



PREparing for the Domino effect in Crisis situations.

PREPARING FOR THE DOMINO EFFECT IN CRISIS SITUATIONS

**PREDICT
ADVISORY BOARD**

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1. Dissemination level		
PU	Public	
PP	Restricted to other programme participants (including the Commission Services)	✓
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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I. Executive summary

The key objective is to ensure that the PREDICT project team benefits from the expertise and experience of the Advisory Board members. The Advisory Board is made of experts with considerable experience in the Framework Programme 7 Security Research projects and crisis management thus will advise the PREDICT Team on the technical, strategic, management and communication levels and beyond when required according to their expertise.

■ Introduction

PREDICT is a EU FP7 co-funded project – resulting from the Security Research Call 6 of the 7th Framework Programme, specifically from activity 4.1-2 “*Better understanding of the cascading effect in crisis situations in order to improve future response and preparedness and contribute to lower damages and other unfortunate consequences*”.

The objective of PREDICT is to provide 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 organizations, enhance their preparedness and improve their response capability to respond in case of cascading failures.

In order to focus research and development on the needs and requirements of professional analysts, their involvement will be facilitated through the organisation of five workshops throughout the duration of the project. These workshops are dedicated to ensuring that the project’s research meets the end-users needs and requirements and that the project consortium receives feedback on their results and outcomes.

The project will fully comply with legal considerations and enforce the principles of privacy and data protection to safeguard the rights of the citizens of the European Union.

The PREDICT consortium will be supported by an Advisory Board made of experts coming from a wide range of organizations such as SMEs, Institutions and EU Associations.

■ Purpose and Scope

This document describes:

- **The management of the Advisory Board**
- **The role of the Advisory Board**
- **The list of the Advisory Board members**

II. General Presentation of the Advisory Board (AB)

■ Introduction

The PREDICT Advisory Board plays a major role in providing advices to the team and act as facilitator for the entire duration of the project. The Advisory Board is made of experts from SMEs, Institutions and EU Associations and their selection has been made by CEA in agreement with the PREDICT consortium. All PREDICT Advisory Board experts have considerable experience in Security Research projects under the Framework Programme 7 – ESRP European Security Research Programme (2007-2013) and even before starting from the PASR – Preparatory Action for Security Research (2004-2006). The long and successful track record of the experts is a key to success and will be

complementary to PREDICT in house expertise. The Management and the role of the PREDICT Advisory Board is further detailed in this document.

■ Management

The management of the **Advisory Board (AB)** is performed by CEA involving the following:

- The identification of potential members
 - 5 key experts have been selected (biography and profiles are detailed in section V).
- Coordination with PREDICT consortium to identify optimal Advisory Board participation
 - The Advisory Board is managed by CEA in agreement with PREDICT consortium.
- Keep members informed to the on-going work of the project (via report, conference calls)
 - CEA envisage one meeting per year with the Advisory Board and regular phone calls, conference calls with the experts to keep them informed about the progress of the PREDICT project.
- Preparation of Meetings
 - Meetings to be held in the most convenient place to optimize the participation of the PREDICT Advisory Board will be organized by CEA. The meetings will most likely be organized in parallel of conferences related to critical infrastructure protection such as CP EXPO 2014 & 2015 <http://www.centrocongressigenova.it/cp-expo-2014>

- Preparation of all meeting documents (agenda, minutes, etc.)
 - All meeting documents (agenda and minutes) will be performed by CEA and will be stored on the extranet in a secure area of the PREDICT website.

The **Advisory Board** of external stakeholders has been established to:

- Reflect on project findings and results from a technical and end user point of view
 - The President of the PREDICT Advisory Board Ms. Muriel Schimmer (Joint Research Center) will coordinate the Board in close cooperation with CEA and will provide technical expertise as well as communicate with the project coordinator from an end-users point of view.
- Periodically advise the Project Team in refining activities based on project findings and results
 - The Project Management Team composed of CEA will be regularly and periodically advised by the PREDICT Advisory Board
- Forward project findings and results to relevant stakeholders
 - In close cooperation with the dissemination board and the security advisory group, the PREDICT Advisory Board will inform relevant external stakeholders about PREDICT project and its results.
- Ensure communication and co-ordination with other on-going projects and initiatives.
 - There are similar initiatives to the PREDICT project (cf. FP7 FORTRESS) and a first workshop was organized in Brussels under the REA (Research Executive Agency) on the 25th of June 2014 to strengthen synergies between these research projects. The PREDICT Advisory Board is composed of experts being members of other advisory board from other research projects, this will build the bridge to research projects and will lay foundations for future research projects.

■ Gender Aspects

The first action, the PREDICT Consortium has undertaken, is to give the presidency of the **Advisory Board (AB)** to Ms. Murielle SCHIMMER – JRC (Joint Research Center).

III. Specific Activities

■ Risk Mitigation

Several risks in the PREDICT project implementation have been identified by the consortium and as such a dedicated Risk and Mitigation Contingency Plan has been established where the Advisory Board plays an important role. The project is ambitious and contains a certain technical complexity. However, the technical complexity of providing coherent guidelines and a framework is not underestimated, and when necessary, support from the **Advisory Board** will be provided.

■ Decision-Process

Decisions on management issues and issues of strategic nature, including technical directions, exploitation, financial, planning, control and contractual matters will be made by the Steering Committee in consultation with the **Advisory Board**.

■ Risk Management

Risk assessment and risk management methods have been discussed for each work package during the project kick-off and the kick-off of the different work package meetings. The status of the risks identified will then be monitored during the technical and project meetings. Both the directly involved end-users UIC, VRZH and SYKE and the members of the **Advisory Board** serve as multipliers that can spread the results of PREDICT in their communities, thus enhancing PREDICT's impact in these communities.

■ Dissemination

The main objectives of our dissemination strategy are as follows:

- To disseminate the knowledge and expertise that will be generated over the course of the project to the European crisis-management community;
- To interact with End-users through and with the **Advisory Board** to ensure that the results produce maximal societal impact and visibility.
- To accommodate the different perspectives of End-users and other professionals working in the area of crisis-management ;
- To ensure that the results of the PREDICT project have maximum impact and receive maximum visibility.

■ Networking

Via this dissemination channel networking, a broad societal network will be developed to share and enhance the knowledge that is assembled within the PREDICT project. The PREDICT **Advisory Board**, made up of representatives of end-user communities (JRC, EU Vri and its members such as operators, EOS and its members, and the two representatives from SMEs former members of Ministry of Interior (Italy) and General Secretariat for National Defence and Security – Prime Minister Cabinet

(France), will also be asked to indicate if they have any specific needs and to participate in developing tailored events that can help meet these needs.

■ Exploitation

One of the methods to gather such information is to run a study at the first stages of the project based on a questionnaire sent to all PREDICT partners to identify in more details the key elements of the PREDICT exploitation strategy. This questionnaire has been filed by all partners as part of the updated dissemination plan deliverable. Moreover, the target groups identified in the project will serve as a basis to define the perimeter of the PREDICT offer. The close involvement of end-users throughout the project (within the consortium, through the **Advisory Board** and in the framework of workshops organized with external end-users) will also be crucial in identifying interest from stakeholders and potential business opportunities.

The Advisory Board will ensure that the project impact goes beyond its 36 months duration by taking actively part of the exploitation strategy and exploitation model.



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IV. Contact details

N*	Organisation	First/Last Name	Email	Phone
1	ZANASI	Alessandro ZANASI	alessandro.zanasi@zanasi-alessandro.eu	+39 349 4131718
2	ACCES2S	Alain COURSAGET	alain.coursaget@orange.fr	+33 6 80 11 83 03
3	JRC/IPSC	Murielle SCHIMMER	muriel.schimmer@jrc.ec.europa.eu	+39 0332 785295
4	EOS	Luigi REBUFFI	luigi.rebuffi@eos-eu.com	+32 2 777 0250
5	EU Vri	Olivier SALVI	salvi@eu-vri.eu	+33 6 23 390673

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V. Profile, Biography & Expertise

■ JRC/IPSC – Joint Research Center

Muriel SCHIMMER



Muriel Schimmer is a member of the “Italian Association of Critical Infrastructures Experts”. She works on critical infrastructure protection as a national seconded expert at the Joint Research Centre, Ispra (Italy) since 2009 and has been Luxembourg’s Deputy Point of Contact for critical infrastructure protection from 2004-2009. She is now working on the protection of space infrastructures. She is the author and co-author of several publications related to critical infrastructure protection and risk management: Inventory of space based assets to be classified as part of a critical infrastructure (classified); Risk assessment methodologies for critical infrastructure; ERN-CIP Analysis of Needs and Requirements from the Member States, Establishment of a voluntary EU reference network for critical infrastructure protection. She holds a Master of International relations of the University of Metz and a Master of Business and Administration from the Open University.

■ Z&P – ZANASI & PARTNERS**Alessandro ZANASI**

Alessandro Zanasi is a world leading authority in the areas of National Security and Intelligence technologies, with over 20 years of experience in the IT industry, areas into which he currently advises governments (among them the European Commission as ESRAB-European Security Research Advisory Board and ESRIF-European Security Research and Innovation Forum member) and int'l companies. He is a Professor at Bologna University, a frequent speaker, scientific committee member, chairman of international conferences. Prior to found his own company, Dr. Zanasi cofounded Temis SA and held various

consulting and market intelligence roles at IBM, including, for several years, IBM's Research Centres in Paris (France) and in San Jose (USA). In addition, he was Carabinieri officer, specializing in forensic sciences at Rome's Scientific Investigations Centre, and META Group analyst in BI and CRM areas. Mr. Zanasi graduated from Bologna University with a degree in Nuclear Engineering, from Modena University with a degree in Economics and specialized in Financial Engineering at Paris University. He is fluent in Italian, English, French, and Portuguese.

■ ACCESS2S

Alain COURSAGET

Alain COURSAGET, French citizen, has been President of ACCESS2S Risk Management consulting firm for the last 2 years. In this position, he managed major projects on risk and crisis management, including the writing of a guidance to business continuity plan that has been disseminated by the French Prime Minister Office, the elaboration for the EC of a roadmap for European Standardization concerning interoperability in Crisis Management, and the leadership of CoE EU projects 26 and 33 to strengthen the national legal framework for CBRN risk mitigation and to enhance CBRN preparedness and response capabilities in 10 African and Middle Eastern countries. During the prior 10 years, Alain Coursaget had been Deputy Director for the State Protection and Security, at the French Prime Minister's General Secretariat for Defense and National Security (SGDSN). In this position, he was in charge of Governmental inter-agency processes, regulation, plans and programs for risk mitigation and national security (prevention, protection measures, warning system, crisis management, mitigation and response procedures, national exercises and training). Alain COURSAGET was also in charge of the establishment of a new regulation for the protection of activities of vital importance, and was the French national contact point for the writing and the implementation of the EU directive for Critical Infrastructure Protection. Alain COURSAGET did set up a special group for inter-agency management of the national program for research and technologies for security applications, was the French national contact point for the ERN-CIP EU program, and headed international cooperation. He also designed and managed the inter-agency information and communication secure system that is particularly utilized during crisis situations. Prior to this activity, Alain COURSAGET was Managing Partner at KPMG Consulting Practice (for two years), Director of Information and Communication Systems for the French Ministry of Interior (for four years, when he specified, contracted and implemented the mobile radio system for emergency response teams, including police, and later, fire brigades and first medical responders), and Director of France Telecom key accounts based in Paris and in New York (for 22 years). Alain COURSAGET received Engineering degree from Polytechnique School in Paris, Masters Degrees from Ecole Nationale Supérieure des Télécommunications in Paris, and from the Sloan School at MIT (Boston, USA).

■ EOS – European Organisation for Security**Luigi REBUFFI**

Luigi REBUFFI graduated in Nuclear Engineering at the “Politecnico di Milano” (1984) before obtaining a PhD in Engineering at the Paris – Orsay University (1987) with the support of a fellowship of the European Commission. From 1988 to 1991 he was responsible in Garching (GE), within the frame of the EURATOM support to ITER and in the frame of the EC and IAEA, for the development of high power microwave systems for the next thermonuclear fusion reactor. From 1992 until end 1999 he worked for Thomson CSF as responsible for European Affairs (R&D) in different sectors (telecom, industrial, medical, scientific). From 2000 to end 2002 he was Head of Unit for sales of telecom products at Thales Microwave. From 2003 to 2007 he was the Thales Director for European Affairs for Division Services and Division Security. He was responsible for the development of business and research activities with European Institutions of these Thales Divisions. Since 2007 he is the Deputy Director for Security of ASD – Aerospace and Defence Industry Association of Europe developing at European level common sectoral positions on security issues. Since 2003 he is the initiator and since 2007, the CEO, of the European Organisation for Security (EOS), gathering the most important European private security stakeholders and public NGOs from supply and demand side to develop and implement consistent European security solutions and services in a comprehensive approach.

■ EU Vri – European Virtual Institute for Integrated Risk Management**Olivier SALVI**

Olivier Salvi graduated in 1994 as Engineer in Environment and Industrial Risk (Ecole des Mines d'Alès). Since 1995, he has been working at INERIS, the French National Institute in charge of industrial risk and environment protection in the field of Risk Assessment and Management. In relation with his mission at INERIS he has been elected Secretary General of ETPIS (European Technology Platform on Industrial Safety, www.industrialsafety-tp.org), and is leading a strategic initiative named SafeFuture - Safe innovation for competitive and sustainable Future. He has been

the President of the Society for Risk Analysis Europe (SRA Europe, www.sraeurope.org) from 2005 to 2007. He has been elected as Councilor of SRA (www.sra.org) from 2006 to 2009 and served as Chair of the Committee of the Regions aiming at promoting interaction between the various parts of the World represented in SRA. In 2006, he actively contributed to the creation of the European Virtual Institute for Integrated Risk Management EEIG (EU-Vri, www.eu-vri.eu) and is acting as General Manager, working on risk related projects in the field of nanotechnologies, new energies and methodologies for risk management. In June 2013, he became the President of INERIS DEVELOPPEMENT SAS, a holding company in charge of the international business development of INERIS.