# The BONUS approach to blue growth

- skills perspective based on research and innovation
- necessary further actions

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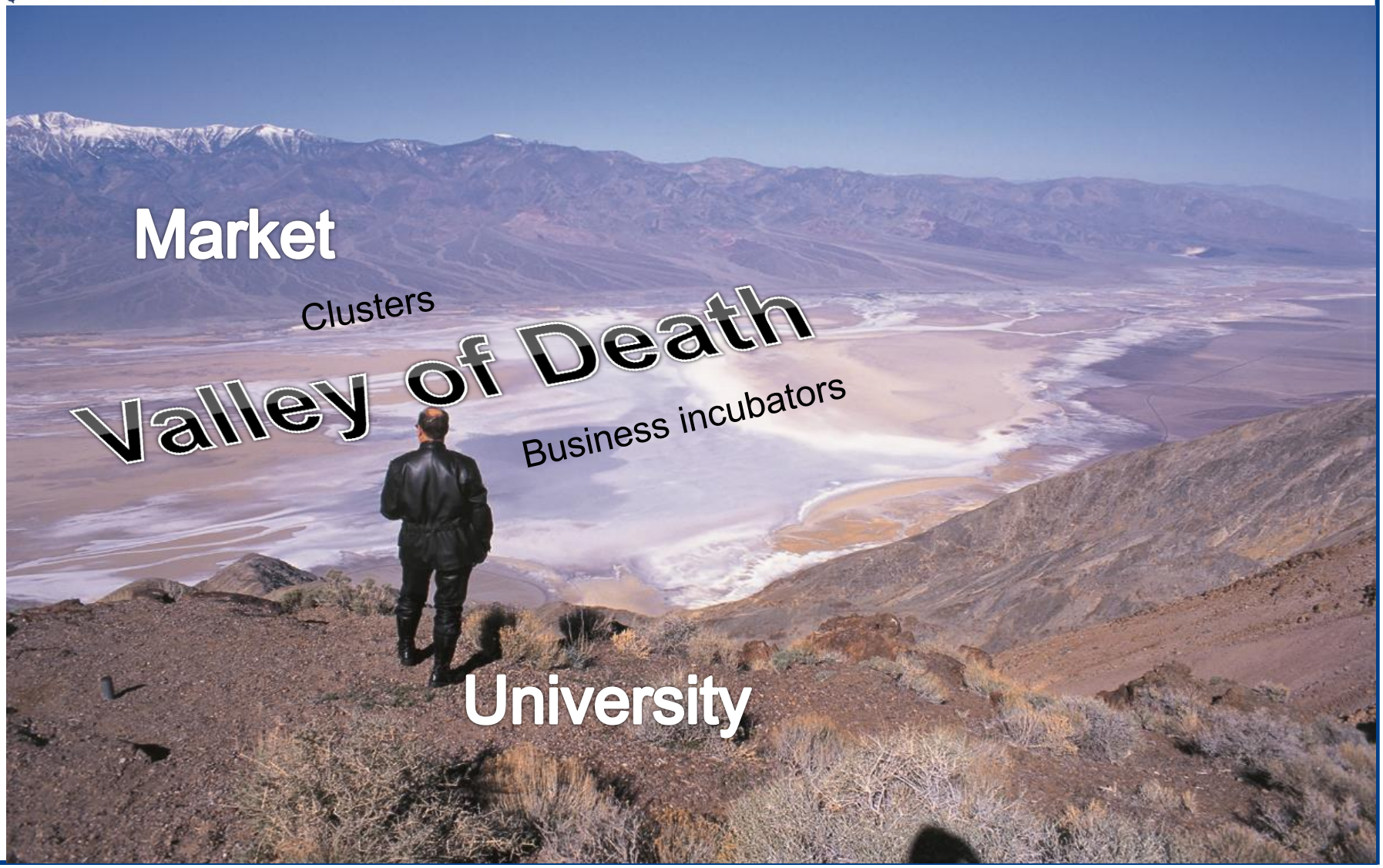
# Challenge



# What is BONUS?

*Funded by the eight Baltic Sea EU member states and the EU; EUR 100 million for 2011-17*

## VISION

**Economically and ecologically prosperous Baltic Sea region where resources and goods are used sustainably and where the long-term management of the region is based on sound knowledge derived from multidisciplinary research**

## MISSION

**Integrating the Baltic Sea System research into a durable, cooperative, interdisciplinary and focused transnational programme in support of the region's sustainable development**

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# BONUS strategic research agenda process

FOCUS ON ECOSYSTEM

LAND-COAST-SEA CONTINUUM INNOVATION

POLICY LANDSCAPE MAPPING

BLUE GROWTH IN NORTHERN REGIONAL SEAS

2006

2010

2011

2013

2014

2015

2017

?

Strategic research & innovation agenda 2018-2022

BONUS strategic research agenda process applies a systemic approach responding to the dynamic development in relevant policy fields

# BONUS calls

BONUS calls are based on

- policy analyses
- stakeholder consultations
- continuously updated strategic research agenda

2006 2011 2013 2014

**2007: Ecosystem approach to management call**

16 projects funded for 2009-2011, EUR 22 million

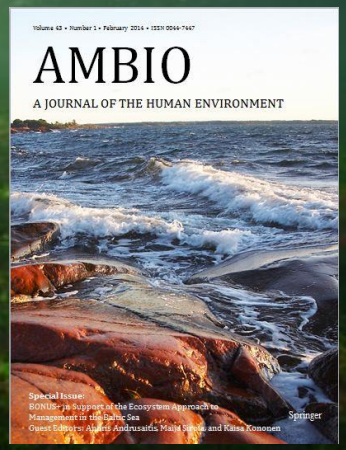
**2012: Viable ecosystem and Innovation call**

20 projects funded for 2014-2017 , EUR 33 million

**2014: Sustainable ecosystem services call**

8 projects to be funded 2015-2017, EUR 17 million

**2015: Call to be launched later in 2015**




February 2014

# Ongoing BONUS projects addressing top MEAs

## MEA Coastal tourism

- CHANGE seeks to alter the antifouling practices of leisure boats by looking at individual attitudes and behaviour, market actors and the legal framework

## MEA Fish for human consumption

- INSPIRE improves the knowledge basis for sustainable fisheries
- GOHERR looks for ways to bridge policy sectors in ecosystem based management of fisheries
- FISHVIEW improves migrations of fish in barraged rivers

# Ongoing BONUS projects addressing top MEAs

[MEA Shipbuilding

- Outside of BONUS scope, covered by MARTEC ERANET]

MEA Short-sea shipping

- STORMWINDS improves safety of winter navigation
- SHEBA looks for ways to reduce reduce pressures from shipping sensu MSFD
- ZEB finds ways to clean oily waters onboard ships
- ESABALT improves maritime safety by efficient situational data handling
- ANCHOR helps captains to operate their ships safely in harbours

# Future BONUS: focus on blue growth challenges

- How to combine expansion of blue economy with good environmental status?
- How to minimise trade-offs among different uses of marine ecosystem services?
- How to arrive to a truly knowledge-based governance and management?
- How to make the blue growth benefits accessible to all citizens disregarding of their occupation, place of living, age, gender

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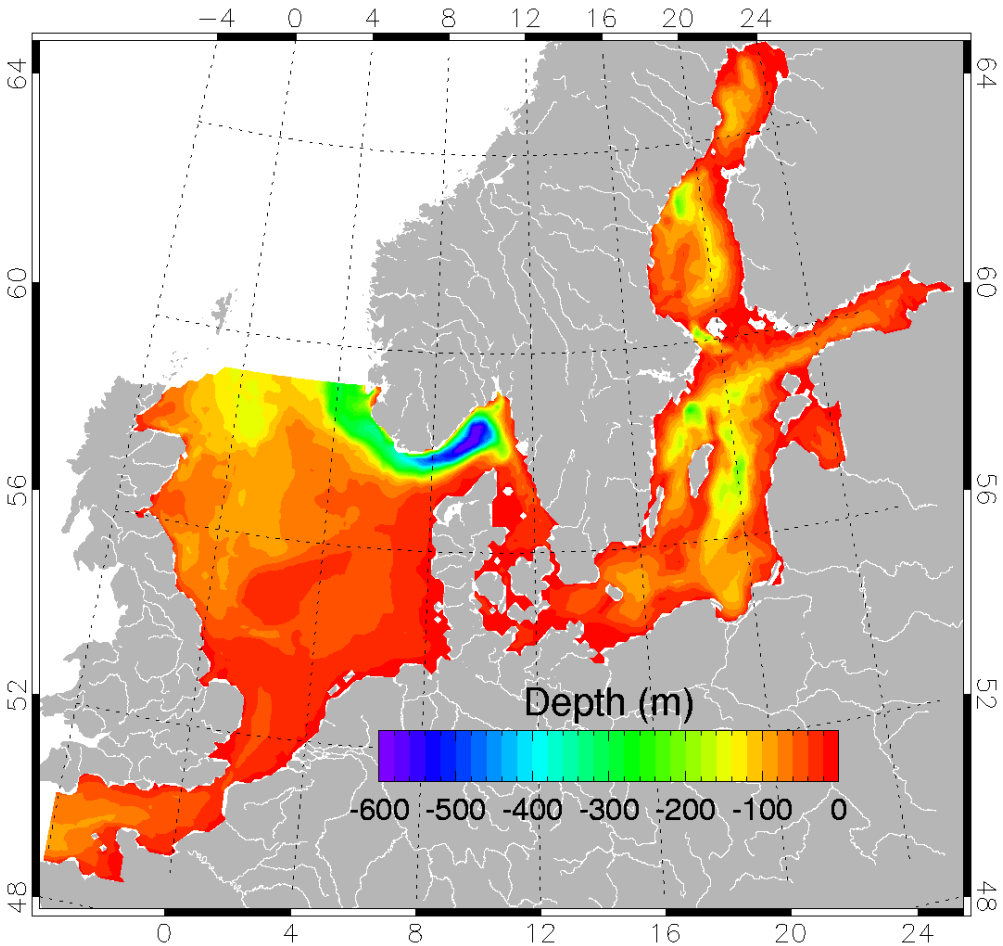
# Future BONUS: Geographic scope




Source: Danish Meteorological institute. http://ocean.dmi.dk/

Estonia
Finland
Latvia
Lithuania
Poland
Russia (non EU)
**Denmark**
**Germany**
**Sweden**
**Belgium**
**France**
**The Netherlands**
**United Kingdom**
**(negotiations ongoing)**

# Necessary further actions

## Introducing institutional changes

- **Removing institutional barriers between research and innovation policy making and funding**
  - reorganisation is going on (e.g. strategic R & I councils)

## Building human capacity

- **Creating platforms for researchers and innovators to cooperate**
  - e.g. crosscutting R & I programmes, cross-programme thematic clusters
- **Focus on young scientists and innovators**

## Disseminating knowledge

- **Cross sectoral and –regional communicators networks**

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# THANK YOU!

***Further information***

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***www.bonusportal.org***

***www.bonusportal.org/projects***

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