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Modelling crisis management for improved action and preparedness

Fact Sheet

Project Information

CRISMA

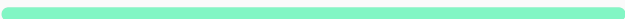
Grant agreement ID: 284552

[Project website](#) 

Project closed

Start date
1 March 2012

End date
31 August 2015



Funded under
Specific Programme "Cooperation": Security

Total cost
€ 14 421 021,20

EU contribution
€ 10 107 160,00

Coordinated by
TEKNOLOGIAN
TUTKIMUSKESKUS VTT OY
 Finland

Objective

The CRISMA project shall develop a simulation-based decision support system (Integrated Crisis Management System - ICMS), for modelling crisis management, improved action and preparedness. The ICMS shall facilitate simulation and modelling of realistic crisis scenarios, possible response actions, and the impacts of crisis depending on both the external factors driving the crisis development and the various actions of the crisis management team.

A common set of criteria and performance indicators for crisis management

simulation and optimisation provided by CRISMA modelling system shall enable decision makers and crisis managers to: (1) model possible multi-sectoral crisis scenarios and assess the consequences of an incident, (2) simulate possible impacts resulting from alternative actions, (3) support strategic decisions on capabilities, related investments, reserves, inventories (3) optimise the deployment of resources dedicated to crisis response in-line with the evolvement of a crisis, and (4) to improve action plans for preparedness and response phases of the crisis management.

Long term sustainability and uptake of the CRISMA results shall be assured through recommendations from decision makers and external high-level experts in the CRISMA advisory board, compatibility with ongoing developments in environmental usage area, and design for extensibility through new models, criteria and performance indicators.

Key CRISMA value proposition is the higher security of the European citizens, through improved understanding of the crisis evolvement and the impact of various decisions and actions at disposal of the crisis management on that evolvement, as well as through provision of the IT-support for decision making and auditing of the decisions made during both real and simulated crisis events.

Fields of science (EuroSciVoc)

[social sciences](#) > [sociology](#) > [governance](#) > [crisis management](#)

[natural sciences](#) > [computer and information sciences](#) > [software](#) > [software applications](#) > [simulation software](#)



Programme(s)

[FP7-SECURITY - Specific Programme "Cooperation": Security](#)

Topic(s)

[SEC-2011.4.1-1 - Crisis management modelling tool - Integration Project](#)

Call for proposal

FP7-SEC-2011-1

[See other projects for this call](#)

Funding Scheme

[CP-IP - Large-scale integrating project](#)

Coordinator



TEKNOLOGIAN TUTKIMUSKESKUS VTT OY

EU contribution

No data

Total cost

No data

Address

TEKNIIKANTIE 21

02150 Espoo

Finland

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Research Organisations

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Participants (17)



TEKNOLOGIAN TUTKIMUSKESKUS VTT

Finland

EU contribution

€ 1 997 695,90

Address

TEKNIIKANTIE 4 A

02044 VTT ESPOO

Activity type

Research Organisations

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV

Germany

EU contribution

€ 745 484,50

Address

HANSASTRASSE 27C

80686 Munchen

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type

Research Organisations

- Links
- [Contact the organisation](#)
 - [Website](#)
 - [Participation in EU R&I programmes](#)
 - [HORIZON collaboration network](#)

Total cost

No data



AMRA - ANALISI E MONITORAGGIO DEL RISCHIO AMBIENTALE SCARL

Italy

EU contribution

€ 695 700,00

Address

VIA NUOVA AGNANO 11

80125 NAPOLI

Region

Activity type

Research Organisations

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH

Austria

EU contribution

€ 1 183 923,25

Address

GIEFINGGASSE 4
1210 Wien

Region

Ostösterreich > Wien > Wien

Activity type

Research Organisations

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



ASSOCIACAO PARA O DESENVOLVIMENTO DA AERODINAMICA INDUSTRIAL

Portugal

EU contribution

€ 311 859,60

Address

RUA PEDRO HISPANO 12
3030-289 Coimbra 

Activity type

Research Organisations

Links

- [Contact the organisation](#) 
- [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



TALLINNA TEHNIKAÜLIKOOL

 Estonia

EU contribution

€ 470 900,00

Address

EHITAJATE TEE 5
12616 Tallinn 

Region

Eesti > Eesti > Põhja-Eesti

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#) 
- [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



NICE SYSTEMS LTD

 Israel

EU contribution

€ 401 248,50

Address

HAPNINA 8
43107 RA ANANA 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



AIRBUS DEFENCE AND SPACE GMBH

 Germany

EU contribution

€ 484 157,50

Address

WILLY-MESSERSCHMITT-STRASSE 1
82024 Taufkirchen 

Region

Bayern > Oberbayern > München, Landkreis

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



INSTA ADVANCE OY

 Finland

EU contribution

€ 289 405,00

Address

SARANKULMANKATU 20
33901 TAMPERE 

Region
Manner-Suomi > Länsi-Suomi > Pirkanmaa

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



SPACEBEL SA

 Belgium
EU contribution
€ 528 759,00

Address
RUE DES CHASSEURS ARDENNAIS 6
4031 Liege Angleur 

Region
Région wallonne > Prov. Liège > Arr. Liège

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
[Contact the organisation](#)  [Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



CISMET GMBH

 Germany
EU contribution

€ 1 047 800,50

Address

IM KLEEGARTEN 6
66636 THOLEY 

Region

Saarland > Saarland > St. Wendel

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



PELASTUSOPISTO

 Finland

EU contribution

€ 430 020,00

Address

Hulkontie 83
70821 Kuopio 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



MAGEN DAVID ADOM IN ISRAEL

 Israel

EU contribution

€ 237 480,00

Address

5 HAPLADA STREET

6021805 OR YEHUDA 

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



PUBLIC SAFETY COMMUNICATION EUROPE FORUM AISBL

 Belgium

EU contribution

€ 260 880,00

Address

RUE DES DEUX EGLISES 39

1000 Bruxelles / Brussel 

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



ILMATIETEEN LAITOS

 Finland

EU contribution

€ 346 565,25

Address

Erik Palmenin aukio 1
00560 Helsinki 

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



DEUTSCHES ROTES KREUZ EV

 Germany

EU contribution

€ 145 500,00

Address

CARSTENNSTRASSE 58
12205 BERLIN 

Region

Berlin > Berlin > Berlin

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



ARTELIA EAU ET ENVIRONNEMENT SAS

 France

EU contribution

€ 529 781,00

Address

RUE DE LORRAINE 6

38130 ECHIROLLES 

Region

Auvergne-Rhône-Alpes > Rhône-Alpes > Isère

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

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Permalink: <https://cordis.europa.eu/project/id/284552>

European Union, 2025