



## **Theme 4: ICT for innovative Government and public services**

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# Theme 4: ICT FOR INNOVATIVE GOVERNMENT AND PUBLIC SERVICES

**Objective 4.1: Basic Cross Sector Services**



**Pilot  
Type A**

**Objective 4.2: Extension of eCODEX**



**Pilot  
Type A**

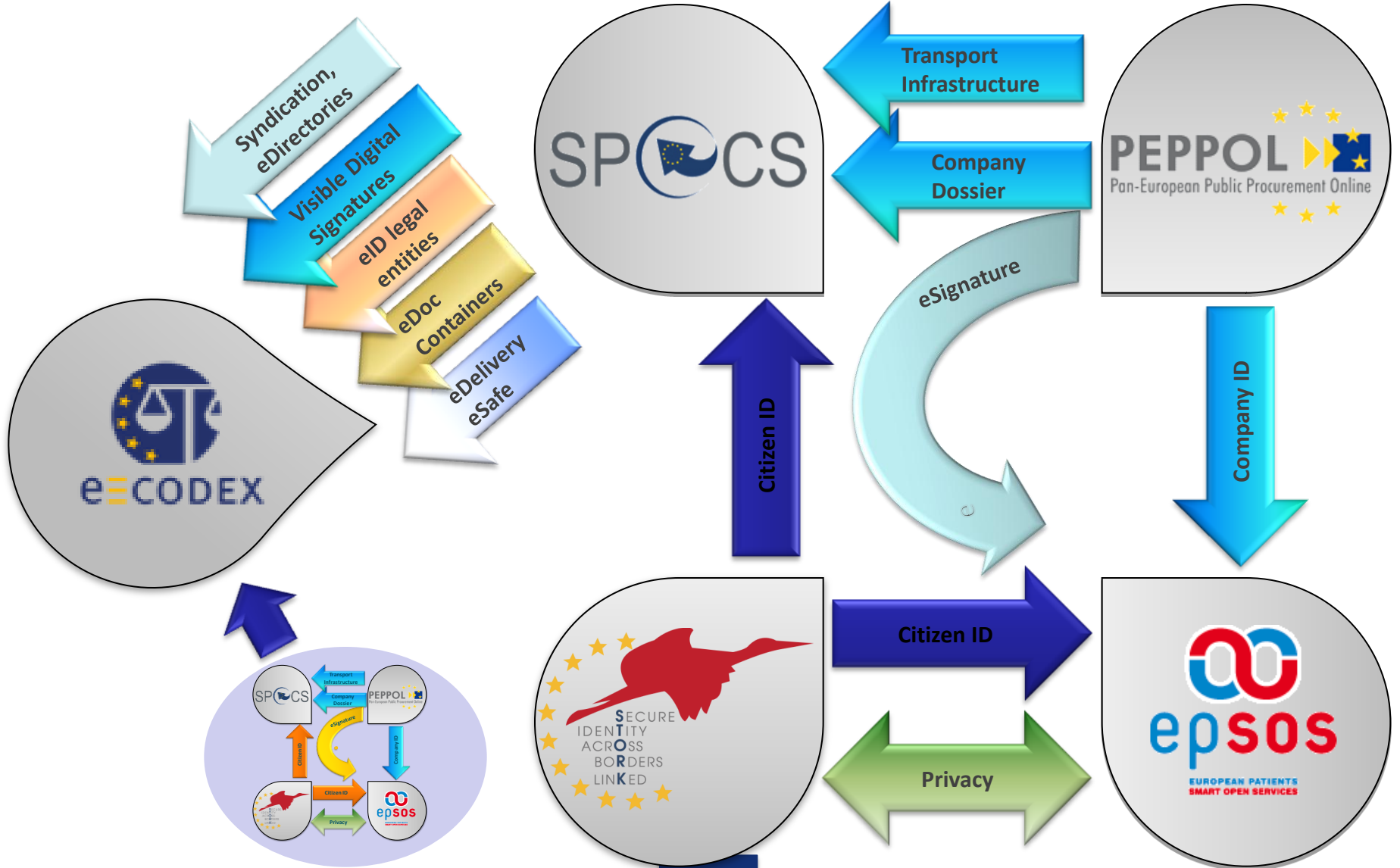
**Objective 4.3: Enlargement of the pilot  
HeERO**



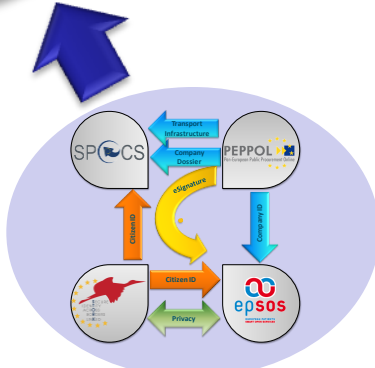
**Pilot  
Type A**



European Commission



- Syndication, eDirectories
- Visible Digital Signatures
- eID legal entities
- eDoc Containers
- eDelivery eSafe



## Objective 4.1: Basic Cross Sector Services

### Focus and outcome

- **Complete the work performed by the pilots to develop a comprehensive, coherent and reusable set of public services building blocks based on the outcome of the pilots, but could also included missing blocks (eID, eDelivery, Virtual Company Dossier)**
- **Prepare the path for the long term deployment and take-up**
- **Must work in coordination with the running pilots**

# Objective 4.1: Basic Cross Sector Services

## Characteristics

- To include 12 months piloting
- Dissemination is a critical activity for the take-up
- Up to 12M€ EU-funding, minimum 6 National Administrations
- Open specifications and open source licenses
- Involvement of standardisation bodies recommended

## Impact

- Offer an operational set of services for the public interest
- Promote the reuse in many cross border public services domains

# Objective 4.2: Extension of eCODEX

## **Focus and outcome**

- **eCodex is a pilot A in eJustice. The pilot includes 14 MS and Turkey.**
- **Extension geographically and extension of scope.**
- **The pilot should also be completely integrated into the eJustice portal of the European Commission**

# Objective 4.2: Extension of eCODEX

## Characteristics

- Must include at least 5 additional MSs or associated States
- In particular, attention will be paid on cross border judicial fields of law
- Up to 5M€ EU Funding
- Offer a complete set of services integrated in the eJustice Portal

## Impact

- Offer an effective cross border eJustice service
- Deployment of building blocks (see 4.1) in the eJustice area

## More information

- Websites:  
<http://ec.europa.eu/egovernment>  
<http://ec.europa.eu/egovernance>  
<http://www.epractice.eu>





## **CIP ICT-PSP**

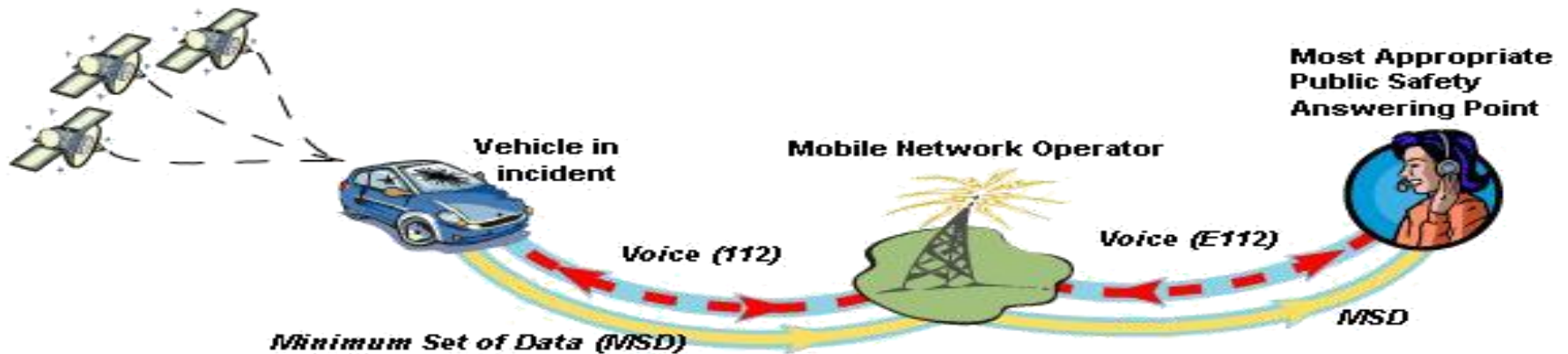
# **4.3 Enlargement of the pilot HeERO on the pan-European eCall service WP 2012-2013**

**CIP ICT-PSP InfoDay 6th Call  
3rd February 2012**

**Emilio Davila  
DG INFSO.G4: Unit ICT for Transport**

# Objective: Extension of the of Pilot HeERO:

Deployment of the necessary infrastructure to realise the interoperable EU-wide in-vehicle emergency call service “eCall”



# HeERO: Harmonised eCall European Pilots



***HeERO includes nine Pilots in the following EU Member and Associated States:***

- Italy 
- Romania 
- Greece 
- Finland 
- Sweden 
- Czech Republic 
- Germany 
- Netherlands 
- Croatia 



***HeERO main target is the multi-country pilot, involving all nine countries and addressing the interoperability of the service across Europe. It also includes an international pilot involving three countries with Russia ERA GLONASS system.*** 

ICT PSP CIP Pilot A

Project Coordinator: ERTICO

Project duration: 1 January 2011 – 31 December 2013

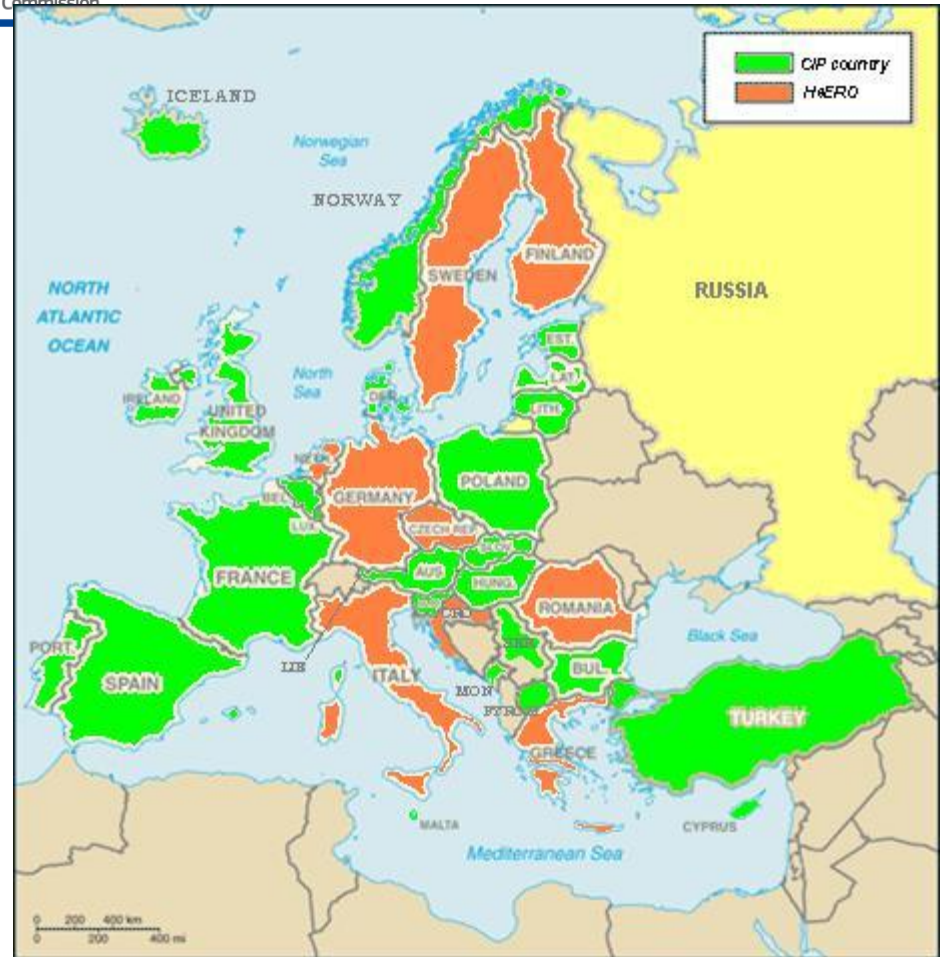
Consortium: 40 partners + 9 EU Member and Associated States

EC contribution: 5.000.000 euro. <http://www.heero-pilot.eu/>

**HeERO**  
112 eCall  
Harmonised eCall European Pilot



European  
Commission



### Objective 4.3. Conditions and characteristics

- The pilot should include at least 5 additional relevant administrations from MS or AC not yet in HeERO
- The additional administrations are to be already upgrading - or in the planning phase for upgrading - their infrastructure to support the EU-wide eCall service



# Objective 4.3

## Conditions and characteristics (2)

It should address:

- *The use of the existing outcomes of the HeERO pilot, in particular the guidelines and procedures*
- *The assessment and testing of the relevant pan-European eCall standards to make the service seamlessly interoperable EU-wide, including certification*
- *PSAPs upgrade to receive and process eCall information based on the specifications to be adopted under the ITS Directive.*

### Technical

- In-band modem Server to receive the voice and data
- MSD decoder
- GIS

### Operational

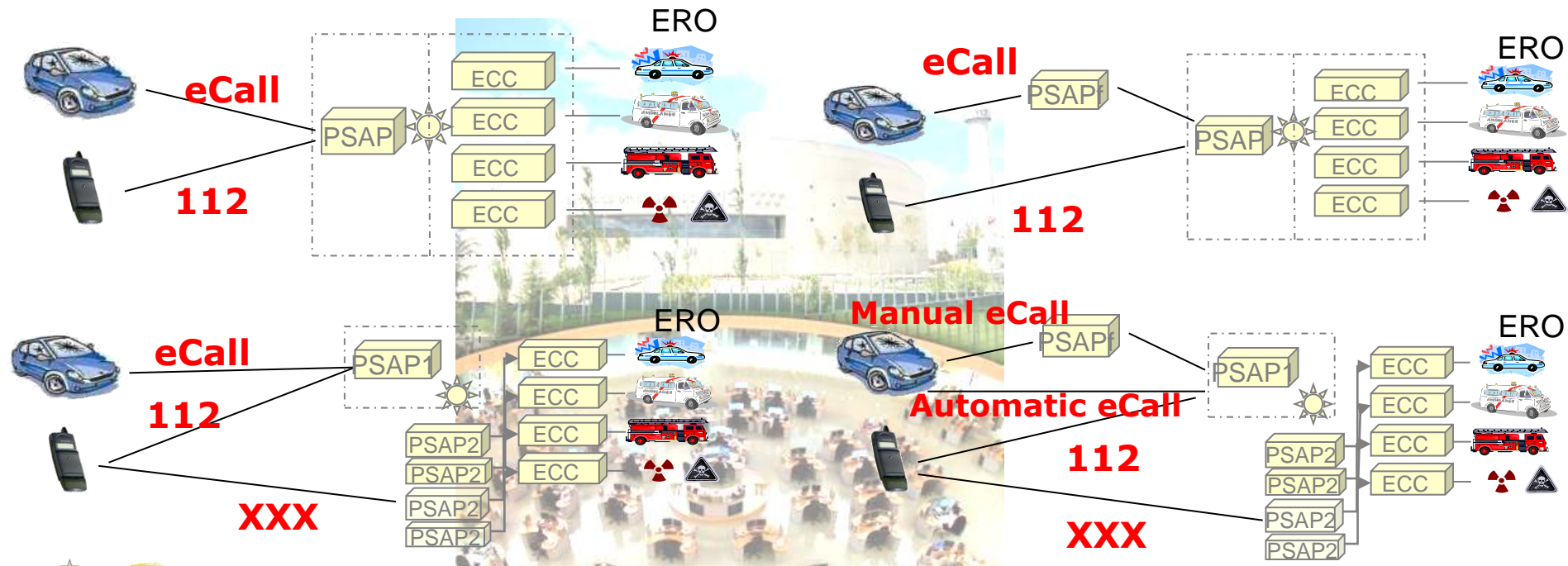
- Procedures to handle the eCalls
- Linguistic issues
- Cross-border cooperation
- Training
- ...



# Objective 4.3

## Conditions and characteristics (3)

*Upgrade of the mobile phone operators networks with the eCall flag to route the eCall to the most appropriate local emergency response centre (PSAPs) as defined by the public authorities*



## Objective 4.3

### Conditions and characteristics (4)

*There should be a commitment to plan for long term deployment and sustainability of the eCall service beyond the pilot phase.*

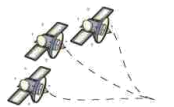
*The pilot should build on the work of the "European eCall Implementation Platform" and can address topics identified by the platform, e.g.:*

- **protocols for the handling of silent eCalls**
- **transmission of the information from the PSAPs to the Traffic Management Centres**
- **integration of other services within the eCall platform**
- **Aftermarket, P2W, HDV**

*Proposals should include specific and realistic quantified indicators to monitor progress at different stages in the project life.*



# Objective 4.3.: Common European standards



Car in incident

ETSI TS 122 101 ✓  
-Voice + MSD on 112  
Voice (112)

EN 15722 ✓  
MSD



ETSI TS 124 008  
Table 10.5.135d ✓  
eCall Flag

In-band modem trx ✓



1st Level PSAP

ETSI TS 126 267

“eCall Data Transfer - General Description” ✓

ETSI TS 126 268

“eCall Data Transfer. ANSI-C Reference Code” ✓

ETSI TS 126 269

“eCall Data Transfer. Conformance testing” ✓

ETSI TS & TR 126 969

“eCall Data Transfer. Characterisation Report” ✓

eCall NAD conformance specs:

ETSI TS 102 936-1 ✓

Protocol test specification

ETSI TS 102 936-2 ✓

Test Suites

ETSI-MSG & 3GPP. Chair: E. Barck

CEN TC 278 WG 15. Chair Bob Williams

Data registry procedures  
- ISO/EN 24978:2009 ✓



## Funding instruments

Extension of Pilot Type A

3 M€ of EU contribution

Accelerating the deployment of the pan-European eCall service,

## Expected impact

Having an EU-wide interoperable eCall service deployed in Member States within the targeted roadmap (end 2014);

Reinforcing consensus and partnerships among the stakeholders to support the fast roll-out of these priority services across Europe



**Thank you for your attention!**

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**More information:**

[http://ec.europa.eu/information\\_society/activities/esafety/](http://ec.europa.eu/information_society/activities/esafety/)

<http://www.heero-pilot.eu/>

<http://icarsupport.org/eCall>