

BONUS EEIG¹ representing nine research funding agencies around the Baltic Sea, the Finnish Funding Agency for Technology and Innovation (TEKES)² and European Space Agency (ESA)³ are inviting you to a

Workshop for
Information and Communication Technology Services for
Environment, Safety and Security in the Baltic Sea
12.4.2010
Exhibition and Convention Centre in Helsinki, Finland
Webcast available on the internet

The aim of the workshop is to initiate discussion on the Research and Technology Development (RTD) topics to be eventually addressed in the joint calls in the future. It is anticipated that such calls, and the multinational projects emerging from them, will be co-funded by the basic research financiers grouped under the BONUS EEIG, the European Commission and the agencies supporting technological innovation.

The anticipated outcome of the workshop is a roadmap including thematic specification of the future joint calls and their financing perspectives.

This workshop is especially useful for enterprises, present and future end-users, scientists and financing organizations dealing with the topic areas and who are willing to contribute to the discussion. Please see the more detailed Workshop Agenda attached to this invitation.

Registration

Register to the workshop by *March 31, 2010* via the following link:

<https://www.registerforevent.net/Register/Pages/Enter.aspx?en=ICTvesi2010&ep=ictvesi2010>

In the registration, you also need to *subscribe to one of the three parallel sessions in the afternoon*. The event is free of charge.

Live webcast will be available for participants not being able to be on-the-spot. *Registration is also required in order to get access to the live webcast*. Please note, that either session 1 or 2 in the afternoon will be webcasted (the webcasted session will be chosen based on amount of subscribers).

Additional information

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Venue - The Helsinki Exhibition and Convention Centre

Address: Messuaukio 1, 00520 Helsinki, Finland - please use Hotel Holiday Inn entrance).

Location and travel information: http://www.finnexpo.fi/default.asp?code_language=en

1) **BONUS EEIG** (<http://www.bonusportal.org>): BONUS EEIG is the implementing body of BONUS-169, the Joint Baltic Sea Research Programme. BONUS-169 is funded jointly by the EU and all members and associated members of the EEIG as well as other donors during 2010-2016, with anticipated funding volume of about 100 million euro. During the coming year BONUS-169 will elaborate its Strategic Research Agenda, the document that will shape the joint calls for research proposals to be implemented starting from 2011. BONUS EEIG sees this Workshop as a crucial step towards involving the research supporting ICT services for environmental monitoring, safety and security into the Strategic Research Agenda, and attracting additional RTD funding agencies as partners of the joint calls.

2) **Tekes** (<http://www.tekes.fi/eng/>): Tekes is the most important publicly funded expert organisation for financing research, development and innovation in Finland.

3) **ESA** (<http://www.esa.int/>): ESA's purpose is provide for, and to promote, for exclusively peaceful purposes, cooperation among European States in space research and technology and their space applications.

ESA IAP Integrated Applications Promotion programme (<http://iap.esa.int/what-is-iap>) seeks new applications and services through the integration of space technology with the terrestrial assets. Here, the interest of ESA is to study further the user needs and to better connect potential users and space based services suppliers.

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Workshop Agenda

8:30 Registration

Chairman: Juri Elken, Director of the Marine Systems Institute, Tallinn University of Technology, Chair of BONUS EEIG

9:00 Opening of the event (Tekes + BONUS)

9:10 User driven space applications for the Baltic area region - Relevant examples
Mancini Pierluigi, Head of the Awareness Activities and Feasibility Studies Division, ESA
➤ Modus operandi of ESA telecommunication and integrated application programme.

10:00 EMODNET - from observation to information
Hans Dahlin, EMODNET expert group and Executive Director of EuroGOOS, Sweden

10:30 Break – coffee/snack buffet

11:00 Needs on Safety and Security sector
➤ ICT services for safety and environmental management at sea and port
Ulla Tapaninen, Kotka Maritime Research Centre
➤ Ice service - *Ari Seinä, Finnish Meteorological Institute*

11:40 Needs on Environmental monitoring sector
➤ Future trends in radar monitoring - *Pekka Sjöman, DA-Design*
➤ Oil spill response and Integrated coastal surveillance systems
Juhani Laukkanen, Furuno Finland Oy
➤ The Baltic Sea – Challenges for international cooperation
Mari Walls, Finnish Environment Institute/Marine Research Centre

12:40 Lunch

13:30 Parallel Workshop Sessions (*coffee/snack buffet during the sessions*)

1. Workshop on safety and security sector - *Moderator: N.N.*
➤ Maritime Business Intelligence – Challenges in Proactively Identifying Threats and Initiating Preventive Actions in a Multinational Maritime Environment
Ulrik Høy-Petersen, Systematic Software Engineering A/S, Denmark
➤ Identification of sector topics and recommendations for future calls
2. Workshop on environmental monitoring sector - *Moderator: N.N.*
➤ Monitoring Baltic Sea eutrophication from space
Prof Susanne Kratzer, University of Stockholm, Sweden
➤ Identification of sector topics and recommendations for future calls
3. Workshop on funding cooperation – reaching out a draft for a funding roadmap
- *Moderator: Tuomo Suortti, Tekes*
➤ Tekes / BONUS presentation about ideas for funding roadmap
➤ Finding the funding scheme for the planned call between the partners

15:30 Conclusion of the workshop
➤ Workshop sessions 1&2: presentation the conclusions for potential call themes
➤ Workshop session 3: presentation of the draft funding roadmap

16:15 Closing words (Tekes)

16:30 End of the day