



## 4 DEcades of Belgian marine MONitoring

Uplifting historical data to today's needs

**FINAL MEETING INVITATION** 19 June 2018 (10-13h)

The Royal Belgian Institute of Natural Sciences, Ghent University, Flanders Research Institute for Agriculture, Fisheries and Food, Flanders Marine Institute and University of Liège are pleased to invite you to the final meeting of the Brain-be project 4DEMON.

You will be guided through our quality checked and intercalibrated datasets, trend analyses methods to study long-term environmental changes and the project outcomes.

### AGENDA

9h30 Welcome and coffee

10h Introduction and presentations

- Project background and overview
- Data management dataflow, tools and dissemination
- Trend detection of quality controlled datasets (1970s-today)
  - **Contaminants** clustering and modelling of metals and PCBs in sediment and biota
  - **Eutrophication** shifts in phytoplankton taxonomy and biomass
  - **Ocean acidification** patterns and seasonal changes in pH, CO<sub>2</sub> and CH<sub>4</sub>
- Conclusions and recommendations for policy makers

12-13h Demonstration data portal & open discussion

**We are curious to hear your:**

- future prospects of the 4DEMON datasets and trend analyses methods
- experiences with historic data and long-term change detection
- opinions on policy decisions and monitoring procedures

### DEMO DATA PORTAL

BELSPo Brain-be Axis 3 (2013-2018)



Where: Royal Belgian Institute of Natural Sciences, Vautierstreet 29, Brussels  
Free participation, register **before 5 June**: [rlagring@naturalsciences.be](mailto:rlagring@naturalsciences.be)  
(subject: 4DEMON Registration). Info [www.4DEMON.be](http://www.4DEMON.be)