

Baltic Dynamics 2016



21st INTERNATIONAL CONFERENCE ON INNOVATION **"INNOVATION AND TECHNOLOGY CONVERGENCE –** **STRATEGY FOR SMART GROWTH"**

Panel Discussion "The Role of Business Ecosystems in the Development of Innovative and Sustainable Business" is organized in the framework of "Entrepreneurship Motivation Programme" managed by Investment and Development Agency of Latvia (LIAA) and co-financed by European Regional Development Fund and European Union

PROGRAMME

Riga, RADISSON BLU HOTEL LATVIA
September 15-16, 2016

Wednesday, September 14, 2016

14.00 - 18.00 Arrival of Participants. Registration.
Hotel Radisson Blu Latvia, Elizabetes 55

Pre-conference workshops and/or meetings

16.30 - 17.30 BASTIC Board meeting - *Hall Mi*

19.00 - 21.00 Welcome Cocktail

Thursday, September 15, 2016

8.00 - 17.00 **Registration.** *Radisson Blu Hotel Latvia, Elizabetes 55, Hall on the 1st floor*

9.00 - 9.30 **Opening of the
BALTIC DYNAMICS 2016 Conference
Hall Alfa**

Welcome Addresses:

Māris Kučinskis, *Prime Minister of the Republic of Latvia,*
Arvils Ašeradens, *Minister of Economics,* **Tālis Juhna**,
Pro-Rector of Riga Technical university



PLENARY SESSION 9.30 – 13.00 (Hall Alfa)

SETTING OUT THE RIGHT TRAFFIC SIGNS ON THE INNOVATION SUPERHIGHWAY

Tribute to Debra Amidon (President of Entovation International, USA) the BALTIC DYNAMICS key-note speaker in 2007, 2010 and 2013

Session Chairpersons: BASTIC Board Members - Martin Goroško, Estonia, Dr. Janis Stabulnieks, Latvia, Tomas Černevičius, Lithuania

9.30 Meeting Global Challenges with 21st Century Innovation Policies. Prof. Charles Wessner, George Town University, USA

10.00 Knowledge-Based Strategies for Competitiveness and Regional Quality of Life. Gunter Clar, c3-solutions, Germany

10.30 European Frame for Speeding up Innovation Development. Markku Markkula, President of the European Committee of the Regions, Finland.

11.00 EU Programmes to Support SMEs as a Catalyst for Growth. Dr. Jose Puigpelat, Executive Agency for Small and Medium Sized Enterprises - EASME, European Commission, Belgium

11.30 Coffee break

12.00 EU Gateway: Your Opportunity for Long-Lasting Business Collaborations in Asia. Siemon Smid, EU-Gateway / Business Avenues, European Union

12.30 Using Cross Fertilisation to Generate Innovation. Kitija Tigule, Vice President Association of Latvian Travel Agents and Tour Operators (ALTA), Regional Manager Baltics at Amadeus, Latvia

13.00 End of the session

13.00 – 14.00 Lunch (Hall Beta 2)



Thursday, September 15, 2016

(parallel sessions 1 – 6, 14.00 – 17.30)

SESSION 1 14.00 – 17.30 (*Hall Gamma 2*)

SMART ENERGY, RESEARCH, DEVELOPMENT AND DEMONSTRATION

IN COOPERATION WITH THE INSTITUTE OF PHYSICAL ENERGETICS

Session Chairpersons: Prof. Irina Oleinikova, Institute of Physical Energetics, Latvia

- 14.00 Opening of the session.** Prof. Irina Oleinikova, Institute of Physical Energetics, Latvia
- 14.05 Electricity Market Liberalization and Availability of Variable Renewable Energy – Is it Possible to Stay Competitive?** Polina Ivanova, Maris Balodis, Olegs Linkevics, Latvenergo JSC, Latvia
- 14.25 Modeling of Energy System Development in Latvia: Introduction of Energy and Climate Mitigation Policy Issues in Energy Planning Model.** Dr. Gaidis Klāvs, J.Reķis, Institute of Physical Energetics, Latvia
- 14.40 CloudGrid – the Development of a Transnational Smart Grid Lab Cooperation.** Emil Hillberg, Jan Djurström, STRI, Sweden; Jimmy Ehnberg, Chalmers, Sweden; Elisabetta Tedeschi, Kjetil Uhlen, NTNU, Norway; Rafael Segundo, Petr Korba, ZHAW, Switzerland; Irina Oleinikova, Anna Mutule, IPE, Latvia
- 14.55 Potential of Demand Response in the Baltic Market.** Gatis Junghans, HV Network, Latvia
- 15.10 Smart Grid Development in “A/S Sadales tīkls” Distribution Networks.** Martins Budahs, Ivo Grinbergs, Ivars Bičkovskis, JSC Distribution Networks, Latvia
- 15.25 Prosumer’s Role in Furthering Sustainability and Energy Transition.** Dr. sc.ing. Anna Mutule Head of Smart Grids Research Centre at IPE, Latvia.
- 15.40 Coffee break**
- 16.10 Stakeholder Involvement in Sustainable Energy Planning for Resilient Urban Development.** Gregory Olevsky, University of Latvia, Timurs Safiulins, Riga municipal agency “Riga Energy Agency”, Latvia
- 16.25 University Role in Smart Power System Development.** Prof. Antans Sauhats, Riga Technical University (RTU)), Asoc.Prof. Diana Zalostiba, RTU, Latvia

- 16.40 Networking and Cooperation as Core Elements of the TTI Research Strategy and Basis for Sustainable Development.** Prof. Dr.Sc.Ing. Irina Yatskiv (Jackiva), Transport and Telecommunication Institute, Latvia
- 16.55 Technology Testing Opportunities in Estonian Smart Grids and the Innovation Hub for Smart Energy Technologies in Northern Europe.** Enn Laansoo, Jr., CEO, PAKRI Science and Industrial Park, Estonia
- 17.10 Energy or Materials – Used Tyres Utilisation Problems in Latvia.** Dr.Janis Kalnacs, Institute of Physical Energetics, Latvia
- 17.30 End of the session**

SESSION 2 14.00 – 17.30 (*Hall Alfa*)

THE ROLE OF BUSINESS ECOSYSTEMS IN THE DEVELOPMENT OF INNOVATIVE AND SUSTAINABLE BUSINESS Part 1

ENTREPRENEURSHIP ECOSYSTEMS

IN COOPERATION WITH INNOVATION MOTIVATION PROGRAMME IN LATVIA

Moderator: Heinz Fiedler, President, SPICE Group, Germany

- 14.00 Introduction to Entrepreneurship Ecosystems - Aims and Work Pattern of this Session.** Heinz Fiedler, President, SPICE Group, Germany

Thematic Focuses of Entrepreneurship Ecosystems

- 14.15 International Invention and Innovation Exhibition “MINOX 2016”.** Ivans Griņēvičs, Latvian Inventors Association, Elmārs Baltiņš, Association “CONNECT Latvia”, Latvia
- 14.25 Green Technology Incubator – A Place for Ambitious Ideas.** Dr.Matiss Neimanis, Green Industry Innovation center, Latvia
- 14.35 University Business Incubator - Research Results from Latvia.** Iveta Cirule, RISEBA University, Latvia
- 14.45 Commercialization Reactor as Successful Technology Commercialization Platform.** Nikolai Adamovitch, Commercialization Reactor, Latvia
- 14.55 Q & A**

Achievements & Challenges –Experiences with Building an Entrepreneurship Ecosystem

- 15.05 Experiences from the Entrepreneurship Ecosystem in Kaunas, Lithuania.** Paulius Nezabitauskas, Director of Innovation & Entrepreneurship Development, Kaunas Science & Technology Park, Lithuania
- 15.15 New Models and Mission of Entrepreneurial Ecosystems.** Anne Gustafsson-Pesonen, Natalia Narits, Mikkeli University of Applied Sciences, Finland
- 15.25 Q & A**
- 15.40 Coffee break**

Startups in the Entrepreneurship Ecosystem

- 16.00 From Start-up to Open Innovation Platform: a Case of GrabCAD.** Tõnis Mets, University of Tartu, Estonia
- 16.10 EU-XCEL: Creating International Start-up Community.** Maciej Nowak, Poznan Science and Technology Park, Poland
- 16.20 Q & A**
- 16.30 Interactive Discussion around topics like:**
- Are **rankings** (of Entrepreneurship Ecosystems) help or hurdle?
 - Does **size** of an ecosystem matter or is small beautiful or?
 - Are **themes** (for example, Green Startups") needed or disturbing?
 - Do the players in an ecosystem find to **cooperation or is competition** growing.
 - What approach for entrepreneurship support systems is needed; **local – regional – national – global**?
 - The role of **politics** for startup development - just talks or important support?
 - What are **education and research** institutions contributing; theory or practice?
- 17.20 Summing up / Conclusions**
- 17.30 End of the session**



SESSION 3 14.00 – 17.30 (Hall Ksi)

ENTERPRISE EUROPE NETWORK – AN EFFICIENT TOOL FOR SME GROWTH

IN COOPERATION WITH EEN LATVIA

Session Chairperson: Dr. Jose Puigpelat, Head of the Unit, Executive Agency for Small and Medium Sized Enterprises - EASME, European Commission, Belgium

14.00 Introduction by the Chairperson

14.10 Country and Consortium reports delivered by EEN Member organisations

15.10 Business, Technology & Innovation reviews

15.40 Coffee Break

16.10 KAM & EIMC

16.40 Good Practices & Success Stories

17.10 Round Table Discussion

17.30 End of the session

SESSION 4 14.00 – 17.30 (Hall Gamma 1)

EMPOWERING FOR INNOVATION AND GROWTH IN CITIES AND REGIONS

IN COOPERATION WITH BSR INTERREG PROJECT EmplInno

Session Moderators: Prof. Monika Petraite, Kaunas University of Technology, Lithuania, prof. Volker Wittpahl, Klaipeda University, Lithuania

14.00 Introduction by Moderators

14.10 Empowering Innovative Smart City Solutions in Tallinn.

Jaak Raie, Director of Tallinn Science Park Tehnopol, Estonia

14.30 Getting Regional Smart Specialisation Strategies Closer to the Business – the Interreg BSR Project „EmplInno”.

Gert Proba & Lars Schieber, Rostock Business and Technology Development GmbH, Germany

14.50 Urban Society & Innovation: Integrated Transformation Strategies for the Development of Sustainable Middletowns.

Prof. Dr.Volker Wittpahl, Klaipeda University, Lithuania; Uwe Seidel, Institute for Innovation and Technology, Berlin, Germany

- 15.10 Co-creating to Develop a Holistic and Sustainable Cleantech Solutions to City Challenges.** Bjarke Kovshøj, Clean tech cluster CLEAN, Denmark
- 15.25 Challenges and Opportunities in Reaching Smart Specialization Milestones.** Prof. Monika Petraité, Head of Department of Strategic Management at Kaunas University of Technology, Lithuania
- 15.40 Coffee break**
- 16.10 How Regional Developers can Support Technology-based Young Entrepreneurial Firms?** Tomi Heimonen, Manager for Business and Innovation, South Savo Regional Council, Finland
- 16.30 Round Table Discussion and wrap-up by Moderators**
- 17.30 End of the Session**

SESSION 5 14.00 – 17.30 (Hall Epsilon)

THIRD GENERATION OF UNIVERSITIES

IN COOPERATION WITH RIGA TECHNICAL UNIVERSITY

Moderator: Māris Millers , organisation development consultant and management trainer, founder of the “MM Studija” Ltd, Latvia

- 14.00 Empowering for Innovation, Entrepreneurship and Cooperation among Businesses, Municipalities and Universities - a case of Vidzeme University of Applied Sciences.** Dr. Kaspars Osis, Director of Vidzeme University of Applied Sciences Knowledge and Technology Centre, Latvia
- 14.20 European Platform for Innovation and Collaboration between Engineering Students (EPICES) Project Accomplishment at Riga Technical University.** A.Janushevskis, I.Vaicis, I.Viksne, Riga Technical University, Latvia
- 14.40 The Role of Alumni in 3rd Generation Universities.** Anita Straujuma, Executive Director of Riga Technical University Alumni Association, Latvia
- 15.00 The Commercialization Ecosystem - Insights of a US Serial Entrepreneur.** Bob Kirscher, serial entrepreneur, USA
- 15.20 Innovation Capacity as a Determinant of the European Economies Smart Growth.** Dr. Tatyana Boikova, Baltic International Academy, Latvia
- 15.40 Coffee break**
- 16.10 Round Table Discussion**
- 17.30 End of the session**

SESSION 6 14.00 – 17.30 (Hall Beta 1)

INNOVATION AND NEW TECHNOLOGIES IN TOURISM

IN COOPERATION WITH TOURISM ASSOCIATION
ALTA

Moderator: Irēna Riekstiņa, Secretary General,
Association of Latvian Travel Agents and Tour
Operators, Latvia

- 14.00** Introduction by the Moderator
- 14.10** Convergence of Travel Suppliers and Travellers. Krzysztof Gostkowski, Travelport, Poland
- 14.40** Panel Discussion: Innovation in Travel Management (part 1)
- 15.40** Coffee break
- 16.00** Rail Baltica - Railway to the Future. Neils Balgalis, grupa93, managing director, Latvia
- 16.30** Panel Discussion: Innovation in Travel Management (part 2)
- 17.00** End of the Session
- 18.45** Depart from the hotel to Gala Dinner.
- 19.00** Gala Dinner.



Friday, September 16, 2016

FINAL PLENARY SESSION 9.30 – 13.15 (*Hall Alfa*)

**THE ROLE OF BUSINESS ECOSYSTEMS IN THE
DEVELOPMENT OF INNOVATIVE AND SUSTAINABLE
BUSINESS**

Part 2

IN COOPERATION WITH INNOVATION MOTIVATION PROGRAMME IN
LATVIA

Moderator: Heinz Fiedler, President, SPICE Group, Germany

9.30 Country Report – Latvia: Improvement of the National Innovation System of Latvia. Prof. Edvins Karnītis, Cross-Sectorial Coordination Centre, Latvia.

9.50 Country Report – Lithuania: State-of-the-art, Challenges and Perspectives. Marius Skarupskas, Vice-minister of Economy of the Republic of Lithuania.

10.10 Country Report – Estonia: Estonia: On the Road to Sustainable, Not-Supported Business Development and Incubation Services. Jaak Raie, Director of Tallinn Science Park Tehnopol, Estonia

10.30 Panel Discussion

Panelists: Charles Wessner (USA), Gunter Clar (Germany), Jose Puigpelat (EC), Andris Ozols (Latvia), Edvins Karnītis (Latvia), Jaak Rae (Estonia), Marius Skarupskas (Lithuania)

13.00 Closing of the Conference

13.15 Lunch

Chair-persons



Martin Goroško has worked in the field of sales, marketing and PR for past 10 years. Former positions in the field of online marketing and sales of web-based products have led to the growing interest towards ICT and web entrepreneurship. The portfolio of experiences combines starting up new ventures, marketing & PR strategy management, mentoring, advertising, design, online media and web. For past 5 years Martin has been the marketing manager of Tallinn Science Park Tehnopol and co-founder of a startup company called Virtual Garden. BASTIC Board member.



Tomas Černevičius is a director of Operations at Kaunas Science and Technology Park (Kaunas STP). He has more than 15 years of experience in direct assistance and consultations to innovative and technology-oriented client companies of Kaunas STP as well as wide experience in participating, implementing and managing national and international projects in the fields of entrepreneurship, creativity and knowledge management. Since 2014 – the President of BASTIC.



Janis Stabulnieks, Dr.habil.sc.ing. is the Managing Director of the Latvian Technological Center – the first innovation support structure established in Latvia. Since 1993, his main research in the expertise areas has revolved around the analysis and policy advice for the creation of the National Innovation System in Latvia. In 2001-2002, he was Chairman of the working group for elaborating the National Programme on Innovation. Dr. J.Stabulnieks is a member of the IASP (International association of Science Parks ,BASTIC (Baltic Association of Science/ Technology Parks and Innovation Centres) and SPICE (Science Park and Innovation Center Experts) Group. He is the President of the Latvian Association of Technology Parks, Centers and Business Incubators (LTICA).

Key-note Speakers



Dr. Charles Wessner currently teaches Global Innovation Policy at Georgetown University and is a powerful advocate of effective innovation policies. Previously, he served for two decades as a National Academies scholar where he founded and directed the National Academy of Sciences Technology, Innovation, and Entrepreneurship Program. He is recognized nationally and internationally for his expertise on innovation policy, including public-private partnerships, entrepreneurship, early-stage financing for new firms, 21st century manufacturing, cybersecurity, and the special needs and benefits of high-technology industry. As an outgrowth of his work with the U.S. government, he advises technology agencies, universities, and government ministries, including the Prime Ministers of countries in Europe and Asia.



Gunter Clar has a 30 year professional record in the fields: Research and Innovation (R&I), Higher Education Teaching, R&I-Policy and -Programs, Regional Sustainable Development / Economic Diversification and, methodologically in Technology Roadmapping / Impact Assessment / Foresight and Evaluation. He also focused on cluster strategy & management, and implemented such activities with a focus on global value chains. Concerning the Europe 2020 Strategy, Horizon 2020, ESIF, OECD and APEC activities and the German High-Tech Strategy 2020 he developed, implemented and assessed related strategies. Currently, he is Chairman of the EC Expert Group to assess all R&I Strategies for Smart Specialisation in the EU-28. Firmly rooted in his professional and policy networks, Günter is frequently invited to expert and advisory groups (EU services, OECD, other international organisations and networks).



Markku Markkula was elected President of the European Committee of the Regions (CoR) in February 2015 for a two and a half year term of office.

Since joining the CoR in 2010 he has held several influential positions such as the first Vice-Chair of the CoR's EPP Group and Chair of the CoR's EPP Task Force on Europe 2020. He was the CoR's rapporteur in the field of innovation for subjects including: „The digital agenda for Europe“, „Enhancing and focusing EU international cooperation in research and innovation“, etc. President Markkula is a former member of the Finnish Parliament (1995-2003). He has held several important roles related to innovation ecosystems development in Finland, especially in the Helsinki region. For example he is the initiator and orchestrator of the EUR 20m research programme „Energising Urban Ecosystems“ and has been involved in several open innovation initiatives related to the Espoo Innovation Garden and Aalto University.



Since 2007 **José Puigpelat** is head of the unit Network Operations in the Executive Agency for Small and Medium Sized Enterprises - EASME, European Commission. He started his career in the European Commission in 1991 and he has served in different posts in the area of education and training. First he worked several years for the Tempus programme (co-operation in higher education with Eastern and Central Europe) and subsequently for the coordination of the Socrates programme (co-operation in education in the EU). Between 2003 and 2007 he was head of the team in charge of the Erasmus programme within DG EAC of the Commission. José Puigpelat is holder of a Master of Science by the University of Navarra (Spain) and a PhD of Science by the University of Louvain.



Siemon Smid is the programme director of the Coaching Network for the EU Gateway | EU Business Avenues programme, assisting European companies entering into Asian growth markets. Siemon has more than 20 years of professional experience working for the European Commission and he has advised more than 500 European SMEs and research-intensive industries in more than 40 countries worldwide. He is actively involved in the greening the European construction industry through the European Construction Observatory, a project of DG Grow. He is an evaluator for the Horizon 2020 programme. He has been instrumental for the creation of the European Space Agency's Business Incubation Centres, he designed the Drenas Industrial Park in Kosovo and he reoriented a former Fokker plant into a Science park for composites. He is working with the PwC Accelerator in recruitment and coaching of fast growing SMEs.



Kitija Tigule has been continuously contributing to the tourism industry of Latvia since 2003. Her role as the Regional Manager in the Baltics of Amadeus and General Manager of Amadeus Latvia (since 2003) has provided Kitija with premium industry innovation knowledge and expertise. In addition, as the president (last 10 years) of Latvian Travel Agents and Operators Association (ALTA), Kitija has been shaping and advocating the Latvian tourism industry in the local and global arena, leading to expanding recognition. Due to her influence, commitment, global vision and extensive experience, Kitija is recognized as one of the leading tourism experts in Latvia.



Edvins Karnitis, Prof. (since 1998), Dr. Sc. eng. (since 1992), Dr. h. c. Latvian Academy of Sciences (since 2007). Leading researcher, University of Latvia (since 1999); Adviser, Cross-Sectoral Coordination Centre (since 2016). Worked as Advisor to the Prime Minister (1999-2000) and to the Minister of Economy of Latvia (2000-2001). Active in elaboration of national strategic programmes. Author of more than 200 scientific, technical and analytical publications.



Jaak Raie has worked in the field of management and team-building over ten years. Former position as the Member of Executive board in Estonian Public Broadcasting has led to the growing interest towards sustainable real-estate development models and management of assets. Since April 2013, Jaak Raie is the Manager of Tallinn Science Park Tehnopol, responsible for strategy, real-estate development and business development services.

Moderators



Dr. **Irina Oleinikova**. Received the BSc, E.E., MSc and Dr.sc. ing. degrees from the Riga Technical University, in 1994, 1995, 1997 and 2000 respectively. Currently, Director of Institute of Physical Energetics and FP7, IRP ELECTRA- European Liaison on Electricity Committed Towards long-term Research Activities for Smart Grids, Project Manager. Expert in the field of Energy, Latvian Academy of Sciences. EERA (European Energy Research Alliance) Joint Programme on Smart Grids Steering Committee Member. Previously: head of Smart Grid Research Centre, Leading Researcher in the Laboratory of Electric Power System Mathematical Modelling at the Institute of Physical Energetics (IPE). Author of more than 150 papers, and 4 books.



Heinz Fiedler is the president of SPICE Group and has facilitated the activities of this network since its beginning in the year 1991. He is a pioneer in business incubation and technology commercialization and has received recognition for turning economic theory into practical results through creative international collaborations.



Dr. **Volker Wittpahl** did his Ph.D. on contactless on-wafer circuit test up to 100 GHz by using scanning force microscopy. Afterwards he gained industrial work experience within the Philips corporate group in the area of Technology Marketing as well as Innovation Management for the automotive supplier market. By an internal move to Philips Design in Eindhoven (NL), he became one of the responsible persons within the corporate owned interdisciplinary Think Tank. Next to his professional work, Volker Wittpahl has taught technology, innovation and project management on many universities in Germany and abroad. He is also co-initiator of the Baltic Innovation Center of Energy-efficient Systems (BICES) at the Klaipeda University.



Monika Petraite is a Full Professor and Head of the Department of Strategic Management at School of Economics and Business at Kaunas University of Technology, Lithuania. She is also a Director of GLORAD CEE (Global R&D research Centre Central Eastern Europe), and runs an Open Innovation research cluster. She holds a PhD degree in management and business administration (2002) from Kaunas University of Technology (KUT), Lithuania.

She is a founding member of International Association of Knowledge Management, ISPIM, Knowledge Economy Forum Lithuania, and also a public adviser for Kaunas City Mayor on Strategy and Innovation. She is acting as national and international expert on innovation policy and entrepreneurship facilitation, is an author of more than 50 academic publications, and promotes innovation and organizational development via business consulting practices.



Māris Millers works as a management consultant and trainer on strategy, organisation development and change management topics since 2004. During this period, he has worked with more than 100 management teams of Latvian and Baltic enterprises and organisations. He has also conducted more than 400 seminars, trainings and knowledge sharing events.

Maris has master degree in physics and MBA in Innovation and entrepreneurship. Before establishing his own company MM Studija, he worked 10 years with an international management team at Lattelecom, largest Latvian telecommunication company. Maris is co-founder of the Organisation development club "OAK". He also is a visiting lecturer in Riga Technical University, and currently works on his PhD research.



Irēna Riekstina is general secretary of Association of Latvia Travel Agents (ALTA) and an entrepreneur. She has previously worked with leading local and international travel management companies specialising in providing innovative corporate travel services for companies in Latvia. As an experienced professional in travel industry she has served as a president of ALTA, and was awarded as a Person of the Year in Tourism by the tourism industry professionals of Latvia.



We support innovation!



Latvijas Republikas
Ekonomikas ministrija



RĪGAS DOME



RĪGAS TEHNISKĀ
UNIVERSITĀTE



Latvijas Investīciju un attīstības aģentūra
Investment and Development Agency of Latvia



LATVIJAS
TEHNOLOĢISKAIS
CENTRS



Business Support on Your Doorstep



LATVIJAS TĒRISMA AĢENTŪRU UN OPERATORU ASOCIĀCIJA



Redefining travel commerce

