

SUBMARINER CONFERENCE

# Innovative uses of Baltic marine resources in the light of the EU Strategy for the Baltic Sea Region

GDAŃSK, POLAND | 5–6 SEPTEMBER 2013

CONFERENCE.SUBMARINER-PROJECT.EU



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## Programme Overview

THURSDAY, 5 SEPTEMBER 2013				
08:30	Registration and welcome coffee			
09:30–10:45	<b>Opening plenary session   Jazz Hall</b> <b>Towards a blue bio-based Economy</b> Interventions by the Polish Ministry of Transport, Construction and Maritime Economy; KTH Royal Institute of Technology; DuPont Nutrition & Health; the Ministry of Economic Affairs, Employment, Transport and Technology Schleswig-Holstein.			
10:45–11:15	Coffee break   Oak Hall			
11:15–12:30	<b>Plenary session   Jazz Hall</b> <b>Environmental benefits of and regional perspectives on new marine uses</b> Interventions by the Swedish Ministry of the Environment; HELCOM; the Government of Åland & MTT Agrifood Finland.			
12:30–13:30	<b>Panel discussion   Jazz Hall</b> <b>Innovative uses of Baltic marine resources</b> Discussants: speakers of the morning plenary sessions			
13:30–14:30	Lunch   Oak Hall			
14:30–15:30	<b>Market place of new marine uses   Kameralna Hall</b> Coffee served here			
15:30–17:30	<b>Discussion of the SUBMARINER Network Action Plan in parallel sessions</b>			
	<b>A   Kameralna Hall</b> <b>Baltic Sea resources, monitoring tools and environmental impacts</b>	<b>B   Prasowa Hall</b> <b>Regional energy solutions including the biorefinery concept</b>	<b>B   Jazz Hall</b> <b>Unlocking investments for a bio-based economy</b>	<b>D   Nad Motława Hall</b> <b>Legal regulatory conditions: New Uses and EU directives</b>
18:00–20:00	Dinner reception cruise <b>Onboard the ships “Galeon Lew” and “Czarna Perła”</b>			



FRIDAY, 6 SEPTEMBER 2013				
08:30	Registration and welcome coffee			
09:00–11:00	<b>Discussion of the SUBMARINER Network Action Plan in parallel sessions</b>			
	<b>E   Prasowa Hall</b> <b>Valuation and compensation of ecosystem services</b>	<b>F   Kameralna Hall</b> <b>Technology development and demonstration cases</b>	<b>G   Jazz Hall</b> <b>Future perspectives of blue biotechnology in the Baltic Sea Region</b>	<b>H   Nad Motława Hall</b> <b>Creating markets and public awareness</b>
11:00–11:30	<b>Market place of new marine uses   Kameralna Hall</b> Coffee served here			
11:30–13:15	<b>Closing plenary session   Jazz Hall</b> <b>The SUBMARINER Network as a flagship of the EUSBSR</b> <ul style="list-style-type: none"> <li>The SUBMARINER Roadmap as a contribution to the EU Blue Growth Initiative</li> <li>Panel Discussion: What's the role of the EUSBSR in promoting SUBMARINER activities?</li> <li>Launch of the SUBMARINER Network</li> </ul>			
13:15	Lunch   Oak Hall			



## OPENING PLENARY SESSION

### Towards a blue bio-based economy

Thursday, 5 September 2013 | 09:30–10:45 | Jazz Hall

#### SCOPE OF THE SESSION

As shown throughout the SUBMARINER initiative, the range of products that can be generated from innovative uses of Baltic marine resources is enormous. And equally important: It is matched by growing market demands for i.e. new pharmaceuticals, renewable energy resources, feed and food products. Speeches in the opening plenary session will explore how the policy level views and supports these emerging sectors while also providing an overview on what is already commercial reality today and may be possible in the future.

- **Welcome and opening**  
**Kazimierz Szefler**  
Director, Maritime Institute in Gdańsk, Poland
- **The importance of innovation for the blue economy in Poland**  
**Sławomir Nowak**  
Polish Minister of Transport, Constructaion and Maritime Economy (tbc)
- **Innovative uses of Baltic marine resources – SUBMARINER perspectives**  
**Fredrik Gröndahl**  
Associate Professor, KTH Royal Institute of Technology, Sweden
- **Marine biotech applications in industry – no longer a vision**  
**Udo Friedrich**  
Global Portfolio Leader Technology and Innovation, DuPont Nutrition & Health, Germany
- **“Sea our Future”: The blue economy strategy of Schleswig-Holstein**  
**Hartmut Euler**  
Head of Department, Ministry of Economic Affairs, Employment, Transport and Technology Schleswig-Holstein, Germany

## PLENARY SESSION

### Environmental benefits of and regional perspectives on new marine uses

Thursday, 5 September 2013 | 11:15–12:30 | Jazz Hall

#### SCOPE OF THE SESSION

The sustainable uses of marine resources as assessed by SUBMARINER do not only deliver products, but also provide important environmental benefits such as nutrient recycling and CO<sub>2</sub> emission free energy or products. The challenge is how to attach an economic value to these benefits which allows these uses to turn into financially feasible operations.

- **Protecting and restoring the marine environment – possible win-win approaches and innovations**  
**Anders Alm**  
Head of Unit, Swedish Ministry of the Environment
- **Mussel farming as a complement to fish aquaculture in the Baltic Sea Region – the Åland case**  
**Carina Aaltonen**  
Åland Minister of Environment
- **New marine uses as a contribution to the Baltic Sea Action Plan**  
**Monika Stankiewicz**  
Executive Secretary, HELCOM
- **Attaching a value to ecosystem goods and services within the Baltic Sea**  
**Heini Ahtiainen**  
MTT Agrifood Finland



## PANEL DISCUSSION

### Innovative uses of Baltic marine resources

Thursday, 5 September 2013 | 12:30–13:30 | Jazz Hall

#### SCOPE OF THE SESSION

In this inter-active session the previous speakers will discuss among each other the perspectives and potential deriving from innovative and sustainable uses of marine resources for the Baltic Sea Region and necessary conditions which have to be set by each of the multitude of stakeholders involved. Input shall come from questions collected from the audience. •

## INTRODUCTION

### Discussion of the SUBMARINER Network Action Plan in parallel sessions

The SUBMARINER Roadmap shall serve as the reference document for future initiatives to be supported and undertaken by members of the SUBMARINER Network within the coming years. Based on the findings of the SUBMARINER Compendium as well as the perspectives shown in the SUBMARINER Vision, the Roadmap focuses on key issues that require joint efforts in the Baltic Sea Region in order to enhance blue-green growth in the region while sustaining and maintaining its natural capital.

In total 11 strategic action fields have been identified, all of which are to be coordinated by one or two designated network members.

Each of the parallel sessions will focus on one or two of these strategic action fields. Based on an introductory statement by the session chair on SUBMARINER findings and actions for the given field as well as a range of impulse and background presentations – all participants shall discuss how the various activities should be turned into practice in the future, what is of particular importance, what may need to be added or taken into specific consideration and who should be involved.

The sessions will provide the input for the presentation of the overall SUBMARINER Roadmap in the closing plenary session.

## PARALLEL SESSION A

### Baltic Sea resources, monitoring tools and environmental impacts

Thursday, 5 September 2013 | 15:30–17:30 | Kameralna Hall

#### SCOPE OF THE SESSION

To close identified gaps in data availability on the Baltic Sea's resources, there is a need to carry out systematic mapping and monitoring of these resources. In this session, the following topics shall be discussed: inventory of biological and energy resources; spatial distribution of uses & activities; environmental consequences of using the resources. •

- **Introductory statement and chair of the session**  
Viktoria Voronova  
Tallinn University of Technology, Estonia
- **Environmental assessment of innovative uses of Baltic marine resources**  
Bronwyn Cahill  
INFORMUS GmbH, Germany
- **The title of this contribution is still missing and has to be added**  
Manuel Frias  
HELCOM Secretariat
- **The title of this contribution is still missing and has to be added**  
speaker tbc  
Klaipeda University Coastal Research and Planning Institute (CORPI), Lithuania
- **Mussel aquaculture in inner coastal water bodies of the Baltic Sea – Recent results for biomass and effects on chlorophyll a concentrations**  
Christiane Fenske  
University of Greifswald, Germany

## PARALLEL SESSION B

### Regional energy solutions including the biorefinery concept

Thursday, 5 September 2013 | 15:30–17:30 | Prasowa Hall

#### SCOPE OF THE SESSION

How can marine resources contribute to finding innovative regional energy solutions? What is needed in order to make the biorefinery concept come true? And what are the most promising ways to combine biomass production with environmental remediation of the Baltic Sea?

- **Introductory statements and chairs of the session**  
Pia Bro Christensen  
Green Center, Denmark  
Fredrik Gröndahl  
KTH Royal Institute of Technology, Sweden
- **The title of this contribution is still missing and has to be added**  
Jukka Seppälä  
Finnish Environment Institute – SYKE
- **Increasing the value of our fish landings – what's beyond the fillets?**  
Ingrid Undeland  
Chalmers University of Technology, Sweden
- **The title of this contribution is still missing and has to be added**  
Emma Risén  
KTH Royal Institute of Technology, Sweden
- **Biorefining – a necessary solution worldwide**  
Leo Christensen  
Lolland Energy Holding, Denmark
- **The Danish R&D project: The macroalgae biorefinery**  
Lars Nikolajsen  
Danish Technological Institute

## PARALLEL SESSION C

### Unlocking investments for a bio-based economy

Thursday, 5 September 2013 | 15:30–17:30 | Jazz Hall

#### SCOPE OF THE SESSION

During the session we will present successful business cases who have overcome challenges of financing pioneer ideas as well as financing institutions that are not afraid to support risky businesses. Next to them we will discuss most common obstacles that innovative undertakings face on their way from research to production. Researchers, SMEs and representatives of financing institutions will discuss how to fill the gap between ideas and realization in a full scale.

- **Introductory statement and chair of the Session**  
Joanna Przedzimirska  
Maritime Institute in Gdańsk, Poland
- **How to unlock investments – practitioners' points of view**  
Odd Lindahl  
The Royal Swedish Academy of Sciences  
Kārlis Maulics  
Environmental Development Association, Latvia
- **Perspectives of financial support for investments in bio-economy**  
Ulrike Klose  
Baltic Sea Region Programme 2007–2013  
Ann Häger  
Swedish Institute  
Arne Grove  
Nordic Council of Ministers' Information Office in Kaliningrad

## PARALLEL SESSION D

### Legal regulatory conditions: New uses and EU Directives

Thursday, 5 September 2013 | 15:30–17:30 | Nad Motława Hall

#### SCOPE OF THE SESSION

Which legal and regulatory barriers are hindering the further development of marine uses in the Baltic Sea Region? And which incentives should be established? How can the uncertainty about the legal and regulatory framework be reduced? And do we need a common policy approach throughout the Baltic Sea Region? •

- **Introductory Statement and Chair of the Session**  
[Māris Vītiņš](#)  
Academy of Agricultural and Forestry Sciences of Latvia
- **Water quality and aquaculture: legislative challenges in the Åland islands**  
[Petra Granholm](#)  
Government of Åland
- **Marine aquaculture in Latvia – experience and perspectives**  
[Ilze Rutkovska](#)  
Ministry of Agriculture, Latvia
- **Legal barriers and uncertainties when harvesting reed**  
[Arvo Iital](#)  
Tallinn University of Technology, Estonia
- **Spatial planning for mariculture – SUBMARINER experience**  
[Jacek Zaucha](#)  
Gdańsk University & Maritime Institute in Gdańsk, Poland

### Market place of new marine uses

Thursday, 5 September 2013 | 14:30–15:30 | Kameralna Hall  
Friday, 6 September 2013 | 11:00–11:30 | Kameralna Hall

#### SCOPE OF THE SESSION

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### Dinner reception cruise

Thursday, 5 September 2013 | 18:00–20:00 |  
Onboard the ships “Galeon Lew” and “Czarna Perła”

#### SCOPE OF THE SESSION

A dinner reception will be served on board two historic galleons during a cruise from Gdańsk to Westerplatte and back between 18:00 and 20:00 on Thursday evening (5 September 2013). You will have the opportunity to enjoy the history and monuments of Gdańsk from aboard the ships. The ships will depart from the harbour at Długie Pobrzeże (see map on [p. XYZ](#)). If you have registered for this cruise, you will be given a voucher for the cruise during the registration (5th September) together with all conference material. **The voucher is required for the cruise!!!** Enjoy this unique atmosphere for networking and mingling! •

## PARALLEL SESSION E

### Valuation and compensation of ecosystem services

Friday, 6 September 2013 | 09:00–11:00 | Prasowa Hall

#### SCOPE OF THE SESSION

What is the real value of ecosystem services in the Baltic Sea? What are appropriate compensation mechanisms for using Baltic marine resources in a way which supports ecosystem services, e.g. providing remediation measures against eutrophication? How does the provision of remediation measures relate to policy objectives (e.g. Water Framework Directive, Marine Strategy Framework Directive, HELCOM Baltic Sea Action Plan and Targets and the EU Strategy for the Baltic Sea Region (EUSBSR))

- **Introductory statements and chairs of the session**  
**Janka Clauder**  
Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany  
**Bronwyn Cahill**  
INFORMUS GmbH, Germany
- **Should we compensate for ecosystem services? The policy perspective**  
**Wera Leujak**  
German Federal Environment Agency
- **Policy instrument ecosystem services in the Baltic Sea**  
**Ing-Marie Gren**  
Swedish University of Agricultural Sciences
- **A municipal approach on counteracting Baltic Sea eutrophication and producing clean energy - Wetlands, Algae and Biogas case study in Trelleborg**  
**Matilda Gradin**  
Trelleborg Municipality, Sweden
- **Mussel cultivation as a nutrient reduction measure and linkages to water quality and socio-economic aspects**  
**Nardine Stybel**  
EUCC-D, Germany

## PARALLEL SESSION F

### Technology development and demonstration cases

Friday, 6 September 2013 | 09:00–11:00 | Kameralna Hall

#### SCOPE OF THE SESSION

In this session will focus on innovative technological solutions designed for the specific conditions of the Baltic Sea. Both new approach in technology development and technological barriers to be overcome shall be discussed. A special focus is on the prerequisites for creating more pilot sites and demonstration cases.

- **Introductory statement and chair of the session**  
**Kārlis Maulics**  
Environmental Development Association, Latvia
- **Mussel meal manufacturing using a lysis process**  
**Odd Lindahl**  
The Royal Swedish Academy of Sciences at Kristineberg
- **Upscaling aquaculture operations in offshore environments – challenges and possibilities in Europe**  
**Bela H. Buck**  
Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Germany
- **Large-scale mussel farming and low production cost in the Baltic Sea Region**  
**Mads Anker van Deurs**  
NordShell, Denmark
- **Simplicity in mussel farming under harsh conditions**  
**John Tyrstrup**  
Kingfisher Offshore AB, Sweden
- **Wave energy in the Baltic Sea: innovative small-scale technology development**  
**Nerijus Blažauskas**  
Klaipėda University Coastal Research and Planning Institute (CORPI), Lithuania

## PARALLEL SESSION G

### Future perspectives of blue biotechnology in the Baltic Sea Region

Friday, 6 September 2013 | 09:00–11:00 | Jazz Hall

#### SCOPE OF THE SESSION

Based on the results of the SUBMARINER Compendium, this session will showcase examples of Blue Biotechnology around the Baltic Sea Region. It shall set the stage for the development of joint project ideas for implementing the SUBMARINER Roadmap in the field of Blue Biotechnology.

- **Introductory statements and chairs of the session**  
**Imke Schneemann**  
Norgenta North German Life Science Agency  
**Jutta Wiese**  
GEOMAR – Helmholtz Centre for Ocean Research Kiel, Germany
- **Blue biotechnology of the Baltic cyanobacteria – Cooperation, research and education at the University of Gdańsk**  
**Hanna Mazur-Marce**  
Institute of Oceanography, University of Gdańsk, Poland
- **Sustainable use of cultured seaweed**  
**Jenny Veide Vilg**  
Chalmers University of Technology, Sweden
- **Skin care and protection against MRSA colonization by the application of cyanobacteria microparticles**  
**Gerold Lukowski**  
Institute of Marine Biotechnology e.V., Germany
- **The Fraunhofer Research Institution for Marine Biotechnology (EMB)**  
**Ronny Marquardt**  
Fraunhofer Research Institution for Marine Biotechnology (EMB), Germany
- **The KiWiZ – Centre for Marine Natural Product Research**  
**Antje Labes**  
Centre for Marine Natural Product Research (KiWiZ) at GEOMAR – Helmholtz Centre for Ocean Research Kiel, Germany

## PARALLEL SESSION H

### Creating markets and public awareness for new maritime products

Friday, 6 September 2013 | 09:00–11:00 | Nad Motława Hall

#### SCOPE OF THE SESSION

Samples of new marine products, such as cosmetics, construction and insulation material, feed or fertiliser are the topic of this session. The contributors will present market and public awareness studies and discuss product and place branding strategies.

- **Introductory statement and chair of the session**  
**Angela Schultz-Zehden**  
s.Pro – sustainable projects GmbH, Germany
- **Reed as construction material**  
**Mikhele Ling**  
Muhro OÜ, Estonia
- **oceanBASIS – From idea to product and into the market**  
**Tim Staufenberger**  
oceanBASIS GmbH, Germany
- **From value to price – creating markets for innovative uses of marine resources**  
**Linus Hasselström**  
Envenco Ltd. (tbc), Sweden
- **Branding the Baltic Sea Region as a region of Blue Growth**  
**Marcus Andersson**  
Tendensor AB, Sweden
- **How to create the image of a green region – the example of Lolland**  
**Leo Christensen**  
Lolland Energy Holding, Denmark



## CLOSING PLENARY SESSION

# The SUBMARINER Network as a flagship of the EU Strategy for the Baltic Sea Region

Friday, 6 September 2013 | 11:30–13:15 | Jazz Hall

## THE SUBMARINER ROADMAP AS A CONTRIBUTION TO THE EU BLUE GROWTH INITIATIVE

### SCOPE OF THE SESSION

In its September 2012 communication “Blue Growth : opportunities for marine and maritime sustainable growth” the European Commission has among others identified blue energy, aquaculture, blue biotechnology and coastal tourism as blue growth focus areas. The key note speaker, Mrs. Carla Montesi, will give insights into steps currently undertaken following from this Communication with special focus on the Baltic Sea Region. Further the details of the SUBMARINER Roadmap shall be presented, which shall serve as an important catalyst for turning these blue opportunities into reality.

- **The importance of the EC’s Blue Growth communication for new emerging uses**  
**Carla Montesi**  
Director, DG Mare, European Commission
- **The SUBMARINER Roadmap: The Baltic Sea Region’s response to the EU Blue Growth Initiative**  
**Joanna Przedrzymirska**  
SUBMARINER Lead Partner, Maritime Institute in Gdańsk, Poland
- **Presentation and feedback from the parallel sessions**  
**Chairs of the parallel sessions A–H**

## PANEL DISCUSSION: WHAT’S THE ROLE OF THE EU STRATEGY FOR THE BALTIC SEA REGION IN PROMOTING SUBMARINER ACTIVITIES?

### SCOPE OF THE SESSION

The EU Strategy for the Baltic Sea Region is recognised as an important contributor to the regional implementation of the EU’s Integrated Maritime Policy. The SUBMARINER Network has been approved as a flagship under the Priority Area “Innovation” of the EUSBSR. However, the activities to be promoted by the Network obviously also feed into numerous other priority areas and horizontal actions. In this inter-active session we want to discuss how a good coordination of these activities can be ensured.

- **Carla Montesi**  
Director, DG Mare, European Commission
- **Ulrike Klose**  
Baltic Sea Region Programme 2007–2013
- **Stefan Cairén**  
PAC „Innovation“, Swedish Ministry of Enterprise, Energy and Communications (tbc)
- **Peter Frank**  
ScanBalt
- **Talis Linkaits**  
HAL „Spatial“, Head of VASAB Secretariat
- **speaker tbc**  
PA Agri
- **Arne Grove**  
HAL „Bioeconomy“, Nordic Council of Minister Information Office in Kaliningrad
- **speaker tbc**  
PA Nutri

## LAUNCH OF THE SUBMARINER NETWORK

### SCOPE OF THE SESSION

During the last three years many stakeholders from all Baltic Sea Region countries have expressed an interest to get more strongly involved in future activities aimed towards the promotion of innovative and sustainable uses of marine resources. Thus the decision has been taken to create the SUBMARINER Network as a project independent structure, which acts as the flagship umbrella for all future initiatives described in the SUBMARINER Roadmap. In this closing session the responsible flagship project leaders present details of how the network shall run and how stakeholders can become part of it.

- **Hartmut Euler**  
SUBMARINER Network Flagship Project Leader, Head of Department, Ministry of Economic Affairs, Employment, Transport and Technology Schleswig-Holstein, Germany
- **Thomas Johansson**  
SUBMARINER Network Flagship Project Co-Leader, Swedish Agency for Marine and Water Management

## Speakers' Profiles

### IN ALPHABETICAL ORDER

**Carina Aaltonen** is Minister for Social Affairs and the Environment at the Åland Government.

**Heini Ahtiainen** is a Research Scientist at MTT Agrifood Research Finland. She holds a M.Sc. in Environmental Economics from the University of Helsinki.

**Anders Alm** is Head of Unit at the Swedish Ministry of the Environment and also Sweden's Head of Delegation to HELCOM. He has worked with international marine environmental issues in several organisations including the IOC, CBD, World Bank and the Nordic Investment Bank.

**Marcus Andersson** is Partner at Tendensor, the leading place-branding agency in the Nordics. He has worked for Baltic Development Forum, Swedish Government and European Commission in policy areas such as innovation and green growth.

**Mads Anker van Deurs** is owner of the consultancy company Nordshell. He is specialised in aquaculture farming techniques, biology and environment mainly in blueshell mussels and seaweed.

**Nerijus Blažauskas** is senior researcher of Klaipėda University Coastal Research and Planning Institute. Graduated a PhD degree since 2002 at Vilnius University, natural science, geology.

**Pia Bro Christensen** has not yet submitted her speakers' profile and

should do so as soon as possible. She might also get one more line here - just to be on the safe side.

**Bela H. Buck** is Head of the Working Group Marine Aquaculture, Maritime Technologies and ICZM at Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) as well as Professor for Applied Marine Biology at the University of Applied Sciences Bremerhaven (Germany). He is also the President of the German Aquaculture Association.

**Bronwyn Cahill** is a scientific consultant with Informus GmbH. She holds a PhD in Oceanography from the University of Rhode Island, USA.

**Stefan Cairén** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Leo Christensen** is a Member of the Lolland Municipality City Council. Leo has been working with the sustainable development of the islands of Lolland and Falster, with specific focus on energy, since 1998.

**Janka Clauder** is counsellor to the Federal Ministry of Environment, Nature Protection and Nuclear Safety in Germany. She coordinates and manages co-financed projects within the Baltic Sea Region, among them SUBMARINER. She studied Baltic Management Studies (BBA Hons) and Energy Management (MSc).

**Hartmut Euler** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Christiane Fenske** has not yet submitted her speakers' profile and should do so as soon as possible. She might also get one more line here - just to be on the safe side.

**Peter Frank** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Manuel Frias** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Udo Friedrich** is Global Portfolio Leader for DuPont Nutrition & Health. He holds a PhD in microbiology from the University of Osnabrueck and has received his academic training in Germany, Switzerland and New Zealand. He has significant experience in R&D, new business development and strategy.

**Matilda Gradin** is an environmental strategist at the Department of Sustainable Development, Trelleborg Municipality. She holds a MSc in environmental science from Lund's University.

**Petra Granholm** is working within the Aquabest project and is one of the authors of the aquaculture strategy of the Åland islands. She holds a master of political sciences from Åbo Akademi University, Finland and a master of resource

management from the University of Akureyri, Iceland.

**Ing-Marie Gren** is professor in environmental and resource economics at the Swedish University of Agricultural Sciences in Uppsala, Sweden.

**Fredrik Gröndahl** is an associate professor at Industrial Ecology, KTH Sweden. His research focuses on the sustainable use of Baltic marine resources with a special focus on the use of algae and reed for bioenergy and nutrient uptake.

**Arne Grove** is the Director of the Nordic Council of Ministers' Information office in Kaliningrad since 2006. He is involved in cooperation with Russia since 1989 and since 2002 he is a honorary consul of Denmark in Kaliningrad. Arne holds M.Sc. in environmental chemistry.

**Ann Häger** is Programme Manager at the Baltic Sea Unit, Swedish Institute. She holds a Master in Environmental Studies from Lund University, Sweden.

**Linus Hasselström** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Arvo Iital** is professor at the Department of Environmental Engineering, Tallinn University of Technology. He holds PhD in surface water quality and impact of agriculture from the Tallinn University of Technology, Estonia.

**Thomas Johansson** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here -

just to be on the safe side.

**Ulrike Klose** is a Project Officer at the Joint Technical Secretariat of the Baltic Sea Region Programme. She holds a Master of Science in politics and international studies from the University of Uppsala, Sweden.

**Antje Labes** is senior scientist at the Centre for Marine Natural Product Research (KiWiZ) at GEOMAR – Helmholtz Centre for Ocean Research Kiel, Germany. She holds a PhD in biology.

**Wera Leujak** is scientific advisor for matters concerning the protection of the marine environment at the German Federal Environment Agency in Dessau. She holds a PhD in Marine Biology from University of London.

**Odd Lindahl** is a researcher at the Royal Swedish Academy of Sciences. Odd has a PhD in Ecology at Stockholm University and is Associated Professor in Marine Ecology at Gothenburg University. His special field of expertise is the use of mussel farming as an environmental measure.

**Mikhel Ling** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Talis Linkaits** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Gerold Lukowski** is head of the division nanobiotechnology at the Institute of Marine Biotechnology e.V., Greifswald, Germany. He studied physics and did his PhD

thesis on "Structure and surface of nano- and microparticles".

**Ronny Marquardt** is workgroup leader aquaculture at the Fraunhofer Research Institution for Marine Biotechnology in Lübeck, Germany. He holds a PhD in biology.

**Kārlis Maulics** is chairman of the board of the Environmental Development Association, SUBMARINER Steering Committee member and project partner, Member of Latvian Solar energy association, „Belss” Ltd. development director, BA of Law from the University of Latvia.

**Hanna Mazur-Marzec** is Professor of Earth Sciences at the Institute of Oceanography, University of Gdańsk. She holds DSc in marine chemistry.

**Carla Montesi** has not yet submitted her speakers' profile and should do so as soon as possible. She might also get one more line here - just to be on the safe side.

**Lars Nikolajsen** is a Mechanical Engineer and Head of Section in the Section for Marine Biomass at Danish Technological Institute. He has many years of experience in biomass logistics and in the use of biomass for energy purpose.

**Sławomir Nowak** - Minister of Transport, Construction and Maritime Economy since 2011; graduated from University of Gdańsk, Faculty of International Relations, and Gdynia Maritime University, Faculty of Management.

**Joanna Przedrzymirska** is the head of the Project Management Centre in the Maritime Institute in Gdańsk. Oceanographer from

the background, she has been coordinator of 8 internations projects; she holds an MBA in Strategy, Programme and Project Management.

**Emma Risén** has not yet submitted her speakers' profile and should do so as soon as possible. She might also get one more line here - just to be on the safe side.

**Ilze Rutkovska** is a senior officer with the Fishery Department of the Latvian Ministry of Agriculture. She works on her doctoral thesis about sea trout smoltification at the Latvian University of Agriculture.

**Imke Schneemann** is Project Manager for Marine Biotechnology at Norgenta North German Life Science Agency in Kiel, Germany. She holds a PhD in biology.

**Monika Stankiewicz** is the Executive Secretary of the Baltic Marine Environment Protection Commission (HELCOM) and the head of the international HELCOM Secretariat. Former Professional Secretary of HELCOM for maritime affairs, graduated in Chemistry at the University of Gdańsk, Poland.

**Tim Staufenberger** has not yet submitted his speakers' profile and should do so as soon as possible. He might also get one more line here - just to be on the safe side.

**Nardine Stybel** is the Managing Director of the Coastal Union of Germany (EUCC). She is a marine biologist and PhD candidate at the University of Rostock.

**Kazimierz Szeffler** is Director of the Maritime Institute in Gdańsk (MIG), former head of the Operational Oceanography Department of MIG,

Ph.D. of Geographical Science, Member of Marine Research Committee of Polish Academy of Sciences and the Association of Polish Geomorphologists.

**Ingrid Undeland** is Professor of Food Science at Chalmers University of Technology. Her focus areas are quality changes in fish, particularly oxidation of omega-3 fatty acids, and strategies for increased utilization of marine raw materials for food production.

**Jenny Veide Vilg** is a researcher in the group of Industrial Biotechnology at Chalmers University of Technology, Sweden. She holds a PhD in Bioscience from the department of Food Science, Chalmers.

**Māris Vītiņš**, expert, former director of Latvian Fish Resources Agency, former national delegate from Latvia in the International Council of the Exploration of the Sea (ICES); honorary member of Latvian Academy of Agricultural and Forestry Sciences.

**Viktoria Voronova** has not yet submitted her speakers' profile and should do so as soon as possible. She might also get one more line here - just to be on the safe side.

**Jutta Wiese** is senior scientist at GEOMAR – Helmholtz Centre for Ocean Research Kiel, Germany. She holds a PhD in biology.

**Jacek Zaucha** is professor at Gdańsk University and Maritime Institute in Gdańsk. He is an expert in maritime spatial planning and has led the work on two pilot maritime plans in Poland. He holds PhD of economics from University of Gdańsk.

**PA AGRI???**

**PA NUTRI???**

SPEAKERS LIST CONTINUED IF NEEDED...

## Floor Plan

THE POLISH BALTIC PHILHARMONIC IN GDAŃSK

## Map of Gdańsk



## Practical Information

### VENUE

**The Polish Baltic Philharmonic in Gdańsk**  
 Olowianka Str., 1,  
 80-751 Gdańsk  
 +48 58 320 62 69  
[poczta@filharmonia.gda.pl](mailto:poczta@filharmonia.gda.pl)  
[www.filharmonia.gda.pl/en](http://www.filharmonia.gda.pl/en)

### TRAVEL INFORMATION

#### Lech Wałęsa Airport transfer to city center:

- City bus line:210,  
 Airport – Gdańsk Główny  
 (Railway Station)
- Night bus line:N3,  
 Airport – Gdańsk Główny  
 (Railway Station)
- Taxi price: approx. 70 PLN

### CONTACTS

- Ms. Joanna Przedrzymirska,  
[joaprz@im.gda.pl](mailto:joaprz@im.gda.pl)  
 +48 607 863 588
- Ms. Iwona Rakowska,  
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 +48 507 832 426

### CURRENCY

The official currency of Poland is Polish New Zloty (PLN). One Euro is about 4,2 PLN. There is a cash machine at the airport near the bus stop. At the bus stop you can also buy a bus ticket at the machine.

## Notes

### RECOMMENDED HOTELS

**Mercure Gdańsk Stare Miasto \*\*\*\***  
 Jana Heweliusza 22,  
 80-890 Gdańsk  
 +48 58 3210000  
[H3390@accor.com](mailto:H3390@accor.com)  
[www.mercure.com/gdansk](http://www.mercure.com/gdansk)

**Radisson Blu Hotel \*\*\*\***  
 Długi Targ 19/Powroznicza,  
 80-828 Gdańsk  
 +48 58 325 4444  
[info.gdansk@radissonblu.com](mailto:info.gdansk@radissonblu.com)  
[www.radissonblu.com/hotel-gdansk/contact](http://www.radissonblu.com/hotel-gdansk/contact)

**Gdańsk Hotel \*\*\*\***  
 Szafarnia 9, 80-755 Gdańsk  
 +48 58 300 17 14  
[rezerwacja@hotelgdansk.com.pl](mailto:rezerwacja@hotelgdansk.com.pl)  
<http://hotelgdansk.com.pl>

**Hotel Podewils in Gdańsk \*\*\*\*\***  
 Szafarnia 9, 80-755 Gdańsk  
 +48 58 300 17 14  
[rezerwacja@hotelgdansk.com.pl](mailto:rezerwacja@hotelgdansk.com.pl)  
<http://hotelgdansk.com.pl>

**Novotel Gdańsk Centrum**  
 Pszenna 1, 80-749 Gdańsk  
 +48 58/3002750  
[H0523@accor.com](mailto:H0523@accor.com)  
[www.accorhotels.com/gb/hotel-0523-novotel-gdansk-centrum](http://www.accorhotels.com/gb/hotel-0523-novotel-gdansk-centrum)

**Hotel Grand Cru \*\*\*\***  
 Rycerska 11-12, 80-882 Gdańsk  
 +48 58 77 27 300  
[info@hotelgrandcru.pl](mailto:info@hotelgrandcru.pl)  
[www.hotelgrandcru.pl/](http://www.hotelgrandcru.pl/)

**The Final Conference of the current SUBMARINER project** takes place in the Polish Baltic Philharmonic in Gdańsk, Poland 5– 6 September 2013, under the patronage of the Polish Ministry of Transport, Construction and Maritime Economy. The event brings together high-level policy makers and representatives of companies and research institutions dealing with new marine uses around the Baltic Sea Region. The conference is marked by presentation of the SUBMARINER Roadmap and the official launch of the SUBMARINER Network.

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**Baltic Sea Region**  
Programme 2007–2013



**EUSBSR**  
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SEA REGION