



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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CESARE IV WP02: THE DEFINITION OF THE INTEROPERABILITY MANAGEMENT ROLE

Work Package 02, "IM framework, functions and procedures", has completed its task with success. WP02 was focused on the Interoperability Management Role framework, functions and procedures. Having the Interoperability Management Role (IM) to operate within a specific and well structured legal, operational, economical and administrative/organisational framework, WP 02 had the task to define this framework, as well as the functionality of the IM down to a detailed and operational level. WP02 has been led by Mrs. Valérie Dumerc, Head of Legal Affairs in ASFA (*Association professionnelle des sociétés françaises concessionnaires ou exploitantes d'autoroutes et d'ouvrages routiers*) and it was composed by 20 experts representing different Member States, different organisations and different professional backgrounds and experience related to Electronic Toll Collection.

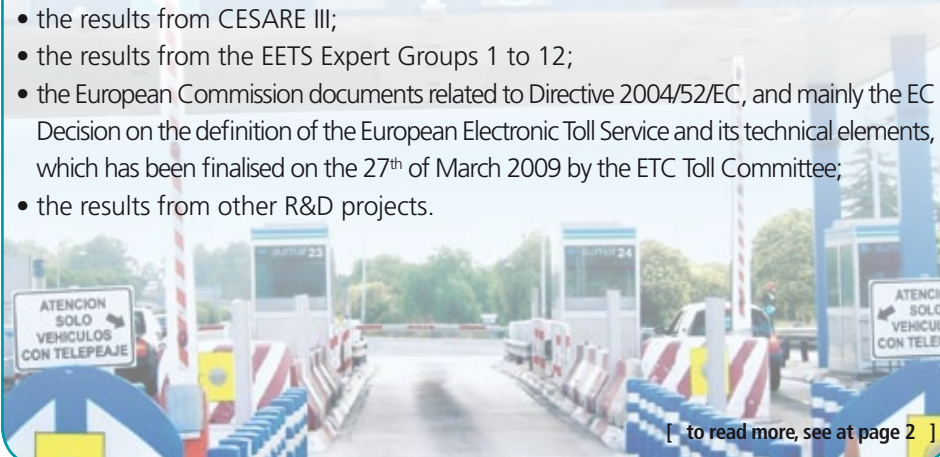
WP02, started in July 2008, finished and delivered its results in March 2009.

The **main objectives** of WP 02 were:

- define the IM framework concerning legal, administrative/organisational, economical and operational issues;
- define the IM functions and procedures needed for the operation of EETS – *European Electronic Tolling Service*.

WP02 was based on the previous work of WP01 and took into account, as starting points of its analysis and study, the following items:

- the results from CESARE IV WP 01 "EETS basic guidelines";
- the experience from the operation of MEDIA, NORITS and VIA IBERICA projects as well as the experience related to National electronic tolling schemes of the project partners;
- the results from CESARE III;
- the results from the EETS Expert Groups 1 to 12;
- the European Commission documents related to Directive 2004/52/EC, and mainly the EC Decision on the definition of the European Electronic Toll Service and its technical elements, which has been finalised on the 27th of March 2009 by the ETC Toll Committee;
- the results from other R&D projects.



[to read more, see at page 2]

CESARE IV WP02: THE DEFINITION OF THE INTEROPERABILITY MANAGEMENT ROLE

On this basis, and starting its analysis of IM Role, WP02 found out that there was a need for:

- sorting out the legal alternatives, problems (and solutions), different contractual issues etc in order to find and describe the optimum solution for the Interoperability management role;
- analysing the different alternatives for organising this type of organisation (Interoperability management) based on a collection of knowledge from existing interoperable EFC systems and similar types of systems in other sectors, e.g. railways, energy (gas and electricity), postal services and telecommunications;
- analysing the different ways of funding the establishment and operational costs for the different actors involved in the Interoperability Management role. Experience from other sectors as well as existing interoperable EFC systems should be an important input to this work;
- defining the procedures that will be the core functionality of the Interoperability Management (IM) and distribute these procedures amongst the actors who have one or more of the responsibilities defined for the IM in WP 01. This also includes the internal interfaces (between the IM actors) and the external interfaces (between the IM and any external role related to the operation of EETS, e.g. the Advisory forums of EETS providers and the Toll Chargers, EETS Equipment manufacturers and the European Commission.

Another important point, which was very helpful for carrying out WP02 work, was the close cooperation with the *Advisory Forum*, a group consisting of experts from potential EETS providers, with which CESARE IV has a permanent contact and exchange of views in the perspective of establishing an efficient and functioning EETS.

WP 02 also carried out a benchmarking of similar interoperable systems in other sectors, e.g. telecommunication and railways. The results of this benchmarking was a valuable input to the work done by WP 02. Moreover, WP02 took care of following up the development of the EETS Decision prepared by Electronic Toll Committee chaired by EC - DG TREN and of giving input to the process both through CESARE IV presentations in ETC Toll Committee meetings, as well as concrete proposals to the draft text of the Decision, which has been voted and approved by the ETC Toll Committee on the 27th of March 2009.

Finally, a two phases approach – high level description of the framework presented in the Report D 2.1 Interoperability Management Framework and a more detailed description of the procedures in the Report D 2.2. Interoperability Management functions and procedures was chosen by WP02. This top – down approach could ensure the transparency with the WP 01 results and present the work done and the results of WP 02 in a more logical way.

WP 02 Results

The **Report D 2.1 Interoperability Management Framework** covers the following issues and results:

- Essential Requirements
- Legal and operational Framework
- Financial and economical framework – responsibility and liability

The **Report D 2.2 Interoperability Management functions and procedures** covers the following issues and results:

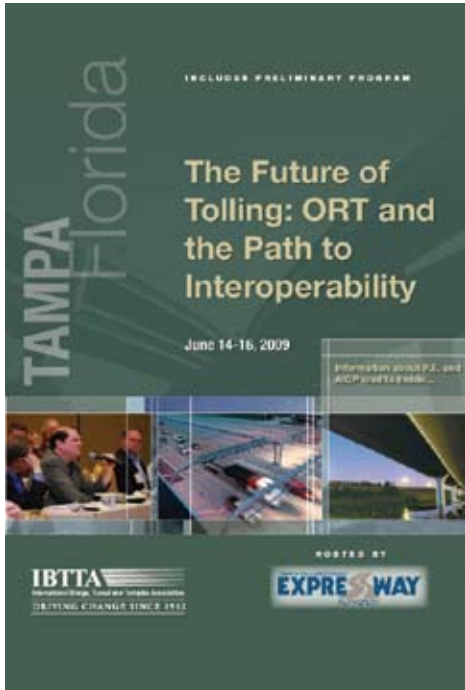
- EETS Regulation
- Information and security
- Procedures leading to EETS Status
- Settlement of disputes



CESARE IV PARTICIPATION

in International Conferences:

Tampa (IBTTA) and Stockholm (ITS World Congress)



CESARE IV has been invited to take part in the **IBTTA** (International Bridge, Tunnel and Turnpike Association) **Interoperability Summit** which will take place in Tampa, Florida, from the 14th to the 16th of June 2009: CESARE IV Project Leader, Mr. Anton Sieber, will be guest speaker in a special general session called "**Interoperability is hard in Europe too!**", where panellists from Europe and from North America will exchange views on the matter and in a specific technical session called "**Interoperability: is the juice worth the squeeze?**", more focused on the legal and contractual aspects of the European interoperability.

Moreover, **CESARE IV** will attend the **16th ITS World Congress** which will take place in Stockholm, Sweden, from the 21st to the 25th of September 2009: CESARE IV will have an exhibition space within the stand of the European Commission and will be actively involved in the Technical sessions dedicated to EETS (European Electronic Toll Service).



WORK PACKAGE 03 PREVIEW

On the 25th of March 2009, following the results of WP02, WP 03, the last Work Package of CESARE IV Project, has started its task. WP03 will mainly focus on IM preparation and implementation and will analyse the establishment of the IM by preparing an Implementation plan. Moreover, 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 actors within the IM role. WP03 will follow WP02 and it will last until the end of the project in December 2009.











CALENDAR

of International road events










- *Budapest, Hungary,*
23-28 May 2009
ITA-AITES World Tunnel Congress 2009
- *Krakow, Poland,*
24-27 May 2009
XXXVII ASECAP Study and Information Days
- *Leipzig, Germany,*
26-29 May 2009
2009 International Transport Forum on the theme Transport and Globalisation
- *Istanbul, Turkey,*
27-29 May 2009
Intertraffic Istanbul 2009, the leading exhibition for infrastructure, traffic management, safety and parking
- *Tampa, Florida, USA,*
14-16 June 2009
IBTTA ORT and Interoperability Summit
- *Denver, Colorado, USA,*
19-21 July 2009
IBTTA Incident Management, Safety and Security Summit
- *Riga, Latvia,*
24-26 August 2009
XXVIIth International Baltic Road Conference
- *Chicago, Illinois, USA,*
13-16 September 2009
IBTTA 77th Annual Meeting
- *Stockholm, Sweden,*
21-25 September 2009
16th ITS World Congress
- *Quebec, Canada,*
8-11 February 2010
XIIIth PIARC International Winter Road Congress
- *Lisbon, Portugal,*
25-28 May 2010
16th IRF World Road Meeting

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 Concessionarias 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 D.D. Družba za avtoceste v Republiki Sloveniji, d.d.	 NORVEGINANS Norske Vegfinansieringsselskapers Forening	 SUND & BAELT Holding A/S	 TEO Fonds Routier National Hellenique	 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
 Zoll Douane Dogana Customs	 Department for Transport			 SWITZERLAND Swiss Federal Customs Administration
 UNITED KINGDOM Department for Transport				

CONTACTS

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