





Science and Technology Options Assessment

Early Recognition, Monitoring and Integrated Management of Emerging, New Technology related Risks

STOA workshop

The European Emerging Risk Radar (E2R2): An Innovation and PPP Showcase

Short CV of Moderator

No.	Name and affiliation	Short CV (ca. 200 words)
1.	O. Renn, President of EU-VRi (European Virtual Institute for Integrated Risk Management), Director The Research Center for Interdisciplinary Risk and Innovation Studies (ZIRIUS), Member of the German Federal Government Ethics Committee on Energy Future	Ortwin RENN serves as full professor and Chair of Environmental Sociology and Technology Assessment at Stuttgart University (Germany). He directs the Stuttgart Research Center for Risk and Innovation (ZIRUS) at Stuttgart University and the non-profit company DIALOGIK, a research institute for the investigation of communication and participation processes in environmental policy making. Renn also serves as Adjunct Professor for "Integrated Risk Analysis" at Stavanger University (Norway) and as Affiliate Professor at Beijing Normal University. He is president of EU-VRi, the European Virtual Institute for Integrated Risk Management. Ortwin Renn has a doctoral degree in sociology and social psychology from the University of Cologne. His career included teaching and research positions at the Juelich Nuclear Research Center, Clark University (Worcester, USA), the Swiss Institute of Technology (Zuerich) and the Center of Technology Assessment (Stuttgart). His honours include an honorary doctorate from the Swiss Institute of Technology (ETH Zurich), an honorary affiliate professorship at the Technical University Munich and the "Distinguished Achievement Award" of the Society for Risk Analysis (SRA). Among his many political advisory activities the chairmanship of the "State Commission for Sustainable Development" (German State of Baden-Württemberg) and the participation in the "Federal Government's Ethics Committee on Germany's Energy Futures" are most prominent. Renn is primarily interested in risk governance, political participation and technology assessment. His has published more than 30 books and 250 articles, most prominently the monograph "Risk Governance" (Earthscan: London 2008).

Short CVs of Speakers

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1.	A. Alemanno, Jean Monnet Professor of EU Law and Risk Regulation at HEC Paris	Alberto ALEMANNO is Associate Professor of Law at HEC Paris, where he holds a Jean Monnet Chair in EU Law & Risk Regulation. He teaches EU law, International Economic Law, Global Antitrust and Risk Regulation.
		He is also Adjunct Professor of Law at <u>Georgetown University Law Center</u> , where he teaches <u>Global Risk Regulation</u> , and a qualified attorney at law in New York since 2004.
		Originally from Italy, Alemanno earned a Laurea in Giurisprudenza <i>cum laude</i> from the <u>Università degli Studi di Torino</u> , LLM degrees from <u>Harvard Law School</u> and the <u>College of Europe</u> , and a PhD in International Law & Economics from <u>Bocconi University</u> .
2.	I. Chatziprodromou, Senior Emerging Risk Manager at Swiss Re	Iordanis CHATZIPRODROMOU is a Senior Risk Manager at Swiss Re focusing mainly on the identification, analysis and quantification of emerging technological, financial and economic risks. Before joining Swiss Re, he worked in the finance industry predominantly

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		as a quantitative analyst with strong emphasis on sustainable finance. Iordanis received his Diploma (equivalent to honours) in Mechanical Engineering, in 1997, from Aristotle's University of Thessaloniki (AUTH), a MSc. (equivalent to summa cum laude) in Computational Dynamics, in 2001, from National Technical University of Athens (NTUA) and a PhD in Computational Bioengineering, in 2006, from Swiss Federal Institute of Technology (ETHZ). Following his doctorate studies he worked for a year as a Post-Doctoral assistant at the Institute for Swiss Banking, University of Zurich dealing with topics around financial engineering. Iordanis was raised in Thessaloniki, Greece and for the past 10 years is living in Zurich, Switzerland.
3.	A. Jovanovic, CEO of EU-VRi, Director of Steinbeis Advanced Risk Technologies (R- Tech) Group, Project Director ZIRIUS	Aleksandar JOVANOVIC (1953) is the CEO of European Virtual Institute for Integrated Risk Management (EU-VRi) as from 2006. He is also the director of the Steinbeis Advanced Risk Technologies group in Stuttgart, Germany providing consultancy in the areas of risk assessment and management for industry and public sector. As and the EU Project Director at ZIRUS (Center for Interdisciplinary Risk and Innovation Studies, University of Stuttgart), teaching the courses in the area of CSR (Corporate Social Responsibility) and Risk. He has acted as Seconded National Expert (Germany) with the EU in Brussels, Belgium. His teaching assignments were in France (Ecole Polytechnique), Japan (University of Tokyo), USA (La Jolla) and other countries. A. Jovanovic has over 50 large international/multinational projects, over 200 publications, 5 books, one patent application and has chaired several CWAs and one EN standard.
4.	PA. Schieb, Head of OECD Futures Projects, Directorate of Science, Technology and Industry	Pierre-Alain SCHIEB (a French national) is Counsellor in the Directorate of Science, Technology and Industry of the OECD, which manages the International Futures Programme, the OECD's strategic foresight unit. He is in charge of the International Futures Network, and is Head of OECD Futures Projects, such as the projects on Future Global Shocks, Infrastructure Needs to 2030/2050, The Family to 2030. Further to recommendations arising from a two year Futures Project, Dr. Schieb is also in charge of the OECD Forum on Space Economics. He is also the Chairman of the Technical Committee on Space Economy of the International Astronautical Federation. The aim of the Futures Programme is to help decision-makers in government and business identify and evaluate the strategic challenges of a rapidly changing world economy within a long-term perspective. Before joining the OECD in 1994, Dr. Schieb was formerly Executive Vice-President of International Business of one France's major retailing groups (1991-1994); Dean of a graduate school of business in France (1985-1991); and held an Associate-Professorship at the University of Paris, Dauphine. Co-founder of a high-tech start-up company in the early 1980s and involved in venture capital initiatives, Dr. Schieb was also a consultant to numerous French and US companies in the field of alliances, industrial cooperation, licensing, corporate and marketing strategies. He has also published many articles in the field of international management, risk management, marketing and corporate strategy. Dr. Schieb earned a PhD (Doctorat d'Etat) in management science from the University of Strasbourg (1981), a DBA in economics and business administration from the University of Aix-en-Provence (1974), and a MSc in quantitative marketing from the University of Sherbrooke (Canada). Dr. Schieb has received numerous distinctions such as: the Best Award in Economy (Aix-en-Provence, 1967), Best Dissertation Award (Quebec, Canada, 1974), Chevalier in the French Order of Palmes Académiques

Short CVs of Panelists

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1.	L. Bontoux, Policy Analyst, Joint Research Centre (JRC), European Commission (EC)	Laurent BONTOUX is food technology engineer and environmental engineer by training. He has been involved in environmental risk assessment of chemicals and in the assessment of health risks from environmental factors since 1990, first with industry and then at the European Commission. Before joining his current position at the JRC, he was the Management Officer for the European Scientific Committee for Emerging and Newly Identified Health Risks in DG SANCO.
2.	A. Brossier, Director General at European Solvents Industry Group (ESIG/Cefic)	After more than 25 years in different positions in several countries managing Chemical business <i>Antoine BROSSIER</i> joined Cefic in Summer 2011. He is since leading the Solvents Industry Groups with an average turnover of 5 billion € and more than 10.000 employees in Europe. Main activities include working together with European bodies and representing the Industry, bringing expertise about challenges of the industry, developing projects for an improved Air Quality or biochemistry and promoting a safe and sustainable use of Solvents in the workplace.
3.	C. Büscher,	Christian BÜSCHER
	Karlsruhe Inst. of Technology (KIT), Inst. for Technology Assessment (ITAS)	Academic training 2000 – 2002 Post-Graduate College "Technology and Society" TU Darmstadt, Germany (Dissertation 2003); 1996 – 1997 University Edinburgh, Science Studies Unit, Department of Sociology - Edinburgh, Scotland; 1991 -1998 University Bielefeld, Faculty of Sociology (Diploma in Sociology 1998) Previous positions
		Consultant (Technologieberater) VDI Technologiezentrum GmbH (German Engineers Association), Department of Research, Technology and Innovation - Düsseldorf, Germany (2004-2005); Senior Researcher at alpS - Centre for Natural Hazard and Risk Management, Innsbruck, Austria (2002-2004)
4.	D. Couto, CEO and co-founder at Cell2B, Expert in Biomedical Engineering	Daniela S. COUTO is currently CEO and co-founder at Cell2b (www.cell2b.com), a biotechnology start-up dedicated to the development of a new line of healthcare therapies to treat organ rejection in patients undergoing transplants. She has been awarded several research grants and entrepreneurial awards, namely the Women Entrepreneur Award 2011 and she was a finalist at the European Academic Enterprise Awards 2012.
		Daniela graduated with the highest honors in Bioengineering in 2011 from Instituto Superior Técnico – Technical University of Lisbon, as part of the MIT-Portugal Program. Daniela developed her studies in technological innovation at Massachusetts Institute Technology for a total of 2 years. From her work resulted literature contributions to the field of drug-device combination products, cell therapies, and tissue engineering. Daniela holds a master degree in Biomedical Engineering from University of Minho, Portugal, with work done in collaboration with Politecnico di Milano, in Italy.
5.	A. Gulasci,	Andreea GULACSI was born in 1977, Brasov, Romania.
	Manager Innovation, European Committee for Standardization (CEN)	Major in International Affairs and History, Minor in Communication Studies, Vesalius College, (Boston University).
		Master of Arts in Business Communication and Public Relations, European Institute for Communication, (Brussels University)
		After finishing her studies, Andreea Gulacsi worked for two years for the Economist Group in Brussels. There she developed a marketing service strategy targeted at Eastern European countries, and worked in the Market Enterprise department, being involved in several large scale

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		conferences in Brussels.
		In 2003 Andreea was recruited to develop the service sector standardization in CEN – European Committee for Standardization.
		In 2005 Andreea changed positions to Programme Manager New Standardization Opportunities.
		At the beginning of 2010, following an internal reorganization, Andreea joined the Innovation Department of the CEN-CENELEC Management Centre.
		Since 2011 Andreea has taken up the responsibility of the Research Integration Unit being appointed Unit Manager in June 2011.
		The work of Andreea is to raise the awareness on the links between standardization and research, both at policy (such as the role of standards in Horizon 2020) and operational level (such as provide standardization support to FP7 and other research projects)
6.	P. Hoorelbeke, Vice President of the Safety Division at Total Refining &	Pol HOORELBEKE is a full time professional in industry. His academic experience is related to his doctoral research and to lectures that he has given at universities mainly in Europe and China. He works and teaches fluently in Dutch, French and English.
	Chemicals	He is appointed as Visiting Professor at the South China University of Technology for the period from January 2012 to December 2014.
		During the period of consultant (1987 – 2002) Pol performed about 350 HSE related studies. A comprehensive list of 270 jobs (for the period 1987-1999) in which Pol was involved (as main author) is given.
7.	D. Hudig , Chairman European Risk Forum (ERF)	Dirk HUDIG is currently Chairman of the European Risk Forum – a not for profit think tank which builds on ten years' experience of regulatory reform. The current work programme promotes the implementation by the EU institutions of RIA (Regulatory Impact Assessment), better consultation, the promotion of the use of science in EU regulation, the understanding of risk, regulatory co-operation between the EU and the USA, cost-benefit analysis, ex-post assessment and the quality of regulation.
		Dirk Hudig is also Director of FIPRA International – a Europe wide consultancy in regulatory and public affairs.
		Prior to joining the ERF, Dirk was Secretary General of the Union of Industrial and Employers' Confederations of Europe (UNICE), having previously chaired the Committee on State Aid.
		Dirk has previously worked for ICI, the UK Chemicals company, and worked in various businesses within the group before becoming national Head and Group Manager of EU Government Relations for ICI from 1987-1998.
		Dirk has also played a leading role in the creation of various coalitions such as the Senior Advisory Group on Biotechnology (SAGB) – which later became Europabio; energy liberalisation Energy-8.
8.	V. Nikonov, Coordinator of the UNECE Group of Experts on Risk Management in Regulatory Systems (UNECE)	Valentin NIKONOV, PhD in Economics, is the Coordinator of the Group of Experts on Risk Management in Regulatory Systems (GRM), which represents a unique, high-level and international partnership in the field of risk management. The Group functions within the United Nations Economic Commission for Europe and builds on the expertise of the Working Party on Regulatory Cooperation and Standardization Policies (WP.6)[1]. As the coordinator of the GRM, Valentin drafted two recommendations on the application of risk management to regulatory work and on building risk-based regulatory systems (recommendations were approved by the Working Party 6 and published in 2011), and coauthored a publication "Risk Management in Regulatory Frameworks: Towards a better management of risks", published earlier this year. The book sets out to provide a detailed methodology on how to build a

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		regulatory system that is centered upon managing and mitigating a wide range of risks. Valentin participated in the work of the ISO Technical Committee 262 "Risk Management" and represented UNECE Working Party 6 at meetings of WTO TBT Committee and OECD Working Party on Consumer Product Safety.
9.	M. Maghar, Key administrator, International Organization for Standardization (ISO) TC 262 for Risk management	Mick MAGHAR has worked as a Programme manager for the British Standards Institution since 1997. Since 2003 has operated exclusively as secretary of a diverse selection of CEN, CENELEC, ISO and IEC Technical Committees in a number of different fields. In 2011 took on the position of secretary of ISO Project Committee 262, Risk management set up to produce a guidance document on the use of the International Standard ISO 31000 Risk Management – Principles and guidelines. Subsequently oversaw the transition to a full Technical Committee responsible for the production and maintenance of International Standards on Risk Management.
10.	O. Salvi, General Manager, EU-VRi, Secretary General of European Technology Platform on Industrial Safety (ETPIS)	Olivier SALVI graduated in 1994 as Engineer in Environment and Industrial Risks (Ecole des Mines d'Alès). He has been working at INERIS, the French National Institute in charge of Industrial risks and environment protection since 1995. He has a long experience in the field of Risk Assessment and Risk Management, as researcher and programme manager. In 2006, seconded by INERIS, he became the General Manager of the
		newly created European Virtual Institute for Integrated Risk Management EEIG (EU-VRi, www.eu-vri.eu). At EU-VRi, he supervises several European collaborative projects and initiatives aiming at promote industrial safety and risk management.
		Supported by INERIS to support the creation of a European expertise in industrial safety, he is the Secretary General of the European Technology Platform on Industrial Safety (www.industrialsafety-tp.org) since 2005.
		He was the President of the Society for Risk Analysis Europe (SRA Europe, www.sraeurope.org) in 2005-2006. In 2006, he was elected as Councillor of Society for Risk Analysis International (SRA www.sra.org) and was nominated as Chair of the Committee of the Regions aiming at promoting interactions between the various parts of the World represented in SRA. He actively contributed to the creation of SRA Latin-America and SRA China.
11.	H. Vanhoutte,	Henk VANHOUTTE is Secretary General of the European Safety Federation (organization of European PPE suppliers).
	Secretary General at European Safety	He has over 20 years of experience in the PPE business.
	Federation (ESF)	As Secretary General, he is since 2004 the main contact person of the European Safety Federation with all stakeholders (EU Commission, Notified Bodies, Market Surveillance authorities, CEN-CENELEC, user groups,). He is currently also the CEN rapporteur for the PPE sector.
12.	P. Vercamer, Research and Innovation division at GDF Suez	Pascal VERCAMER aged 54, is a civil engineer graduated from Ecole Nationale des Ponts et Chaussées in Paris, PhD in engineering Geology. In 1984, he entered Gaz de France, R&D, Division, where he worked on pipe integrity assessment and pipeline operations. After several positions in the Transmission Division, in the office of relations with the French regulator for Energy and Distribution Division and the distribution division, he joined the Research and Innovation Division of GDFSUEZ (merging of Gaz de France and Suez) to supervise R&D programs dealing with Gas Transmission and Distribution networks. In particular, he is supervising projects about gas pipelines safety.