Directive 2004/52/CE

European Commission - DG TREN

EFC DIRECTIVE

- **1. THE STATUS OF THE DIRECTIVE**

  - Adopted in March 2004 by the Council and in April 2004 by the Parliament

  - In force since end of May 2004

  - Should be put in national legislation for 20 October 2005 : not yet achieved !

EFC DIRECTIVE

- ## 2. THE OBJECTIVE :
  - Regulatory frame for the deployment of a unique **European EFC service** in three stages:
    - First stage : definition of the service for 1 July 2006
    - Second stage : HGV and Long Distance Coaches, 3 years after - planned for mid 2009
    - Third stage : all vehicles, 2 years after trucks - planned for mid 2011
  - The Directive will not interfere with the pricing policies of the Member States, but the systems implemented should be capable to handle any charging policy decided at national levels

EFC DIRECTIVE

- ## 3. THE PRINCIPLES OF THE SERVICE

  - basic principle : <u>one single contract - one single onboard unit</u> per vehicle
  - Later on : <u>one single invoice ?</u> – but not mentioned in the text
  - available on the whole tolled network
  - used for whatever toll or fee or tax
  - same quality of service in any country, non depending on the country where the contract is signed, the nationality of the vehicle or the driver

EFC DIRECTIVE

- ## 4. THE TECHNOLOGIES :

Two basic technologies :
- GNSS / GPRS as a future objective for all systems
- Microwave 5.8 GHz

Plus
- A link to the digital tachygraph
- Other technologies allowed as far as they do not discriminate non-equipped clients

COMITE TELEPEAGE

- It is a <u>Regulatory Committee</u>

- The <u>EFC Expert Group</u> prepares the documents and resolutions proposed for vote in the Regulatory Committee

COMITE TELEPEAGE

- <u>Regulatory Committee</u> limited to the 25 EU Member States with a voting right

- <u>EFC Expert Group</u> : advising group from the 25 MS + candidate countries (HR – RO – BG – TR) + EFTA countries (NO – CH – Iceland) + associations (ASECAP – IRU – ERIC – IRF – ACEA)

ROAD PLATFORM

- The link with the private sector is the

ROAD PLATFORM

launched by the road operators association ASECAP and supported by the EC DG TREN

- Already 8 meetings
- Last meeting : 7 September 2005
- Each of them on a specific topic
- Registration free at asecap@skynet.be

Definition process

Project or Expert Group	→ **Report** → **EUROPEAN COMMISSION**

Proposals

Advices

Regulatory Committee (vote)

EFC Expert Group

Road Platform

yes   **no**

COUNCIL OF MINISTERS

DEFINITION

Commission Européenne

WORK PROGRAM

Work Program

- **Working Groups :**
  - 1. DSRC technologies led by Jesper Engdahl (RAPP AG)
    - Report studied by EFC Expert Group 8 June 2005
  - 2. Classification of vehicles led by Ken Perrett
    - Report finalized February 2005
  - 3. enforcement of offenses led by Jean Mesqui (ASFA)
    - Report studied by EFC Expert Group 9 June 2005
  - 4. certification centers (led by Fransisco Soriano - LISITT)
    - Report studied by EFC Expert Group December 2005
  - 5. GNSS/CN technologies for EFC led by Wolfgang Beier (Toll Collect)
    - Report studied by EFC Expert Group 8 June 2005

Work Program

- 6. integration of OBU in vehicles, led by Mike Hollingsworth ACEA
    - Report studied EFC Expert Group December 2005
- 7. the role of the financial institutions in the system led by Klaus Philipp (AGES – DE) – starts March 2006
    - Report expected July 2006
- 8. Verification of the Telepass Specification, follow-up of EG 1 , led by Jesper Engdahl
    - Report received September 2005, studied EFC Expert Group March 2006
- 9. Specifications for a pan-European satellite EFC system : led by Ian Catling
    - Report received Feb 2006 and studied EFC Expert Group March 2006

Work Program

- 10. Technologies and specification for enforcement : led by Joao Pecegueiro (Via Verde – PT)
  - Report received Feb 2006 and studied EFC Expert Group March 2006
- 11. specifications for a pan-European EFc application on microwaves led by Bernhard Oehry (RAPP AG)
  - Report received Jan 2006 and studied EFC Expert Group March 2006
- 12. security of the transactions to be launched
- 13. Synthesis on enforcement after VERA, EG3 and EG 10 : to be defined

Work Program

- <u>Time Schedule</u> :
  - From the Directive, a delay of about 1 year is expected for the completion of the elements of definition
  - Information of the council and Parliament will be provided on this issue
  - However, EC estimates that Member States should keep the date of July 2009 for the implementation of the Directive for hauliers

Work Program

- ## Road Charging Interoperability (RCI)
  - Project for demonstration under the frame of the 6th RTD FP
  - Launched in July 2005 for 36 months
  - Led by ERTICO and involves most of motorway and toll operators in Europe
  - Demonstration of transactions by DSRC as well as GNSS / CN with the same onboard unit
  - Call for tenders currently under processing, to choose two electronic integrators for the OBU : contract signed June 2006

CESARE III

- Projet between ASECAP (PT – AT - DK - ES – FR – IT – NO – SLO - EL – HR – HU) and the Stockholm group (UK – NL – DE – SV – FI – CH – SLO)
- Follow-up of CESARE I and II
- Cesare II has provided important results for cooperation between road concessionnaires levying tolls
- Results applied in PISTA inside ES and between ES and FR
- CESARE III aims to adapt CESARE II to the needs of the Stockholm group organizations

CESARE III

- **4. Structure of the project** :
  - WP 1and 2 : revise business model and provide service definition
  - WP 3 and 4 : organisational arrangements and documents for contractual interoperability between operators of all kinds
  - WP 5 : procedural interoperability
  - WP 6 : liaison with external bodies like the Comité Télépéage
  - Duration 18 months starting April 2005
  - Contact : Claude Bidaud (ASF – France)
    - Tel : +33.1.72.71.90.20
    - claude.bidaud@asf.fr

Work Program

- European Network of Certification Centers (ENCC)
- Suggested by the report of EG 4
- Feasibility study on the implementation of the network
  - Onboard units (key issue)
  - Roadside equipment
  - Enforcement tools providing the evidence of the offence
  - Integration of OBU in the vehicles
- Call for tender launched February 2006
- EG4 report attached to the call for tenders.
- Comments of the Member States to be provided in addition to the contractor

Thanks for your attention

Commission Européenne