

EU funding opportunities for BalticFlows consortium

Potential doors to open

- Horizon 2020
 - BONUS
 - Water works
- Baltic Sea Programme (InterReg)

Ulf Westerlund, EU Research officer at Uppsala University

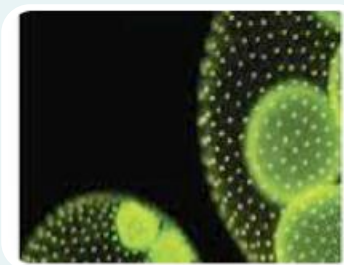
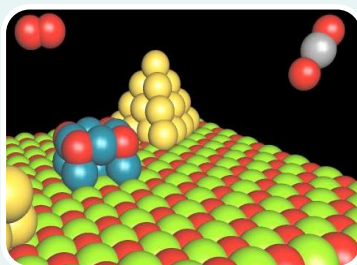
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HORIZON 2020

Three main priorities:



Excellent
science

Societal
challenges

Industrial
leadership

Research driven projects

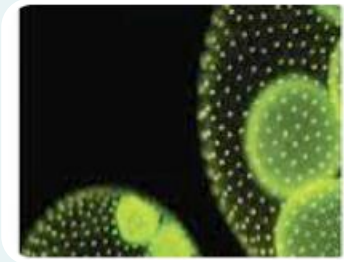
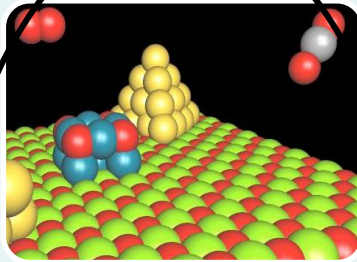
Market driven projects



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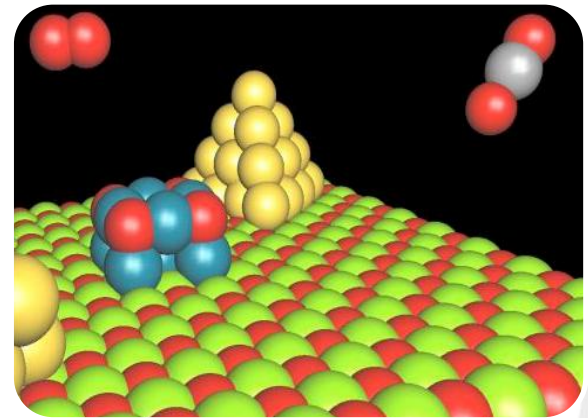
Industrial
leadership

Research driven projects

Market driven projects

1. Excellent Science

- European Research Council (ERC)
- **Marie Skłodowska-Curie Actions (MCSA)**
- Research Infrastructures
- Future and Emerging Technologies (FET)



Bottom-up programme !



Marie Skłodowska- Curie Actions

Individual Fellowships

What:
Research in an
(another) EU country
(1-2 years)

Research outside EU
(1-2 years) and within
EU again (1 year)

Who:
Researcher

Call deadline:
14 September 2016

Innovative Training Networks

What:
European “Research
Training school”
(6 – 10 partners)
(ETN)

Who:
PhD stud, Researcher

Call deadline:
12 January 2016

Research and Innovation Staff Exchange

What:
Knowledge exchange
By two-way
secondments

Who:
PhD stud, Researcher,
Lab staff

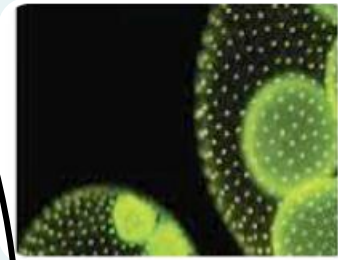
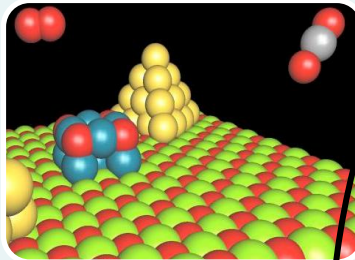
Call deadline:
28 April 2016



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HORIZON 2020

New EU "framework programme" for Research and Innovation for the years 2014-2020



Part of the EU2020 strategy, the Innovation unionen and the ERA:

- **Tackle the economic crisis** – generate growth and new jobs.
- **Meet the societal challenges** – demographic change, food supply, energy resources, climate change
- **Strengthen Europe's global competitiveness** and position in research, innovation and technology
- **ERA** – enhance mobility and critical mass, counteract fragmentation

2. Societal challenges

Top-down programme !



1. **Health**, demographic change and wellbeing
2. **Food security**, sustainable agriculture and **forestry**, **marine and maritime research**, and **inland water** research
3. Secure, clean and efficient **energy**
4. Smart, green and integrated **transport**
5. **Climate** action, **environment**, **resource efficiency** and **raw materials**
6. Inclusive, innovative and **reflective societies**
7. **Secure societies**



2. Societal challenges

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Climate action, environment, resource efficiency and raw materials

Topic SC5-08-2017:

Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2188-sc5-08-2017.html>

Opens up in november the 8th 2016



Funding and Rules

100% financing of direct costs
25% covering of indirect costs (OH)

- At least 3 organisations from at least 3 Member countries (except in ERC, MSCA, SME)
- Evaluation

Science – Impact - Implementation

Where to find the calls in H2020?

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H2020 Participant Portal

<https://ec.europa.eu/research/participants/portal4/desktop/en/opportunities/index.html>

Theme 2.4: Eco-technological approaches to achieve good ecological status in the Baltic Sea

Foci on (i) improvement of retention and recirculation of nutrients and other chemical substances,

(ii) new methods for improved wastewater treatment efficiency for xenobiotics and persistent micro- and nanoparticles,

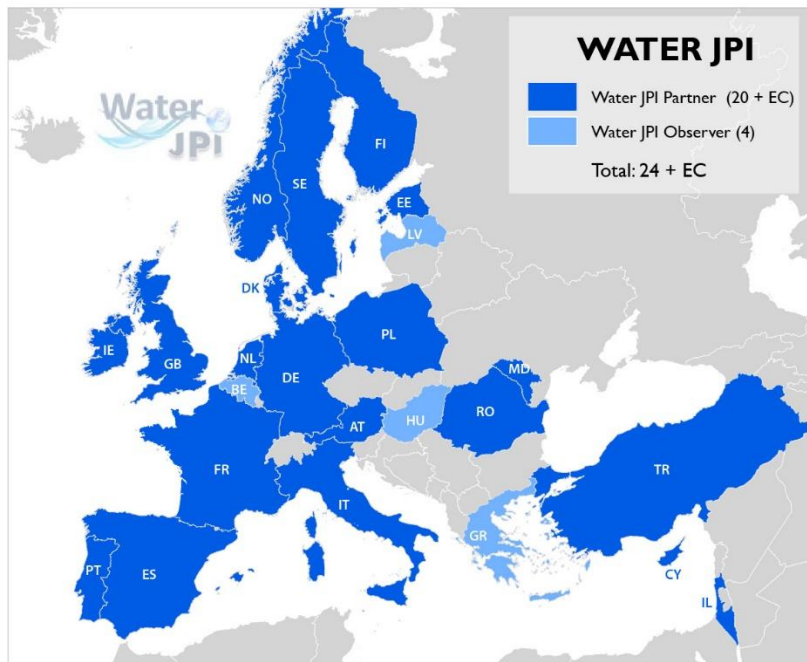
(iii) new methods for recovery of substances from waste and sediments,

(iv) new methods for retention and reduction of air pollution from energy production and transportation, (v) new testing methods for sewage, leachate from landfills, wastewater and storm water and (vi) new methods for restoration of marine and coastal habitats.

Projects will be selected for funding only on a condition that at least 25% of the requested BONUS funding goes to enterprises

http://www.bonusportal.org/programme/competitive_calls/bonus_call_2015_blu_baltic

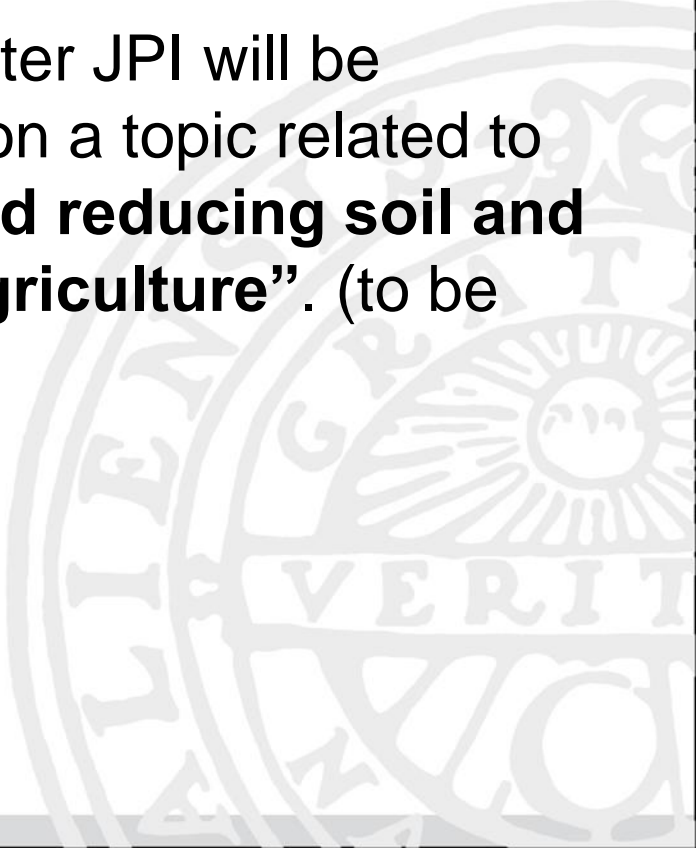
Water works (part of Water JPI) funds five core themes:



- Maintaining ecosystem sustainability;
- Developing safe water systems for the citizens;
- Promoting competitiveness in the water industry;
- Implementing a water-wise bio-based economy;
- Closing the water cycle gap.

Water works continued

The third Call for proposals of the Water JPI will be published in the first quarter of 2016 on a topic related to **“Improving water use efficiency and reducing soil and water pollution for a sustainable agriculture”**. (to be confirmed)



Baltic Sea Programme (InterReg)

Sub-themes

- Natural and technological risks, climate change
- improving the monitoring of environmental risks
- supporting awareness-raising and emergency planning for populations located in very sensitive areas, such as heavily built-up basins, seismic areas, flooding prone areas, etc.
- facing air pollution, managing and communicating on associated risks
- development of strategies for minimising relevant natural and technological risks
- developing the formulation of tools, action plans and awareness-raising and capacity-building for responding at the different levels on all relevant natural and technological risks
- developing appropriate coordinated spatial planning measures in geographically sensitive areas
- developing measures to face and raise awareness on climate change and promotion of adaptation and mitigation policies
- developing strategies for preventing and reducing floods