



KESKKONNAMINISTEERIUM



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Eesti tuleviku heaks



TALLINNA ÜLIKOOL



Eesti veealane teadus JPI Water-is: strateegia ja tegevused

EB-Elve Lode

GB-Rene Reisner



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SISU

- 1) SRIA 1.0 (Strategic Research and Innovation Agenda)
- 2) JPI Water eesmärgid
- 3) JPI Water liikmelisus
- 4) JPI Water **WaterWorks** projektide initseeringud
- 5) Eesti veealase teaduse nimekiri
- 6) EB ja GB koosolekud
- 7) Meie jaoks oluline



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SRIA 1.0

(Strategic Research and Innovation Agenda)

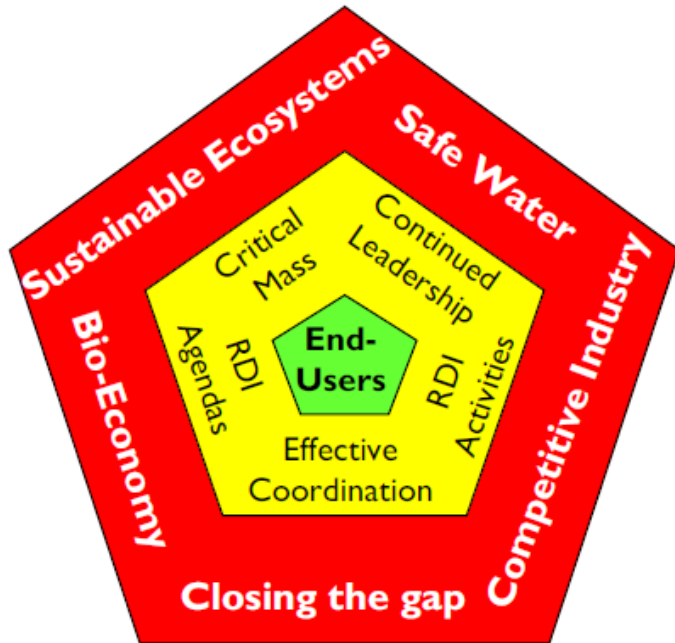
- SRIA 1.0 töötati välja FP7 - ENV.2012.6.3-5 all
- Teema: **Tackling European Water Challenges**
- Juhtmaa: **Hispaania**
- Algus: **01/01/2013**
- Lõpp: **31/12/2015**
- Kokku: **19 EL-i maad**

SRIA 1.0 põhiteemad:

- **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**



JPI Water eesmärgid



Sustainable Ecosystems –

Integrated, trans-disciplinary research

Bio-economy – to improve the food production

Safe water – water quality and societal well-being

Competitive Industry – new materials, purification methods etc

Closing the gap – closed water systems



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JPI Water liikmelisus

Water JPI Partner Countries

1. Austria
2. Cyprus
3. Germany
4. Denmark
5. European Commission
6. **Estonia**
7. Spain
8. Finland
9. France
10. Ireland
11. Israel
12. Italy
13. Moldova
14. The Netherlands
15. Norway
16. Poland
17. Portugal
18. Romania
19. Turkey
20. United Kingdom



Water JPI Observer Countries

1. Belgium
2. Greece
3. Hungary
4. Latvia
5. Sweden



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JPI Water *WaterWorks* projektide initseeringud

WaterWorks2014

Horizon 2020 Call: H2020-WATER-2014-one-stage

Topic: **WATER-3-2014**

Type of action: **ERA-NET-Cofund**

Proposal number: SEP-210147602

Proposal acronym: **WaterWorks2014**

Key words:

Water Distribution

Treatment Desalination

Floods

Droughts

JPI Strategy Implementation

23 organisatsiooni, 17 maad

16.5 milj €, Eesti 150,000€ →224,000€



WaterWorks2015

Horizon 2020 Call: H2020-WATER-2015

Topic: **WATER-4-2015**

Type of action: **ERA-NET-Cofund**

Proposal acronym: **WaterWorks2015**

Topic:

Sustainable water use in agriculture to increase water use efficiency and reduce soil and water pollution.



Table 1.2.a. Proposed actions to tackle the six problem areas limiting good water status (as identified in the Blueprint). The dots represent relation to each of the targets for the Cofunded Call.

Problem Areas & Proposed Actions	Targets for the Cofunded Call, as defined in the Scope				
	Distrib. & Meas.	Treat. & Reuse	Desalination	Floods	Droughts
1. Land Use					
• Retention measures				•	
2. Chemical Status					
• Improve compliance to Urban Waste Water Treatment Directive		•			
3. Water Efficiency					
• Water Pricing/cost recovery	•		•		
• Metering	•				
• Eco-design for water-related products	•	•	•	•	
• Achieve a sustainable economic leakage level	•				
4. Vulnerability					
• Natural Retention Measures				•	
• Drought and Flood risk management plans				•	•
• Standards for water reuse		•			
5. Cross-cutting issues					
• Support awareness-raising tools on water consumption	•	•	•		
6. Global issues					
• Access to safe drinking water, basic sanitation	•	•			
• Support sustainable, Integrated Water Resources Management	•	•	•	•	•



Eesti Veealase teaduse nimestik

Data base code nr	Institution
1	University of Tartu
2	Estonian University of Life Sciences
3	Tallinn University of Technology
4	Tallinn University
5	Health Board
6	National Institute of Chemical Physics and Bio
7	Estonian Research Council
8	AS Viimsi Vesi (AS Viimsi Water)
9	Cleantech Estonia
10	Estonian Water Association (EstWA)
11	Tallinn Environment Department
12	Ministry of Environment
13	Estonian Research Council

78 nimetust



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EB ja GB koosolekud

EB:

- 1) Lissabon – veebr. 2014
- 2) Madrid – mai, 2014
- 3) Oslo – okt., 2014

GB:

Küpros – mai, 2014



Meie jaoks oluline

SRIA 1.0 põhiteemad:

- **Öksüsteemide terviklikkuse säilitamine** (Maintaining ecosystem sustainability)
- **Ohutu ning kaitstud linna/asumite veevarustus** (Developing safe water systems for the citizens)
- **„Veetööstuse“ konkurentsivõime edendamine** (Promoting competitiveness in the water industry)
- **Vee ja bio-põhine ökonoomika edendamine** (Implementing a water-wise bio-based economy)
- **Suletud veesüsteemide edendamine** (Closing the water cycle gap)



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Täname!