PREDICT

PREparing for the Domino effect in Crisis siTuations.

ABOUT THE PREDICT PROJECT

PREDICT provides a comprehensive solution for dealing with cascading effects in multi-sectorial crisis situations covering aspects of critical infrastructures. The PREDICT solution will be composed of the following three pillars: methodologies, models and software tools. Their integrated use will increase the awareness and understanding of cascading effects by crisis response organisations, enhance their preparedness and improve their response capability to respond in case of cascading failures.

The PREDICT project consortium consists of research centers (CEA, Fraunhofer, TNO, VTT), SMEs (CEIS, ITTI), big companies (Thales and Thales Netherlands) as well as three end-users (VRZHZ, SYKE and UIC).

AT A GLANCE

Grand Agreement: n° FP7-SEC-2013-607697

Starting Date: 01 April 2014

Duration: 36 months

Total Cost: 4,635,020.99€

EU Contribution: 3,460,192.99€

Website: www.predict-project.eu

The high-quality of the developed solutions is assured by the strong involvement of end-users in the project. End-users will intervene at three levels: as partners of the consortium (there are three end-users in the consortium), members of the Advisory Board, and representatives from relevant organisations across Europe invited to regular workshops.

Project Objectives

1. Gather and analyse available domain knowledge
2. Develop a common framework
3. Create conceptual and executable models of cascading effects and interdependencies
4. Develop a suite of software tools
5. Validate the solution through running simulations in the framework of three test cases
6. Disseminate project results and build appropriate liaisons among stakeholders

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PREDICT PARTNERS

1	Commissariat à l'Energie Atomique (Coordinator)	CEA	France
2	ITTI SP. Z o.o.	ITTI	Poland
3	Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e. V.	Fraunhofer	Germany
4	THALES SA	Thales	France
5	Compagnie Européenne d'Intelligence Stratégique	CEIS	Belgium
6	Netherlands Organisation for Applied Scientific Research TNO	TNO	The Netherlands
7	Technical Research Centre of Finland	VTT	Finland
8	Safety Region South-Holland South	VRZHZ	The Netherlands
9	Finnish Environment Institute	SYKE	Finland
10	Union Internationale des Chemins de Fers	UIC	France
11	Thales Netherlands	TRT-NL	The Netherlands

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