BRIDGE: Bridging resources and agencies in large-scale emergency management

Fact Sheet

Project Information

BRIDGE
Grant agreement ID: 261817

Project website

Status
Closed project

Start date 1 April 2011
End date 30 June 2015

Funded under
FP7-SECURITY

Overall budget € 18 355 598,66

EU contribution € 12 983 143,75

Coordinated by
STIFTELEN SINTEF
Norway

Objective

The goal of BRIDGE is to increase safety of citizens by developing technical and organisational solutions that significantly improve crisis and emergency management. The key to this is to ensure interoperability, harmonization and cooperation among stakeholders on the technical and organisational level.

Therefor BRIDGE delivers:
- Resilient ad-hoc network infrastructures, focussing on the requirements evolving from emergency scenarios
- Generic, extensible middleware to support integration of data sources, networks, and systems
- Context management system to foster interoperability of data, providing meaningful, reliable information
Technical interoperability is crucial for improving multi-agency collaboration and continuous training, but its full potential can only unfold, if technology can be integrated and sustained into agency workflows and communication processes. On the level of organisational harmonisation, BRIDGE will provide:
- Methods and tools that support run-time intra- and inter-agency collaboration
- Model-based automated support system combined with scenario-based training
- Agent-based dynamic workflow composition and communication support system

Making available an increasing amount of data for crisis response systems has to be accompanied with developing intelligent human-computer interaction models to make these data usable. BRIDGE will contribute to this by developing:
- Adaptive, multi-modal user interfaces
- Novel stationary and mobile interaction techniques
- Approaches on how to raise awareness through visualization of ad-hoc networks

BRIDGE is committed to an iterative user-centred approach incorporating and validating user and domain requirements.

The consortium consists of a well-balanced mix of cross-disciplinary academics, technology developers, domain experts and end-user representatives. Furthermore, the establishment of a User Advisory Board will guarantee active end-user involvement during the whole project.

Programme(s)

Topic(s)

Call for proposal

FP7-SEC-2010-1

Funding Scheme

CP - Collaborative project (generic)

Coordinator

STIFTELSSEN SINTEF

Address
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Activity type
Research Organisations

EU contribution
€ 3 157 677
Participants (14)

ALMENDE BV
Netherlands
EU contribution
€ 815 300
Address
Stationsplein 45 Unit A1.205-207
3013 AK Rotterdam
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

CNET SVENSKA AB
Sweden
EU contribution
€ 812 615.25
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Svardvagen 3A
182 33 Danderyd
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Germany
EU contribution
€ 1 582 336
Address
Activity type
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<tr>
<td>Sabine Mayer (Ms.)</td>
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THALES NEDERLAND BV
Netherlands
EU contribution
€ 566 653,50
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Zuidelijke Havenweg 40
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Activity type
Private for-profit entities
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Switzerland
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€ 1 126 300

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

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Contact the organisation

Administrative Contact
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TECHNISCHE UNIVERSITEIT DELFT
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EU contribution
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Activity type
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Website
Contact the organisation

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STOCKHOLMS UNIVERSITET
Sweden
EU contribution
€ 408 000

Address
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10691 Stockholm

Activity type
Higher or Secondary Education Establishments

Website
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Administrative Contact
Peter Wahlgren (Prof.)

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HELSE STAVANGER HF
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EU contribution

€ 612 466

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Activity type

Other

Contact the organisation

Administrative Contact

Terje Olav Oen (Mr.)

SAAB AKTIEBOLAG

Sweden

EU contribution

€ 192 301

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Activity type

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Andreas Carlsson (Mr.)

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