



# **Horizontal Action Climate of the EU Strategy for the Baltic Sea Region (EUSBSR)**

Presentation at EGSD meeting, Helsinki 17.10.2019

Valdur Lahtvee, Policy Officer  
Permanent Secretariat of the Council of the Baltic Sea States,  
Prosperous and Sustainable Region Unit/HA Climate Coordinator  
[valdur.lahtvee@cbss.org](mailto:valdur.lahtvee@cbss.org); +46 730776946

# The Council of Baltic Sea States

REGIONAL  
IDENTITY

SUSTAINABLE  
&  
PROSPEROUS  
REGION

SAFE & SECURE  
REGION

CBSS coordinating role implementing  
EU Strategy for Baltic Sea Region



Denmark  
Estonia  
Finland  
Germany  
(1995) Iceland  
Latvia  
Lithuania,  
Norway  
Poland  
Russia  
Sweden

+ EU



**DANISH PRESIDENCY**  
2019-2020

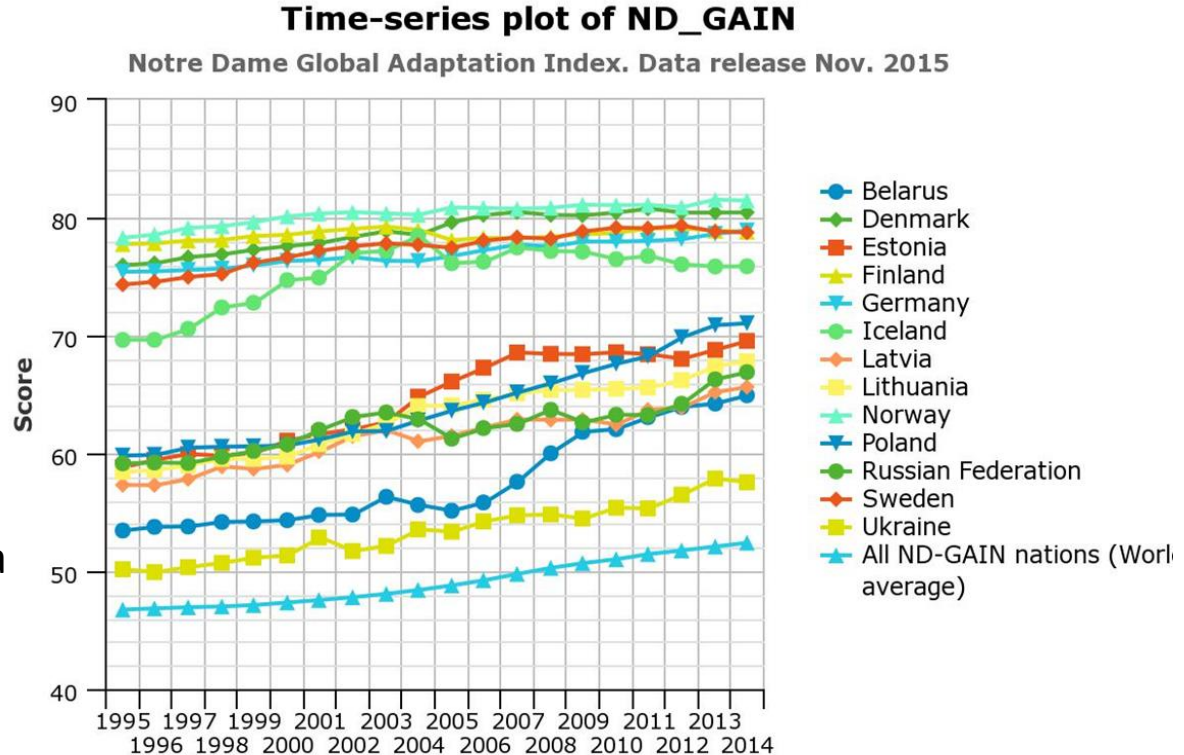


# Why to cooperate on CC Adaptation

The ND-GAIN Country Index summarizes a country's vulnerability to climate change and other global challenges in combination with its readiness to improve resilience.

It aims to help governments, businesses and communities better prioritize investments for a more efficient response to the immediate global challenges ahead.

## Adaptive Capacity and Vulnerability of BSR Countries, by ND\_GAIN Index

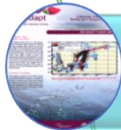


# CBSS coordinates Horizontal Action Climate of EUSBSR

The CBSS as coordinator of the Horizontal Action Climate of the EUSBSR, is focusing on the transition to a low-carbon economy and increasing climate resilience, as these remain critical challenges and areas of priority collaboration in the Baltic Sea Region



**Round-Tables:** information exchange for policy alignment and development/implementation of national climate policies



**Climate Inventory:** BSR section in the EU Climate-ADAPT website for dissemination of information & good practice.

<http://climateadapt.eea.europa.eu/transnational-regions/baltic-sea/general>



**BSR climate forums, seminars and capacity building programmes:** for stakeholders involvement and awareness raising



Joint projects and actions for providing practical solutions



**Cooperation with the EC and EEA and other EU macroregions,** the UN (UNECE, UNEP) for knowledge exchange and transfer



HA Climate  
Flagship project



# iWater

Integrated Stormwater Management

# Partnership



## iWater | Integrated Stormwater Management



Cities and pilot sites



Stormwater management plans



Innovative stormwater designs



Stormwaters:  
from waste to resource!



Higher quality, cleaner and  
safer urban environment and  
increasing urban sustainability



Tackling together the increased  
flooding, stormwater runoff,  
and soil erosion



# Who?

- Riga (LV)
- Jelgava (LV)
- Söderhamn (SE)
- Gävle (SE)
- Tartu (EST)
- Helsinki (FI)
- Turku (FI)
- Aalto University (FI)
- Union of the Baltic Cities,  
Sustainable Cities Commission (FI)



Lead  
Partner

Riga City Council  
City Development Department

Nika Kotoviča

iWater project coordinator  
Mob. + 371 2922 6404  
nika.kotovica@riga.lv  
www.rdpad.lv

# What?

- Improvement of urban and stormwater planning processes
- Development of stormwater plans
- Adoption of new stormwater planning approaches and tools
- Setting the evaluation criteria for a peer review within the stormwater management
- Continuous capacity building and exchange on the best stormwater management practices
- Dissemination of project findings and results to other Baltic Sea Region cities and the EU

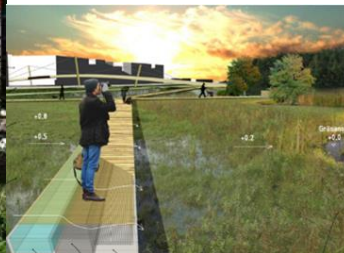


Read more: [www.integratedstormwater.eu](http://www.integratedstormwater.eu)



# Activities

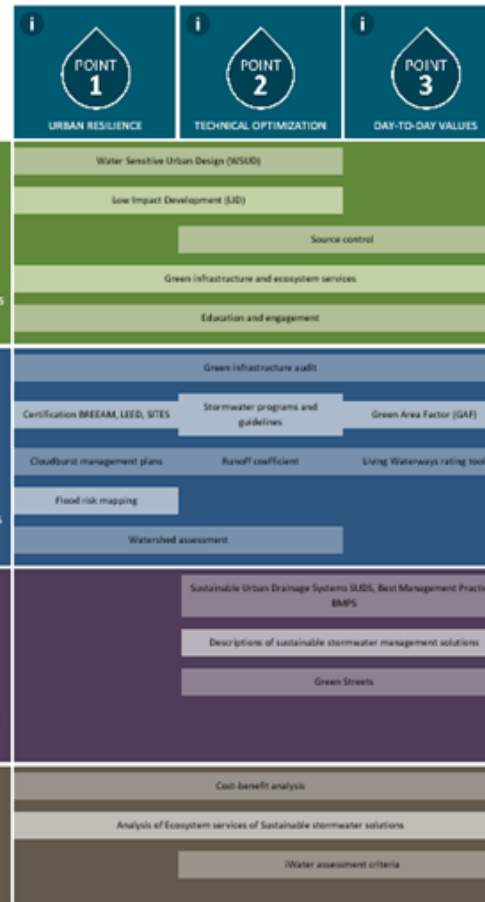
[www.integratedstormwater.eu](http://www.integratedstormwater.eu)



**Integrated  
stormwater  
management  
programs**

**Green Factor Tool**

**Multifunctional  
stormwater  
solutions**



**iWater toolbox**

# HA Climate Flagship project





# Partnership



RISE Research Institutes  
of Sweden AB



Roskilde University  
Denmark



Fachagentur Nachwachsende Rohstoffe

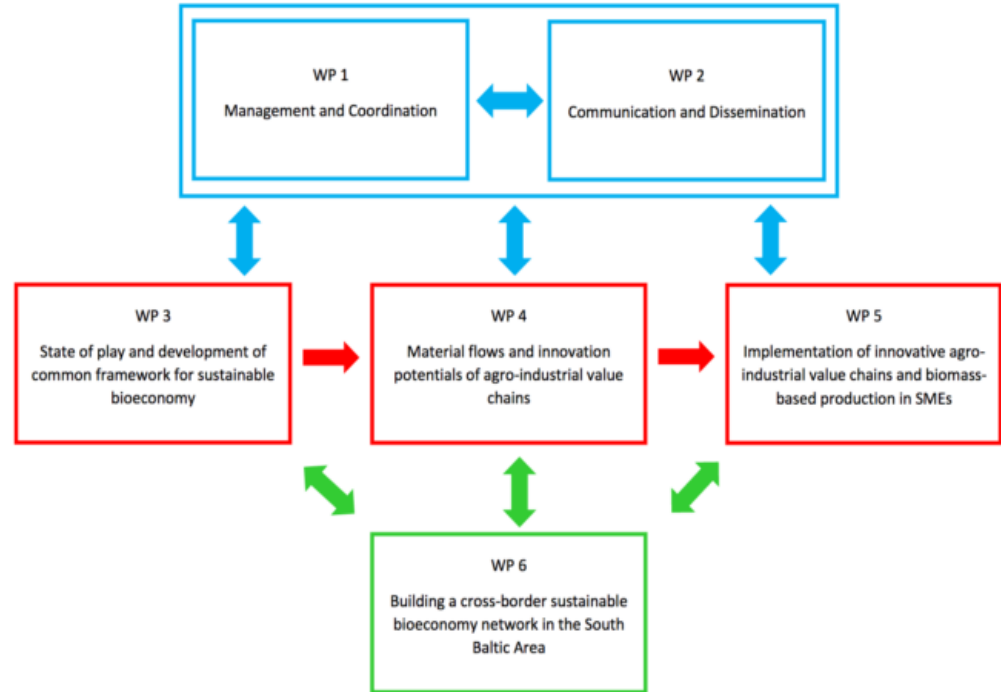


Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# Activities

The BioBIGG project seeks to strengthen the SME innovation capacity by the means of cross-border knowledge transfer, advisory activities and preparation of pilot projects and investments for converting biomass-based residuals and their building blocks into a variety of innovative food product, non-food products and bioenergy.

## BioBIGG • Work Package Structure



# PA Energy Flagship project

## EFFECT4buildings



The goal of EFFECT4buildings is to increase the number of energy efficiency measures implemented in existing public buildings in the Baltic Sea Region. The target audience is public property owners who often know what actions are technically possible and sometimes have calculations that show that these investments are profitable, but despite that fails to implement the measures due to financial barriers.

The project will result in a toolbox with financial methods that can improve profitability, facilitate funding and reduce the risk of energy investment in public real estate.





# Partnership

1. County administrative board of Dalarna (Sweden)  
[www.lansstyrelsen.se/dalarna](http://www.lansstyrelsen.se/dalarna)
2. Environmental office of Lappeenranta region (Finland)  
[www.lappeenranta.fi](http://www.lappeenranta.fi)
3. Hedmark county council (Norway) [www.hedmark.org](http://www.hedmark.org)
4. Vidzeme Planning Region (Latvia) [www.vidzeme.lv](http://www.vidzeme.lv)
5. Gate21 (Denmark) [www.gate21.dk](http://www.gate21.dk)
6. Association of Communes and Cities of Małopolska Region (Poland) [www.sgpm.krakow.pl](http://www.sgpm.krakow.pl)
7. Foundation Tallinn Science Park Tehnopol (Estonia)  
[www.tehnopol.ee/en](http://www.tehnopol.ee/en)
8. State Real Estate Ltd (Estonia) [www.rkas.ee](http://www.rkas.ee)
9. Sustainable Building Cluster in Dalarna (Sweden)  
[www.byggdialogdalarna.se](http://www.byggdialogdalarna.se)



# Activities

<http://www.effect4buildings.se/en/financial-Tools/Pages/default.aspx>

[https://issuu.com/vidzemesplanosanasregions/docs/effect4buildings\\_newsletter\\_septemb\\_13fe1aa5412920](https://issuu.com/vidzemesplanosanasregions/docs/effect4buildings_newsletter_septemb_13fe1aa5412920)



**EFFECT4buildings**

International Newsletter for building managers #1  
September 2018



PAGE 1

### Table of Contents

Financing Toolbox for building managers - 1

Examples of tools and methods - 2

Technology solution providers and building managers - 4

GreenEST Summit 2018 - 4

Meet the project team - 6

### Why building managers should know about the project EFFECT4buildings?

Knowledge of financial support opportunities as well as available technology solutions in the market plays a crucial role for building managers to make decisions on energy efficiency investments in buildings.

The project "Effective Financing Tools for Implementing Energy Efficiency in Buildings" (EFFECT4buildings) in collaboration with public building managers develops financial tools and methods to improve profitability, facilitate the financing of energy investments and lower the risks of implementing energy efficiency measures (retrofitting, upgrading and deep renovation) in buildings.



CLICK <http://www.effect4buildings.se>



Photo: EFFECT4buildings project team together with building managers from seven Baltic Sea Region countries, Energisk North, Copenhagen, May 2018

# HA Climate Flagship project

Sustainable Urban Mobility and  
Commuting in Baltic Cities -  
SUMBA



SUMBA will demonstrate how to effectively change suburb-city commuting towards more sustainable and inter-modal patterns in 10 pilot regions. The project will primarily address urban and transport planners and increase their knowledge and skills on how to assess, plan, improve and integrate suburban-city commuter mobility into transport plans and policies. SUMBA will operate in three steps: develop tools and guidance documents helping to realize this objective, test them in our pilot regions, and spread the results in the BSR region.



EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND





# Partnership

1. Baltic Environmental Forum Estonia
2. Baltic Environmental Forum Latvia
3. City of Tallinn, Estonia
4. Earth and People Foundation, Poland
5. German Aerospace Center
6. Olsztyn Municipality, Poland
7. Riga City Council, Latvia
8. Šiauliai City Municipality, Lithuania
9. Tartu City Government, Estonia
10. The City of Växjö, Sweden
11. The Union of Harju County Municipalities, Estonia



# Activities

[www.sumba.eu](http://www.sumba.eu)

Presenting SUMBA at CIVITAS Forum



**CiViTAS FORUM 2019**  
CIVITAS ANNUAL CONFERENCE | 2-4 OCTOBER 2019 | GRAZ | AUSTRIA



EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND



Conference on transport modelling and data management. The conference took place in December 4-5, 2018 in Tallinn, Estonia



# HA SECURE Flagship project

**Community Safety Action for  
Climate Adaptation and  
Development - CASCADE**



CASCADE project aims to improve the capacity to understand, assess, and treat current and future climate change related risks on the local level, focusing on the particular in Baltic Sea Region (BSR) conditions.

One of the main objectives of the CASCADE project is to increase the knowledge and capacity of civil protection experts and city planners by developing training courses in disaster risk reduction (DRR), including climate risk assessment and the Sendai Framework for DRR.

**<http://www.cascade-bsr.eu/>**





# Partnership

1. Southwest Finland Emergency Services, Finland
2. Union of the Baltic Cities
  - Sustainable Cities Commission, Finland
3. UBC Safe Cities Commission, Latvia
4. The Council of the Baltic Sea States (CBSS) Secretariat, Sweden
5. Swedish Civil Contingencies Agency (MSB), Sweden
6. Stockholm Environment Institute Tallinn Centre (SEI Tallinn), Estonia
7. Main School of Fire Services, Poland
8. Liepaja Municipal Police, Latvia
9. Hamburg Fire and Rescue Service, Germany
10. Frederiksborg Fire and Rescue Service (FBBR), Denmark
11. Åbo Akademi University / Centre for Lifelong Learning / Baltic University Programme, Finland



**COMMUNITY SAFETY ACTION FOR  
SUPPORTING CLIMATE ADAPTATION**

**CASCADE**

CONCEPT AND CONSORTIUM INFORMATION



Funded by  
European Union  
Civil Protection  
and Humanitarian Aid



# Activities

## **“The Sendai Framework in the Baltic Sea Region: Challenges – good practices – way forward”**

The report focuses on challenges and good practices in Sendai Framework implementation in the Baltic Sea Region, as well as it puts forward recommendations for how the work can be strengthened.

**2 background reports** and climate risks assessment methodology completed. Preparation of training curricula underway, 1st Policy Dialogue scheduled for 16 October 2019 in Kaunas at UBC General Meeting

## **“The Role of Local Governments in Adapting to the Climate: Overview of regulatory requirements and support mechanisms in the Baltic Sea Region”**

The report focuses on legislation and support mechanisms on the local level for the work with Climate Change Adaptation. The report also puts forward recommendations for the future work.

---

[http://www.cascade-bsr.eu/sites/cascade-bsr/files/outputs/the\\_sendai\\_framework\\_in\\_the\\_baltic\\_sea\\_region\\_0.pdf](http://www.cascade-bsr.eu/sites/cascade-bsr/files/outputs/the_sendai_framework_in_the_baltic_sea_region_0.pdf)

---

[http://www.cascade-bsr.eu/sites/cascade-bsr/files/outputs/the\\_role\\_of\\_local\\_governments\\_in\\_adapting\\_to\\_the\\_climate.pdf](http://www.cascade-bsr.eu/sites/cascade-bsr/files/outputs/the_role_of_local_governments_in_adapting_to_the_climate.pdf)

# CAMS project platform

## Climate Adaptation and Mitigation Synergies Energy Efficiency Platform

Aim of the CAMS platform is to learn from existing projects and facilitate, how energy efficiency measures could be co-used for increasing resilience of housing and services sector. CAMS platform develops macroregional database for energy audits, standardizes and verifies energy performance criteria for buildings and develops guidance on achieving synergy between climate change mitigation and adaptation.



# Partnership



Tartu Regional Energy Agency, Estonia  
County Administrative Board of Dalarna,  
Sweden

Permanent International Secretariat of the  
Council of the Baltic Sea States, Sweden

Ministry of Economics of Latvia, Latvia

Foundation of Energy Saving in Gdansk, Poland

Baltic Environmental Forum Latvia, Latvia

Baltic Environmental Forum Germany, Germany

Stockholm Environment Institute Tallinn

Centre, Estonia

Peter the Great St.Petersburg Polytechnic  
University, Russia

Platform coordinator: Antti Roose, TREA, ([antti.roose@trea.ee](mailto:antti.roose@trea.ee), +372 5332 8233)



## **EXPECTED OUTCOMES:**

State-of-the-art report on energy auditing

Database of energy audits on housing renovations and service sector

Policy recommendations of energy auditing

Qualification programme on energy efficient refurbishment of  
apartment buildings

Report on combining climate adaptation measures within energy  
efficiency projects in BSR

Guidelines for climate proofing energy efficiency projects in BSR

Policy recommendations for mainstreaming climate into ESIF 2021-2027

# BSR WATER project platform

BSR WATER develops an interactive online water management portal called **Baltic Smart Water Hub** to enable international knowledge and expertise exchange. An open access web portal promoting most recent good practices, technical solutions and tools developed in numerous water related projects covers four water sections: fresh-, sea-, storm and wastewater.

The infographic is divided into several sections. At the top, it features the BSR WATER logo and the title 'Platform on Integrated Water Cooperation'. Below this, a blue box contains the text: 'Enhancing cross-sectoral cooperation in smart water management by transnational experience exchange, sharing of good practices and delivering comprehensive overview of the current and future BSR policy contexts.' The middle section, titled 'Project outputs', lists four items: 'Baltic Smart Water Hub connecting experts and solutions', 'Policy recommendations on nutrient recycling', 'Integrated model for Water-Energy-Climate cooperation', and 'Recommendations for sustainable storm water management'. The bottom section, titled '10 Partner organizations', lists seven projects: 'Integrated Water Management (IWM)', 'Water Efficiency for Industrial Wastewater Treatment (WET)', 'Integrated Storm Water Management (ISWM)', 'Water resources and their utilization in urban environment (WATER)', 'Water (Sea Region) in Urban (WATER)', 'Linking Urban Wastewater (LWW)', 'Advanced research methods for sustainable water management and reduced emissions (AWARE)', and 'Cleanse (Real Using Greenhouse Gases)'. At the bottom, it provides funding details: 'Funding: Interreg BSR Programme 2014–2020', 'Duration: 1 October 2018 to 31 March 2021', and the website 'www.bsrwater.eu'. Logos for 'PLATFORM BSR WATER', 'Interreg Baltic Sea Region', and the 'European Union' are at the very bottom.

**BSR WATER**  
Platform on Integrated Water Cooperation

Enhancing cross-sectoral cooperation in smart water management by transnational experience exchange, sharing of good practices and delivering comprehensive overview of the current and future BSR policy contexts.

**Project outputs**

- Baltic Smart Water Hub connecting experts and solutions
- Policy recommendations on nutrient recycling
- Integrated model for Water-Energy-Climate cooperation
- Recommendations for sustainable storm water management

**10 Partner organizations**

**7 projects:**

- Integrated Water Management (IWM)
- Water Efficiency for Industrial Wastewater Treatment (WET)
- Integrated Storm Water Management (ISWM)
- Water resources and their utilization in urban environment (WATER)
- Water (Sea Region) in Urban (WATER)
- Linking Urban Wastewater (LWW)
- Advanced research methods for sustainable water management and reduced emissions (AWARE)
- Cleanse (Real Using Greenhouse Gases)

**Budget:** EUR 1,1 million

**Funding:** Interreg BSR Programme 2014–2020

**Duration:** 1 October 2018 to 31 March 2021

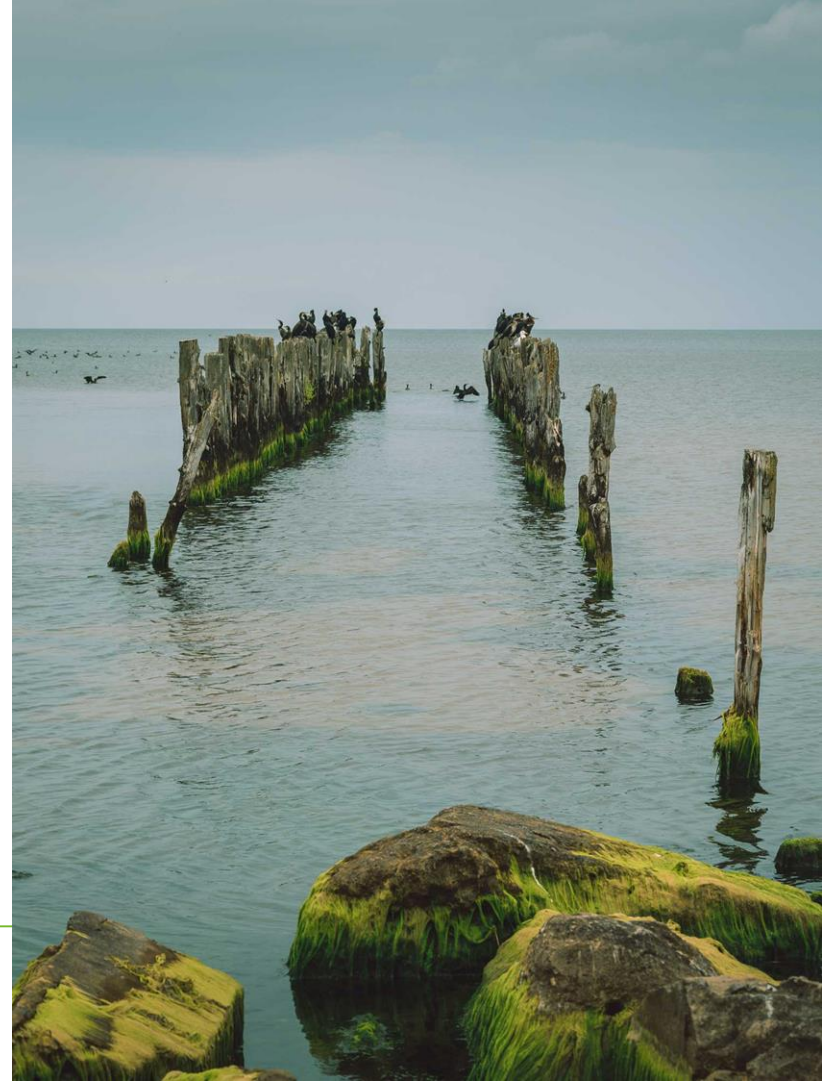
[www.bsrwater.eu](http://www.bsrwater.eu)

PLATFORM BSR WATER | Interreg Baltic Sea Region | European Union

The project aims to enhance cross-sectoral cooperation in smart water management by sharing of good practices, as well delivering comprehensive overview of the current and future regional policy. Platform brings together experts representing diverse projects that have generated many replicable as well as unique solutions, covering broad variety of water-related issues (smart nutrient management and sludge handling, storm water management, domestic and industrial wastewater treatment, manure management and energy efficiency).

# Partnership

1. Union of the Baltic Cities Sustainable Cities Commission, FI
2. Baltic Marine Environment Protection Commission - Helsinki Commission (HELCOM), FI
3. Technical University of Berlin, DE
4. University of Tartu, EE
5. Gdansk University of Technology, PL
6. SYKLI Environmental School of Finland, FI
7. Riga City Council, LV
8. City of Helsinki, FI
9. State Autonomous Institution of the Kaliningrad region "Environmental Center "ECAT-Kaliningrad", RU
10. State Geological Unitary Company "Mineral" (SC Mineral), RU



# Activities

Fostering transnational cooperation and integration among water sector experts

Developing online platform Baltic Smart Water Hub

Facilitating the regional policy dialog on sustainable water management

Sharing achievements and results of seven water projects

FORUM STRATEGOV 2019



NATIONAL GOALS  
AND TERRITORIAL  
IMPACTS



**28-29**  
**OCTOBER**  
ST PETERSBURG  
+7 (812) 363-12-60

Subscribe to  
**BSR WATER newsletter!**

Explore innovative solutions,  
good practices and tools in  
**Baltic Smart Water Hub!**

[balticwaterhub.net](http://balticwaterhub.net)



<https://www.balticwaterhub.net/>





**Thank you!**

---

**Baltic 2030 Unit**  
**International Permanent Secretariat of the CBSS**  
**Slussplan 9/ P.O. Box 2010, 103 11 Stockholm, Sweden**  
[www.cbss.org](http://www.cbss.org)