



BONUS

SCIENCE FOR A BETTER FUTURE OF THE BALTIC SEA REGION

in Brief

MAY 2017

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EDITORIAL

Toasting at the end of the founding meeting of *BONUS Baltic organisations' network for funding science – European Economic Interest Grouping* on 19 April 2007, from left: Hans-Örjan Nohrstedt, Meelis Sirendi, Juha Sarkio, Kaisa Kononen, Lise Walsted Kristiansen, Domile Lideikyte, Johanna Inkinen.

Our journey through time

by **Kaisa Kononen**, Executive Director, BONUS

Today, when celebrating our 10-year anniversary since establishing the independent legal entity, BONUS Baltic Organisations' Network for Funding Science – European Economic Interest Grouping on 19 April 2007, one might think that BONUS is a miracle: how could this, in the EU scale petite programme - reach a unique status of 'Article 185' (former Article 169) among four other programmes of remarkably larger size, and yet become a success story? No – we do not believe in miracles – BONUS is a result of dedicated work, collaborative spirit and visionary decision-making boosted by timely and favourable policy climate.

Work and fun within the era of ERA-NET

It all started already earlier than ten years ago when managers of a few Baltic Sea oriented programmes – the Finnish BIREME, Swedish MARE and the German Marine Research Programme convened in a seminar in Helsinki in June 2002 and started to talk: 'We have this common marine asset threatened by so many problems and challenges - what could we, the research funders, do together to rescue it?' Only a couple of months later a brilliant idea was handed on a silver platter – the European Union launched a completely new kind of a funding instrument called ERA-NET, which was not directed to researchers, as we had been used to, but to research

funders. ERA-NET was aimed at bringing national research programme owners and funders together to define common research priorities, agree about joint programmes and design ways how to make it work.

Appropriate partners were easy to find from the other Baltic Sea countries, namely Denmark, Estonia, Lithuania, Latvia and Poland. Luckily the Finnish BIREME programme had created contacts with Russian research funders, thus the consortium submitting the ERA-NET proposal included all nine countries surrounding the Baltic Sea as well as the International Council for the Exploration of the Seas. The proposal got the best scores, and the kick-off meeting of BONUS ERA-NET was held in December 2003.

BONUS ERA-NET (2003–2008) was a steep learning curve for all of its partners. It expanded our consciousness about the many ways how our business – research funding and policy – can be organised. It challenged us to find agreeable consensus on how to pool our national funds together for funding jointly prioritised research themes while ensuring the best quality and relevance of the research.

The era of ERA-NET was a lot of work but also a lot of fun. We made songs and poems, and presented our national cultures to each other. This may sound a bit frivolous, but it definitely created a positive 'BONUS spirit' which came to fruition in the following years.

Testing the collaboration

In the middle of BONUS ERA-NET, we were invited by the European Commission to Brussels together with a handful of other programmes/initiatives. The issue was whether BONUS would be a suitable candidate to be implemented under Article 169 of the EC Treaty. At that time we did not have the slightest idea what it meant, but later we learned that it is the most

powerful research funding collaboration format in Europe in terms of integration, and that it needs the highest level of political support by the European Parliament and the Council. The foreseen funding framework was 50 % national money and 50 % matching EU funding for a joint programme, so surely we got interested.

As a test action, BONUS applied for ERA-NET+ funding,



'Side-activities of the Forum of Programme Managers meeting, 17 September 2004, Roskilde, included sailing on a 'viking boat'.

and so 16 BONUS+ projects were implemented with one third of EU and two thirds of national funding during 2009–2011.

An important milestone in this process was the establishment of an independent legal entity, 'BONUS Baltic Organisations' Network for Funding Science EEIG' on 19 April 2007. It is this event's 10th anniversary that we celebrate today.

Good winds were blowing

While we were deeply involved in the EU's research and development sectors' European Research Area (ERA) process, favourable winds were blowing in other EU policy sectors. Within the maritime sector, the European Union launched in 2007 the European Maritime Policy. With increased coordination between different policy areas, it set out to provide a coherent approach to maritime issues. There is no doubt that joint research and innovation activities have a lot to offer to its priority areas, in particular blue growth, marine data & knowledge and maritime spatial planning.

The Marine Strategy Framework Directive was adopted in 2008 and in the Baltic Sea region this directive was translated to HELCOM Baltic Sea Action Plan (BSAP). It was no coincidence that while the leading theme of the BSAP, the 'ecosystem approach to management', was adopted by the Baltic countries environment ministers in October 2007, also the overarching theme of the, almost simultaneously opened BONUS+ call was exactly the same. Similarly the directive on maritime spatial planning, adopted in 2014, opened a huge demand for marine related scientific knowledge.

Within the EU's regional policy sector, based on the initiative from the European Parliament, the EU Strategy for the Baltic Sea Region (EUSBSR) was adopted in 2009. The EUSBSR proved to be an extremely useful platform for cross-sectoral collaboration

for BONUS. A tangible example is the broadening of the scope in the BONUS programme through inclusion of innovation actions, which was made possible through contacts with a EUSBSR flagship project – an innovation funders' network – BSR Stars. This contact opened a win-win opportunity where the BSR Stars found in BONUS good co-operative funding ideas and mechanism while BONUS found in BSR Stars an already existing network of funders interested to join the programme. I believe, that potential for many, yet undiscovered collaborations still exist within this framework. At the moment, four BONUS projects – all of them contributing to safer and cleaner maritime transportation – have been awarded status of EUSBSR flagship projects.

Blood, sweat and tears

Progressing towards Article 169/185 was not as simple as one might think. We, the managers were invited to meetings where we were grilled about the programme's potential impact on climate change, biodiversity, European economy, equality, jobs... anything imaginable that we had not thought about – and most of it much more painful than defending one's doctor's thesis. Also, a lot of lobbying in the corridors of power was needed. We must be thankful to a few powerful supporters and decision makers who had the vision on how BONUS could have an impact, broader even than the Baltic Sea region, and who finally pressed the GO button in the European Commission's machinery.

One day in July 2010, we were finally sitting in front of our internet monitors, having a bottle of champagne waiting in the fridge, and watching when the European Parliament voted 97 % positively for establishing BONUS, the joint Baltic Sea research and development programme, with funding of EUR 100 million.

Implementing a legislative action

Then the real work started. The most difficult task during the 'strategic phase' (2010–2012) was to develop the implementation modalities for the administering the programme along the regulations of the EU's framework programmes. Again, we went to meetings expecting to proceed similarly as we had in the past but this is not, however, the way it went. We were faced by a league of lawyers talking in inconceivable language to us. We were given a pile of legislative documents about financial regulations, rules for participation, audits, actions against fraud, publicity issues and so on. This phase included also a lot of negotiations between different countries and the Commission but in the end we passed the 'ex ante' assessment, signed the implementation agreement with the Commission and were allowed to open the first BONUS call in November 2012.

Establishing appropriate stakeholder platforms was much easier. The strength of the Baltic Sea region is truly in the long history of collaboration within many areas of human activities. We have HELCOM of the environment sector, VASAB of the spatial planners, CBSS of the ministries of foreign affairs, WWF Baltic Ecoregion Programme of citizens, Baltic Development Forum of businesses, Baltic Sea Parliamentary Conference of politicians and many others, and horizontally covering all sectors we have the EU Strategy for the Baltic Sea Region. BONUS has become an equal player in this manifold landscape.

Creating a commonly agreed strategic research agenda was challenging and most rewarding. It was developed in a series of consultation with the stakeholders across the Baltic Sea region: the scientific community, policy makers and funders of research and innovation. A group of dedicated national representatives, the BONUS advocates, commenced their work in each of the eight



ERA-NET Network Steering Committee meeting, 8 December 2008, Brussels, from left to right: Jüri Elken, Jan Thulin, Dace Tirzite, Meelis Sirendi, Reetta Koivisto, Lisa Almesjö, Andris Andrusaitis, Regina Terlecka, Gerd Hubold, Stanislaw Massel, Valery Forbes, Andrzej Tonderski, Kaisa Kononen, Ritva Dammert, Elise Oukka, Hans-Örjan Nohrstedt, Thomas Klinggaard, Thomas Nilsson, Arturas Razinkovas, Joachim Harms and Birute Bukauskaite.

EU (and BONUS) member states around the Baltic Sea, organised national workshops and defined research priorities involving over 700 policymakers and members of the scientific community. The strategic research agenda ended up having 19 themes, which all have been opened in the BONUS calls announced in 2012, 2014 or 2015, and are well covered by the BONUS-funded projects.

What did we learn?

All in all, it has been an interesting journey. It has been a unique opportunity to be part of a process which involves all of the key EU institutions: the Commission with its various directorates and their officials, the Parliament with European politicians and the Council representing the EU member states. At the same time it has been interesting to learn how different national governments are managing their research, development and innovation funding and policies.

The journey was lengthy and included many unexpected twists, up- and downhills. It took almost a decade before the first vision of a joint programme as expressed in the ERA-NET application in 2003 was translated into a fully

operational programme in 2012. However, BONUS witnesses the importance of an inclusive, strategic approach in building a targeted transnational research and innovation programme. The approach requires adequate continuity and endurance of a programme over several years of implementation. This was possible because of the status of BONUS as an Article 185 programme and a true common interest of the member states.

Collaboration with other existing networks/strategies in the Baltic Sea macroregion has been instrumental for the success of BONUS. We have seen that regional seas scale is the one where various sectors' interests match optimally and where the most effective possibilities for cross-sectoral coherence and coordination exist.

The experience we have gained should not benefit only the Baltic Sea region. Instead, as noted by the Commissioner Moedas when visiting the BONUS Steering Committee meeting earlier "BONUS is important for Europe". Indeed, BONUS should be for the benefit of the whole of Europe in helping to manage its regional seas' health and productivity for the future generations. ■

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BONUS is a joint Baltic Sea research and development programme producing knowledge to support development and implementation of regulations, policies and management practices specifically tailored for the Baltic Sea region. It issues calls for competitive proposals

and funds projects of high excellence and relevance based on its strategic research agenda.

BONUS is funded jointly from the national research funding institutions in the eight EU member states around the Baltic Sea and the European Union

by a total of EUR 100 million for the years 2011–2017. Russia participates in BONUS through bilateral agreements.

BONUS EEIG is the legal management organisation of BONUS.
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Notices to the birthday hero

"It is in the essence of science to question the status quo and even enjoy diverging views. On the other hand, policy-making seeks consolidated, at times even simplified scientific advice and daring answers from scientists when there is still plenty of unknown. BONUS combines scientific integrity and interaction with policy-makers in down-to-earth research, benefiting HELCOM work directly. It has been perfect for HELCOM to have its regional science counterpart to cooperate with."



Monika Stankiewicz,
General Secretary, HELCOM

"I am optimistic and very much encouraged by the role of BONUS. Compared to the situation earlier BONUS has surpassed its expectations. BONUS has done very good and specific work and the result is that many people have started to realise how important it is first to have science-based knowledge and the whole picture before making political, social or economic decisions"



Tunne Kelam, Member of the European Parliament, EPP group

"The strengths of BONUS are manifold. The stakeholder and end-user engagement approach in the identification of research needs ensures the science programme responds to both scientific and societal drivers. This trans-national collaboration has resulted in a transparent process for scientific agenda setting, providing a rational basis for the use of science funding, while fostering cooperation between organisations working in the Baltic."



Anne Christine Brusendorff, General Secretary, International Council for the Exploration of the Sea (ICES)

"The work undertaken across the BONUS projects is providing critical input needed to help steer the blue economy in a sustainable direction. BONUS's work through cross disciplinary, multi-partner and transnational projects to provide guidance for questions on how to sustain ecosystem health is crucial in order to effectively address what could be one of the most fundamental challenges of our time."



Pauli Merriman, Director of the WWF Baltic Ecoregion Programme

"Again and again I have been impressed about the enthusiasm and know-how of BONUS project coordinators when they present their projects and projects' results. High interest, commitment and expertise in marine matters are to me the distinguishing characteristics of the discussions I have experienced in the BONUS community."



Eva Rantama, Team Leader, Interreg Baltic Sea Programme

"As the Policy Area Coordinator of PA Ship and co-Policy Area Coordinator of PA Safe, it is our experience – from having had three BONUS projects as Flagships – that BONUS has focused on creating stronger links to other sectors or stakeholders in scientific projects. BONUS has put effort into urging scientific projects to make steps towards other stakeholders, e.g. industry stakeholders and we have seen examples where this work has been fruitful."



Ditte Folke Kikkert Henriksen, Head of Section, The Danish Maritime Authority

"The history of our fruitful collaboration within BONUS goes back in to 2003 when we together explored the newly introduced ERA-NET scheme. Since then in mutual learning we've come a long successful way in supporting joint research activities for the benefit of the Baltic. Being regionally driven and using multilateral approach BONUS provided a unique opportunity to bring together programme owners and managers from the region with clear focus on action addressing the environmental challenges facing the Baltic Sea and beyond."



Yaroslav Sorokotyaga, Division Director, International Relations Department, Russian Foundation for Basic Research

"BONUS – a model bottom-up initiative to advance Baltic Sea region-wide research – a renowned transnational facilitator of science and research cooperation in the Baltic Sea region. Programme's expertise in marine and maritime research has a potential to advance the work of the CBSS Expert Group on Maritime Policy. Likewise, BONUS' engagement in the Baltic Science Network enables the implementation of Sustainable & Prosperous Region, one of the three CBSS long-term priorities."



Ambassador Maira Mora, Director General of the Council of the Baltic Sea States' Secretariat

"Ten years is a remarkable milestone for any organisation. Such a fact is particularly important for BONUS Programme that is having so compound character as not only encouraging scientific community but, what is very important for VASAB - promoting research transdisciplinarity, cross-sectoral interactions and involvement of stakeholders. BONUS contributes to the intensively ongoing maritime spatial planning by providing a science based approaches and tools and striving for sustainable Baltic Sea governance. I look forward to many more fruitful years of cooperation."



Talis Linkaits, Head of Secretariat, Baltic Sea Region, Spatial Planning Initiative VASAB

"If BONUS would not exist, it would have to be invented – As the purpose of the EU Strategy for the Baltic Sea region is to meet the challenges that unite all EU-member countries around the Baltic Sea region, BONUS and the projects it funds play an important role in identifying problems that we face around our fragile Sea and what solutions could be used to solve these problems."



Erja Tikka, The Finnish Baltic Sea Ambassador

"Baltic Sea is as unique as work done by BONUS"

Commissioner Moedas for Research, Science and Innovation, European Commission

Carlos Moedas (middle) surrounded by (from l.) Kaisa Kononen, Monika Stankiewicz, Joachim Harms, Maurice Héral, Mats Svensson and Fritz Köster, BONUS Steering Committee meeting 31 August 2015, Helsinki.



BONUS alumni – 10 years for the Baltic Sea and beyond

Numerous people have been instrumental in moving BONUS forward: members of various BONUS groups, politicians/authorities/officials in national ministries/organisations, and in the EU institutions – and in particular, a huge number of officials in DG Research and innovation who have contributed substantially to BONUS progress. These people, not listed here, know who they are. The members of the Steering Committee, Advisory Board, Forum of the Project Coordinators and the Secretariat are listed below (year of departure in brackets), as are the networks from ERA-NET period. Collectively we express our sincerest thanks to everybody out there – on this list – and many beyond it. THANK YOU.

STEERING COMMITTEE

- 2007 **Birute Bukauskaite** Agency for Science, Innovation and Technology, Lithuania (2010)
Ritva Dammert Academy of Finland (2009)
Juris Dzelme Foundation Higher Education Quality Evaluation Centre, Latvia (2008)
Jüri Elken Estonian Science Foundation / Estonian Research Council (2012)
Erik Fellenius Swedish Environmental Protection Agency (SEPA) (2013)
Valery Forbes Danish Agency for Science, Technology and Innovation (2010)
Joachim Harms Forschungszentrum Jülich Beteiligungsgesellschaft mbH, Germany
Inge Mærkedahl Danish Agency for Science, Technology and Innovation (2007)
Hans-Örjan Nohrstedt Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS) (2011)
Andrzej Tonderski Foundation for the Development of Gdansk University, Poland (2014)
2008 **Maija Bundule** Latvian Academy of Sciences / State Education Development Agency (2015)
2009 **Laura Raaska** Academy of Finland
2010 **Eugenijus Butkus** Research Council of Lithuania (2014)
Fritz Köster Danish Agency for Science, Technology and Innovation / Innovation Fund Denmark
2011 **Leszek Grabarczyk** National Centre for Research and Development, Poland (2016)
Anna Ledin FORMAS, Sweden (2013)
Piotr Skurzynski National Centre for Research and Development, Poland (2011)
2012 **Maria Habicht** Estonian Research Council
Jette Nielsen Danish Agency for Science, Technology and Innovation (2013)
2013 **Lisa Almesjö** FORMAS, Sweden
Mats Svensson Swedish Agency for Marine and Water Management
2014 **Aistė Vilkanauskytė** Research Council of Lithuania
2015 **Linda Klūga-Rajčeviča** Ministry of Education and Science, Latvia
2016 **Aleksander Nawrat** National Centre for Research and Development, Poland

ADVISORY BOARD

- 2008 **Donald Boesch** University of Maryland
Anne Christine Brusendorff HELCOM / International Council for the Exploration of the Sea (ICES)
Olle Hagström European Commission, DG MARE (2010)
Karin Hilmer Pedersen University of Aarhus (2013)
Gerd Hubold ICES (2012)
Johanna Ikävalko Finnish Farmers Association / Baltic Sea Action Group (2012)
Hans-Joerg Isemer BALTEX (2013)
Pauli Merriman WWF Baltic Ecoregion Programme
Kostas Nittis European Science Foundation – Marine Board (2014)
Pauline Snoeijs Leijonmalm Baltic Marine Biologists (2013)
2009 **Dzintra Upmace** Vision and Strategies around the Baltic Sea (VASAB) (2012)
2010 **Siv Ericsson** BalticSTERN Secretariat
Susanne Scherrer Interreg Baltic Sea Region Programme (2013)
Violeta Velikova Black Sea Commission (2011)
2011 **Valeria Abaza** Black Sea Commission (2014)
Kathrine Angell-Hansen Joint Programming Initiative Healthy and Productive Seas and Oceans
Fredrik Wulff University of Stockholm (2014)
Imke Schneemann NORGENTA (2014)
Marcus Reckermann Baltic Earth (formerly known as BALTEX)
Karin Nygård-Skalman BSR Stars (2014)
Markku Ollikainen University of Helsinki
Rikard Korkman BalticDeal / Baltic Farmers Forum on Environment (2014)
Ilkka Herlin Baltic Sea Action Group / Cargotec
2012 **Talis Linkaits** VASAB
Monika Stankiewicz Baltic Marine Environment Protection Commission (HELCOM)
2013 **Eeva Rantama** Interreg Baltic Sea Region Programme
2014 **Irina Makarenko** Black Sea Commission
2015 **Darius Campbell** OSPAR Commission
Tamara Jadczyzyn Institute of Soil Science and Plant Cultivation
Simon Jennings University of East Anglia / ICES
Gilles Lericolais European Marine Board
2016 **Martin Le Tissier** Future Earth Coasts

BONUS ERA-NET NETWORK STEERING COMMITTEE 2004–2008

- 2004 **Hans Eggert** Project Management Organisation Jülich, Germany (2005)
David Griffith ICES (2006)
Juris Jansons Latvian Council of Science (2006)
Anneli Pauli Academy of Finland (2007)
Michał Pietras Ministry of Science and Higher Education, Poland (2005)
Arturas Razinkovas Ministry of Education and Science of the Republic of Lithuania (2008)
Eva Thörnölöf Foundation for Strategic Environmental Research (MISTRA), Sweden (2008)
Maciej Zylicz Ministry of Science and Higher Education, Poland (2005)
Valery Forbes, Jüri Elken, Hans-Örjan Nohrstedt, Erik Fellenius see BONUS Steering Committee above
2005 **Vladimir B. Lapshin** Russian Foundation of Basic Research (2008)
Hans-Ortwin Nalbach Project Management Organisation Jülich, Germany (2006)
Agnieszka Mierzynska Ministry of Science and Higher Education, Poland (2008)
Wojciech Zielinski Ministry of Science and Higher Education, Poland (2005)
2006 **Maija Bundule** see BONUS Steering Committee above
Gerd Hubold see BONUS Advisory Board above
Klaus Schindel Project Management Organisation Jülich, Germany (2008)
Iwona Zukowska Ministry of Science and Higher Education, Poland (2007)
2007 **Ritva Dammert** see BONUS Steering Committee above

COORDINATION at the Academy of Finland 2003-2008

- 2003 **Johanna Argillander** (2005)
Kaisa Kononen
2005 **Johanna Inkinen** (2007)
2007 **Susanna Hyvärinen** (2008)
Reetta Koivisto (2008)

FORUM OF PROJECT COORDINATORS

- 2009 **Jacob Carstensen** National Environmental Research Institute, Aarhus University, Denmark, HYPER (2011)
Joachim Dippner Leibniz Institute for Baltic Sea Research Warnemünde, Germany, AMBER (2011)
Lars Förlin University of Gothenburg, Sweden, BALCOFISH (2011)
Michael Gilek Södertörn University College, Sweden, RISKGOV (2011)
Kerstin Johannesson University of Gothenburg, Sweden, BALGENE (2011)
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Aarno Kotilainen Geological Survey of Finland, INFLOW (2011)
Sakari Kuikka University of Helsinki, Finland, IBAM (2011)
Kari Lehtonen Finnish Environment Institute, BEAST (2011)
Mats Lindegarth University of Gothenburg, Sweden, PREHAB (2011)
Markus Meier Swedish Meteorological and Hydrological Institute, ECOSUPPORT (2011)
Anders Omstedt University of Gothenburg, Sweden, BALTIC-C (2011)
Tarmo Soomere Institute of Cybernetics, Tallinn University of Technology, Estonia, BALTICWAY (2011)
Tapani Vaahoranta Finnish Institute of International Affairs, PROBALT (2009)
Peter Tiselius University of Gothenburg, Sweden, BAZOOCA (2011)
Fredrik Wulff Stockholm University, Sweden, RECOCA (2011)
2010 **Anna Korppoo** Finnish Institute of International Affairs, PROBALT (2010)
2011 **Teija Tiilikainen** Finnish Institute of International Affairs, PROBALT (2011)
2014 **Martin Boettcher** Brockmann Consult GmbH, Germany, FERRYSOPE (2016)
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Mikko Lensu Finnish Meteorological Institute, HARDCORE (2017)
Fredrik Norén IVL Swedish Environmental Research Institute, ZEB (2015)
Henn Ojaveer Estonian Marine Institute of Tartu University, INSPIRE
Heidi Pihlak Tallinn University of Technology, Estonia, GEOILWATCH (2016)
Gregor Rehder Leibniz Institute for Baltic Sea Research Warnemünde, Germany, PINBAL (2017)
Thorsten Reusch Helmholtz Centre for Ocean Research Kiel, Germany, BIO-C3
Lasse Riemann University of Copenhagen, Denmark, BLUEPRINT
Jorma Rytkönen Finnish Environment Institute, SWERA (2016)
Eila Turtola Natural Resources Institute, Finland, PROMISE (2014)
Kari Ylivainio Natural Resources Institute, Finland, PROMISE (2017)
2015 **Michael Gilek** Södertörn University, Sweden, BALSPACE
Berit Hasler Aarhus University, Denmark, GO4BALTIC
Kari Hyytiäinen University of Helsinki, Finland, BALTICAPP
Sakari Kuikka University of Helsinki, Finland, GOHERR
Pentti Kujala Aalto University Foundation, Finland, STORMWINDS
Jana Moldanova IVL Swedish Environmental Research Institute, SHEBA
Gerald Schernewski Leibniz Institute for Baltic Sea Research Warnemünde, Germany, BALTCOAST
Karin Tonderski Linköping University, Sweden, MIRACLE
Hulda Winnes IVL Swedish Environmental Research Institute, ZEB (2017)
2017 **Rudolf Bannasch** EvoLogics GmbH, Germany, SEAMOUNT
Kai Bester Aarhus University, Denmark, CLEANWATER
Per Bovbjerg Pedersen National Institute of Aquatic Resources, Technical University of Denmark, CLEANAQ
Rune Dietz Aarhus University, Denmark, BALTHEALTH
Jens Kjerulf Petersen National Institute of Aquatic Resources, Technical University of Denmark, OPTIMUS
Mathias Middelboe University of Copenhagen, Denmark, FLAVOPHAGE
Laura Uusitalo Finnish Environment Institute, BLUEWEBS

Further coordinators from the BONUS call 2015: Blue Baltic projects will be starting in mid-2017.

SECRETARIAT

- 2007 **Kaisa Kononen** Executive Director
Tiina Launiainen (prev. Tembe) Assistant
Elise Oukka Financial Manager (2012)
2008 **Andris Andrusaitis** Programme Manager
Heini Rosqvist Trainee (2008)
2010 **Sanna Alaranta** Trainee (2010)
Maija Sirola Communications Manager
2011 **Hanna Aho** Trainee (2011)
Sanna Eirtovaara Trainee (2011)
2012 **Senja Laakso** Trainee (2012)
Meelis Sirendi Programme Officer
Minna Ulvila Financial Manager
2013 **Markku Ranta** Innovation Call Manager (2016)
2014 **Pankaj Pant** Trainee (2015)
2015 **Ritva Järvenpää** Assistant (2016)
2016 **Laura Eskelinen** Trainee (2016)

ADVOCATES 2010-2011

- Bodo von Bodungen**, Advocate, Germany
Daina Bojare, Advocate, Latvia
Edgars Bojars, Advocate, Latvia
Erik Fellenius, Advocate, Sweden
Stanislav Massel, Advocate, Poland
Elina Nikkola, Advocate, Finland
Bo Riemann, Advocate, Denmark
Liutauras Stoškus, Advocate, Lithuania
Peeter Tiks, Advocate, Estonia

BONUS ERA-NET ADVISORY BOARD 2004–2008

- 2004 **Mike Depledge** UK Environment Agency (2008)
Philip Newton European Science Foundation – Marine Board (2006)
Iwona Sagan University of Gdansk (2008)
Anne Christine Brusendorff, Donald Boesch, Pauline Snoeijs Leijonmalm, Karin Hilmer Pedersen see BONUS Advisory Board above
2005 **Ewa Wlodarczyk** European Environment Agency (2006)
2006 **Kostas Nittis** see BONUS Advisory Board above
Jon Sutinen University of Rhode Island (2008)

BONUS ERA-NET FORUM OF PROGRAMME MANAGERS 2004–2008

- Academy of Finland: **Tuula Aarnio**
Danish Natural Science Research Council: **Anders Kjaer, Thomas Behrendt Klinggaard, Mette Holm, Anders Odegaard, Søren Them Parnas**
Estonian Science Foundation: **Margit Suuroja** (prev. Enel), **Meelis Sirendi**
FORMAS, Sweden: **Lisa Almesjö, Susanna Pakkasmaa, Katarina Vrede, Ulf Westerlund**
ICES: **Christopher Hopkins, Jan Thulin**
Institute of Oceanology, Polish Academy of Sciences: **Regina Terlecka**
Latvian Council of Science: **Andris Andrusaitis, Anda Ikaunieca, Solvita Strake**
Ministry of Education and Science of the Republic of Lithuania: **Kristina Babelyte, Agne Pozarskaite, Arturas Razinkovas, Ugne Stadnike**
Ministry of Science and Higher Education, Poland: **Stanislav Massel**
MISTRA, Sweden: **Lotta Liljelund, Ulf Westerlund**
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