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# ERA-MBT Final Conference: 'Oceans of opportunities'

20-21 November 2017

The Research Council of Norway,  
Oslo



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December 2013 - November 2017





## PROGRAMME

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### Day 1

**Monday, 20 November 2017**

#### Session 1: Achievements from ERA-MBT

*Chair: Steinar Bergseth (Coordinator, The Research Council of Norway)*

13:00 – 15:00 *Deputy Director General Jartrud Steinsli, Norwegian Ministry of Fisheries and Coastal Affairs*

**European marine policies to develop the blue bioeconomy enabled by marine biotechnology**

*Niels Gøtke, Ministry of Higher Education and Science – Denmark*

**ERA-MBT achievements**

*Steinar Bergseth, The Research Council of Norway*

**Impact of the ERA-MBT roadmap and context for the bioeconomy in Europe**

*Dermot Hurst, Marine Institute, Ireland*

**Industry – research interactions**

*Sigurdur Björnsson, RANNIS – The Icelandic Centre for Research*

**Communication as a tool in commercialising MBT knowledge output**

*Torger Børresen, The Research Council of Norway*

Dialogue

15:00 – 15:20 Break

#### The 5 Roadmap themes seen from the outside

*Chair: Dermot Hurst (Marine Institute, Ireland)*

15:20 – 18:30 **Biomass production and processing**  
*Johan Robbens, Flanders research institute for agriculture, fisheries and food*

Case

*Jon Funderud, Seaweed Energy Solutions AS, Norway*

**Exploration of the marine environment**

*Donatella de Pascale, Consiglio Nazionale delle Ricerche, Italy*

Case

*Hulda Hreggvidsdottir, Zymetech ehf, Iceland*

**Product innovation and differentiation**

*Helena Vieira, University of Lisbon, Portugal*

Case

*Hans Kleivdal, Uni Research, Norway*

**Enabling technologies and infrastructure**

*Thibaud Mascart, University of Ghent, Belgium*

Case

*Espen Hansen, The Arctic University of Norway*

**Policy support and stimulation**

*Kathrine A. Hansen, JPI-oceans*

Case

*Ángel E. Muñiz Piniella, European Marine Board*

Group discussions on the 5 themes, and summing up in a facilitated dialogue between a panel and the participants.

18:30                      Mix and mingle + dinner for all at the RCN facilities

**Day 2**

**Tuesday, 21 November 2017**

**Session 2: Status, achievements and views from the funded projects**

**The 2nd Call projects - Biodiscovery (10 min each)**

*Chair: Adrianna Ianora (The International Advisory Group, ERA-MBT)*

8:30 – 9:30              **BlueShell** - Exploring Shellfish By-products as sources of Blue Bioactivities  
*Katleen Raes, Ghent University*

**BLUETEETH** - Marine Origin Biopolymers as Innovative Building Blocks from the Sea for the Development of Bioresorbable Multilayered Membranes for Guided Bone Regeneration  
*Håvard Jostein Haugen, University of Oslo*

**CYANOBEESITY** - Cyanobacteria as a source of bioactive compounds with effects on obesity and obesity-related co-morbidities  
*Ralph Urbatzka, CIIMAR - Interdisciplinary Center of Marine and Environmental Research*

**MARPLAST** - Marine microorganisms for bioplastics production  
*Hilde Hansen, University of Tromsø - the Arctic University of Norway*

**Novofeed** - Novel feed ingredients from sustainable sources  
*Fiona Provan, International Research Institute of Stavanger*

Dialogue & QA

### The 3rd Call projects – Metagenomics (5 min each)

Chair: Alan Dobson (*The International Advisory Group, ERA-MBT*)

- 9:30 – 10:10
- MarBioTech** - Advanced Marine Biotechnology toolbox for accessing the uncultivated marine microbial biodiversity and its novel biomolecules  
*Wolfgang Streit, University of Hamburg*
- ProBone** - New tools for prospecting the marine bone-degrading microbiome for new enzymes  
*Gro Elin Kjærang Bjerga, Uni Research*
- PROMiSE** - Protist Metabolome Screening  
*Tilmann Harder, Alfred Wegener Institut, Helmholtz Zentrum für Polar und Meeresforschung*
- DIVE-IT** - Droplet In-Vitro transcription/translation Enzyme Identification  
*Josef Sperl, Technical University of Munich*
- META-MINE** - Mining the microbiomes from marine wood-digesting bivalves for novel lignocellulose depolymerizing enzymes  
*Bjørn Altermark, The Arctic University of Norway*
- Dialogue & QA

10:10 – 10:30 **Break**

### The 1st Call projects – Biorefinery processes (20 min each)

Chair: Torger Børresen (*The Research Council of Norway*)

- 10:30 – 12:45
- ThermoFactories** - Thermophilic cell factories for efficient conversion of brown algae biomass to high-value chemicals  
*Trygve Brautaset, Norwegian University of Science and Technology*
- MARBioFEED** - Enhanced biorefining methods for the production of marine biotoxins and microalgae fish feed  
*Jane Kilcoyne, Marine Institute*
- Mar3Bio** - Biorefinery and biotechnological exploitation of marine biomasses  
*Håvard Seletta, SINTEF Materials and Chemistry*
- MicroMBT** - Discovery and training of microbial biocatalysts for biomass conversion using moving bed technology (MBT)  
*Peik Haugen, UiT-The Arctic University of Norway*
- NEPTUNA** - Novel Extraction Processes for multiple high-value compounds from selected Algal source materials  
*Dagmar Stengel, National University of Ireland Galway*
- SeaRefinery** - The Seaweed Biorefinery – for high value added products  
*Wolfgang Stelte, Danish Technological Institute*
- Dialogue & QA

12:45 – 13:30 **Lunch**

**Session 3: Marine biotechnology – a continued enabler in a blue bioeconomy setting**

*Chair: Steinar Bergseth (Coordinator, The Research Council of Norway)*

13:30 – 14:45

**What's in it for a marine region? A voice from the Baltic**

*Deniz Tasdemir, GEOMAR Centre for Marine Biotechnology, Germany*

**The importance of marine regions, as seen from a Swedish partner**

*Jessica Hjerpe Olausson, Västra Götaland Region, Sweden*

**SME challenges**

*Ernst Kloosterman, International Advisory Group, ERA-MBT*

**Marine infrastructures in Europe (EMBRC & EMBRIC)**

*Adrianna Ianora, Stazione Zoologica Anton Dohrn, Italy*

Dialogue and QA

14:45 – 15:00

Break

15:00 – 16:00

**Blue Growth and relevant H2020 activities**

*Øystein Rønning, The Research Council of Norway*

**Presentation of the announced ERA-NET Cofund Blue Bioeconomy**

*Kristin E. Thorud, Coordinator, The Research Council of Norway*

Dialogue and QA

**Final words**

*Research Manager Håvard Sletta, SINTEF Biotechnology and Nanomedicine, Norway*

## PARTICIPANTS

*This participant list has been composed on 17 November 2017. Any registration after this date, has not been inserted in this list.*

Aasen Inga Marie	SINTEF, Norway
Akintoye Muyiwa	Quorn Foods, UK
Altermark Bjørn	UiT - The Arctic University of Norway, Norway
Angell-Hansen Kathrine	JPI Oceans, Belgium
Arlov Øystein	SINTEF Biotechnology and Nanomedicine, Norway
Assheuer Thomas	Project Management Juelich, Germany
Bergseth Steinar	The Research Council of Norway, Norway
Bjerga Gro	Uni Research AS, Norway
Björnsson Sigurdur	The Icelandic Centre for Research, Iceland
Børresen Torger	ERA-NET MarineBiotech, Denmark
Brautaset Trygve	NTNU, Norway
Chacón Esther	State Research Agency-Ministry of Economy, Industry and Competitiveness, Spain
Cristobal Susana	Linköping University, Sweden
Danckaerts Elien	Flanders' FOOD, Belgium
De la Calle Fernando	PharmaMar, Spain
de Pascale Donatella	Institute of Protein Biochemistry, National Research Council, Italy
De Raedemaeker Fien	Flanders Marine Institute, Belgium
Denaro Renata	Institute for Coastal Marine Environment CNR, Italy
Devriese Lisa	Flanders Marine Institute, Belgium
Dobson Alan	University College Cork, Ireland
Einarsson Hjörleifur	University of Akureyri, Iceland
Erlendsson Lýður Skúli	RANNIS, Iceland
Fronth Nyhus PA	MMS, Norway
Funderud Jon	Seaweed Energy Solutions AS, Norway
Geirsdóttir Margrét	Matís ohf, Iceland
Goksøyr Anders	University of Bergen, Norway
Gøtke Niels	Danish Agency for Science and Higher Education, Denmark
Hansen Torfinn	UiT - The Arctic University of Norway, Norway
Hansen Hilde	UiT - The Arctic University of Norway, Norway
Hansen Espen	UiT - The Arctic University of Norway, Norway
Harder Tilmann	Alfred Wegener Institute for Polar Marine Research, Germany
Haugen Peik	UiT - The Arctic University of Norway, Norway
Haugen Håvard J	Department of Biomaterials, University of Oslo, Norway
Haukeland Caroline	Polar Algae, Norway
Hjerpe Olausson Jessica	Region Västra Götaland, Sweden
Hov-Gylthe Tina Rebecca	The Research Council of Norway, Norway
Hreggvidsdóttir Hulda	Zymetech, Iceland
Hurst Dermot	Marine Institute, Ireland

Ianora Adrianna	Stazione Zoologica Anton Dohrn, Italy
Jakobsen Greta	Marinova, Denmark
Kandziora Jella	Projektträger Jülich, Germany
Kilcoyne Jane	Marine Institute, Ireland
Kleivdal Hans	Uni Research, Norway
Kloosterman Ernst	Biotech North, Norway
Kobrin Irina	Project Management Juelich, Germany
Mascart Thibaud	Ghent University, Belgium
Muñiz Piniella Ángel	European Marine Board, Belgium
Neyts Alexandra	Norwegian University of Science and Technology, NTNU Oceans, Norway
Nilsen Mari Mæland	International Research Institute of Stavanger, Norway
Norton Marta	Fundação para a Ciência e Tecnologia, Portugal
Pierechod Marcin	The Arctic University of Norway, Norway
Porter Keegan	AquaTT, Ireland
Provan Fiona	International Research Institute of Stavanger, Norway
Raes Katleen	Ghent University, Belgium
Robbens Johan	Institute for Agricultural and Fisheries Research, Belgium
Rønning Øystein	Research Council of Norway, Norway
Rydberg Ellen	Regional Västra Götaland, Sweden
Samdal Ingunn A.	Norwegian Veterinary Institute, Norway
Sanz Victoria	Ministry of Economy, Industry and Competitiveness - third party: FECYT, Spain
Sletta Håvard	SINTEF Materials and Chemistry, Norway
Smalås Arne O.	UiT - the Arctic University of Norway, Norway
Sperl Josef	TU Munich, Germany
Steinsli Jartrud	Norwegian Ministry of Fisheries and Coastal Affairs, Norway
Stelte Wolfgang	Danish Technological Institute, Denmark
Stengel Dagmar	National University of Ireland Galway, Ireland
Streit Wolfgang	Universität Hamburg, Germany
Svenson Johan	RISE Research Institutes of Sweden, Sweden
Tasdemir Deniz	GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany
Thorud Krisitn E.	The Research Council of Norway, Norway
Urbatzka Ralph	CIIMAR, Centre of Marine and Environmental Research, Portugal
Van Den Bossche Tim	VIB - Ghent University, Belgium
Vang Birthe	Nofima, Norway
Vieira Helena	University of Lisbon, Portugal
Whitaker Ragnhild	Nofima, Norway









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