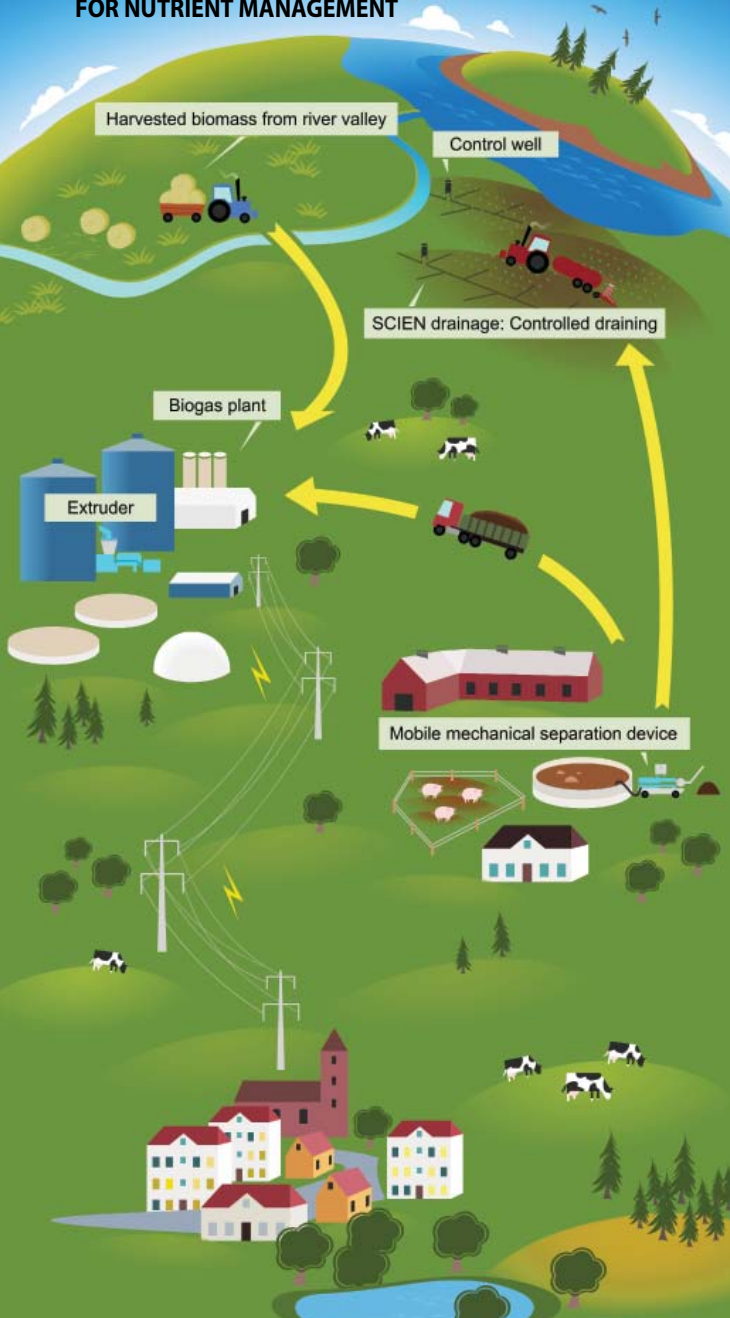



## WIN-WIN TECHNOLOGIES FOR NUTRIENT MANAGEMENT




## PARTNERS

### SLU Swedish University of Agricultural Sciences

 [www.slu.se](http://www.slu.se)  
Contact: Kaj Granholm, kaj.granholm@slu.se

### MTT Agrifood Research Finland

 [www.mtt.fi](http://www.mtt.fi)  
Contact: Markku Järvenpää, markku.jarvenpaa@mmt.fi

### LLUR State Agency for Agriculture, Environment and Rural Areas of the Federal State Schleswig-Holstein

 [www.schleswig-holstein.de](http://www.schleswig-holstein.de)  
Contact: Uwe Rammert, Uwe.Rammert@llur.landsh.de


### ABP Agro Business Park

 [www.agropark.dk](http://www.agropark.dk)  
Contact: Henning Lyngsø Foged, hlf@agropark.dk


### ZSA Union Farmers Parliament

 [www.zemniekusaeima.lv](http://www.zemniekusaeima.lv)  
Contact: Zanda Kruklite, zsa@zemniekusaeima.lv

### Vecauce Ltd.

 <http://eng.llu.lv/?mi=542>  
Contact: Iveta Grudovska, iveta\_grudovska@inbox.lv

### Swedish Board of Agriculture (Jordbruksverket)

 [www.jordbruksverket.se](http://www.jordbruksverket.se)  
Contact: Emma Svensson, emma.svensson@jordbruksverket.se

[www.balticcompass.org/balticcompact](http://www.balticcompass.org/balticcompact)



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**Baltic Compact**



# Baltic Compact

THE BALTIC SEA REGION - OUR COMMON RESOURCE

[WWW.BALTICCOMPASS.ORG/BALTICCOMPACT](http://WWW.BALTICCOMPASS.ORG/BALTICCOMPACT)

## BALTIC COMPACT IN BRIEF

Baltic Compact is an extension stage project to the strategic pan-Baltic project Baltic COMPASS. It promotes a balanced agro-environment governance approach: sound regulation and economic incentives in parallel with supporting local level collective management.

Experiences from Baltic COMPASS indicate that agro-environment measures are more cost-effective if they are locally adapted, and that there is a lack of understanding for environmental measures as being beneficial for business development.

Baltic Compact believes that the key to reduce the eutrophication of the Baltic Sea is found in a dialogue between all interested parties. We need to strengthen the local level influence in planning and implementation of environmental measures and to identify and use the measures that can bring profit both in monetary and environmental terms.

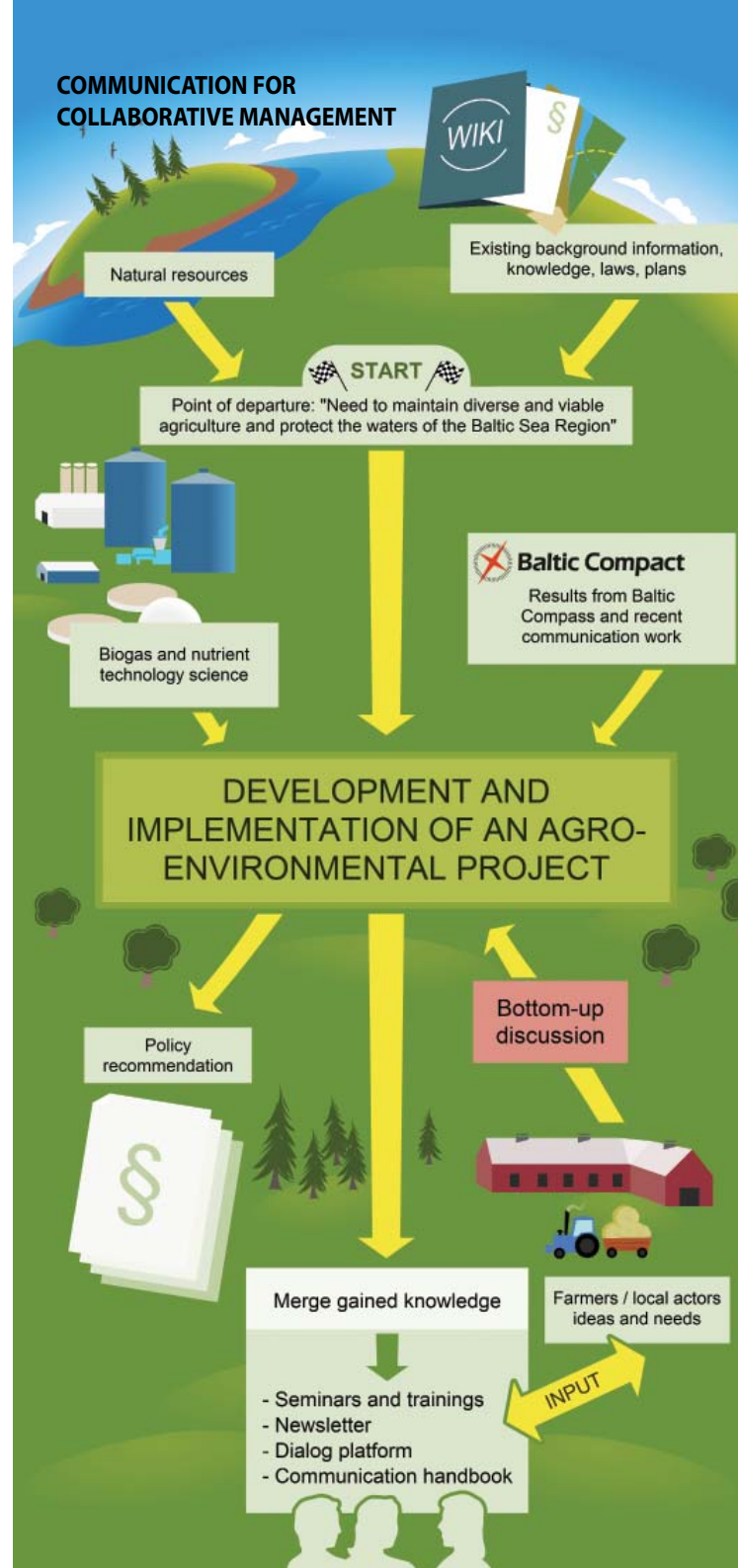
## TECHNOLOGY

Baltic Compact promotes win-win measures for economy and the environment via information and investments.

The project demonstrates advanced drainage solutions where nutrients can be retained in the field or in a nearby installation. This means that more nutrients can be recycled. The solutions are referred to as SCIEN (sustainable, controlled, intelligent, environmental friendly and nutrient loss mitigating) drainage and are technologies which can be added-on to existing drainage systems.

The project also invests in techniques to optimize biogas production from livestock manure. Sufficient storage capacity and good spreading equipment are fundamental pre-conditions for optimal utilisation of the high-value nitrogen in digestate.

By focusing on livestock manure and other waste products as the substrates for biogas production, rather than food and energy crops, it is ensured that the biogas plants deliver environmental services in the form of reduced loss of nutrients and emission of greenhouse gases to the environment.



## COMMUNICATION

Baltic Compact takes up the challenge to promote improved communication to increase the local involvement in the difficult task of integrating agricultural and environmental policies.

In Baltic COMPASS a communication model was developed to facilitate farmers' participation in the planning and implementation of agro-environment measures, to help spread their knowledge to administrative bodies. This model will be tested and further evaluated throughout the duration of Baltic Compact.

The project will also look into existing policy frameworks and legislation in the Baltic Sea Region, to find the best ways to implement this bottom-up approach.



### AgroTechnologyATLAS

The AgroTechnologyATLAS is established as a web-based platform to facilitate exchange of science-based information about innovative agro-environmental technologies in the Baltic Sea Region. Legally, the role of the ATLAS is linked to EU's Industrial Emissions Directive (75/2010/EU) in particular as well as other EU and national agro-environmental legislation.

It holds information about recognized agro-environmental technologies, divided in 11 groups; it contains several hundred datasets of seven different types of organic material and biomasses, such as end and by-products from manure processing; five tools are available for scenario calculations, such as a pre-feasibility calculation tool for biogas plants.

Several hundred users are registered at the ATLAS and receive an electronic newsletter around four times per year - a newsletter which also serves as a Baltic Compact information channel. A wealth of scientific reports and other information can be found at the ATLAS.

[agro-technology-atlas.eu](http://agro-technology-atlas.eu)