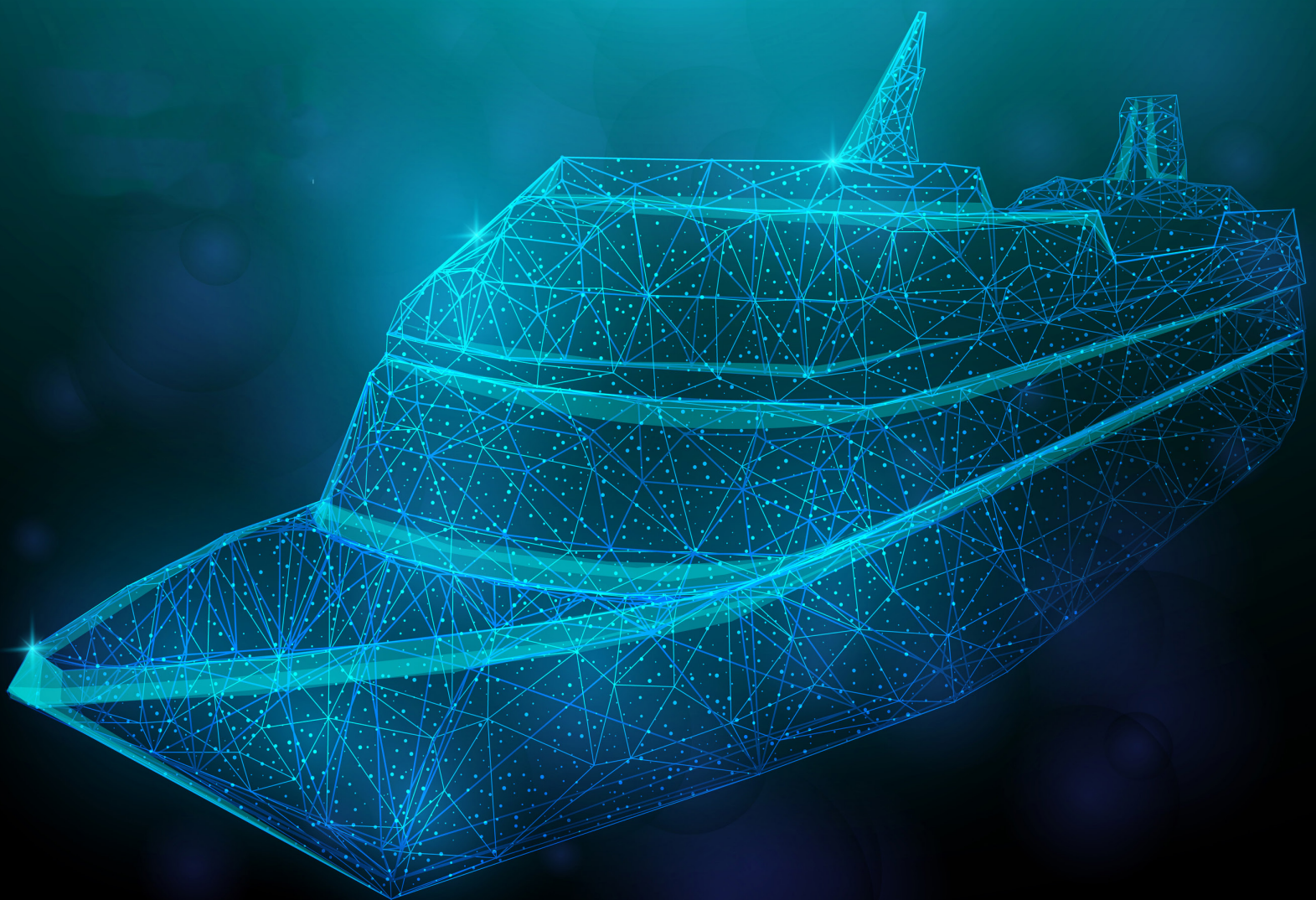


# The Baltic Sea Region A Science Powerhouse

Brussels, 26 November 2018  
Solvay Library



#BSRSciencePowerhouse

SCIENCE | BUSINESS®

Baltic  
Science  
Network



Interreg  
Baltic Sea Region



EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND



Dear Attendees of the 'Baltic Sea Region – a Science Powerhouse' Conference,

Developing the Baltic Sea region through a culture of cooperation is at the heart of the Baltic Sea Region Programme. Cooperation means sharing and working together. It means building trust across borders and increasing cohesion in the region.

The Baltic Sea region features a wide range of research and innovation infrastructures and demonstrates a longstanding history of scientific excellence. However, challenges are still ahead, and national or regional answers are no longer sufficient to address them. Instead, we need to cooperate more closely beyond borders, and bundle interests. The Interreg projects Baltic Science Network and Baltic TRAM created a network of science and research ministries, and a network of industrial research centres in the region. In this way the projects provide a coordination framework to develop and implement science policy in a macro-regional context, enabling exchange and development of new joint policy measures and mobility instruments, as well as a framework for macro-regional cooperation of research infrastructures. Both networks support global competitiveness of the Baltic Sea region and will create better chances for business and science development.

The European Union's Interreg Baltic Sea Region Programme is proud to contribute to initiating change in business and science development and thus, to create long-term impact in our region.

Today's conference will highlight the strengths of the Baltic Sea Region in research and innovation. I wish you inspirational interactions and debates.

**Susanne Scherrer**

**Director, Interreg Baltic Sea Region Managing Authority/ Joint Secretariat**

Dear Participants of the "Baltic Sea Region – A Science Powerhouse" conference,

The Baltic Sea Region (BSR) is not only a key economic region today, but also one of the most competitive knowledge regions in the world. With a plethora of excellent research infrastructures and outstanding scientists, the BSR thrives as area of research excellence and continues to contribute to building a knowledge-based society.

Therefore, the Free and Hanseatic City of Hamburg is immensely proud to host two exceptional Baltic Sea Region INTERREG-funded projects, which foster and manifest science and research cooperation in this region: The Baltic Science Network (BSN) and BalticTRAM. These projects are tied in into the Baltic Sea Strategy for Science and Research of the Hamburg Senate which aims at intensifying cooperation in these fields between Hamburg's scientists and researchers with their colleagues from the BSR in order to enhance the competitiveness of the region on a global scale.

As Hamburg's Minister for Science, Research and Equalities and Lead Partner of the Baltic Science Network, it is my pleasure to welcome you to the conference "The Baltic Sea Region – A Science Powerhouse". Today's conference will showcase the enormous scientific potential of the Baltic Sea Region and the benefits of joint research policies and strategies in order to enhance regional prosperity and growth. Furthermore, the conference will demonstrate that science cooperation in the Baltic Sea Region can serve as model for other European regions.

I therefore wish you lively discussions, interesting exchanges and insightful talks.

**Katharina Fegebank**

**Second Mayor and Minister for Science, Research and Equalities of the Free and Hanseatic City of Hamburg**





# The Baltic Sea Region A Science Powerhouse

The Baltic Sea Region (BSR) is one of the most competitive, innovative science macro-regions in the world, with an excellent structure of leading universities and research institutions. Cooperation in research and innovation in this region is unique and can serve as a role model. Distributed research facilities are transnationally connected via the Baltic Science Network (BSN) and the BalticTRAM networks. It allows to combine and utilise the strengths of EU 15 and EU 13 countries in order to foster research and innovation and bridge the innovation gap where necessary. Both projects show that the BSR has potential to be a model for developing and implementing innovative measures in collaborative research and innovation programmes at national, macro-regional and EU level. The BSR highlights the importance of transnational cooperation for developing a prosperous, knowledge-based European society ready to manage future challenges.

The recently published FP9 proposal “Horizon Europe” gives a strong signal in regard to emphasising the relevance of research and innovation in the EU, underlining the importance of unlocking the innovation potential of the research infrastructures, both in scientific research and research-industry collaboration. BSN and Baltic TRAM will use the conference to showcase the macro-region’s knowledge and the projects’ findings and present possibilities of transferring them to other European regions.

The event will address the question of how to align existing and upcoming innovation policy and R&D activities by operating in transnational structures to respond to the challenges at large. The benefits of joint research policies and strategies as well as cooperation in the frame of research and science will be discussed. The event will explore how innovation can be unlocked by strengthening collaborative actions and securing a workable framework of macro-regional collaboration between science and industry, and what actions are needed to better link research expertise to concrete industrial needs. Finally, the event will investigate how public and private sectors can join forces to enhance regional prosperity and growth.



# ABOUT THE ORGANISERS

Baltic Science Network (BSN) provides science and research ministries of the Baltic Sea region states with an overall coordination framework to develop and implement science policy in a macro-regional dimension and to ensure a better representation of macro-regional interests on the EU level.

The BSN project also aims at developing and implementing transnational strategies, incentives and programmes to support higher education, research and innovation and to further R&I excellence. It does so by focusing on three main fields of action: Widening participation, promoting mobility in research and higher education and identifying fields of research and innovation excellence.

Through these efforts the project fosters the realisation of common higher education and research areas in the Baltic Sea Region, and its research and innovation performance.

BSN partnership is closely interlinked with the EU Strategy for the Baltic Sea Region and is a flagship of Policy Area Education.

[www.baltic-science.org](http://www.baltic-science.org)



Baltic TRAM (Transnational Research Access in the Macroregion) is an international project which strengthens the relationship between analytical research institutions and business by linking scientific expertise to concrete industrial needs. It is partly financed by the Interreg Baltic Sea Region Programme.

The overall objective is to boost innovation, secure implementation of smart specialisation strategies and encourage entrepreneurship by supporting small and medium-sized enterprises – thus contributing to the regional effort of making the Baltic Sea Region innovative, sustainable and competitive. To achieve this, Baltic TRAM contributes to the regional research and innovation agenda.

The project establishes structures to serve as interfaces between analytical research institutes and companies, so-called Industrial Research Centres, which offer consulting services for companies and introduce them to relevant research institutions in order to tackle challenges in their innovation process.

[www.baltic-tram.eu](http://www.baltic-tram.eu)



# The Baltic Sea Region A Science Powerhouse

Overall event moderator: [Charlotte Geerdink](#), Founder, Charly Speaks

10:00	Registration
10:30	<b>Welcome</b> > <a href="#">Eva Gümbel</a> , Deputy Minister of Science, Research and Equalities, Free and Hanseatic City of Hamburg
10:40	<b>Keynote speech</b> > <a href="#">Jurgita Petrauskienė</a> , Minister of Education and Science, Lithuania
10:50	<b>Film: Baltic Sea Region – A Science Powerhouse</b>
11:00	<b>Keynote speech: Horizon Europe</b> > <a href="#">Signe Ratso</a> , Deputy Director-General, DG Research and Innovation, European Commission
11:15	<b>Panel 1: Horizon Europe: What can the EU science community expect from the next Framework Programme?</b> > <a href="#">Jurgita Petrauskienė</a> , Minister of Education and Science, Lithuania > <a href="#">Eva Gümbel</a> , Deputy Minister of Science, Research and Equalities, Free and Hanseatic City of Hamburg > <a href="#">Jean-Pierre Bourguignon</a> , President, European Research Council > <a href="#">Signe Ratso</a> , Deputy Director-General, DG Research and Innovation, European Commission > <a href="#">Maive Rute</a> , Deputy Director-General, DG Joint Research Centre, European Commission > <a href="#">Julia Prikozovits</a> , Head of Sector Interinstitutional Relations, Austrian Federal Ministry of Education, Science and Research > Moderator: <a href="#">Pirita Lindholm</a> , Director, European Regions Research and Innovation Network
12:15	Coffee break
12:30	<b>Panel 2: Thinking big: How large-scale research infrastructures in the Baltic Sea Region benefit from multilateral cooperation</b> > <a href="#">Caterina Biscari</a> , Director, ALBA Synchrotron > <a href="#">Christian Harringa</a> , Administrative Director, Deutsches Elektronen-Synchrotron DESY > <a href="#">Robert Feidenhans'l</a> , Chairman, European XFEL Management Board > <a href="#">Philippe Froissard</a> , Deputy Head of Unit, Research Infrastructure, DG Research and Innovation, European Commission > <a href="#">Marco Kirm</a> , Professor, University of Tartu > Moderator: <a href="#">Fredrik Melander</a> , Head of R&D-Relations, Science Village Scandinavia
13:15	Lunch break

14:00	<b>Elevator Speech: Key findings of the BalticTram Project</b>
14:15	<b>Panel 3: Unlocking innovation potential through industry-research cooperation: how to better link research expertise to concrete industrial needs?</b> <ul style="list-style-type: none"> <li>&gt; <a href="#">Nikolaj Zangenberg</a>, Director, Materials Division, Danish Technological Institute</li> <li>&gt; <a href="#">Tomas Lundqvist</a>, Senior Area Coordinator, RISE Research Institutes of Sweden</li> <li>&gt; <a href="#">Anna Stenstam</a>, CEO, CR Competence AB</li> <li>&gt; <a href="#">Piotr Piwowarczyk</a>, COO, Foundation of Innovative Initiatives, Baltic TRAM partner</li> <li>&gt; Moderator: <a href="#">Maryline Fiaschi</a>, Managing Director, Science   Business</li> </ul>
15:00	<b>Panel 4: Funding schemes for companies (research vouchers and other financial support measures)</b> <ul style="list-style-type: none"> <li>&gt; <a href="#">Jimmy Binderup Andersen</a>, CEO, LINX Association</li> <li>&gt; <a href="#">Marc D’hooge</a>, Senior Innovation Finance Expert, Innovation Finance Advisory, European Investment Bank</li> <li>&gt; <a href="#">Maria Öhman</a>, Programme Director, Industrial Technologies, Vinnova</li> <li>&gt; <a href="#">Anette Järvpöld</a>, Executive of Economic Development Department, Estonian Ministry of Economic Affairs and Communications</li> <li>&gt; <a href="#">Uwe Sassenberg</a>, Project Leader Baltic TRAM, Deutsches Elektronen-Synchrotron DESY</li> <li>&gt; Moderator: <a href="#">Maryline Fiaschi</a>, Managing Director, Science   Business</li> </ul>
15:45	Coffee break
16:00	<b>Panel 5: Turning brain drain into brain circulation in the Baltic Sea Region</b> <ul style="list-style-type: none"> <li>&gt; <a href="#">Christian Müller</a>, Deputy Secretary General, German Academic Exchange Service (DAAD)</li> <li>&gt; <a href="#">Žilvinas Martinaitis</a>, Partner and Research Manager, Visionary Analytics</li> <li>&gt; <a href="#">Bodo Richter</a>, Acting Head of Unit, Marie Skłodowska-Curie Actions, European Commission</li> <li>&gt; <a href="#">Magda de Carli</a>, Head of Unit, Spreading Excellence and Widening Participation, DG Research and Innovation, European Commission</li> <li>&gt; <a href="#">Tomasz Jałukowicz</a>, Chief Expert, Strategy &amp; Analysis Team, Ministry of Science and Higher Education, Poland</li> <li>&gt; Moderator: <a href="#">Charlotte Geerdink</a>, Founder, Charly Speaks</li> </ul>
17:00	Closing Session Followed by Roadshow / Reception / Networking



## EVA GÜMBEL

### DEPUTY MINISTER OF SCIENCE, RESEARCH AND EQUALITIES, FREE AND HANSEATIC CITY OF HAMBURG

Eva Gumbel is the deputy minister of science, research and equalities of the Free and Hanseatic City of Hamburg and state secretary of the ministry since 2015. Prior to this, she was elected as member of the Hamburg Parliament in 2008 and acted as deputy chairwoman of the Green party parliamentary group and later, from 2013 to 2015, spokeswoman for science policy for the Green party parliamentary group. From 2010 to 2013 she also held the position as vice president of the Hamburg Parliament. Gumbel studied German language and literature studies, art history and romance philology and received a doctoral degree at the Goethe University Frankfurt / Main.



## JURGITA PETRAUSKIENĖ

### MINISTER OF EDUCATION AND SCIENCE, LITHUANIA

Jurgita Petrauskienė is the Minister of Education and Science of the Republic of Lithuania. The Minister is a member and expert of various European and Lithuanian education assessment and expert groups. Before her tenure as Minister of Education and Science, Petrauskienė was the head of the Research and Higher Education Monitoring and Analysis Centre (MOSTA) since its inception in 2007. Prior to being the head of MOSTA, Petrauskienė worked for four years at the Agency of International Programmes for Research and Technology Development. Petrauskienė graduated from Vilnius Pedagogical University where she studied English language philology. She later received a MBA from the international business school of Vilnius University.



## SIGNE RATSO

### DEPUTY DIRECTOR-GENERAL, DG RESEARCH AND INNOVATION, EUROPEAN COMMISSION

Signe Ratso is deputy director general at the European Commission's Directorate-General for Research and Innovation. She previously was a director in the Directorate-General for Trade, in charge of general trade strategy for multilateral trade and mutual free trade agreements, as well as trade analysis and various industrial sectors, including energy. From 2007 to 2010, Ratso led a directorate dealing with the WTO and OECD, and the legal aspects of trade policy including WTO trade disputes and agriculture and fisheries. Ratso previously worked as deputy secretary general at the Estonian Ministry of Economic Affairs and Communications.





## CATERINA BISCARI

### DIRECTOR, ALBA SYNCHROTRON

Caterina Biscari is an experimental physicist. Since 2012, she has been the director of the Alba Synchrotron, the 3rd Generation Synchrotron Radiation Facility in Barcelona, Spain. She is also the vice chair of LEAPS, the recently created League of European Accelerator-based Photon Sources. Prior to taking on these roles, Biscari has worked on design, construction and operation of accelerators, participating with key contributions to different projects, at CERN and at the Laboratori Nazionali di Frascati of INFN. Caterina is an EPS Fellow and member of several international advisory committees, among which CERN Scientific Policy Committee.



## JIMMY BINDERUP ANDERSEN

### CEO, LINX (LINKING INDUSTRY TO NEUTRONS & X-RAYS) ASSOCIATION

Jimmy Binderup Andersen is the CEO of LINX (Linking Industry to Neutrons & X-rays) Association in Denmark. Binderup Andersen has a diversified international experience with strategic development of complex high-tech organisations. All his leadership positions over the last three decades have involved technology, science and innovation in a blend with modern leadership principles. Binderup Andersen has 20 years' experience as CEO with full P&L responsibility. He has performed 6 mergers and acquisitions and made 3 successful turnarounds. He was nominated Danish CEO of the year by PWC in 2010 and was awarded the Best Export Company in Denmark in 2012. He has a technical education with a dual engineering degree in electronics and computer science.



## JEAN-PIERRE BOURGUIGNON

### PRESIDENT, EUROPEAN RESEARCH COUNCIL

Jean-Pierre Bourguignon has been the president of the European Research Council since 1 January 2014. From 1994 to 2013 he was the director of the Institute of Advanced Scientific Studies, near Paris, which is the European counterpart to the Institute for Advanced Study in Princeton. Bourguignon was also the first ERC panel chair for starting grants in mathematics. A mathematician by training, he spent his whole career as a fellow of the Centre National de la Recherche Scientifique and held a professor position at École Polytechnique from 1986 to 2012.



## MAGDA DE CARLI

### HEAD OF UNIT, SPREADING EXCELLENCE AND WIDENING PARTICIPATION, DG RESEARCH AND INNOVATION, EUROPEAN COMMISSION

With 20 years' experience in the field of innovation, SMEs and regional matters built both at national and international level (the last 14 years in the European Commission), Magda De Carli is currently head of the unit 'Sharing Excellence – Country Intelligence' in DG Research and Innovation. The unit is in charge of both developing strategies to foster synergies between the R&I framework programmes and European Structural and Investment Funds and to develop actions to bridge the innovation divide. In particular, the unit is responsible for designing the widening actions in Horizon 2020 and under the future sharing excellence part of the future programming Horizon Europe, covering also a new function of country intelligence for the widening countries. Before joining the unit in 2014, Magda was deputy head of unit in charge of R&D policies for SMEs (including the SME instrument).





## MARC D'HOOGHE

### SENIOR INNOVATION FINANCE EXPERT, INNOVATION FINANCE ADVISORY, EUROPEAN INVESTMENT BANK

Marc D'hooge is the senior innovation finance advisor at the European Investment Bank (EIB). D'hooge joined EIB in 1996 and his experience in financing and structuring of European private and public sector projects in the field of research and innovation goes back some 18 years. Closely involved since 2008 in the design and implementation of the innovation financial instruments under FP7 and Horizon 2020 (InnovFin), as well as EFSI, D'hooge joined EIB's Innovation Finance Advisory (IFA) team at the beginning of this year.



## ROBERT FEIDENHANS'L

### CHAIRMAN, EUROPEAN XFEL MANAGEMENT BOARD

Robert Feidenhans'l has been working in the field of X-ray synchrotron radiation and free electron laser nearly all his career and is currently the chairman of European XFEL, where he was previously the managing director. Feidenhans'l started his career as a staff scientist at Risø National Laboratory, where he later became the head of the materials department. In 2005 he became professor at the Niels Bohr Institute at University of Copenhagen, where he was the vice institute leader and later the head of the institute.



## PHILIPPE FROISSARD

### DEPUTY HEAD OF UNIT, RESEARCH INFRASTRUCTURE, EUROPEAN COMMISSION

Philippe Froissard joined DG Research and Innovation at the European Commission in 2000 and has since held several positions in the human potential and international cooperation programmes. His activities included the setting-up of several bilateral and bi-regional policy dialogues on research and innovation between the EU and third countries. Since 2012, he is the deputy head of the research infrastructures unit. His activities include the development and implementation of a strategy for the long-term sustainability of research infrastructures of pan-European interest and its impact on the activities of the framework programme for research and innovation.



## CHRISTIAN HARRINGA

### ADMINISTRATIVE DIRECTOR, DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY

Christian Harringa is the director of administration at Deutsches Elektronen-Synchrotron DESY since 2016. Previously he was the head of administration. Prior to joining DESY, Christian worked for four years as a seconded national expert at the European Commission's directorate-general for competition. Christian initially worked for the Free and Hanseatic City of Hamburg, among other roles, as head of the division responsible for the Hamburg University Hospital and the life sciences and as head of the office at the Hamburg Ministry for Science and Research.



## **TOMASZ JAŁUKOWICZ**

### **CHIEF EXPERT, STRATEGY & ANALYSIS TEAM, MINISTRY OF SCIENCE AND HIGHER EDUCATION, POLAND**

Tomasz Jałukowicz is the chief expert and policy advisor on Baltic Sea Region and Arctic issues at the Polish Ministry of Science and Higher Education. He has been working on innovation policy, talent management and macro-regional strategies since 2013. Jałukowicz has been involved in Baltic Science Network as member of wise-men/women expert and founding group as well as he served as member of International Expert Group for CBSS EuroFaculty.



## **ANETTE JÄRVPÕLD**

### **EXECUTIVE OF ECONOMIC DEVELOPMENT DEPARTMENT, ESTONIAN MINISTRY OF ECONOMIC AFFAIRS AND COMMUNICATIONS**

Anette Järvpõld has worked in the Estonian Ministry of Economic Affairs and Communications for the last 5 years. Her responsibility covers both entrepreneurship and development efforts. Her portfolio also includes the innovation and development voucher scheme applied in Estonia. Järvpõld is currently conducting a mid-term evaluation and has experience and insights on how the transnational component of the vouchers is applied and has worked for Estonia. Järvpõld has created a functioning network of innovation enthusiasts across several ministries in Estonia, who use and spread their knowledge of innovation methodologies and service design to make better services and measures for the end-users.



## **MARCO KIRM**

### **PROFESSOR, UNIVERSITY OF TARTU**

Marco Kirm is a professor of experimental physics at the Institute of Physics at the University of Tartu. Between 2012 and 2017, Kirm was the vice rector for research of the University of Tartu. He was elected to the Latvian Academy of Sciences as a foreign member in 2012, and in 2013 the Presidium of the Baltic Assembly awarded him with the medal of the Baltic Assembly for outstanding activities in promoting cooperation between the Baltic States. Kirm has been organising various international scientific and educational events as chairperson, including: European Science Olympiade EUSO2016; 9th International Conference on Luminescent Detectors and Transformers of Ionizing Radiation – LUMDETR 2015; and most recently FM&NT-2017.



## **TOMAS LUNDQVIST**

### **SENIOR AREA COORDINATOR, RISE RESEARCH INSTITUTES OF SWEDEN**

Tomas Lundqvist is the senior area coordinator at the Research Institutes of Sweden. His position was created to promote direct and indirect use of large-scale research infrastructures by industry. Prior to this post, Lundqvist was the director for life science and industrial relations at the Swedish synchrotron project MAX IV. Lundqvist has dedicated his career towards research infrastructures. He set up the first protein crystallography group in Pharmacia, and he worked at Astra (later AstraZeneca) and built a large structural chemistry center at the research facility in Gothenburg. Lundqvist has served as an industrial representative in various bodies related to the use and the strategic development of synchrotrons and other large-scale facilities, such as Scientific Advisory Committee, European Spallation Source, and the High Energy Photon Source in China.



## ŽILVINAS MARTINAITIS

### PARTNER AND RESEARCH MANAGER, VISIONARY ANALYTICS

Žilvinas Martinaitis is a research manager at Visionary Analytics, a private research institute based in Vilnius. Martinaitis was a lead researcher for a study “Participation of BSR researchers in FPs: obstacles, networks and ways forward”. He has also published on skills formation systems, management of intellectual capital in universities, smart specialisation and related topics.



## CHRISTIAN MÜLLER

### DEPUTY GENERAL SECRETARY, GERMAN ACADEMIC EXCHANGE SERVICE

Christian Müller is the deputy secretary general of the German Academic Exchange Services (DAAD), where he has worked since January 2002. In his current role he oversees both the DAAD Bonn and Berlin office. From 2014 until June 2018, he was the director of the newly created department of strategy at DAAD head office, and he served at DAAD Brazil from 2009 to 2014 as director of the branch office in Rio de Janeiro. Simultaneously, he was the president of the board of the German Center for Science and Innovation, São Paulo. Prior to this appointment, he was head of the division “communication and marketing” at DAAD in Bonn, leading the secretariat of the consortium GATE-Germany. In former years, he has worked as an university lecturer for German language and literature in Portugal (Aveiro) and Brazil (Campinas, Rio de Janeiro).



## MARIA ÖHMAN

### PROGRAMME DIRECTOR, INDUSTRIAL TECHNOLOGIES, VINNOVA

Maria Öhman has been the programme director of the industrial technologies department of Vinnova since 2014. Her focus is on advanced materials and production, and now she is also responsible for a programme which aims to stimulate utilisation of experimental environments such as MAX IV and ESS for Swedish industry. Prior to the position at Vinnova, Öhman spent 15 years within the industrial research institute sector, focusing on collaborative materials research and development. Öhman holds a PhD in chemical engineering.



## PIOTR PIWOWARCZYK

### COO, FOUNDATION OF INNOVATIVE INITIATIVES, BALTIC TRAM PARTNER

Piotr Piwowarczyk is the COO of Foundation of Innovative Initiatives and a partner of Baltic TRAM. He has 15 years’ experience in preparing and implementing Polish and European projects in the area of business-science cooperation leading to product or technology development and has a strong R&D background. He is also the author or co-author of various market-based reports for a variety of clients. Between 2011-2014, Piwowarczyk was directly involved in ScienceLink project. Piwowarczyk holds a M.Eng from the AGH University of Science and Technology in Cracow.





## JULIA PRIKOSZOVITS

### HEAD OF SECTOR, INTER-INSTITUTIONAL RELATIONS, AUSTRIAN FEDERAL MINISTRY OF EDUCATION, SCIENCE AND RESEARCH

Julia Prikoszovits is the head of sector interinstitutional relations, department science and research policy and OECD-research policy at the Federal Ministry of Education, Science and Research in Vienna. In this role, she is in charge of the ministry's relationship with the European Institutions in the context of the European Research Area (ERA), as well as the national development of ERA-policy. As a member of the content team of the Austrian Presidency team in EU-research policy, she is focusing on the negotiation of the Horizon Europe proposal. Prior to joining the Federal Ministry of Education, Science and Research, Prikoszovits was the administrator for the European Parliament, DG Internal Policies, and ITRE-committee secretariat.



## BODO RICHTER

### ACTING HEAD OF UNIT, MARIE SKŁODOWSKA-CURIE ACTIONS, EUROPEAN COMMISSION

Bodo Richter is the acting head of unit for the Marie Skłodowska-Curie Actions (MSCA) at the European Commission, where he has been working since 1997. His main task is to drive the political strategy of the MSCA as well as related aspects in the fields of mobility, training and career development of researchers, and to supervise the Research Executive Agency for all aspects related to the implementation of the MSCA and their legacy. Prior to taking his current assignment, Richter was in charge of international education and training policy development with international organisations and industrialised countries, in particular the EU-U.S. and EU-Canada co-operation agreements as well as the co-operation programmes with Australia and New Zealand.



## MAIVE RUTE

### DEPUTY DIRECTOR-GENERAL, DG JOINT RESEARCH CENTRE, EUROPEAN COMMISSION

Maive Rute is the deputy director-general at DG Joint Research Centre (JRC) of the European Commission. Her responsibilities have spanned from knowledge management to development of JRC organisation and sites in five countries. Prior to joining the JRC, Rute served as director for biotechnology, director for resources in DG Research and Innovation, as well as director for small business and entrepreneurship in DG Enterprise. Before joining the Commission in 2005, Rute was the CEO of KredEx, the Estonian funding body for businesses, innovation, housing and export.



## UWE SASSENBERG

### PROJECT LEADER BALTIC TRAM, DEUTSCHES ELEKTRONEN- SYNCHROTRON DESY

Uwe Sassenberg is currently working at Deutsches Elektronen-Synchrotron DESY in Hamburg as the project leader for SCIENCE LINK and Baltic TRAM. In this role, he focuses on attracting more commercial users in the Baltic Sea area to large-scale radiation research facilities. Sassenberg began his career with a project of chemical and structural characterisation of soft semiconductor surfaces for industry. He has founded his own companies dealing with marketing and business consulting. Several years ago he began to specialise in EU consulting and project management.



## ANNA STENSTAM

### CEO, CR COMPETENCE AB

Anna Stenstam is the co-founder and CEO of CR Competence (CR), an advanced service company with core expertise in colloidal and material sciences. In addition to her role at CR, Stenstam holds membership of one other company board. She is also a member of the external advisory group for NanoLund and a member of the industrial advisory board related to the European synchrotron and neutron research infrastructure. She holds a PhD in physical chemistry from Lund University and has been awarded an honorary doctorate by the faculty of engineering at Lund University for her work promoting collaboration between industry and academia.



## NIKOLAJ ZANGENBERG

### DIRECTOR, MATERIALS DIVISION, DANISH TECHNOLOGICAL INSTITUTE

Nikolaj Zangenberg is the director of the materials division at the Danish Technological Institute. The innovation cross-field between companies and large scale research infrastructures is the focal point of his activities. Zangenberg has been engaged with transnational large scale research infrastructures first at the accelerator-construction company Danfysik A/S; and afterwards, since 2010 at DTI investigating value creation both for supplier companies to and industrial users of research infrastructures. He has a background in material science and magnets/superconductors.



## MARYLINE FIASCHI

### MANAGING DIRECTOR, SCIENCE|BUSINESS

After six years managing EU education programmes with the European Commission, Maryline Fiaschi entered the media business in 2007. She held business development positions at Shanghai Daily and EU affairs media company EurActiv. She joined Science|Business in 2011 where she now leads the company's operations and growth strategy. She is also an external evaluator for several EU higher education and research and innovation programmes. Fiaschi holds degrees from Université La Sorbonne, Università di Bologna and Université de Louvain.



## CHARLOTTE GEERDINK

### FOUNDER, CHARLY SPEAKS

Charlotte Geerdink is the founder of Charly Speaks. She started Charly Speaks as a result of her passion for moderating high level events. Prior to Charly Speaks, Geerdink worked for more than eight years in EU science and innovation area. Today, Geerdink moderates in different areas, from e-government, to personalised medicine and catastrophe protection. She is a Dutch national who is fluent in English, German and have a good command of French.



## PIRITA LINDHOLM

### DIRECTOR, EUROPEAN REGIONS RESEARCH AND INNOVATION NETWORK

Pirita Lindholm is the Director of the European Regions Research and Innovation Network (ERRIN), since September 2017. Lindholm has over 15 years of experience working in several European organisations representing cities and regions in Brussels. Before joining ERRIN, she was the director of Climate Alliance's Brussels Office, where she developed policy recommendations and supervised a team working on European policy, projects, and initiatives such as the Covenant of Mayors. She served as an expert in the European Commission H2020 Advisory Group on Energy (AGE), and actively contributed to the development of the research and innovation agenda. In the past, she also worked for the Council of European Municipalities and Regions (CEMR).



## FREDRIK MELANDER

### HEAD OF R&D-RELATIONS, SCIENCE VILLAGE SCANDINAVIA

Fredrik Melander is the head of R&D-relations at Science Village Scandinavia. In this role, his responsibility include leading the establishment of academic outstations, research institutes and businesses. Prior to joining Science Village Scandinavia, Melander worked as senior advisor to the Danish Ministry of Higher Education and Science.



## Baltic Science Network

The Baltic Science Network (BSN) aims to provide science and research ministries and other key stakeholders of the Baltic Sea Region States in research and science with an overall coordination framework to develop and implement science policy in a macro-regional dimension and to ensure a better representation of macro-regional interests on the EU level.



## Baltic TRAM

Baltic TRAM (Transnational Research Access in the Macroregion) is an international project which seeks to strengthen the relationship between analytical research institutions and business, and links expertise to concrete industrial needs.



## Baltic Gender

The EU-Project Baltic Gender works towards gender equality in the field of Marine Science and Technology. The consortium offers a platform for the exchange of good institutional practices and knowledge transfer in order to promote the implementation or improvement of Gender Equality Plans in the partner institutions.



## BONUS

BONUS, the joint Baltic Sea research and development programme integrates the Baltic Sea System research into a durable, cooperative, interdisciplinary and focused transnational programme in support of the region's sustainable development. As an associate organisation of the policy-led BSN, BONUS lends to the network its experience of multinational marine and maritime research and innovation funding collaboration.



## Baltic Sea Region University Network

Baltic Sea Region University Network — is a Facilitator for Cross-Border Cooperation established in 2000, its main objectives are strengthening collaboration in University Governance, Management and Administration and developing a platform for new ideas, projects and activities



## Baltic University Programme

The Baltic University Programme (BUP) is since 1991 a university network now with about 230 institutes of higher education in 14 countries in the Baltic Sea region. The aim is to enhance strong regional communities within education and research.



## CALIPSOplus

CALIPSOplus is removing access barriers to accelerator-based light sources in Europe and the Middle East. Industry is targeted by our industry office network, strategic programme of visibility and a SME tailor-made support and access programme.



## Deutsches Elektronen-Synchrotron DESY

DESY is a world-leading research centre for accelerator research, particle and astroparticle physics and for photon-science carrying out world-renowned research to solve the major and the most urgent questions of society, science and business.



## EARIV

EARIV is a joint initiative led by a set of transnational Horizon 2020 projects and regional initiatives that promote the opportunities for industry to interact with the European large scale analytical research infrastructures.



## ESS & MAX IV: Cross Border Science and Society-project

ESS & MAX IV: Cross Border Science and Society is an INTERREG project developing the potential of the world-leading research facilities ESS and MAX IV. The goal is to increase the amount of young researchers who can use the facilities, combined with marketing, business involvement etc. 27 partners in Sweden, Denmark and Norway cooperate, including 8 universities, the research facilities, regions, authorities etc.



ESS & MAX IV:  
Cross Border  
Science and Society

## European XFEL

The European XFEL is a new international research facility of superlatives, providing ultrashort and ultrahigh-brilliance X-ray laser flashes that will enable completely new opportunities for science.



## Foundation of Innovative Initiatives

The Foundation of Innovative Initiatives is a dynamic non-profit with an applied R&D profile. Based in Kraków, Poland, we have made it our primary mission to drive product and service innovation using the experience and creativity of the local and national engineering community.



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## GEMS

GEMS is the central user platform operated by Helmholtz-Zentrum Geesthacht dedicated to materials research with neutrons and synchrotron radiation. Instruments are located at DESY in Hamburg and at the MLZ in Garching near Munich.



## Marine Mammals Science Education

To counteract the shortage of specialists in STEM subjects, Marine Mammals aims to increase young people's interest in natural sciences. Nine partners from four Baltic countries develop innovative teaching material and test it with teachers and children.

This project is funded by the Horizon 2020 Framework Programme of the European Union under Grant Agreement no 710708.



## Policy Area Education

PA Education's mission is to strengthen the social dimension of the EU Strategy for the Baltic Sea Region. This Policy Area is also dealing with some central aspects of research policies in the region, such as use of research infrastructure and mobility of researchers.



## The Röntgen-Ångström-Cluster - RÅC

A German-Swedish collaboration promoting research with neutrons and synchrotron radiation in materials science and structural biology. Enabled by a governmental agreement in 2009, the RÅC helps initiating and intensifying R&D at the outstanding large-scale facilities in Germany and Sweden.



## SINE 2020 Industry Consultancy

SINE2020 aims at strengthening the cooperation between industry and European neutron sources. Free of charge, the project offers training and education of industrial researchers and the possibility to perform test measurements at the participating neutron facilities.



## SOLARIS National Synchrotron Radiation Centre

The National Synchrotron Radiation Centre SOLARIS is a national research centre providing scientists with synchrotron light. It functions under the auspices of the Jagiellonian University in Krakow, Poland.





## NOTES

## NOTES



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