

**Program**

(ver. of May 17, 2013)

**iNTeg-Risk****5<sup>th</sup> iNTeg-Risk Conference 2013****"Horizon 2020: From iNTeg-Risk to the  
European Emerging Risk Radar"***supported by The Society for Risk Analysis (SRA)***Stuttgart, Germany, May 21-22, 2013****Venue:**

Maritim Hotel Stuttgart

Seidenstraße 34

70174 Stuttgart

Germany

<http://maritim.com/en/hotels/germany/hotel-stuttgart>European Virtual Institute for Integrated Risk Management  
Stuttgart 2013

## 5<sup>th</sup> iNTeg-Risk Conference 2013

### "Horizon 2020: From iNTeg-Risk to the European Emerging Risk Radar"


**Stuttgart, Germany, May 21-22, 2013**

As the preceding conferences in the period 2009-2012, the forthcoming, 5<sup>th</sup> iNTeg-Risk project Conference will provide an international forum at which partners involved in the EU project iNTeg-Risk ("Early Recognition, Monitoring and Integrated Management of Emerging, New Technology Related, Risks", [www.integrisk.eu-vri.eu](http://www.integrisk.eu-vri.eu)), will have the opportunity to present and discuss the issues related to the main topic of the project, emerging risks. The 5<sup>th</sup> conference is of a particular interest because it will be the final conference of the project. Therefore, the conference will look primarily into (a) results of the project and (b) lessons learned from the work on the project, possibly usable for the defining future research in the area of emerging risks. In particular, the results and experiences can be useful for the definition of the European research efforts within the Horizon 2020 and other initiatives to create various current "risk radars" in industry and public sector. Some of these initiatives will be presented and/or discussed at the conference, as well as the very much needed strengthening of the collaboration between industry and public sector in the area of risk governance and management. The special sessions within the conference like, e.g., the OECD/iNTeg-Risk Workshop on "Advanced methods and tools for dealing with systemic global risks" or standardization in the area of risk will provide further occasion for highlighting the issues of particular interest.

The main results of the project will be presented around the so-called "Big 7 of iNTeg-Risk", the main "integrative" deliverables of the iNTeg-Risk project, which will be demonstrated and discussed in a special session. The Conference will be accompanied by a specialist course focusing on ISO 31000 principles and their relation to the work done in the project and the pre-standardization document (CEN Workshop Agreement) prepared in the project, as well as a series of project meetings. The events will be an additional opportunity to share experience in risk governance, communication, analysis and management and to enjoy the pleasant ambience of one of the best hotels in Stuttgart.

Over 70 contributions from the EU, US, Japan, China and other countries will be presented and over 120 persons expected to take part. Selected paper will appear in a special issue of "European Journal of Risk Regulation" dedicated to the Conference.

We are looking forward to welcoming you in Stuttgart.



*(A. Jovanovic, iNTeg-Risk Project  
Coordinator, CEO EU-VRI)*



*(O. Renn, President EU-VRI)*

#### **Acknowledgments**

The Support of the European Commission provided for iNTeg-Risk project (Grand Agreement CP-IP 213345-2) is gladly acknowledged here, as well as the necessary complementing support provided by the project partners.

The program of the conference and its accompanying events comprises:

1. **May 20, 2013**  
**iNTeg-Risk Education and Training Course on ISO 31000 Principles**  
Elaborating the risk management principles, framework and process as described in ISO 31000:2009.  
[Register](#)
  
2. **May 21-22, 2013**  
**Main Conference**  
With presence of representatives from government, standardization bodies, EU and industry the Conference aims to showing how the stakeholders can benefit from the project final results.  
Main topics to be covered at the main conference organized will be:
  - 1.1: OECD / iNTeg-Risk Workshop: Advanced methods and tools for dealing with systemic global risks
  - 1.2: iNTeg-Risk: Integrated Risk Management
  - 1.3: Emerging Risks in gas, unconventional gas and biogas applications
  - 2.1: iNTeg-Risk: Safety of infrastructures
  - 2.2: Knowledge Management and Emerging Risks
  - 3.1: iNTeg-Risk: Emerging Risk Identification
  - 3.2: iNTeg-Risk: Aligning the European practices of emerging risk management
  - 3.3: 3rd China-EU Risk Forum
  - 4.1: Future of Nano-Safety
  - 4.2: iNTeg-Risk: „Big 7“ demonstration and discussion workshop: From iNTeg-Risk 1StopShop towards E2R2 (European Emerging Risk Radar)
  - 4.3: The Helmholtz Alliance Energy-Trans: finding solutions for energy transition[Register](#)
  
3. **May 22-23, 2013**  
**iNTeg-Risk Project Meetings (incl. related EU-VRI/ETPIS meetings)**  
General Assembly, International Advisory Board, Executive Board. All necessary information (incl. registration) for these meetings will be provided separately to the respective participants.
  
4. **May 24, 2013**  
**iNTeg-Risk Final Review Meeting**  
review and discussion of final project results with the European Commission. All necessary information (incl. registration) for this meeting will be provided separately to the respective participants.

**iNTeg-Risk Education & Training**

**Main Conference  
"Horizon 2020: From iNTeg-Risk to the European Emerging Risk Radar"**

**iNTeg-Risk project meetings  
(incl. related EU-VRI/ETPIS meetings)**

	<b>Monday May 20, 2013</b>	<b>Tuesday May 21, 2013</b>	<b>Wednesday May 22, 2013</b>	<b>Thursday May 23, 2013</b>	<b>Friday May 24, 2013</b>
	Steinbeis premises Kienestr. 35	Hotel Maritim Stuttgart Seidenstr. 34	Hotel Maritim Stuttgart Seidenstr. 34	Hotel Maritim Stuttgart Seidenstr. 34	Steinbeis premises Kienestr. 35
-09:00			<b>P 3: Plenary Session</b> 08:00 – 10:30		
-10:00	<b>iNTeg-Risk Education and Training Course on ISO 31000 Principles</b> 09:00 – 12:30	<b>P 1: Welcome</b> 09:00 – 10:30		<b>5th General Assembly of iNTeg-Risk Project</b> 09:00 – 11:00	<b>iNTeg-Risk Final Review Meeting</b> 9:00 – 12:30
-11:00		<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
-12:00		<b>P 2: Plenary Session</b> 11:00 – 12:30	<b>S 3.1: iNTeg-Risk: Emerging Risk Identification</b>   <b>S 3.2: iNTeg-Risk: Aligning the European practices of emerg. risk management</b>   <b>S 3.3: 3rd China-EU Risk Forum</b> 11:00 – 12:30	<b>General Assembly of EU-VRI (all members including ETPIS members)</b> 11:30 – 13:30	
-13:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
-14:00	<b>iNTeg-Risk Education and Training Course on ISO 31000 Principles (continued)</b> 13:30 – 18:00	<b>S 1.1: OECD / iNTeg-Risk HLRF Workshop: Advanced methods and tools for dealing with systemic global risks</b> 13:30 – 18:00	<b>S 4.1: Future of Nano-Safety</b>   <b>S 4.2: iNTeg-Risk: "Big 7" demonstration and discussion workshop</b>   <b>S 4.3: The Helmholtz Alliance Energy-Trans: finding solutions for energy transition</b> 13:30 – 15:30	<i>Lunch Break</i>	<b>iNTeg-Risk Final Review Meeting (continued)</b> 13:30 – 16:00
-15:00		<b>S 1.2: iNTeg-Risk: Integrated Risk Management</b>   <b>S 1.3: Emerging Risks in gas, unconventional gas and biogas applications</b> 13:30 – 15:30	<i>Coffee Break</i>	<b>5th Meeting of iNTeg-Risk International Advisory Board</b> 14:30 – 18:00	
-16:00		<i>Coffee Break</i>	<b>P 4: Plenary Session</b> 16:00 – 17:00		
-17:00		<b>S 2.1: iNTeg-Risk: Safety of infrastructures</b>   <b>S 2.2: Knowledge Management and Emerging Risks</b> 16:00 – 18:00	<b>P 5: Panel Discussion on E2R2 and Conference Closure</b> 17:00 – 18:00	<b>iNTeg-Risk Executive Board Meeting</b> 18:30 – 20:00	
-18:00					
-19:00		<i>Conference Dinner</i> 19:00 – 21:00	<b>General Assembly of EU-VRI (founding members)</b> 18:30 – 20:00		
-20:00					
-21:00					

## Detailed Agenda

(ver. of May 17, 2013)

### Main Conference

May 21, 2013

<b>08:30 – 09:00</b>	<b>Registration and getting together</b> (Coffee and refreshments)
<b>P 1. Plenary Session – Welcome</b> ( <u>Saal Maritim/Maritim-Hall</u> ; Chair: P. A. Schieb, OECD; R. Schneider, Swiss Re)	
<b>09:00 – 10:30</b>	<p><i>Welcome and organizational introductory remarks</i></p> <p><b>P 1.1. Welcome</b> – S. Mortier, Project Officer, European Commission, Belgium (10')</p> <p><b>P 1.2. Steinbeis in iNTeg-Risk: Innovative education for sustainable innovation</b> – J. Löhn, President Steinbeis University, Germany (10')</p> <p><b>P 1.3. From Information to Dialogue - New approaches to communication and public involvement for emerging risks</b> – O. Renn, President EU-VRI, Germany (30')</p> <p><b>P 1.4. How much closer are we to the improved "Early Recognition, Monitoring and Integrated Management of Emerging, New Technology related Risks"?</b> – A. Jovanovic, CEO EU-VRI, iNTeg-Risk Project Coordinator, Germany (30')</p>
<b>10:30 – 11:00</b>	<b>Coffee break</b>
<b>P 2. Plenary Session</b> ( <u>Saal Maritim/Maritim-Hall</u> ; Chair: A. Jovanovic, EU-VRI; O. Renn, EU-VRI / ZIRIUS Uni Stuttgart)	
<b>11:00 – 12:30</b>	<p><b>P 2.1. Future Global Shocks: the next frontier of risk management?</b> – P.-A. Schieb, OECD, France (30')</p> <p><b>P 2.2. Managing Emerging Risks starts with setting up an Emerging Risk Radar, reflection about some use cases</b> – R. Schneider, Swiss Reinsurance Company, Switzerland (30')</p> <p><b>P 2.3. Dilemmas in preparing for emerging risks within a risk-analytic framework</b> – R.L. Goble, Clark University, USA; O. Renn, EU-VRI / ZIRIUS Uni Stuttgart, Germany (30')</p>
<b>12:30 – 13:30</b>	<b>Lunch (buffet)</b>
<b>S 1. Parallel Sessions</b>	
<b>13:30 – 18:00</b>	<p><b>Session 1.1: OECD / iNTeg-Risk HLRF Workshop: Advanced methods and tools for dealing with systemic global risks</b> (<u>Salon Köln</u>; Chair: S. Jakobzone, OECD)</p> <p>This workshop will contribute to highlighting some of the new development trends and tools, such, as e.g., use of social media in crisis communication, space based technologies, agent based models, development of agreed protocols and procedures. Different stakeholders communities (governmental organizations, international organizations, private sector, academia, research...) will be offered an opportunity to exchange their experiences and discuss their priorities for future work, looking at topics like country crisis management, partnerships between the public and private sectors, emerging risk assessment, industry priorities, national contexts, etc. The draft agenda includes:</p> <p><b>Overview of OECD current work:</b></p> <p><b>S 1.1.1. Future Global Shocks: an update</b> – P.-A. Schieb, Reims Management School, France (30')</p> <p><b>S 1.1.2. G20 Framework for Disaster Risk Assessment</b> – S. Jacobzone, OECD, France (30')</p> <p><b>Advanced methods for managing risks:</b> presentations followed by Q/A</p> <p><b>S 1.1.3. Structured Impacts of Xevents: «Seven shocks and Finland»</b> – L. Ilmola, IIASS, Austria (30')</p> <p><b>S 1.1.4. Vienna Systemic Risk Management Model</b> – H. Felgenhauer, ForSys, Austria (30')</p> <p><b>S 1.1.5. A Rationale for Life Safety Management</b> – M. Faber, DTU, Denmark (30')</p> <p><b>Advanced tools for risk management:</b> presentations followed by Q/A</p> <p><b>S 1.1.6. Internet, smartphones, social networks for improved earthquake information and more efficient response</b> – R. Bossu, EMSC, France (30')</p> <p><b>S 1.1.7. Implementing the FGS Project "Blueprint for tools" in iNTeg-Risk</b> – A. Jovanovic, EU-VRI, Germany (30')</p> <p><b>Lessons learned and next steps:</b> panel discussion (30')</p> <p><b>Moderator:</b> A. Jovanovic, iNTeg-Risk Coordinator</p>

	<p><b>Session 1.2: iNTEg-Risk: Integrated Risk Management</b> (Salon Bonn; Chair: C. Mazri, INERIS; H. Pacaiova, TUKE)</p> <p><b>S 1.2.1. Vulnerability analysis and management - a step forward towards improving the optimal management of new and emergent risks</b> – S. Kovacs, INCDPM "Alexandru Darabont", Romania (15')</p> <p><b>S 1.2.2. Verification of Risk Assessment methodology in SME – Case study</b> – H. Pacaiova, A. Nagyova, Technical University of Kosice, Slovakia; A. Bernatik, VSB - Technical University of Ostrava, Czech Republic (15')</p> <p><b>S 1.2.3. Some insights on the characterization of emerging risks</b> – C. Mazri, INERIS, France (15')</p> <p><b>S 1.2.4. Emerging Risk due to NaTech scenarios: a quantitative assessment in a complex industrial area</b> – R. Rota, V. Busini, M. Derudi, E. Marzo, Politecnico di Milano, Italy; G. Uguccioni, D'Appolonia SpA, Italy; G. Antonioni, G. Spadoni, V. Cozzani, LISES - DICAM, Università di Bologna, Italy (15')</p> <p><b>S 1.2.5. WP3.4 I3: Integrative ERRA #3: Industrial zone of Pančevo-South</b> – S. Eremic, NIS GaspromNeft Refinery Pancevo, Serbia (15')</p> <p><b>S 1.2.6. Guidance for emerging risks appraisal: The case of new products and materials</b> – J. Trębicki, K. Doliński, Institute of Fundamental Technological Research, Poland (15')</p> <p><b>Discussion</b></p>
<p>13:30 – 15:30</p>	<p><b>Session 1.3: Emerging Risks in gas, unconventional gas and biogas applications</b> (Salon Hamburg; Chair: M. Hailwood, LUBW; O. Salvi, EU-VRi)</p> <p><b>S 1.3.1 IRGC risk governance guidelines for unconventional gas development</b> – M.-V. Florin, International Risk Governance Council, Switzerland (15')</p> <p><b>S 1.3.2 Use of Environmental Data for GIS-based Risk Assessment of Biogas Plants in Baden-Württemberg</b> – U. Bügel, T. Usländer, T. Batz, Fraunhofer IOSB, Germany; A. Jovanovic, M. Löscher, EU-VRi, Germany (15')</p> <p><b>S 1.3.3 Emerging Risk Management of biogas using the iNTEg-Risk tools</b> – O. Salvi, B. Caillard, EU-VRi, Germany; M.-X. Joubert, GdF Suez / DEGREMONT, France; S. Evanno, INERIS, France (15')</p> <p><b>S 1.3.4 Biogas Production in France – An Integrated Emerging Risk Assessment to Address very Diverse Production Contexts</b> – R Perinet, O. Olivetti-Selmi, N. Herchin, C Mesnil, V Blanchetiere, M Zarea, GDF SUEZ Research and Innovation Division – CRIGEN, France (15')</p> <p><b>S 1.3.5 Risk assessment procedure for emerging risks and its application to LNG</b> – P. Uijt de Haag, E. Kooi, RIVM, National institute of Public Health and the Environment, Netherlands (15')</p> <p><b>S 1.3.6 Emerging risks from fires and explosions in solid biofuels - some evidence from Denmark</b> – F.H. Hedlund, COWI, Denmark (15')</p> <p><b>Discussion</b></p>
<p>15:30 – 16:00 <b>Coffee break</b></p>	
<p><b>S 2. Parallel Sessions</b></p>	
<p>16:00 – 18:00</p>	<p><b>Session 2.1: iNTEg-Risk: Safety of infrastructures</b> (Salon Bonn; Chair: P. Auerkari, VTT; U. Krause, OttoUni)</p> <p><b>S 2.1.1. Application of multidimensional hazard identification to carbon capture and storage</b> – A. Parchment (Barrett), Cranfield University, United Kingdom (20')</p> <p><b>S 2.1.2. Strong development of integral safety at Dutch Rijkswaterstaat</b> – D. de Weger, M. Flinterman, J. Gulden, P. Heimplaetzer, Rijkswaterstaat, Netherlands (20')</p> <p><b>S 2.1.3. Emerging challenges and risk management in large underground storage of solid fuel</b> –P. Auerkari, S. Holmström, VTT, Finland; J. Sipilä, Helsinki Energy, Finland; U. Krause, Otto von Guericke University Magdeburg, Germany; I. Vela, BAM, Germany; M. Löscher, EU-VRi, Germany (20')</p> <p><b>S 2.1.4. Occupational Risk for wind farms</b> – O.N. Aneziris, I.A. Papazoglou, A. Psinias, National Center for Scientific Research "DEMOKRITOS", Greece (20')</p> <p><b>S 2.1.5. Safety issues in an underground coal storage</b> – J. Sipilä, Helsinki Energy, Finland; P. Auerkari, Risto Tuominen, Teemu Reiman, Jyrki Itkonen, Kalevi Aaltonen, VTT, Finland (20')</p> <p><b>Discussion</b></p>
	<p><b>Session 2.2: Knowledge Management and Emerging Risks</b> (Salon Hamburg; Chair: P. Vestrucci, UniBo; S. Harand, Executive Consultant)</p> <p><b>S 2.2.1 Dynamic Knowledge Management (DKM) – State of Art and beyond</b> – E. Kon, EKON, Israel (15')</p> <p><b>S 2.2.2 A Safety Balanced Scorecard</b> – P. Vestrucci, University of Bologna, Italy; G. Cavallone, NIER Ingegneria spa Castel Maggiore, Italy (15')</p> <p><b>S 2.2.3 IT Risk Management Compelling Event</b> – S. Harand, Executive Consultant, Austria (15')</p>

	<p><b>S 2.2.4 Integrated learning for occupational safety and health with emphasis in m-learning</b> – P. Vestrucci, University of Bologna, Italy; G. Cavallone, NIER Ingegneria spa Castel Maggiore, Italy (15')</p> <p><b>S 2.2.5 Reducing Human Error in Abnormal Situations: A Situation Risk Awareness Approach</b> – J. Lu, M. Naderpour, University of Technology, Sydney, Australia (15')</p> <p><b>S 2.2.6 Guidance for the management of risks associated with outsourcing and subcontracting</b> – J. Thommesen / H.B. Andersen, DTU, Denmark (15')</p> <p><b>Discussion</b></p>
<b>18:30 – 21:00</b>	<b>Conference Dinner</b>

## May 22, 2013

### P 3. Plenary Session

(Saal Maritim/Maritim-Hall; Chair: M. Maila, GRI, Canada; O. Renn, EU-VRI / ZIRIUS Uni Stuttgart)

<b>08:00 – 10:30</b>	<p><b>P 3.1. iNTeg-Risk white paper on integrated emerging risk management</b> – M.-V. Florin, International Risk Governance Council, Switzerland (25')</p> <p><b>P 3.2. Combining hazard management with deliberative learning to empower resilient communities</b> – T. Webler, SERI, United States (25')</p> <p><b>P 3.3. Risk management of engineered nanomaterials using the iNTeg-Risk Emerging Risk Management Framework (EMRF)</b> – K. Savolainen, Finnish Institute of Occupational Health, Finland (25')</p> <p><b>P 3.4. Adaptive management of environmental and security risks of synthetic biology: Lessons from recent experience</b> – K.A. Oye, MIT, United States (25')</p> <p><b>P 3.5. Risk Observatory for new Technologies – Concept and Examples</b> – D. Reinert, Institute for Occupational Safety and Health of the German Social Accident Insurance, Germany (25')</p>
<b>10:30 – 11:00</b>	<b>Coffee break</b>

### S 3. Parallel Sessions

<b>11:00 – 12:30</b>	<p><b>Session 3.1: iNTeg-Risk: Emerging Risk Identification</b> (Salon Köln; Chair: W. Bogaerts, Technologica; L. Cleemann)</p> <p><b>S 3.1.1. Identification of Emerging Hazards and Risks - The Cases of Food Safety and Occupational Health</b> – N.B. Lucas Luijckx, F.J. van de Brug, H.J. Cnossen, G.F. Houben, E.J.L.P. Tielemans, TNO, Netherlands (20')</p> <p><b>S 3.1.2. Towards an Integrated Risk Management approach for dealing with Cyber Security Risks</b> – J. van den Berg, Delft University of Technology, Netherlands (20')</p> <p><b>S 3.1.3. Anticipating risks of innovative safety barriers: findings on automated aerial surveillance</b> – M. Zarea, G. Pognonec, M. Lecchi, GDF SUEZ, France; M. Sohlbach, Trimble, Germany; A. Scholtz, Technical University Braunschweig, Germany; E. Rigaud, Ecole de Mines de Paris, France; C. Mazri, INERIS, France; J.A. Lana, Enagás, S.A, Spain (20')</p> <p><b>S 3.1.4. Invasion of Robots: Emerging Risks Evaluation - Call for Action</b> – L. Cleemann, Senior Adviser, Germany; C.-F. von Braun, Technology and Strategy Consulting, Germany; W. Renninger, Hochschule Amberg-Weiden, Germany(20')</p> <p><b>Discussion</b></p> <p><b>Session 3.2: iNTeg-Risk: Aligning the European practices of emerging risk management</b> (Salon Bonn; Chair: H. Steusloff, Fraunhofer IOSB)</p> <p><b>S 3.2.1. The development of CWA "Managing emerging technology-related risks"</b> – E. Krukenberg, DIN German Institute for Standardization, Germany (20')</p> <p><b>S 3.2.2. Aligning approaches to emerging risks across different stakeholder groups (CEN CWA)</b> – A. Jovanovic, EU-VRI, Stuttgart; K. Øien, SINTEF, Norway; B. Debray, INERIS, France (20')</p> <p><b>S 3.2.3. KAN says: A Workshop on iNTeg-Risk might be fine ... but not under the umbrella of standardization organizations!</b> – C. Mattiuzzo, KAN Kommission Arbeitsschutz und Normung, Germany (20')</p> <p><b>S 3.2.4. Early Standardization - Reducing the Risk of Failing Innovation Efforts and Projects.</b> – H. Steusloff, Fraunhofer IOSB, Germany (20')</p> <p><b>Discussion</b></p> <p><b>Session 3.3: 3<sup>rd</sup> China-EU Risk Forum</b> (Salon Hamburg; Chair: Chongfu Huang, Beijing Normal University; O. Salvi, EU-VRI)</p> <p><b>S 3.3.1. SafeChina project: Results and Further activities</b> – A. Jovanovic, Yan Liu, R. Guntrum, Steinbeis Advanced Risk Technologies, Germany (20')</p>
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- S 3.3.2. BMILP: Main activities related to safety and risk in China** – Yan Qin, Bin Zhang, Tong Wang, Yan Liu, Beijing Municipal Institute of Labor Protection, China (20')
- S 3.3.3. Discussion of Principle of Risk Radar Based on Internet of Intelligences** – Chongfu Huang, Beijing Normal University, China (20')
- S 3.3.4. Economic Transition and Higher Education in China: What can Developing Countries learn?** – D. Linowski, Steinbeis University Berlin, Germany (20')
- Discussion**

12:30 – 13:30

Lunch (buffet)

#### S 4. Parallel Sessions

##### **Session 4.1: Future of Nano-Safety**

(Salon Köln; Chair: J. M. Lopez de Ipiña, TECNALIA; D.G. Rickerby, JRC)

- S 4.1.1. Evaluation of Available Tools for Nanomaterials Risk Assessment** – D.G. Rickerby, I. Rio Echevarria, A.N. Skouloudis, European Commission, Joint Research Centre, Italy (20')
- S 4.1.2. Some examples of the European and national research contributing to achieve more safe nanotechnology processes** – J. M. Lopez de Ipiña, C. Vaquero, Tecnalia Research and Innovation, Spain; N. Galarza, C. Gutierrez Cañas, University of the Basque Country, Spain (20')
- S 4.1.3. Creation of a competence centre for environment, health and safety issues on nanotechnology in the basque country** – J. M. Lopez de Ipiña, Tecnalia, Spain; C. Oyón, A. Martínez, nanoBasque Agency-SPRI, Spain (20')
- S 4.1.4. nanoSTAIR: Establishing a process and a platform to support standardization for nanotechnologies implementing the STAIR approach** – O. Salvi, B. Caillard, EU-VRi, Germany (20')
- S 4.1.5. Application of the probit method to assess hazards of exposure to nano-materials** – U. Krause, M. Haseeb Hassan, H. Krause, Otto von Guericke University Magdeburg, Germany (20')

**Discussion**

13:30 – 15:30

##### **Session 4.2: iNTeg-Risk „Big 7” demonstration and discussion workshop: From iNTeg-Risk 1StopShop towards E2R2 (European Emerging Risk Radar)**

(Salon Bonn; Chair: D. Balos, R-Tech; P. Klimek, EU-VRi; M. Löscher, EU-VRi)

The workshop will open an opportunity to show to interested users/stakeholders how the various iNTeg-Risk deliverables can be accessed and used in the future. It will concentrate on the demonstration and discussion related to the main “integrative” deliverables of the iNTeg-Risk project (iNTeg-Risk’s “Big 7”) and to the possible use of iNTeg-Risk results in the E2R2 (European Emerging Risk Radar)

**Discussion**

##### **Session 4.3: The Helmholtz Alliance Energy-Trans: finding solutions for energy transition**

(Salon Hamburg; Chair: P.-J. Schweizer, ZIRIUS Uni Stuttgart)

- S 4.3.1. Challenges of the energy transition system** – O. Renn, ZIRIUS Uni Stuttgart, Germany (25')
- S 4.3.2. The German energy turnaround: Applying risk analysis using CIB context scenarios** – S. Prehofer, ZIRIUS Uni Stuttgart, Germany (25')
- S 4.3.3. Facilitating the German Energy Transition: Enhancing acceptability and legitimization through discursive approaches?** – P.-J. Schweizer, ZIRIUS Uni Stuttgart, Germany (25')
- S 4.3.4. Commentary presentation: Assessment of the key influences on the success in the implementation of the energy efficiency policy** – D. Gvozdenac, M. Kljajić, B. Gvozdenac-Urošević, University of Novi Sad, Serbia (25')

**Discussion**

15:30 – 16:00

Coffee break

#### P 4. Plenary Session

(Saal Maritim/Maritim-Hall; Chair: M.-V. Florin, IRGC; K. Savolainen, FIOH)

16:00 – 17:00

- P 4.1. SAFERA - Coordination of European Research on Industrial Safety** – C. Aschan, Finnish Institute of Occupational Health, Finland (20')
- P 4.2. Industrial Safety and Risk Management in Horizon 2020: ETPIS point of view** – O. Salvi, EU-VRi Germany; ETPIS Executive Board members (20')
- P 4.3. Integrated risk analysis: a way to improve risk analysis conventional methods?** – Y. Dien, C. Duval, EDF, France (20')



**P 5. Panel discussion**

(Saal Maritim/Maritim-Hall)

<b>17:00 – 18:00</b>	<b>P 5.1. Panel discussion on E2R2 and Conference Closure</b> The conference will be concluded by a panel discussion involving some of the keynote speakers and session chairs that will recapitulate the talks and presentations given during the two conference days and discuss the potentials and options for an implementation of a European Emerging Risk Radar (E2R2). <b>Moderators:</b> <ul style="list-style-type: none"><li>• O. Renn, EU-VRi / ZIRIUS Uni Stuttgart, Germany</li><li>• A. Jovanovic, EU-VRi, Germany</li></ul> <b>Panelists:</b> <ul style="list-style-type: none"><li>• W. North, NorthWorks Inc, USA (Introductory Talk)</li><li>• M. Maila, GRI, Canada</li><li>• K.A. Oye, MIT, USA</li><li>• P.-A. Schieb, OECD, France</li><li>• R. Schneider, Swiss Re, Switzerland</li></ul>
	<b>A. Jovanovic:</b> Closing the Conference with announcement of the iNTeg-Risk/E2R2 Memorandum of Understanding and plans for continuation conference on emerging risk.
<b>18:00</b>	<b>End of the conference</b>

## Registration/Fees

**Registration** for the Main Conference is open at:

<http://www.eu-vri.eu/fwlink/?LinkID=414>

**Conference fees** (+ VAT if applicable):

- 350 €, for iNTeg-Risk partners, speakers and members of the International Advisory Board
- 450 €, for other full delegate
- 250 €, for student delegates.

The registration includes handouts, coffee breaks, lunches and the welcome reception and conference dinner.

## Hotels

**Hotel with special price\*:**

Hotel Name Telephone Nr.	Web e-mail	walking distance (min) to Haus der Wirtschaft	price single room (€)	price double room (€)
Please indicate "iNTeg-Risk" as the keyword.				
<b>Maritim Hotel</b> Tel. +49 711 942 1210	<a href="http://www.maritim.com/en/hotels/germany/hotel-stuttgart-reservierung.stu@maritim.de">http://www.maritim.com/en/hotels/germany/hotel-stuttgart-reservierung.stu@maritim.de</a>	5	149	188

*\*The special price is indicative – please check with the hotel in each particular case.*

Hotels in the neighborhood of Hotel Maritim /Haus der Wirtschaft with no special arrangements

Hotel Name Telephone Nr.	Web	walking distance (min) to Haus der Wirtschaft	walking distance (min) to Hotel Maritim	price (approx.) (€)
Hotel Unger Tel. +49 711 2099-0	<a href="http://www.hotel-unger.de">www.hotel-unger.de</a>	3	15	125
Hotel Wartburg Tel. +49 711 2045-0	<a href="http://www.hotel-wartburg-stuttgart.de">www.hotel-wartburg-stuttgart.de</a>	5	10	88
Hotel Rega Tel. +49 711 619340	<a href="http://www.rega-hotel.de">www.rega-hotel.de</a>	10	10	115
Hotel Azenberg Tel. +49 711 225504-0	<a href="http://www.hotelazenberg.de">www.hotelazenberg.de</a>	10	15	105

For further hotels and/or info you may find useful to consult [http://www.stuttgart-tourist.de/ENG/hotels/hotels\\_buchen.htm](http://www.stuttgart-tourist.de/ENG/hotels/hotels_buchen.htm). No special conditions would apply to these hotels.

## Venue



### Maritim Hotel Stuttgart

Seidenstraße 34  
70174 Stuttgart  
Germany

Phone: +49 711 942-0

Fax: +49 711 942-1000

Reservation: +49 711 942-1210

E-Mail: [info.stu@maritim.de](mailto:info.stu@maritim.de)

<http://maritim.com/en/hotels/germany/hotel-stuttgart>



### Info & Transportation

The Maritim Hotel Stuttgart is situated in the centre of the city nearby the main railway station and has a direct access to the Kultur- und Kongresszentrum Liederhalle. Just opposite to the hotel the Bosch Areal with cinema halls, fitness studio and various shopping facilities is located. Some of the cultural establishments such as the Friedrichsbau Variété and the famous museums of the city are within easy walking distance.

Distance to main railway station: 1.5 km

Distance to motorway: 8 km

Distance to airport: 13 km

Distance to trade fair centre: 13 km

Distance to Old and New Castles: 1 km

Distance to Wilhelma Zoo: 3 km

Distance to SI-Zentrum: 17 km

Distance to Neckar Park with Mercedes-Benz Museum, Porsche Museum and Hans-Martin-Schleyer Hall: 5 km

### Taxi fares:

from airport approx. 25-30 €

from main station approx. 5-10 €

### Busses and trams:

from airport: S2 or S3 to stop "Stadtmitte", there take tramway U4 to stop "Rosenberg-/Seidenstraße"

from main station: bus route 42 to stop "Rosenberg-/Seidenstraße" or tramway U9 to stop "Berliner Platz" (Liederhalle)

### Links:

Public transportation:

[http://www2.vvs.de/vvs/XSLT\\_TRIP\\_REQUEST2?language=de&sessionID=0&place\\_destination=Stuttgart&name\\_destination=Maritim%20Hotel%20Stuttgart&type\\_destination=poi](http://www2.vvs.de/vvs/XSLT_TRIP_REQUEST2?language=de&sessionID=0&place_destination=Stuttgart&name_destination=Maritim%20Hotel%20Stuttgart&type_destination=poi)

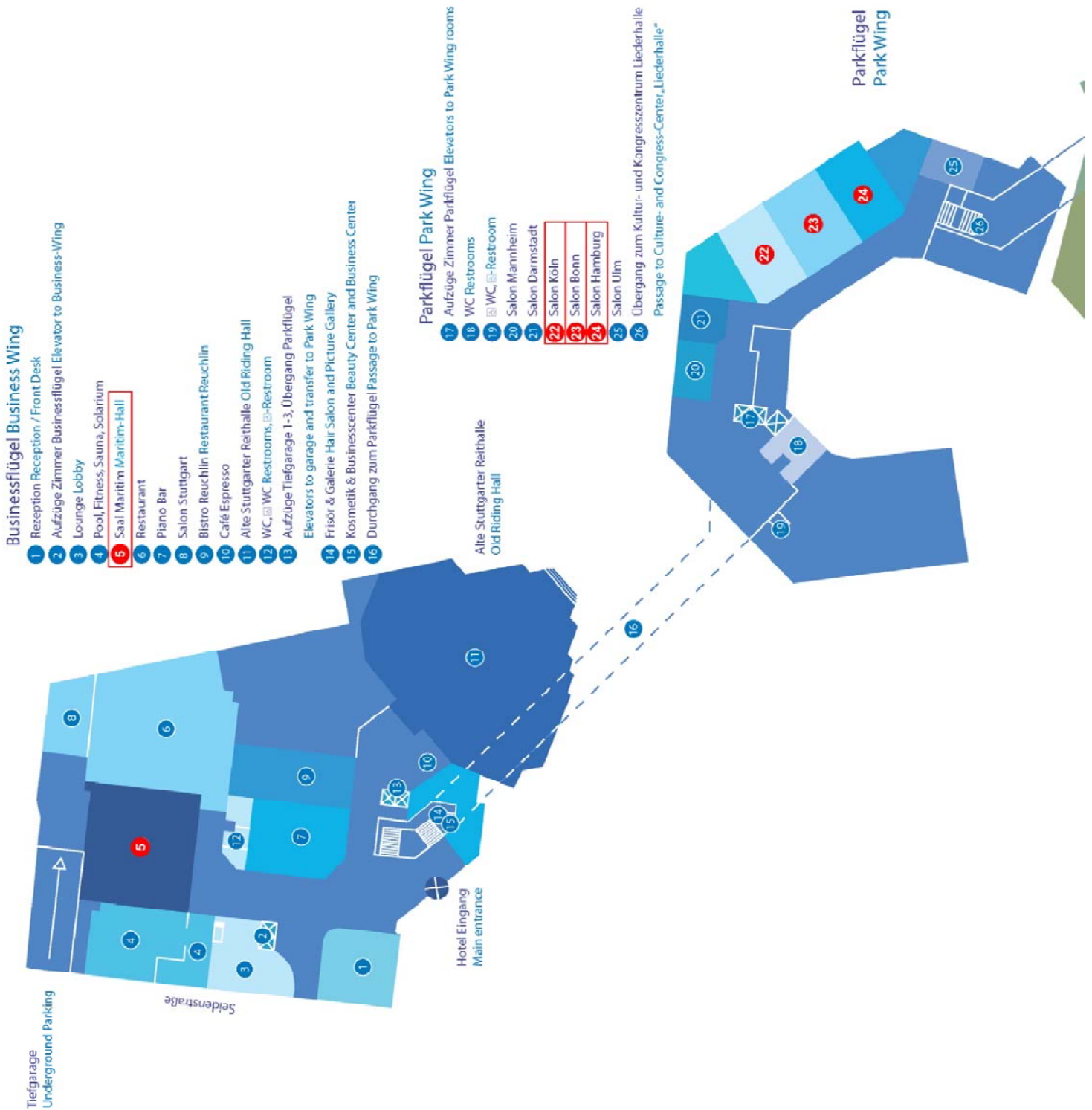
Route Hotel Maritim Stuttgart:

<http://maps.google.com/maps?daddr=Seidenstra%C3%9Fe+34%2C+70174+Stuttgart%2C+de>

**Environmental badge** obligatory for green zones in Germany also for foreigners! Purchase your badge prior to your visit to Germany! Vehicles without environmental badge may not pass through the green zone, otherwise a penalty of 40,00 € and a penalty point in Flensburg impend. This is also valid for all vehicles registered in foreign countries, like cars, trucks, and busses, as well as for business travellers and for tourists. For this reason it is recommended that all drivers to inform themselves about the environmental badges, and to purchase it on time. For further information, please contact the hotel.



**Meeting Rooms**



**Contact:**

**EU-VRI**

**European Virtual Institute for Integrated Risk Management**

Haus der Wirtschaft, Willi-Bleicher-Straße 19

70174 Stuttgart, Germany

Tel: +49 711 1839 781, Fax: +49 711 1839 685

[www.eu-vri.eu](http://www.eu-vri.eu), [info@eu-vri.eu](mailto:info@eu-vri.eu)