

SECTOR

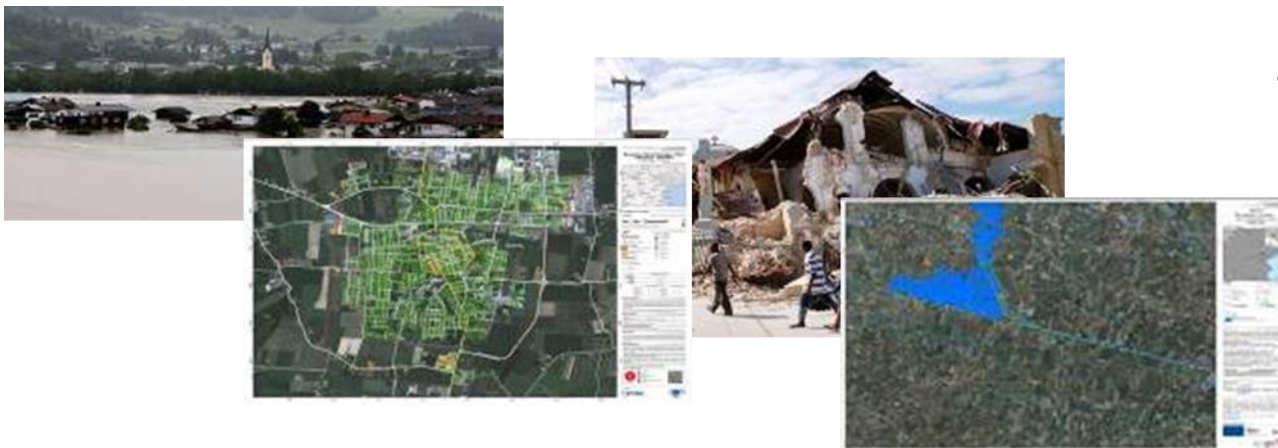
Secure European Common Information Space for the
Interoperability of First Responders and Police Authorities

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e-GEOS
PSC Europe Forum Conference

Graz, 27th May 2015



- Start date: July 1st, 2014
- Project Duration: 36 months
- Consortium: 16 partners from 10 countries
- Total Cost: 4,4 MEuro
- EC contribution: 3,1 MEuro



FP7 Call ref : SEC.2013.5.1-1 Analysis and identification of security systems and data set used by first responders and police authorities

- e-GEOS (Project Coordinator)
- Selex ES
- Universidad Politecnica de Valencia
- ASELSAN Elektronik Sanayi ve Ticaret A.Ş.
- FOI Swedish Defence Research Agency
- ITTI Sp. z o.o.
- Consorzio Interuniversitario Nazionale per l'Informatica
- Saadian Technologies Limited
- UNIVERSITAET STUTT GART
- THALES Research and Technology
- International Centre for Ethics in the Sciences and Humanities
- Police Service of Northern Ireland
- Institute of Security and Public Order - Police Academy in Szczytno
- Inter Agency Emergency Management Office
- Szkoła Główna Służby Pożarniczej
- Stichting Studio Veiligheid

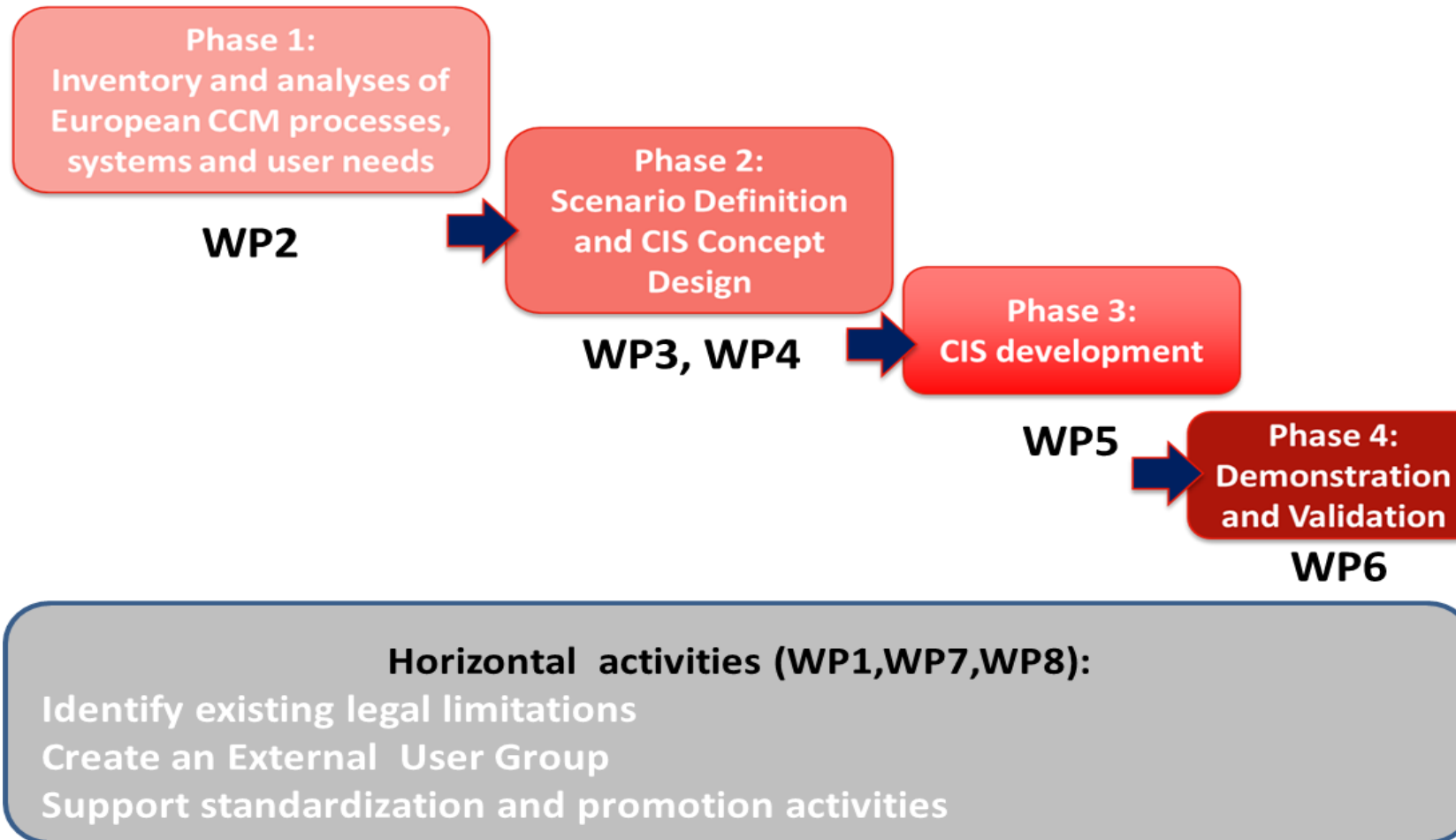


This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 607821.

1. Supporting CCM Processing, helping different first responders organizations and police authorities to **share information and resources**.
2. Respecting the **autonomy of the organizations**, operational procedures and legal requirements.
3. Developing a flexible CIS interoperable infrastructure, for **accessing integrated and up to date information**.

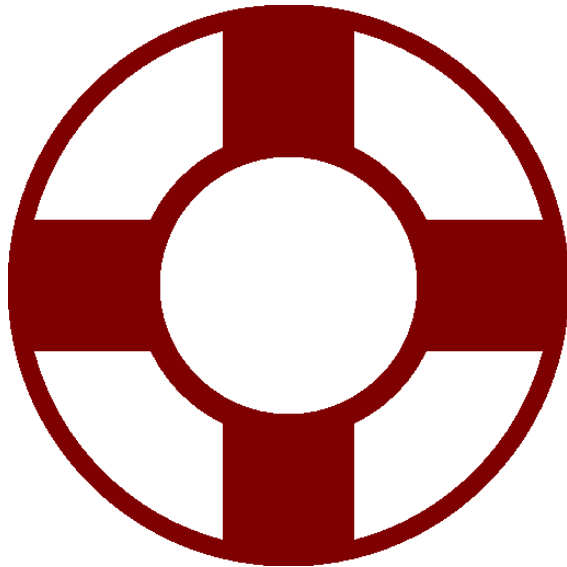


Overall Strategy



Lessons learned

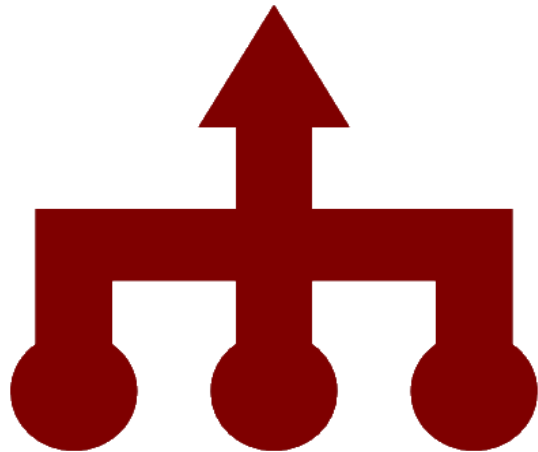
SECTOR is about **learning from past events** to be better prepared for future crisis situations:



- Past EU crisis events collection
- Set of complementary analyses have been provided on past events and the state of the art on information sharing platforms and procedures, IT tools and standards, organizational structures
- Results will be used to design of a **higher level European “CCM Meta-Model”**.

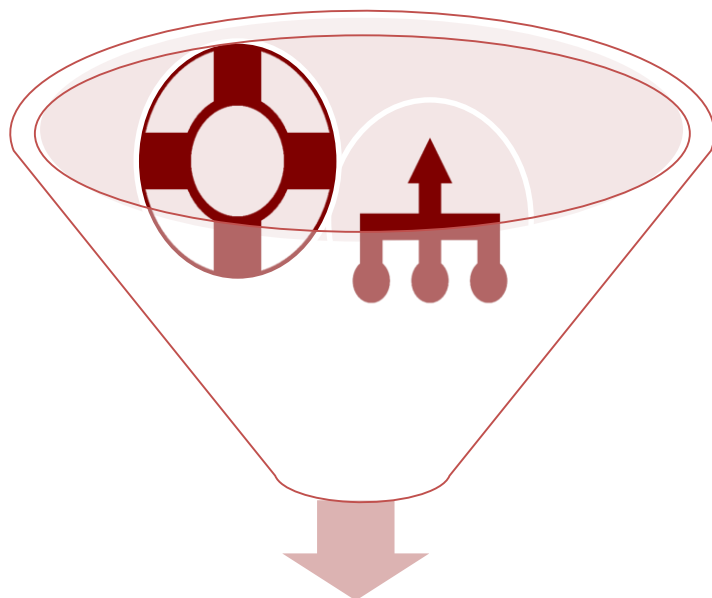


End User Requirements



- Multi-organization Collaboration
- Timeliness
- Data Security
- Data Visualization
- Common Taxonomy
- Decision Support functionalities

Common Information Space concept definition and design



CIS Definition & Design

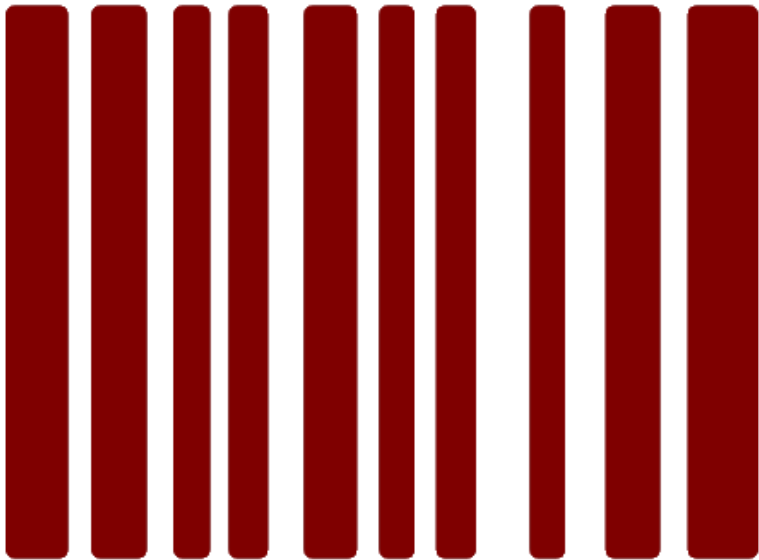
Common Taxonomy Identification
European CCM Meta-Model Definition & Design
Collaborative Process Definition & Design
CIS Architecture Design
Network communication systems Design
HMI Design
Security & Data Protection

The information collected and analyzed in

- **WP2 (gathering and analyzing information)**
- **WP3 (scenario definition and requirement identification)**

will be fundamentals for design and conceptualization of the CIS concept.

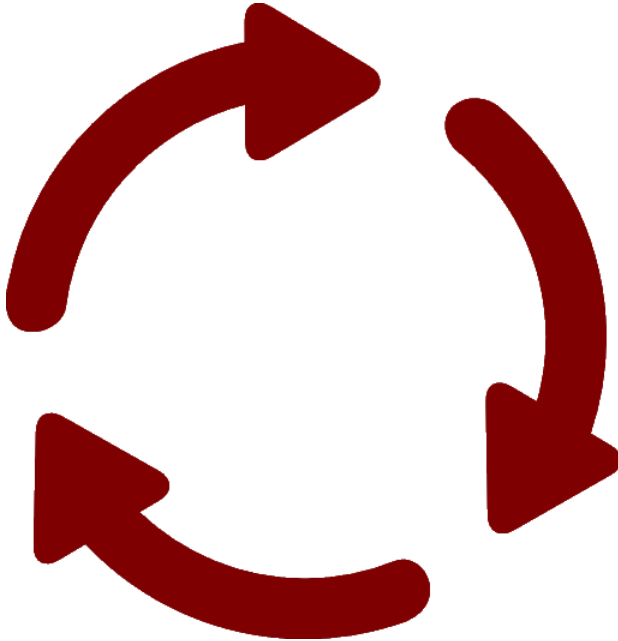




- The SECTOR CIS concept takes into consideration elements of Computer Supported Collaborative Work between Agencies and Process Aware Information Systems (collaborative crisis management)
- Integrating international information services, and existing systems
- CIS will be flexible and will provide available “peer-to-peer” information sharing concepts
- Main goal will be enabling agencies for faster and more effective communication, information resources and services sharing in response actions



SECTOR SCENARIO

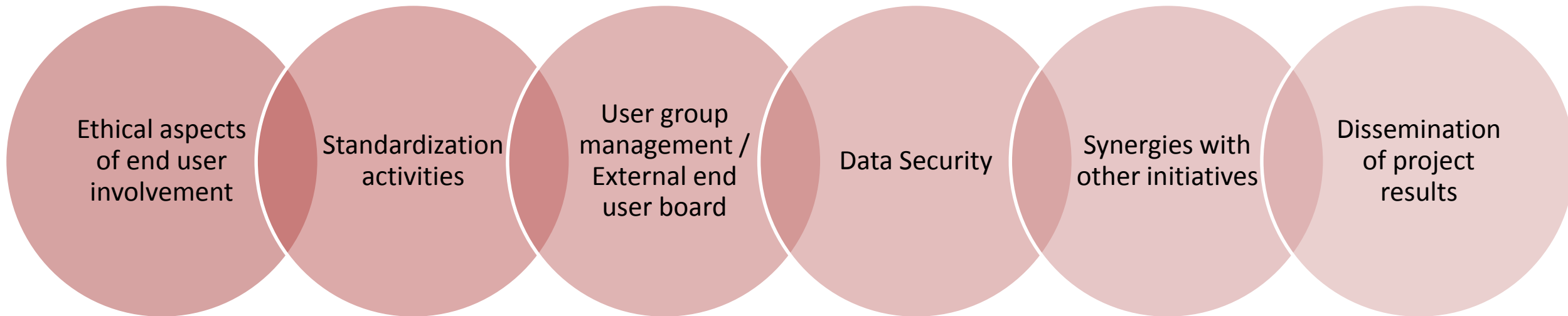


Flood Scenario (national and international dimensions) that emphasise the need for a common operational picture , exchange of status information and collective discussion of joint operations:

- Monitoring and exchanging information on infrastructure status;
- Monitoring river and river traffic status;
- Planning for re-routing
- Identifying risks / cascade effects
- Planning joint response to imminent danger

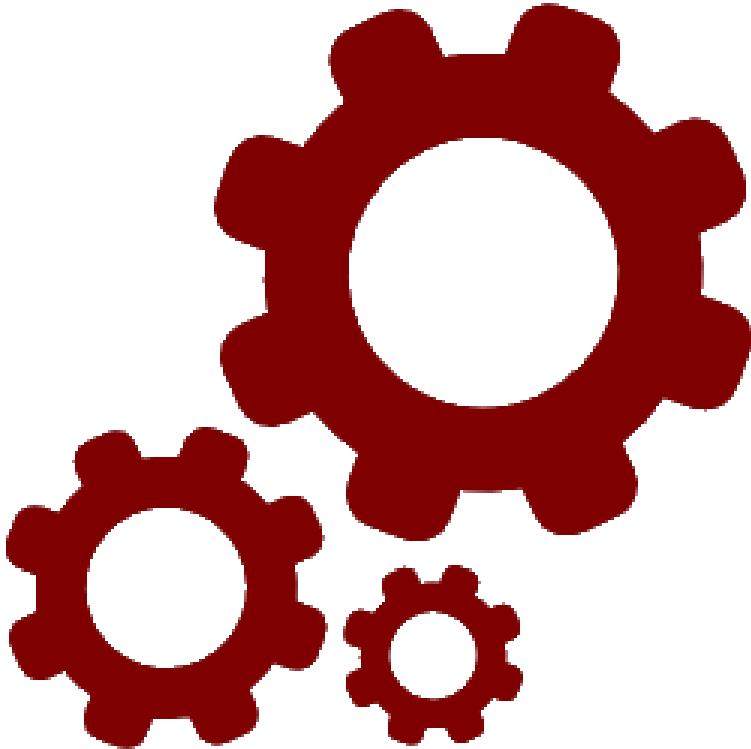


SECTOR Project Horizontal activities



Synergies

- FP7 Security DESTRIERO
- FP7 Projects under topic SEC-2013.5.1
 - REDIRNET
 - EPISECC
 - SECINCORE
- Other FP7 Security Projects (Fortress/CRISP)



DESTRIERO

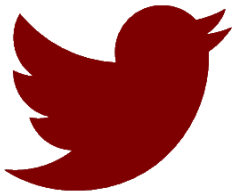
- FP7 SEC-2012.4.3-1 “Next generation damage and post-crisis needs assessment tool for reconstruction and recovery planning - Capability Project”
- A DEcision Support Tool for Reconstruction and recovery and for the IntEroperability of international Relief units in case Of complex crises situations, including CBRN contamination risks
- 01/09/2013 – 31/08/2016



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Thanks for your attention!

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