Joint Baltic Sea Research and Development Programme BONUS

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What is BONUS

BONUS is a Joint Baltic Sea Research and Development Programme launched according to the Article 185 of the Treaty on the Functioning of the EU (TFEU)

Founders are the national funding organisations from all 8 Baltic Sea EU countries

Codecision by the European Parliament and Council in 2010, Funding of EUR 100 million for the years 2011-2017

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Development of BONUS

(2003-2008)
BONUS ERA-NET
Developing preconditions for a Joint Baltic Sea Research Programme

(2007-2011)
BONUS+
Implementing a Joint Call to test the mechanisms of collabora-tion among the national funding institutions

(2011-2012)
BONUS Strategic Phase
Strategic development and prepar-ation for the Implementa-tion Phase.

(2012 -2017 ->)
BONUS Implementation Phase
Durable collaborative research programme of the Baltic Sea states.

ERANET | ERANET Plus | Article 185

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Participating in BONUS

- Eight EU member states surrounding the Baltic Sea: Denmark, Estonia, Germany, Finland, Latvia, Lithuania, Poland, Sweden
- 10 funding agencies participate as BONUS members and funding the calls
- 12 funding agencies participate as non-members funding the calls only
- Funding agencies include both basic research and innovation funders

- Russia participates through bilateral agreements

BONUS calls

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BONUS calls

Research calls

In BONUS calls, research proposals are invited addressing specific themes derived from the strategic research agenda. The calls that address themes which do not include commercialising potential, but are more focused on fundamental research are named as ‘research calls’

Innovation calls

BONUS aims at launching calls under themes derived from the BONUS strategic research agenda which include technological development and have a commercialising potential i.e. BONUS innovation calls

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2012-2015

2011	2012	2013	2014	2015	2016	2017	2018

Strategic phase

BONUS strategic research agenda

Stakeholder consultation platforms

Implementation modalities

Implementation period of the calls

RESEARCH

INNOVATION

RESEARCH

INNOVATION

RESEARCH

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Eligibility of receiving funding

- **Research organisations from BONUS countries 100%, EU and A countries 25%, Third countries 0***
- **Enterprises from BONUS countries 25-70%**, EU and A countries 6.25-12.5%, Third countries 0**
- **Governmental and non-profit organisations 0**
- **International European interest organisations 25%, other 0**

* Russia according to bilateral agreements; ** depending on size of enterprise and research category

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BONUS projects...

- Include at least 3 partners from 3 different countries, at least 2 of them are BONUS countries
- Are coordinated by an institution from BONUS country
- Address one theme as key theme opened for call and 2 – 4 supplementary themes

As well as

- Address well expected outcomes defined in the SRA
- Have good stakeholder involvement
- Are interdisciplinary

Strategic Research Agenda

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Structure of the current SRA

Five strategic objectives:	19 themes:
Ecosystem	• Biogeochemical processes • Biodiversity • Food webs • Hazardous substances
Coast and catchment area	• Catchment land cover • Coastal systems • ICZM • Eco-innovation
Sustainable use of goods and services	• Maritime risks • Pollution by shipping • Fish stock assessments • Fisheries management • Sustainable aqua culture
Societal responses	• Governance and policy • Linking ecosystem goods with lifestyles/well-being • Maritime spatial planning
Observation and data management	• Integrated monitoring programmes • Innovative measurement techniques • ICT services

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Topics for call 2015

Theme	BONUS call 2015	
	Research	Innovation
2.4. Eco-technological approaches to achieve good ecological status in the Baltic Sea	o	o
3.5. Sustainable aquaculture in the Baltic Sea	o	o

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2.4. Eco-innovation R

Expected outcomes of research:

- **Economic models supporting elaboration of regulatory tools and incentives for eco-technological development and resource utilisation.**
- **An evidence-based review of the feasibility of new technological solutions (including geo-engineering) and/or biomanipulation methods that intend to speed up achieving the good ecological status in the Baltic Sea.**

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2.4. Eco-innovation I

Expected outcomes of innovation:

- Design studies for improvement of retention and recirculation of nutrients and other chemical substances.
- **New methods for improved wastewater treatment efficiency for xenobiotics and persistent micro- and nanoparticles applicable also in decentralised water management.**
- New methods for recovery of substances from waste and sediments including methods of bioremediation.
- **New methods for retention and reduction of air pollution from energy production and transportation.**
- **New cost-efficient, effective and user-friendly methods to test the chemical status of sewage, leachate from landfills, wastewater and storm water.**
- New efficient and feasible methods for restoration of marine and coastal habitats.

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Future

- Continuation of the programme in H2020 under discussion
- Proposal to extension of BONUS to the North Sea

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THANK YOU!

www.bonusportal.org