



Ympäristöministeriö  
Miljöministeriet  
Ministry of the Environment



## HELCOM Workshop on manure nutrient content in the Baltic Sea countries 19-20 November 2015, Vantaa, Finland

The HELCOM workshop on manure nutrient content in the Baltic Sea countries is co-organized by the Ministry of the Environment, Natural Resources Institute Finland (Luke) and HELCOM.

The workshop is aimed at representatives of agricultural and environmental authorities and research organizations in the Baltic Sea countries, representatives of the European Union, and HELCOM Observers.

### Where are we now?

Sustainable agricultural production is one of the key elements for reaching a good state of the Baltic Sea marine environment. Effective manure management can bring significant opportunities for decreased nutrient losses to the sea and also enhance nutrient recycling.

The HELCOM Group on Sustainable Agricultural Practices provides a platform for agri-environmental policy measures and instruments and joint discussion on the Baltic agriculture in the context of the protection of the marine environment, in order to address nutrient inputs and emissions from agriculture.

The Baltic Sea countries agreed at the 2013 HELCOM Ministerial Meeting to promote and advance towards applying by 2018 at the latest annual nutrient accounting at farm level, to establish by 2016 national guidelines or standards for nutrient content in manure and to develop by 2018 guidelines/recommendation on the use of such standards. The HELCOM Agri group has identified these measures closely related to the principles of circular economy as their key priorities.

The HELCOM workshop focused on the promotion of nutrient accounting held in Oldenburg, Germany, in April 2015 highlighted a strong need to elaborate nutrient standard systems, which are applicable in all the Baltic Sea countries and create a joint basis for nutrient accounting and management. The Agri group agreed to organize a workshop focused on standards of nutrient content in manure and welcomed the offer by Finland to host the event.

Examples of manure standards already exist in some Baltic Sea countries. Such standards are seen as an opportunity to unify understanding on manure quality and thus building a joint basis for manure management and fertiliser use.

### Why do we need a workshop?

The aim of the workshop is to consider manure standards in more detail and propose how common methodologies could be derived or developed. The workshop also functions as a platform to discuss establishing and seeking finances for a new regional project on creating widely accepted manure standards in the Baltic Sea countries. The outcome of the workshop will be reported to the next meeting of the HELCOM Group on Sustainable Agriculture (AGRI 3-2016) to be held in April 2016.



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## Programme

Thursday, 19 November

Venue: Premises of Natural Resources Institute Finland, Jokiniemenkuja 1, Vantaa, Finland

Chair: Marja-Liisa Tapio-Biström, Ministry of Agriculture and Forestry

<b>9:00 Opening</b>
Welcoming words by the organizers <i>Monika Stankiewicz, HELCOM</i> <i>Leena-Marja Kauranne, Ministry of the Environment</i>
Presentation of the Proceedings of the workshop on nutrient bookkeeping <i>Dietrich Schulz, Federal Environment Agency</i>
<b>9:20 Introduction</b>
HELCOM framework for introducing a system of manure standards in the Baltic Sea region <i>Dmitry Frank-Kamenetsky, HELCOM</i>
Why is a system for nutrient standards in manure required? <i>Sari Luostarinen, Natural Resources Institute Finland</i>
<b>9:50 Country presentations</b>
Denmark <i>Peter Lund, Aarhus University</i>
Estonia <i>Allan Kaasik, Estonian University of Life Sciences</i>
<b>10:30 Break</b>
Finland <i>Juha Grönroos, Finnish Environment Institute</i>
Germany <i>Dietrich Schulz, Federal Environment Agency</i>
Latvia <i>Iveta Ozolina, Ministry of Agriculture</i>
<b>11:45 Discussion</b>
<b>12:00 Lunch</b>



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### 13:00 Country presentations continue

Poland

*Jacek Walczak, National Research Institute of Animal Production*

*Karina Makarewicz, Ministry of Agriculture and Rural Development*

Russia

*Vladislav Minin, Institute of Agri Engineering and Environment Problems of Agriculture*

Sweden

*Lena Rodhe, Swedish Institute of Agricultural and Environmental Engineering*

### 14:00 Commentary

Global experiences with Manure Nutrient Contents

*Mikhail Durkin, Coalition Clean Baltic*

### 14:20 Discussion

### 14:30 Break

### 14:45 Group work

Group work and discussion:

Moderators: *Sari Luostarinen, Natural Resources Institute Finland*

*Mikhail Durkin, Coalition Clean Baltic*

### 16:15 – 16:30 Wrap up of day 1

### 18:00 Dinner at Original Sokos Hotel Vantaa

Friday, 20 November

Chair: Marja-Liisa Tapio-Biström, Ministry of Agriculture and Forestry

### 9:00 International cooperation

New regional project on manure nutrient standards in the Baltic Sea countries

Discussion and plans to proceed

### 10:30 Break

### 10:45 Next steps

Next steps toward introducing a system of manure standards in the Baltic Sea region in the light of implementation of the 2013 HELCOM Ministerial Meeting commitments

### 12:15 Closing of the workshop

### 12:30 Lunch