



# BONUS

SCIENCE FOR A BETTER FUTURE OF THE BALTIC SEA REGION



**BONUS calls  
2011 -2017**





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(2004-2008)

**BONUS**  
**ERA-NET**

Developing preconditions for a joint BS research programme

ERANET

(2007-2011)

**BONUS+**

Implementing a joint call to test mechanisms of collaboration among the national funding institutions

ERANET Plus

(2010-2011)

**BONUS**  
**Strategic Phase**

Strategic research agenda 2011-2017 and implementation modalities development

(2012 -2016 ->)

**BONUS**  
**Implementation Phase**

Durable collaborative programme of the Baltic Sea states. Joint calls, deeper integration of research policies, infrastructures, training programmes, end-user focussed dissemination

Article 185



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## Strategic research agenda & calls



- BONUS strategic research agenda 2011-2017  
[www.bonusportal.org/sra](http://www.bonusportal.org/sra) is the basis for all the calls
- 2011-2017 = 1st call opens on 1 December 2011, the last projects funded from the 2010-2016 programme will finish end of 2017
- Jointly developed agenda with scientists, policy makers and funders across the region: online consultation in summer 2010, BONUS Forum, strategic orientation workshop, external reviews, sign-off by the Steering Committee on 31 August 2011
- Next review in spring 2013; the 2<sup>nd</sup> strategic orientation workshop



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## Emphasis of the research agenda



- **Ecosystem approach** – both marine and coastal aspects
- **Interdisciplinary** – incl. natural sciences, socio-economics
- **Transnational** – region-wide, cross-national approach
- **Fit-for-purpose** – demand for the research in the society, region
- **Policy-driven** – improvement and/or enhancement of the effectiveness of relevant policies
- **Stakeholder and end-user focussed** - integral part of the agenda, take up and use of the project results by end-users according to planned knowledge transfer measures

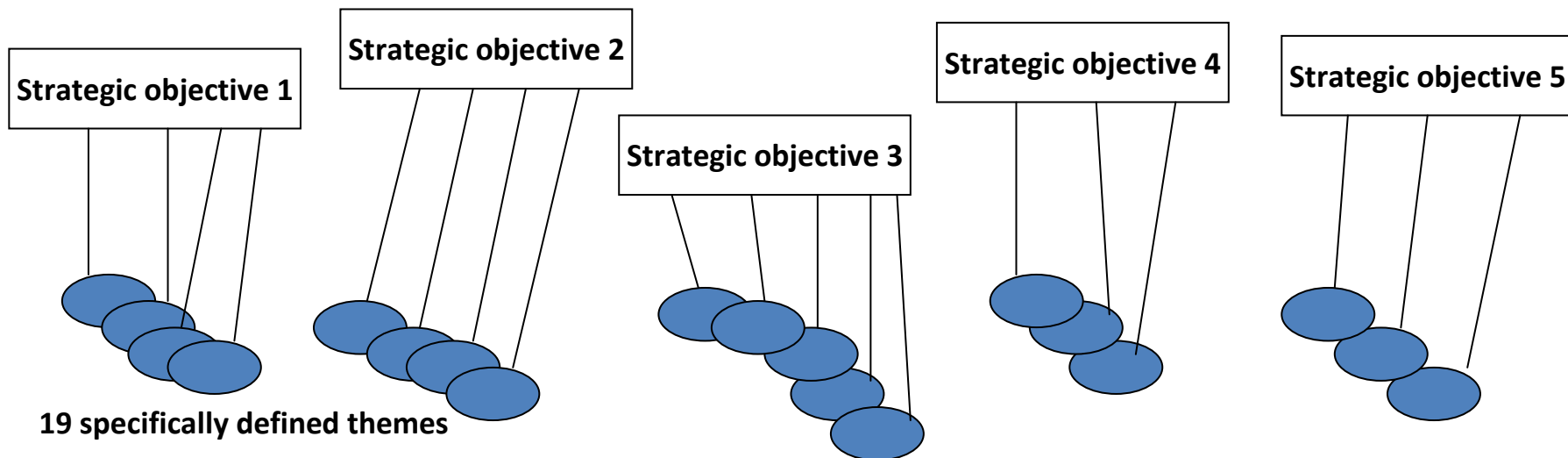




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## Structure of the research agenda



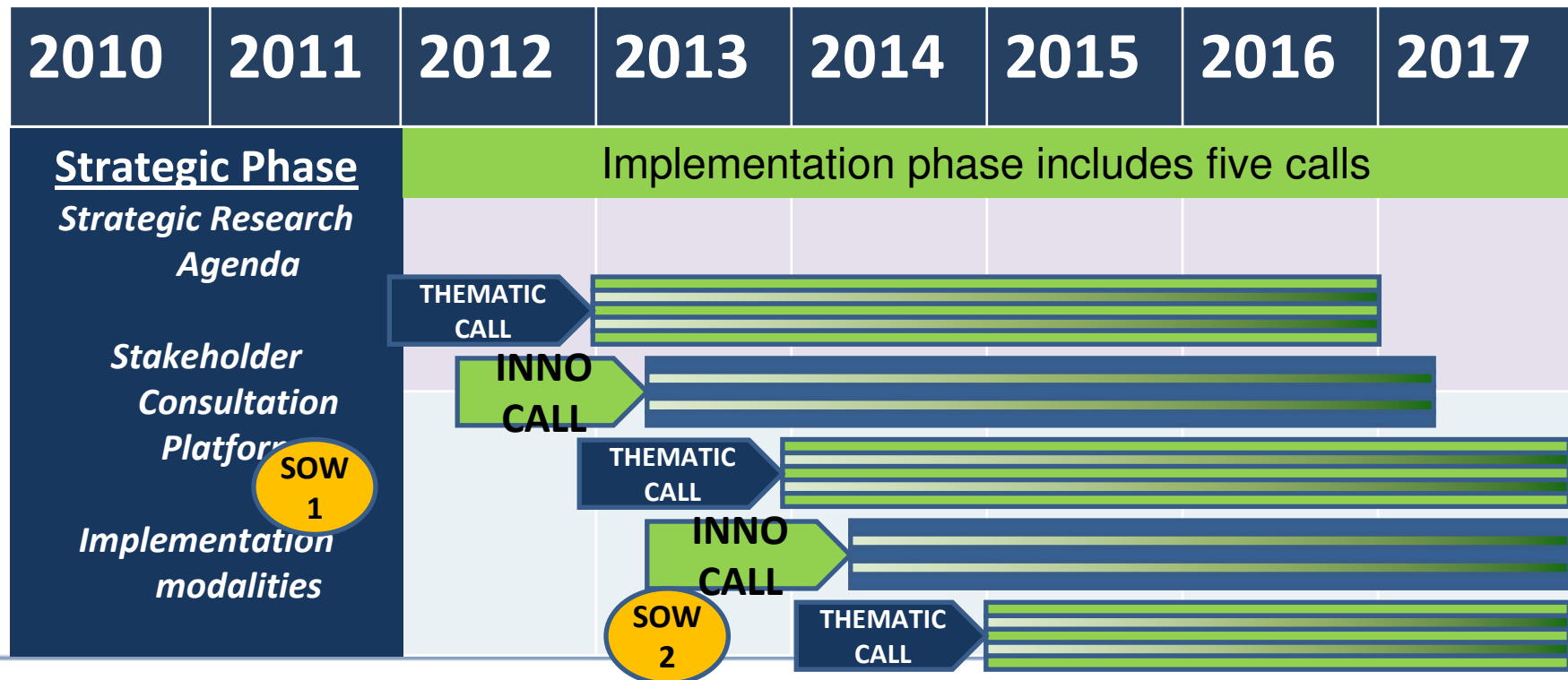
1. Understanding the Baltic Sea ecosystem structure and functioning
2. Meeting the multifaceted challenges in linking the Baltic Sea with its coast and catchment area
3. Enhancing sustainable use of coastal and marine goods and services of the Baltic Sea
4. Improving the capabilities of the society to respond to the current and future challenges directed to the Baltic Sea region
5. Developing improved and innovative observation and data management systems, tools and methodologies for marine information needs in the Baltic Sea region



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## BONUS calls 2011-2017





BONUS research themes	Calls				
	Thematic 2011	Innovation 2012	Thematic 2012	Innovation 2013	Thematic 2013
1.1. Dynamics of biogeochemical processes	●				
1.2. Changing biodiversity	●				
1.3. Food web structure and dynamics	●				
1.4. Impacts of hazardous substances	●				
2.1. Changes in catchment land cover patterns	●				
2.2. The role of the coastal systems	●				
2.3. Integrated coastal management			●		
2.4. Eco-technological approaches		●		●	
3.1. Maritime risk analysis and management			●		
3.2. Effects of air and water pollution by shipping			●		
3.3. Improving stock assessments spatial heterogeneity of stocks	●				
3.4. Evaluation framework for fisheries management	●				
3.5. Sustainable aquaculture in the Baltic Sea				●	
4.1. Governance structures, performance and policy instruments	●		●		
4.2. Linking ecosystem goods and services to human lifestyles and well-being			●		
4.3. Maritime spatial planning			●		
5.1. Integrated monitoring programmes	●				
5.2. Innovative measurement techniques		●		●	
5.3. User-driven ICT services		●		●	

Themes for thematic call 2013 will be confirmed after the review of the agenda in spring 2013



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## BONUS thematic call 2011



- Opens on 1 December 2011
- Duration: Start latest by January 2013 to finish latest by the end of 2016
- Research proposals addressing all call themes will be evaluated by one panel and eventually ranked into one list
- Each proposal will be requested to identify one leading theme and two to four supplementary themes from those opened for this call
- Budget: up to EUR 40 000 000, 40% of the funds available for all calls



**The BONUS thematic call 2011 will include the following from the SRA:**

- **Themes 1.1, 1.2, 1.3, 1.4**, i.e. all four themes addressing strategic objective 1 'Understanding the Baltic Sea ecosystem structure and functioning'
- **Themes 2.1 and 2.2**, as most of the pressures to marine ecosystem originate from the catchment while the coastal systems serve as primary recipients and transformers of these pressures
- **Themes 3.3 and 3.4**, as 'ecosystem approach to fisheries' is based on understanding the ecosystem structure and functioning and biodiversity controls.
- **Theme 5.1**, as developing the science basis of monitoring is a logical element for inclusion since themes of strategic objectives 1 and 3 address quantification of Marine Strategy Framework Directive's good environmental status descriptors
- **Theme 4.1**, as this will allow incorporating the governance and policy issues into broad multi-disciplinary research proposals, as well as to design research proposals with societal responses and driving forces as the central subject



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## Pre-registration for the 1st call



- Deadline 31 January 2012
- Project coordinator makes the preregistration in BONUS EPSS (Electronic Proposal Submission System)
- Content
  - Name of the proposal
  - Short abstract
  - Participants
    - Change of participants after the preregistration is possible only through negotiations with the BONUS Secretariat

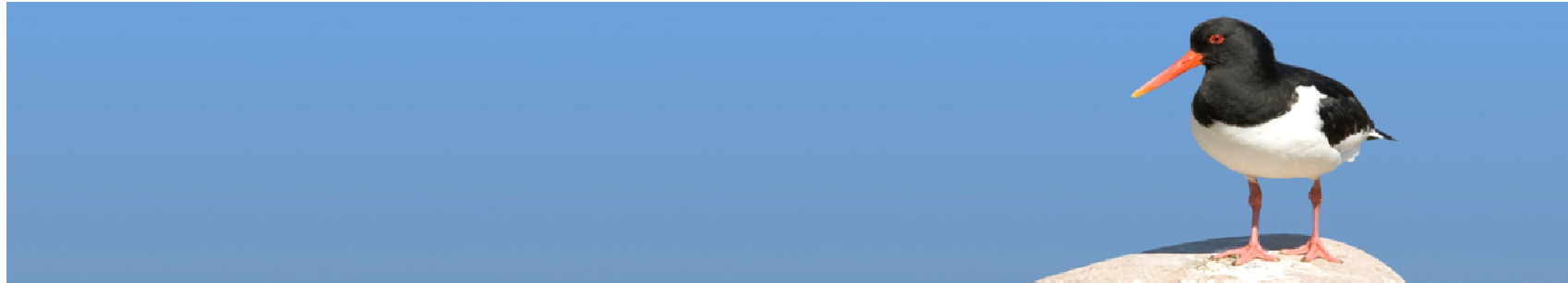




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## Why pre-registration?



- Eligibility of participants is secured on the national level
  - Possibility to change participants – negotiations between the national funder, the BONUS Secretariat and project coordinator
  - Possibility to negotiate an appropriate national funder
- Broad enough expertise of the evaluation panel is secured



Consists of two parts:

- Part A:
  - General description of the proposal
  - Participants
  - Total budget
  - Research plan as a PDF-file
- Part B:
  - Participants' descriptions
  - Participants' budgets
  - Members of the research groups
  - Commitments of the participant institute and principal scientist as a PDF-file

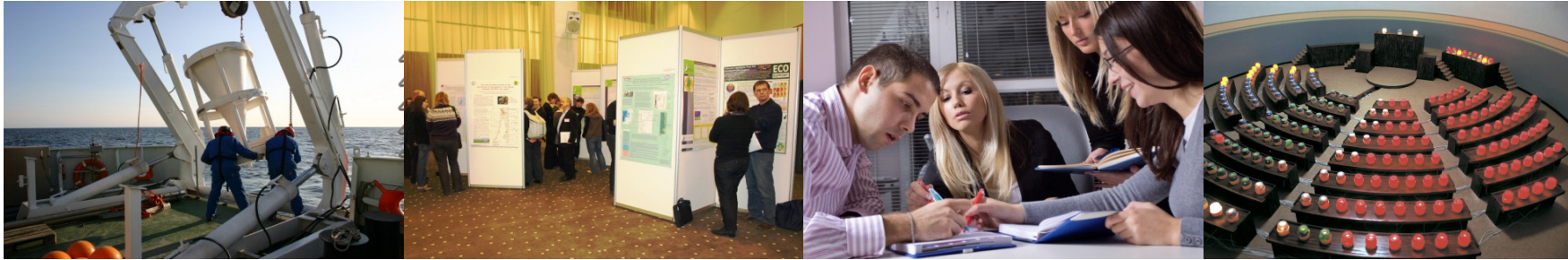




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## BONUS proposal



- Maximum funding per project EUR 4 000 000
- Maximum duration 4 years
- In addition to actual research work, the proposal may include actions which support the programme and/or create added value, e.g:
  - Researcher training, summer school
  - Syntheses, books etc.
  - Workshops, conferences...
- Has to be submitted electronically in BONUS EPSS (Electronic Proposal Submission System)



- Proposal has been preregistered by 31.1.2012
- Proposal has been submitted by 29.2.2012
- Participants are at least from three EU member states or countries associated to EU 7<sup>th</sup> Framework programme, at least two of which are BONUS countries (DK, DE, EE, FI, LT, LV, PL, SE)
- Proposal is complete as regards all parts and attachments
- Proposed research matches the scope of the call
- Coordinating institute is established in one of the BONUS countries and the person in charge has sufficient scientific, technical, administrative and organisational skills



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## Which countries can participate?



- BONUS countries: Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Poland and Sweden – **fully funded by BONUS**
- Non-BONUS EU countries: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, France, Greece, Hungary, Ireland, Italy, Luxemburg, Malta, Netherlands, Portugal, Romania, Slovakia, Slovenia, Spain, United Kingdom – **BONUS funding open**
- Countries associated with EU 7<sup>th</sup> Framework programme: Albania, Bosnia and Herzegovina, Croatia, Faroe Islands, Macedonia, Iceland, Israel, Liechtenstein, Montenegro, Norway, Serbia, Switzerland and Turkey – **BONUS funding open**
- Other countries: **with own funding**





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## Russian participation



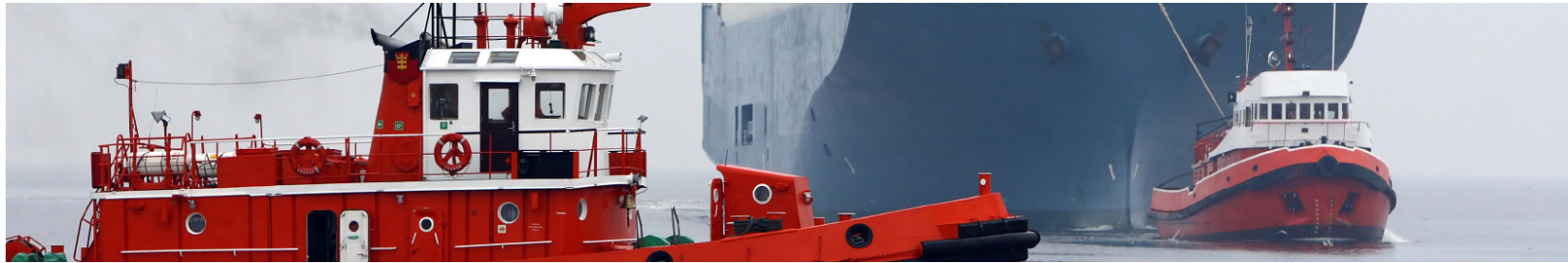
- Russian participants can participate with Russian funding only
- Russian Foundation for Basic Research is interested to continue funding of Russian scientists in BONUS projects – decision in October 2011
- Possibly other regional Russian funders will join in funding applied research



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## Enterprise participation



- Enterprises are encouraged to participate
- In enterprise participation, EU state aid rules need to be considered
- If a consortium is planning to include an enterprise, it is advised to contact BONUS Secretariat/national contact person as early as possible (if applicable – i.e. there are varying funding landscapes from country to country that may need checking, e.g. TEKES in Finland is the usual funder of this sector, Acedemy of Finland would fund only under special circumstances)



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## Assessment of interdisciplinarity (1)



What is the level of integration among disciplines? For example:

- the proposal integrates concepts from different disciplines resulting in a coherent outcome that could not be achieved by a mono-disciplinary team: high merit
- the proposal represents more a mechanic mixture of disciplines without a concept-level integration or mutual enriching within the multidisciplinary relationship among the disciplines: low merit





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## Assessment of interdisciplinarity (2)



- Does the proposal indicate the expected synergistic outcomes from the combination of disciplines/approaches in line with the BONUS goals and for the benefit of the Baltic Sea region?
- Is there a good understanding of the disciplines involved and of their limitations, and a clear justification for the choice of disciplines brought together based on the needs of the research questions within the project?



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## Where to find information?



### **www.bonusportal.org:**

- BONUS SRA and summary document – [www.bonusportal.org/sra](http://www.bonusportal.org/sra) , hard copies available in October 2011
- Call fact sheet, Guide for applicants, Guide for evaluators – when the call opens
- National contact points – [www.bonusportal.org/contactpoints](http://www.bonusportal.org/contactpoints)
- BONUS helpdesk for general questions, EPSS, legal questions: consortium agreement, IPR, interactive questions & answers section





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[www.bonusportal.org](http://www.bonusportal.org)

# THANK YOU!

