



The BLUE2 project

EU integrated policy assessment for the freshwater and marine environment

**Joint HELCOM - BONUS BALTICAPP workshop
on the ecological-economic research to support marine policy
implementation in the Baltic Sea region
Stockholm, 29-30 March 2017**

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The origins of BLUE2

➤ *The Juncker Commission: emphasis on EU legitimacy, jobs and growth*

➤ **Adequacy of legislation**

➤ **Economic aspects of EU policy**

➤ *Implementation cycle of water-related legislation*

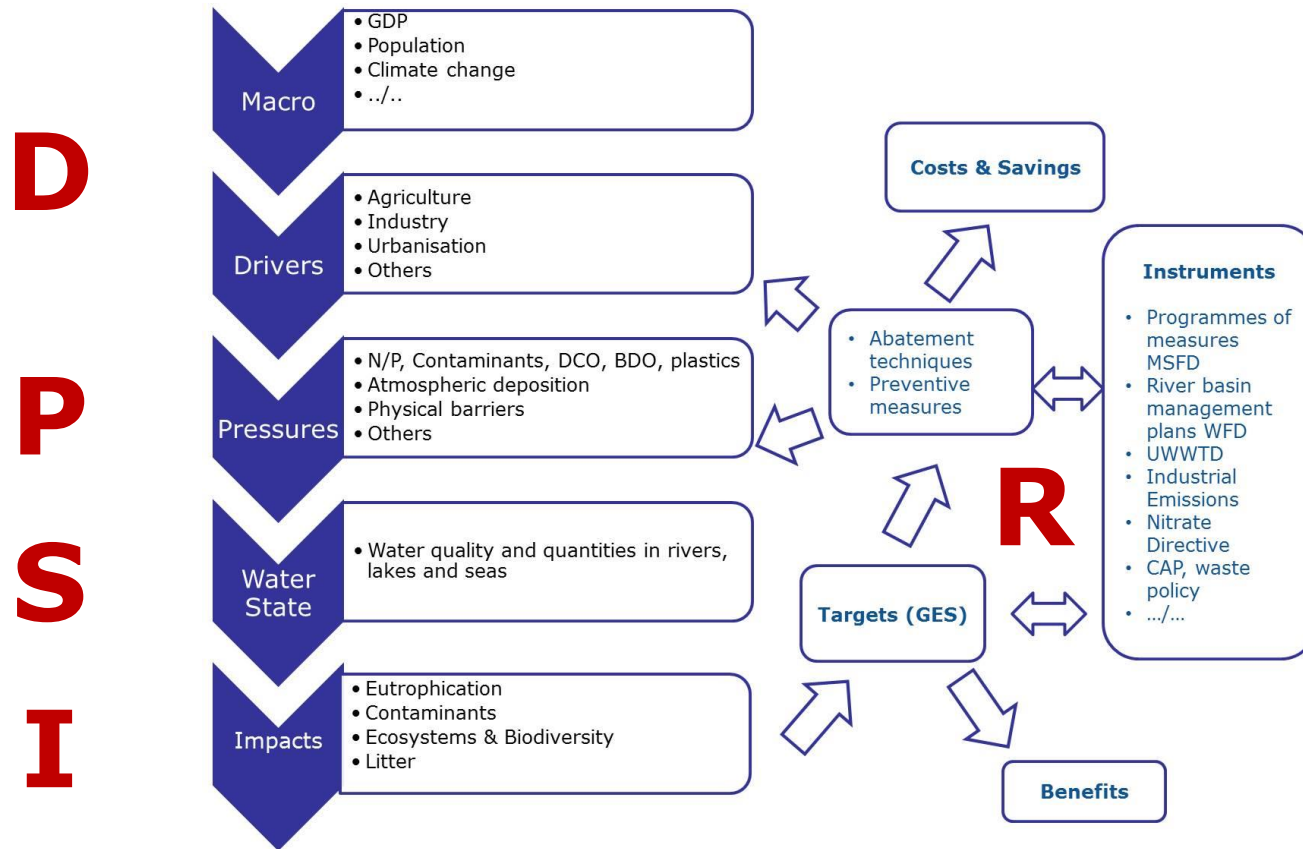
- **Water Framework Directive**
assessment of the 2nd RBMPs - by Autumn 2017
review of the WFD, envisaged for 2018-19
- **Marine Strategy Framework Directive**
next phase reporting in 2018
By 2018/19 Commission evaluation report
- **Urban Waste Water Directive**
evaluation foreseen in 2016/2017, could open the path for a review of the Directive
- **Drinking Water Directive**
reviewed by mid 2018, impact assessment to be drafted in 2016/2017
- **Nitrates Directive**
nitrate vulnerable zones and action programmes are regularly reviewed and revised by Member States
- **Industrial Emission Directive**
BREFs regularly revised by JRC (IPTS)
- **Activities by MS and regional bodies**

 **Thus the need for a policy assessment capability at EU level**



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Integrated assessment modelling: DPSIR as the general approach

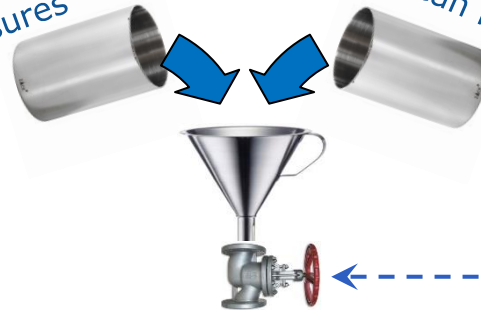




European Commission

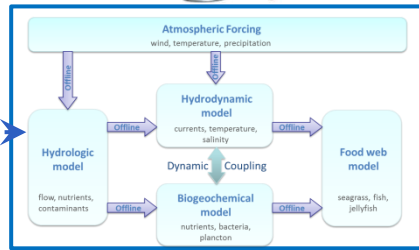
Inventory of environmental pressures

Database of measures that can be taken

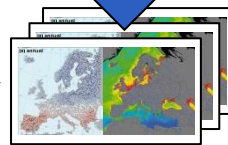


Building scenarios: define assumptions and feed the models

Modelling the physical/chemical/biological environment



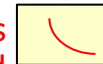
Result for each scenario: state and impacts in freshwater and marine environment



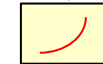
Socio-economic assessment of the results



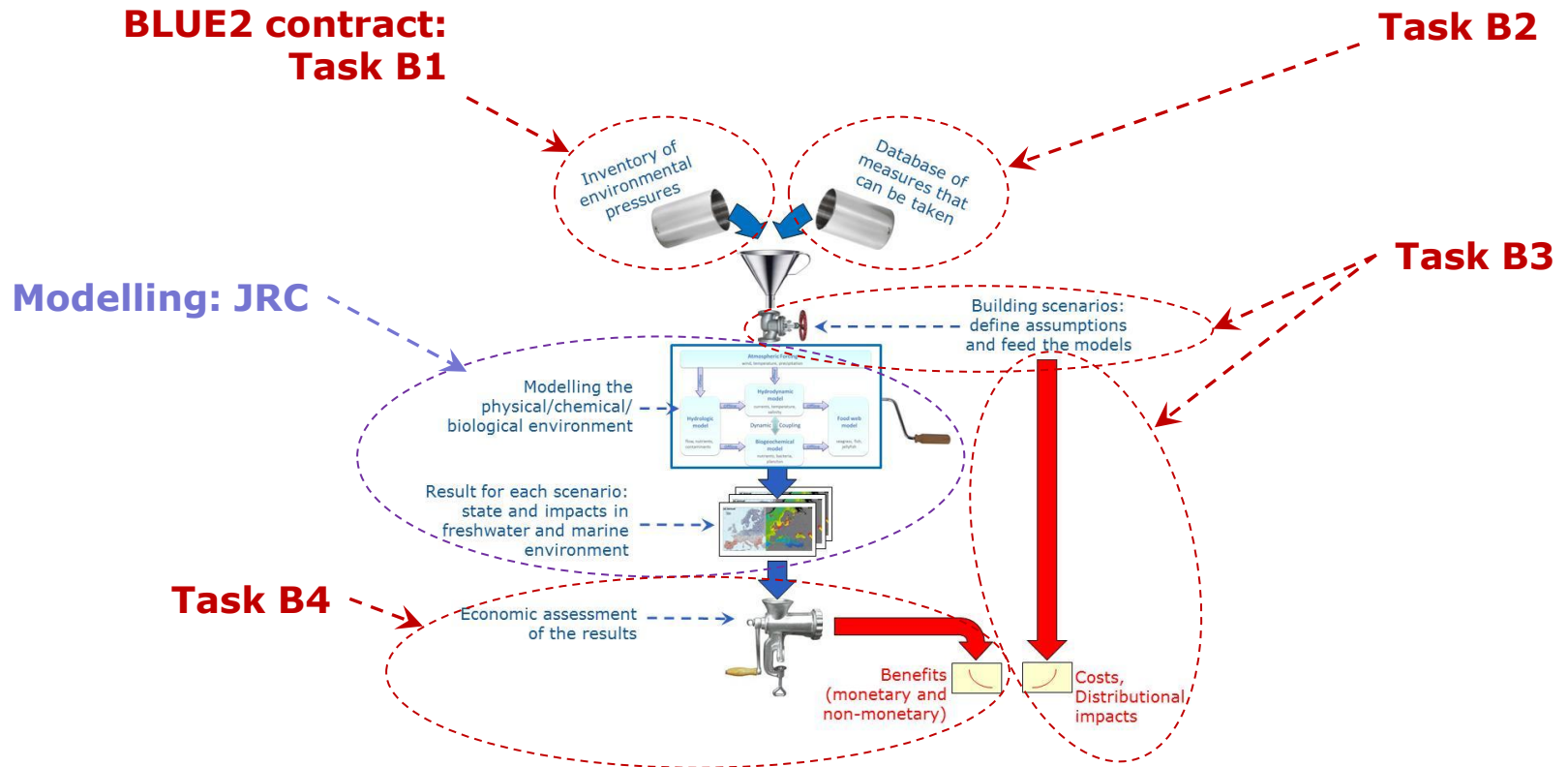
Benefits (monetary and non-monetary)



Costs, Distributional impacts



Who does what





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The **BLUE2** contract

has 2 parts.



The BLUE2 contract

Part A: The economic benefits of EU water policy and the costs of its non-implementation

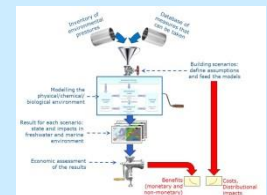
657k€

- **A2** – Showing that **water is a key resource for economic growth** in the EU
- **A3** – Assessment of the **costs and benefits of the proper implementation of the EU water acquis** in selected river basins
- **A4** – Improving the **competitiveness of the EU water sector** and promoting a more efficient use of water

Part B: Development of an integrated policy assessment method and software linked to models of the freshwater and marine environment

767k€

- **B1** – Establishment of an **EU pressure inventory**
- **B2** – Establishment of an **EU water and marine measures database**
- **B3** – **Scenario design**
- **B4** – Freshwater and marine **benefits concept and model assessment tool**

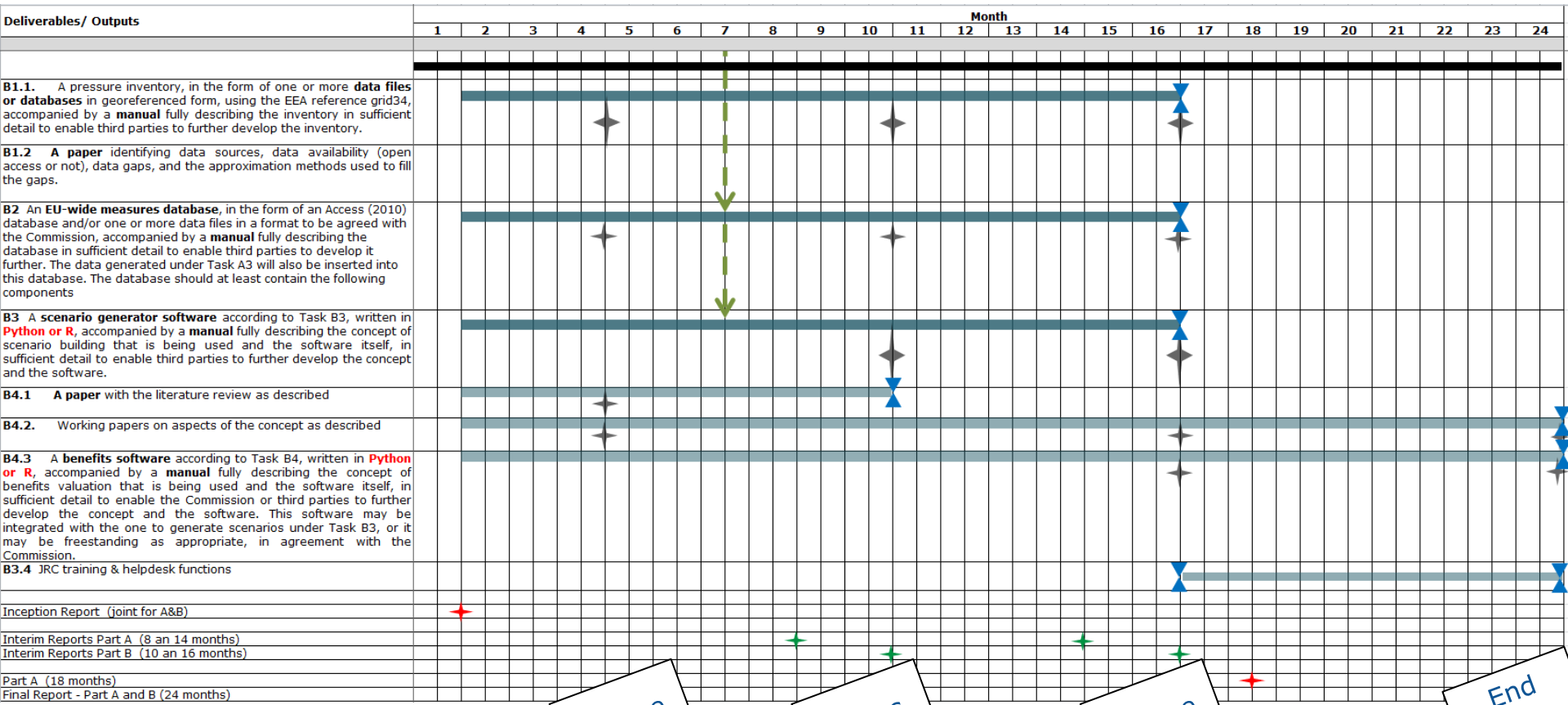


Total: 1.5M€



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Timetable



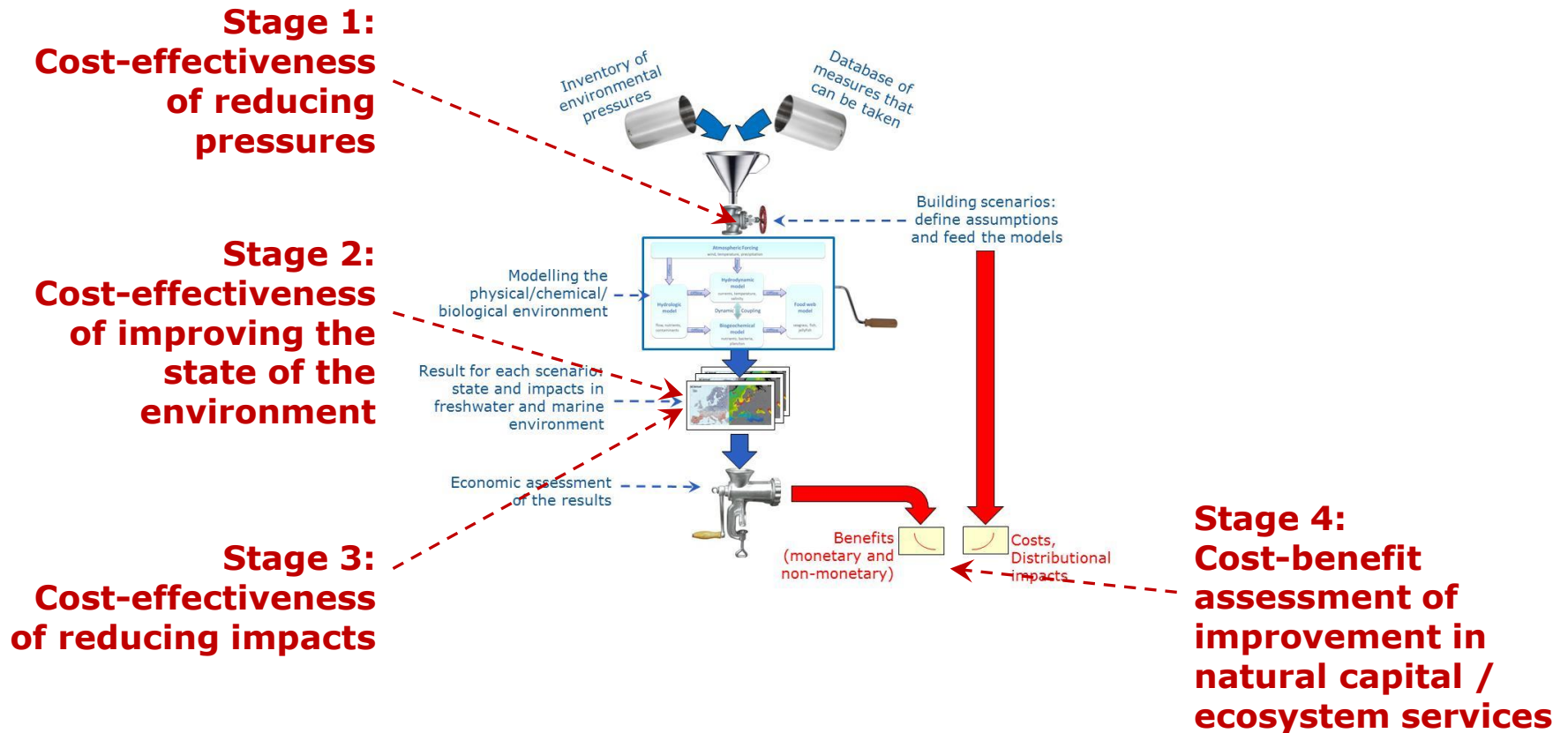
7 June 2017

6 Dec 2017

6 June 2018

End Dec 2018

Elements of socio-economic assessment



Ensuring transparency and state of the art

