DICOMA

DIsaster COntrol MAnagement

PROJECT SUMMARY

The goal of the DiCoMa project is to ensure effective management of large disasters and complex emergencies by providing a set of tools that aim to improve the effectiveness of decision makers in dealing with disasters by better training and in situ support in the field.
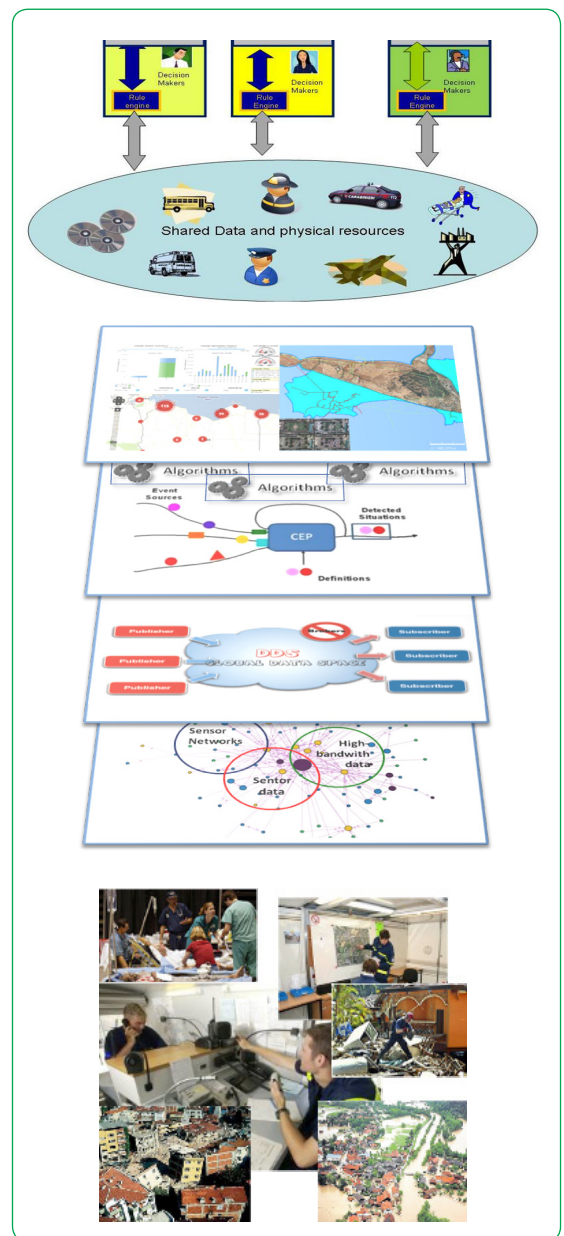
OBJECTIVES

- Data Abstraction tools – A Comprehensive set of tools designed to process and correlate information which can be easily explored and understood by decision makers.

- Simulation and Modelling Tools – Suite of simulation tools that model both human behaviour and natural phenomena.

- Decision Support and Training tools – Tools that provide easily and quickly understood information to the decision maker and propose alternative actions.

UNIQUE SELLING POINTS / BUSINESS VALUE

- Decision support: event and human behaviour modelling, sharing physical resources and information across national and language borders.

- Control & Decision Support Systems: rule based knowledge discovery, GIS platform, data mining, advanced HCI.

- Real Time Data Processing: inter-agency Data and resource sharing, CEP, Event prediction and Modelling.

(EXPECTED) RESULTS

- Decision Support system that it is based upon Simulation and Modelling Tools.

- System that will allow decision makers to predict the effects of given decisions in order to select the best one.

- Data abstraction: an open, interface platform that will find, specify and implement an integrated data and service platform for crisis management.
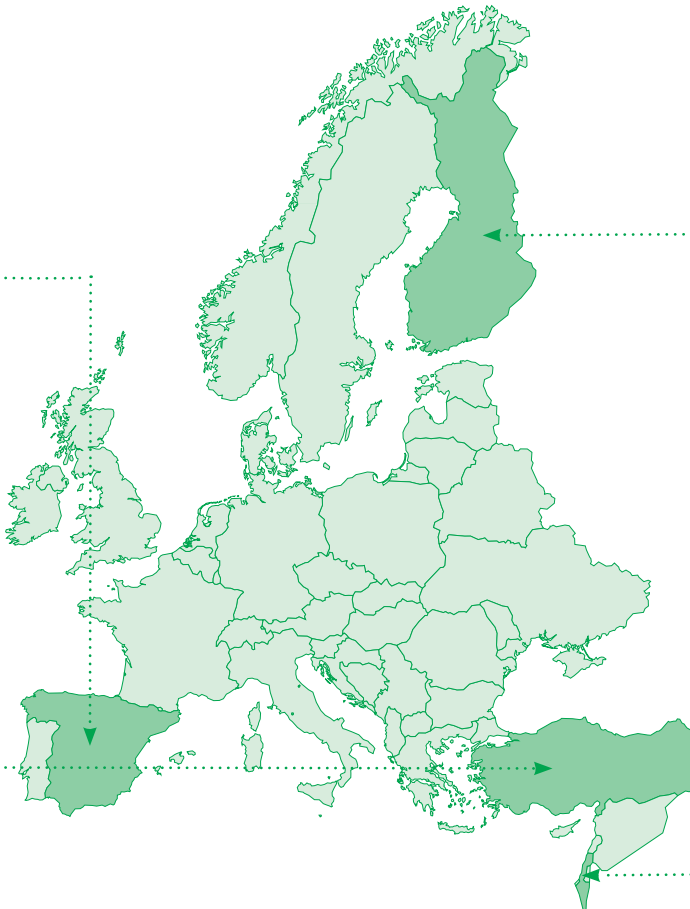
CONTACT
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EUREKA

DiCoMa

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PROJECT CONSORTIUM

Spain

- indra
- CVC^R — Centre de Visió per Computador
- NSWARE
- Deusto tech — Tecnológico Fundación Deusto / Teknologikoa Deustu Fundazioa / Deusto Technology Foundation
- UPC
- UNIVERSIDAD DE SEVILLA
- Universitat de Girona

Turkey

- MANTiS
- netcad

Finland

- VTT
- FINNISH METEOROLOGICAL INSTITUTE
- SAVÖX
- MATTERSOFT — Information Matters
- MOBISOFT
- InfoTripla
- OULUN SEUDUN AMMATTIKORKEAKOULU

Israel

- ATHENA GS3 — Security Implementations Ltd.

PROJECT START
December 2011

PROJECT END
June 2014

WORK PACKAGES OVERVIEW

WP7: Management

WP1: User Centred Design

WP2: User Interface Techniques

WP3: Disaster Support Management and Training

WP4: Data and Services Integration Platform

WP6: Process Interoperability & Standardization

WP5: Architecture Communications and Validation

WP8: Dissemination & Exploitation
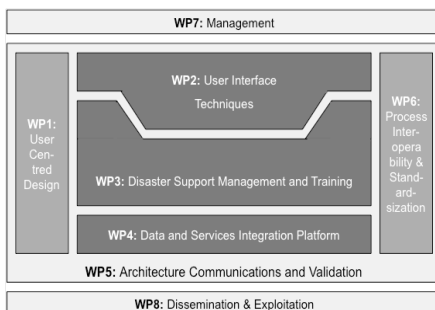
DICOMA PARTNERS

- Large companies (2)
- Small companies (7)
- Universities (3)
- Research Institutes (5)

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