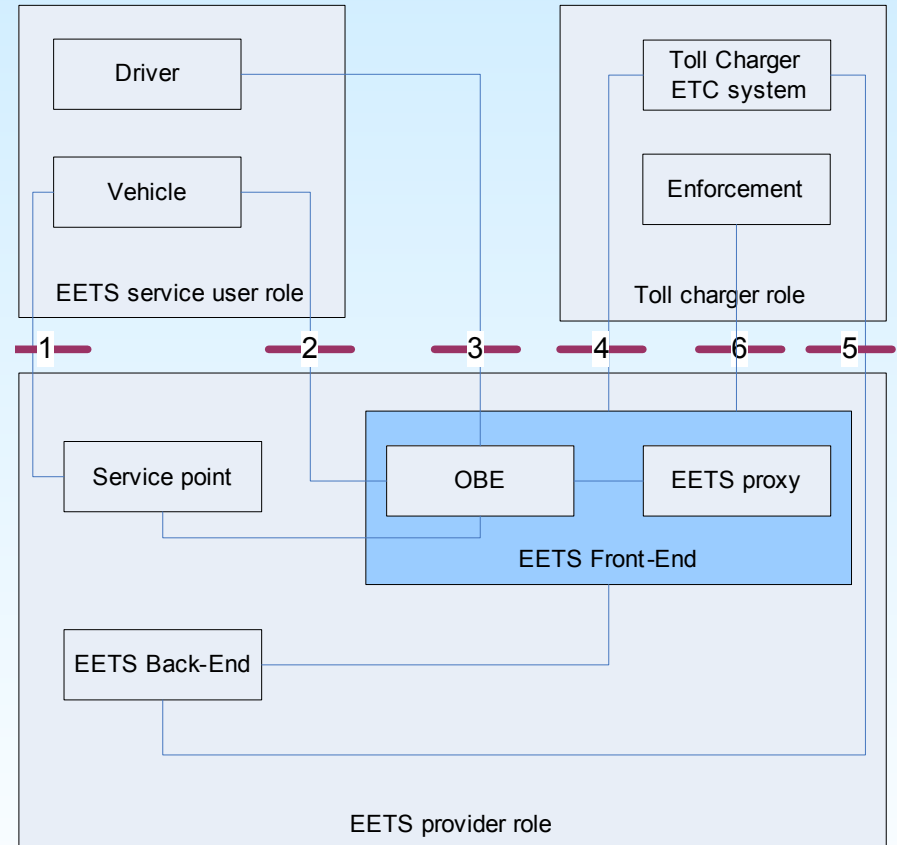


Supporting activities: **CESARE IV project**

- **CESARE IV EU-funded project 2007-09**
- **specifies the necessary conditions for EETS** from the users, toll chargers, EETS providers and the interoperability management point of view
- **the content of the conditions will be defined by end of June 2008**
- **how and by whom these conditions are realised will be defined by end of December 2008**
- **CESARE IV will thus also propose a management structure for the EETS**

Supporting activities: **RCI**

- **RCI: EU-funded project 2006-08**
- **demonstrates EETS OBE by two industry solutions:**
 - **thin and thick client**
- **open architecture widely accepted**
- **both OBEs validated in all important toll domains in south and central Europe**
- **project soon finalised**



Supporting activities: **Standardisation**

- **Both CEN and ETSI**
- **For the **DSRC** part quite complete technical standards already exists (this took 10+ years)**
- **For **GNSS/CN** based systems nothing is completed, but some parts are under development**
- **Limited resources for the work but EC expects fast results**
- **Essential parts planned to be finalised by late 2010**
- **Standards do not specify systems but offers tools**

EETS Decision process

- **Comite Telepeage** now meeting quite frequently
- **Commission staff has changed completely during the process**
- **New Decision date not yet fixed**
- **Now several decisions foreseen**
- **First decision probably to cover already accepted and high level issues**
- **Later decisions will cover not yet defined issues and details (like GNSS supported solutions)**
- **Still very many open issues**

Open issues etc.

- **EETS management:** input from CESARE IV expected by end of 2008
- **GNSS requirements:** CEN to finalise late 2010 at the earliest
- Unclear when the **3 and 5 years clocks** start to run for EETS to be fully implemented.
- **Cross-border enforcement** is a very complicated legal issue – also business case concerns
- **Certification** of equipment and services (Notified bodies)
- **Competent authorities: National registers**
- **Date of first Decision: At the earliest in summer 2009**
- **Date of later Decisions: Commission puts pressure on time table**
- **Stake holders want clear definitions**

Open issues etc.

- Many countries are planning implementations
- **Member States are not willing to “sign a blank check”** – first clarification of all relevant issues – then 1st Decision
- Lobbying by ASECAP and Stockholm group
- Deep concerns how to ensure business case for EETS providers - who is to pay the costs?
- **Value added services** as add on by EETS providers?
- Member states ask for **EETS road map and “big picture”**
- **However: last meeting yesterday (27th of May 2008) was somewhat promising** although all tricky issues were not yet on the table - only 1/3 of the draft decision was discussed in detail
- Next meeting early July - several further meetings expected

EETS IS COMING

ARE YOU READY?

Thank You!