



PROJECT'S HISTORY

CESARE project started in 1998. After the first three phases which dealt with service definition, technical, operational and contractual interoperability, tenders and system implementation, the final fourth phase aims at defining a framework for establishing an interoperable EETS – European Electronic Toll Service, functioning in a coordinated way at European level.



OBJECTIVES AND ORGANISATION

- Define a set of basic guidelines for providing EETS (technical, contractual, legal and procedural).
- Define and establish the Interoperability Management (IM) role.
- Solve open issues from previous projects, as far as required for a functioning EETS.
- Define a migration path from the current status to EETS, utilizing the experience from regional projects and RCI by working through five working packages.



PARTNERS

The CESARE IV project is led by ASECAP and the project partners are represented by 10 ASECAP members and 7 Public Administrations from Finland, France, Germany, The Netherlands, Sweden, Switzerland, United Kingdom.

Concept & Design

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EDITORIAL

CESARE IV (Common Electronic Fee Collection System for a Road Tolling European Service) is a project set up by **ASECAP** (the *European Association of Toll Motorways Operators*) in connection with the **Stockholm Group** (a forum of Road Public Administrations from *Finland, France, Germany, The Netherlands, Sweden, Switzerland, United Kingdom*) and co-financed by European Commission, with the objective of specifying, designing, developing, promoting and implementing a common interoperable Electronic Fee Collection System (EFC) on European toll roads. The main goal of CESARE IV is to define, according to the European Directive 2004/52, a framework for establishing an interoperable EETS (*European Electronic Toll Service*), functioning in a coordinated way at the European level, while allowing the Member States to fasten the pace of their National implementation plans for EETS.

This is the first issue of the CESARE IV project newsletter, intended to put the project information and results at disposal of the tolling community, in order to foster the exchange of views and the cooperation within the road sector, thus allowing for a proper placement of the project aims and results in the European development framework. This communication tool is also accompanied by the CESARE IV website, **www.cesareiv.eu**, where the project information will be available on-line.

We hope that all the readers will enjoy this ride across the European toll collection world.

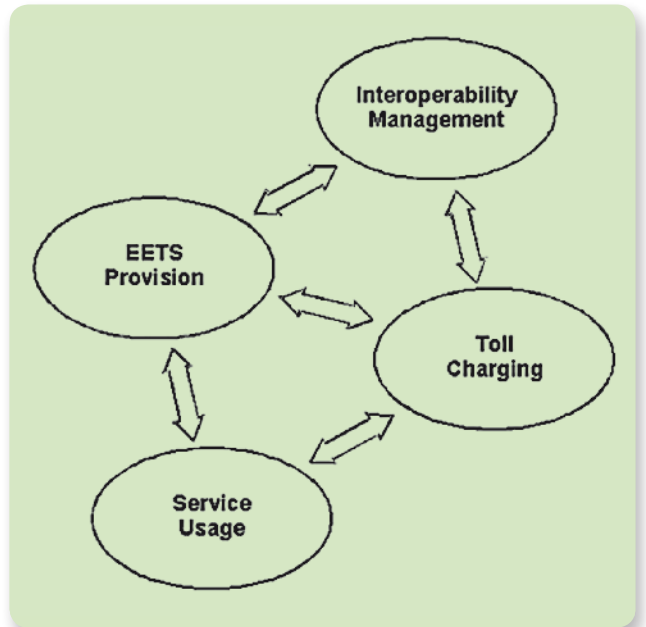


PROJECT'S HISTORY

The CESARE project started in 1998 and it is divided into four project phases:

- **Phase I: Service definition, technical and operational interoperability.** This phase closed at the end of 1999 with the result of achieving the basic definition of the technical and of the operational interoperability.
- **Phase II: Contractual interoperability and feasibility validation.** That phase started in the year 2001 and ended in February 2002. This second phase touched the different interoperability levels (technical, procedural and contractual) and provided a whole framework for interoperability of the EFC systems based on DSRC (Dedicated Short-Range Communications).
- **Phase III: Tenders and system implementation.** The third phase started in April 2005 and was achieved in September 2006. CESARE III's main objective was to study the modifications made to the contractual and organisational set of documents drawn up in phase II. This needed to take into account the new actors, which for the first time included countries which have confirmed their participation in a national road toll system, road toll in urban areas and the EFC European directive. With the third phase a new CESARE model has been introduced and 4 roles to be performed in the European Electronic Toll Service (EETS) have been

identified and put in 4 groups as shown in the graphic below.



- **Phase IV: Definition of a framework for establishing an interoperable EETS (European Electronic Toll Service).** The fourth and final CESARE IV phase started in December 2007 and will last around 24 months.



OBJECTIVES AND ORGANISATION

Objectives:

The main goal of CESARE IV is to define a framework for establishing an interoperable EETS (European Electronic Toll Service), functioning in a coordinated way at the European level, while allowing the Member States to fasten the pace of their National implementation plans for EETS. In this way CESARE IV will contribute to the implementation of the Directive 2004/52/EC (Directive 2004/52/EC of the European Parliament and of the Council of 29 April 2004 on the interoperability of electronic road toll systems in the Community).

The project scope can be summarised as follows:

- Define a set of basic guidelines for providing EETS (technical, contractual, legal and procedural)
- Define and establish the Interoperability Management (IM) role
- Solve open issues (from previous projects), as far as required for a functioning EETS
- Define a migration path from the current status to EETS, utilizing the experience from regional projects and RCI.

The project will look for solutions which are valid for all



CHARGING OF HEAVY GOOD VEHICLES IN THE EU
Map from the European Commission

service users, both heavy vehicles and passenger cars. Nevertheless, a key focus will be on heavy vehicles as a higher demand for interoperability is expected in this customer segment and also the deadline for implementing EETS is shorter for the heavy vehicles.

In order to establish the European Electronic Toll Service (EETS), three phases must be executed:

- The preparation phase (Phase 1)
- The implementation phase (Phase 2)
- The operation phase (Phase 3)

The CESARE IV project covers the first two phases.

Organisation:

The CESARE IV Project is composed by 5 working packages:

• WP 01: EETS basic guidelines

WP 01 verifies the CESARE III model against the practical experiences from the interoperable EFC schemes that have been developed, e.g. MEDIA, NORITS and VIA IBERICA. WP01 will also draft the EETS basic guidelines covering the remaining issues related to technical, contractual, legal and procedural issues. Finally the work package will check the recommendations from the EETS Expert Groups in relation to the EETS guidelines.

• WP 02: Interoperability Management Role framework, functions and procedure

The Interoperability Management Role (IM) will have to operate within a legal, operational, economical and administrative/organisational framework. WP 02 will define this framework and it will also define the functionality of the IM down to a detailed and operational level.

• WP 03 IM preparation and implementation

WP 03 will prepare for the establishment of the IM by preparing an Implementation plan. Additionally WP 03 will define a roadmap showing how EFC systems already in operation, as well as new ones, can proceed to offer EETS. Further, the final operational functions and procedures will be created in cooperation with the actor(s) within the IM role.

• WP 04 Communication











This work package covers dissemination, interfaces, contacts and liaisons with bodies outside CESARE IV.

• WP 05 Project Management








WP 05 covers the management of the overall CESARE IV project and the coordination of the resources.

The CESARE IV project is led by ASECAP and the project partners are represented by 10 ASECAP members and 7 Public Administrations, as follows:

ASECAP members

 AISCAT Associazione Italiana Società Concessionarie Autostrade e Trafori	 APCAP Associação Portuguesa das Sociedades Concessionárias de Auto-Estradas ou Pontes com Portagens	 ASETA Asociación de Sociedades Españolas Concesionarias de Autopistas, Túneles, Puentes y Vías de Peaje	 ASFA Association professionnelle des Sociétés Françaises Concessionnaires ou Exploitantes d'Autoroutes et d'Ouvrages Routiers	 ASFINAG Autobahnen - und Schnellstraßen Finanzierungs - Aktiengesellschaft
 DARS Povezujemo Slovenijo	 NORVEGFINANS Norske Vegfinansieringsselskapers Forening	 SUND & BAELT Holding A/S	 TEO Fonds Routier National Hellenique	 TOLL COLLECT service on the road TOLL COLLECT GmbH

Public Administrations from 7 European countries

 FINLAND Ministry of Transport and Communications	 FRANCE Ministry for Ecology, Energy, Sustainable development and Spatial planning	 GERMANY Ministry of Transport, Building and Urban Affairs	 THE NETHERLANDS Ministry of Transport, Public Works and Water Management	 SWEDEN Swedish Road Administration
 SWITZERLAND Swiss Federal Customs Administration	 UNITED KINGDOM Department for Transport			

CONTACTS

For further information about CESARE IV project, please contact CESARE IV Working Group 4 "Communication" to the following address: emanuela.stocchi@aiscat.it