



# CAP and the eutrophication of the Baltic Sea

*Ottilia Thoreson,  
WWF Baltic Ecoregion Programme  
CAP 2020. Towards sustainable  
agriculture  
Tallinn, Estonia  
1 September, 2017*





# WWF Baltic Ecoregion Programme

WWF Denmark

WWF Finland

WWF Germany

WWF Poland

WWF Russia

WWF Sweden

Baltic Fund for Nature (Russia)

Estonian Fund for Nature

Lithuanian Fund for Nature

Pasaules Dabas Fonds (Latvia)



LITHUANIAN  
FUND FOR  
NATURE



**Pasaules  
Dabas  
Fonds**  
in association with

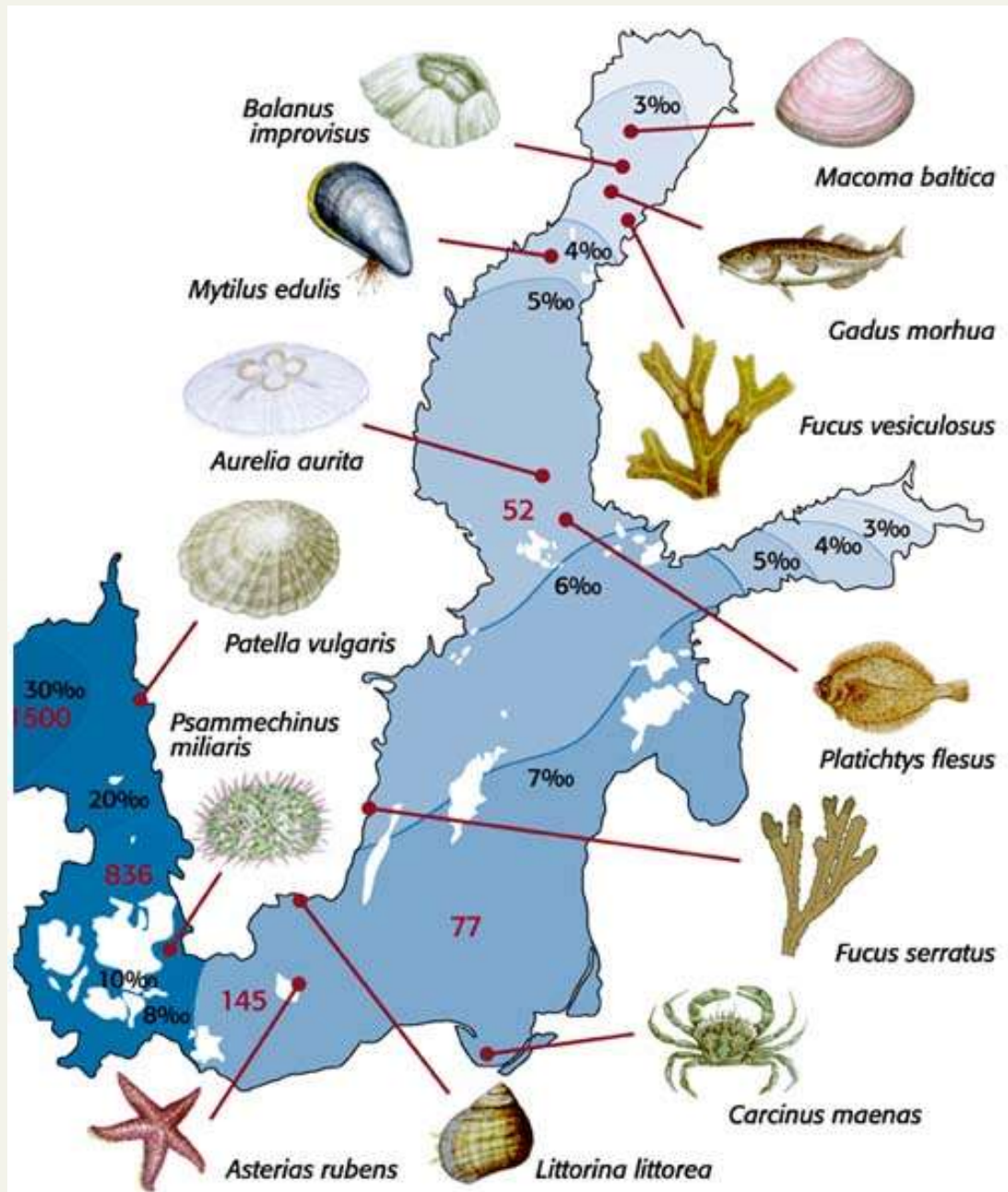


# Unique and Sensitive





# Largest Brackish Water Basin





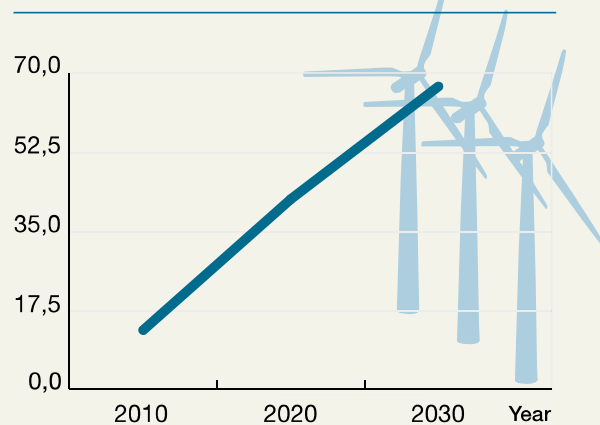
The sea is getting crowded!



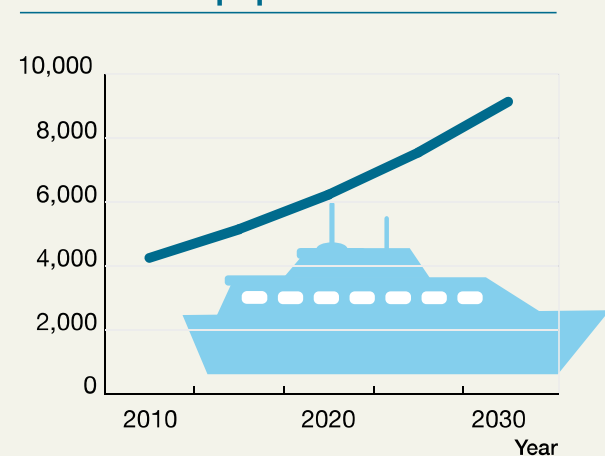
# Future growth of the Baltic Sea Region Blue Economy

*Estimated growth up to 2030*

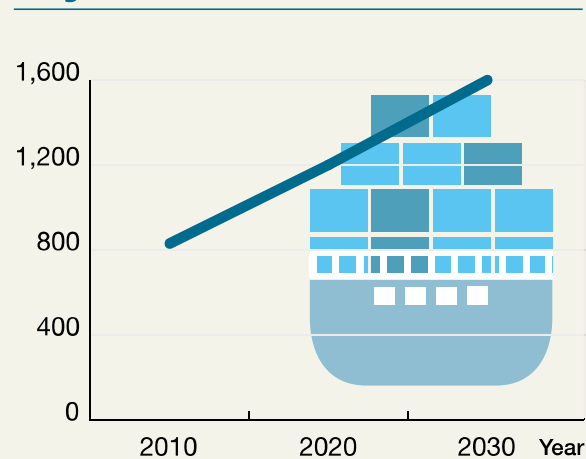
## Number of Offshore Wind Farms



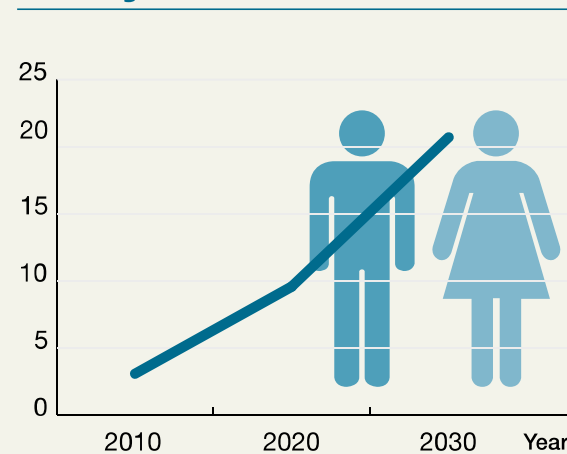
## Number of Ships per Month



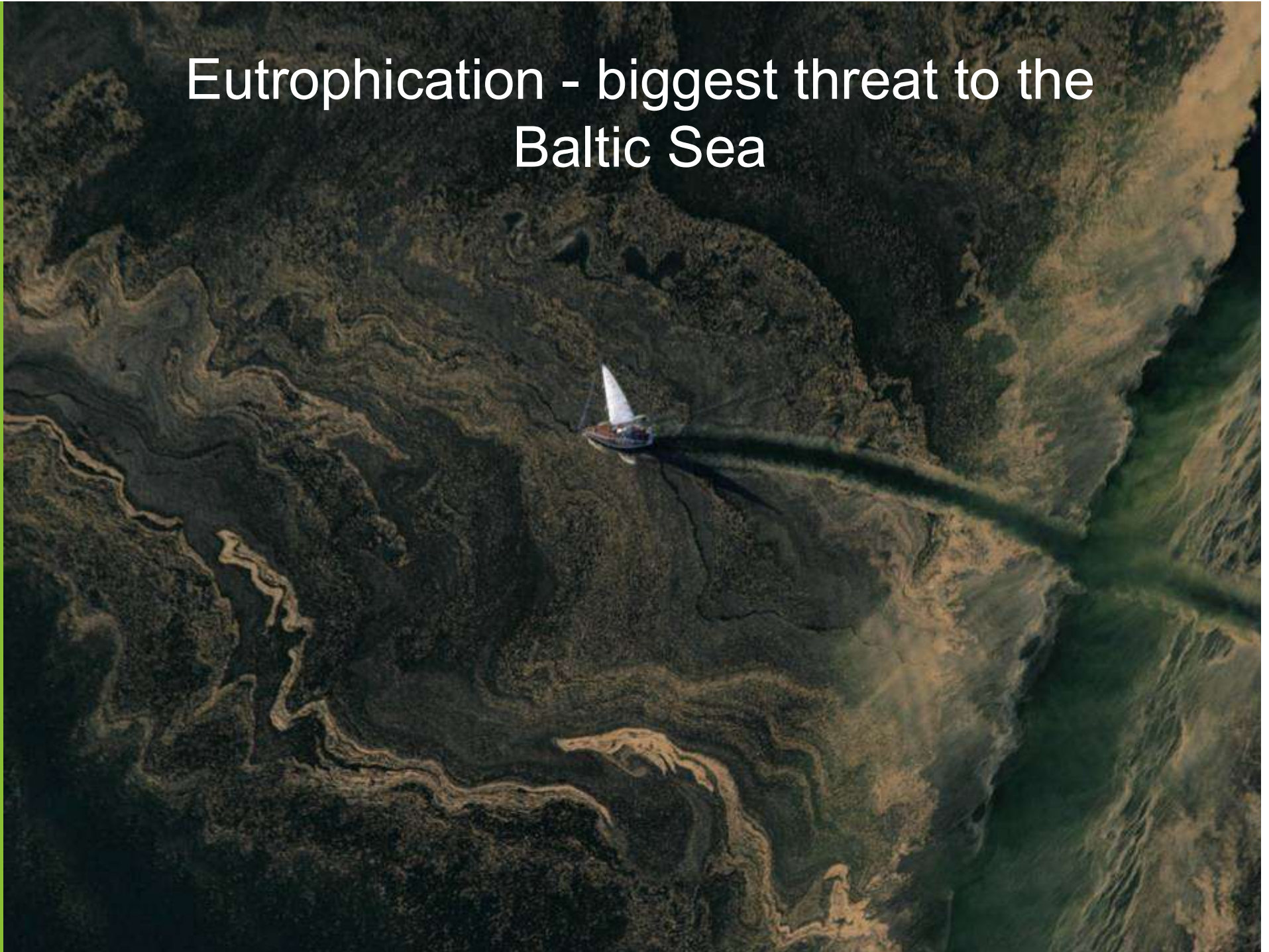
## Cargo (million tonnes)



## Passengers (million)



# Eutrophication - biggest threat to the Baltic Sea







# The effects of dead zones



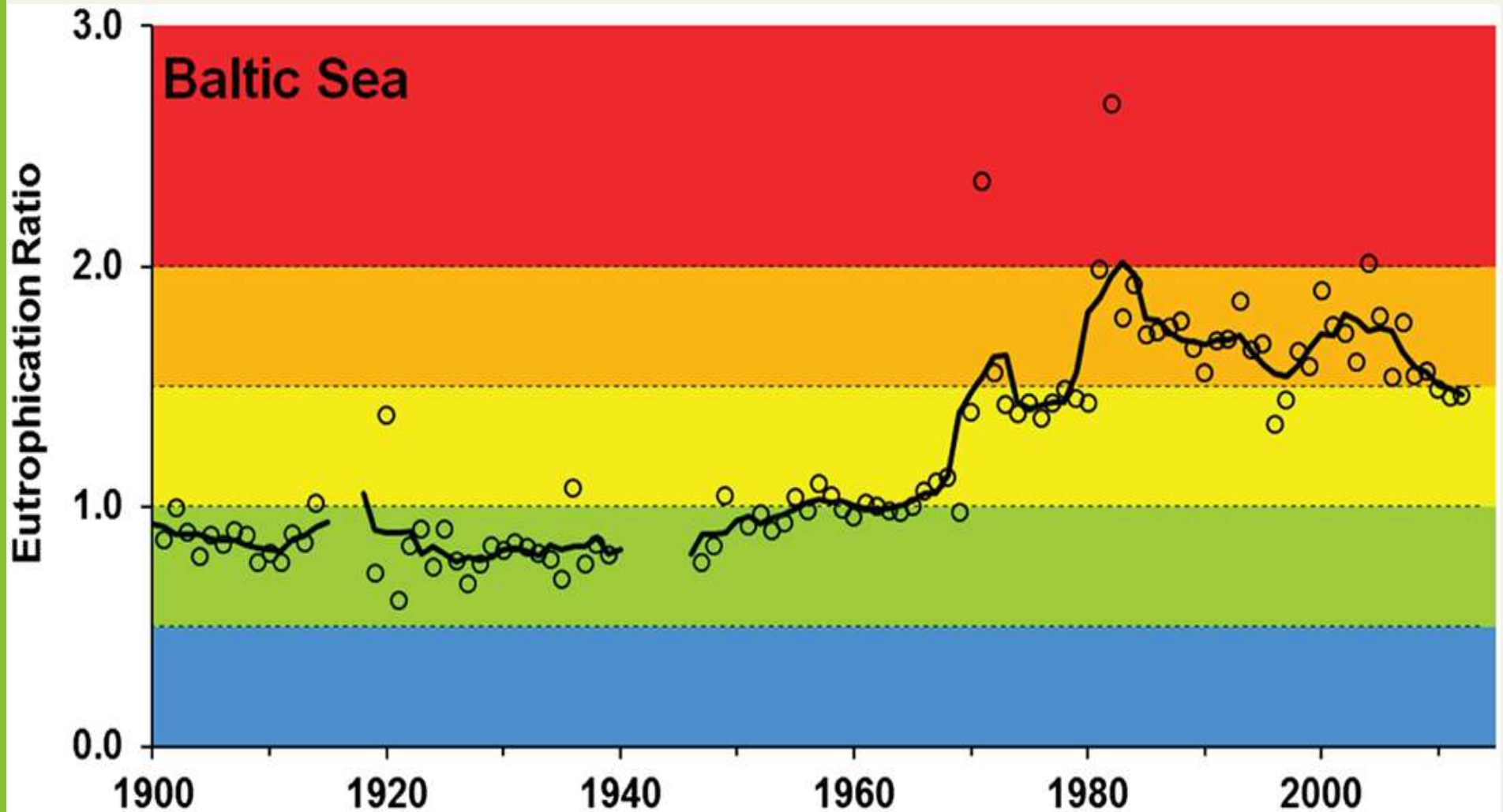
Courtesy of Fishman: Björn Ulup

Agriculture is the largest source of nutrients: Phosphorous & Nitrogen





# Signs of improvement to the Baltic Sea

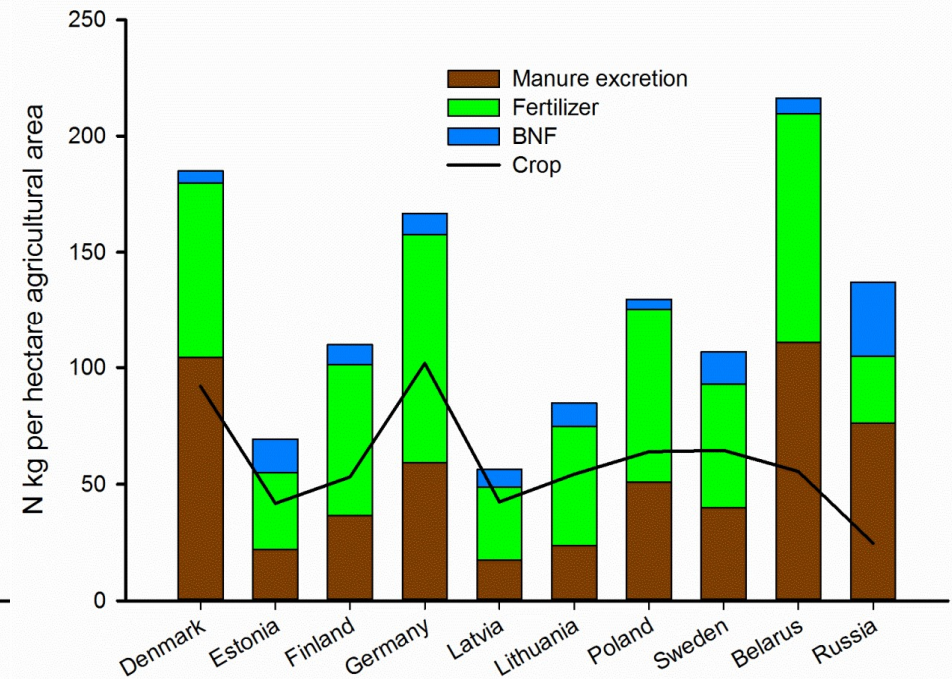
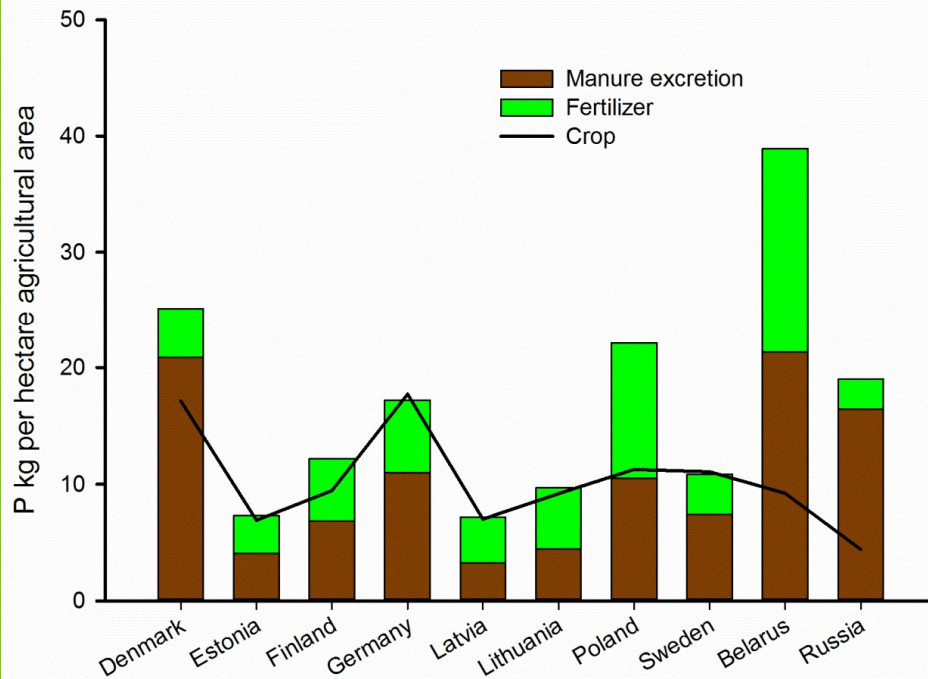


Biological Reviews 14 OCT 2015 DOI: 10.1111/brv.12221

<http://onlinelibrary.wiley.com/doi/10.1111/brv.12221/full#brv12221-fig-0007>



# Opportunity to improve nutrient use efficiency



- **Baltic Sea catchment surplus**
  - **1,5 million tons N**
  - **0,2 million tons P**

Source: Hong et al. 2016



Hands-on projects promoting agri-environmental measures and farmers leading the way



**SNOWBAL**

Saving the sea from Nutrient Overload by managing grasslands/Wetlands BAltically



CENTRAL BALTIC  
INTERREG IV A  
PROGRAMME  
2007-2013



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
**INVESTING IN YOUR FUTURE**



**SNOWBAL**

Saving the sea from Nutrient Overload by managing grasslands/Wetlands BAltically



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
**INVESTING IN YOUR FUTURE**

Not enough – need a reform of the CAP







WWF

EVENT

APRIL

2012

LUNCHTIME MEETING

## VOICES FROM THE FARM

European farmers explain their vision for Rural Development in the next CAP



**Date:** Tuesday 24<sup>th</sup> April, 2012, 12.30-14.30  
**Location:** Members' Salon, European Parliament  
**Hosted by:** Karin Kadenbach, MEP and Marit Paulsen, MEP

WWF invites you to a lunchtime discussion on the future of rural development in the Common Agricultural Policy reform with farmers from across the EU.

The champion environmental farmers will address some of the core issues needed to improve the rural development policy. The visiting farmers are livestock, mixed and arable farmers from Poland, Sweden, Finland, Bulgaria, Italy and Romania. They will share experiences of existing sustainable farming practices and rural development initiatives, as well as their practical vision for the next CAP.

Focus issues will be:

- What Agri Aware needs to thrive;
- EU support for High Value Natural farming areas;
- Added value from farm advisory services;
- What the Leader programme can offer rural economies and farmers.

WWF believes that rural development measures to support sustainable agricultural practices offer the best value for money for society and Europe's taxpayers, and that EU funding for these measures should be increased in the new CAP.

Please RSVP (before the 17<sup>th</sup> April) to reserve your lunch place to: [tvandermaesen@wwf.eu](mailto:tvandermaesen@wwf.eu)



for a living planet®



A vision for a new contact between land-managers and society

# A Common Environment and Rural Policy

WWF Baltic Ecoregion Programme 2010

# Public Money for Public Goods

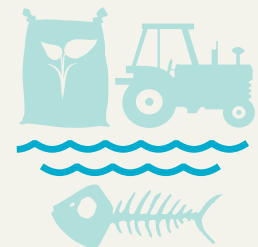




# A Sustainable Blue Economy requires an equally *Green* and *Circular* economy on land

- **Land-based sources are responsible for the vast majority of marine pollution** – globally as well as in the Baltic Sea
- **The Blue, Green and Circular Economy agendas must merge ...** to ensure that all economic activities operate in such a way that the natural capital on which they depend is restored, protected and maintained

Land-based sources are responsible for 80% of marine pollution



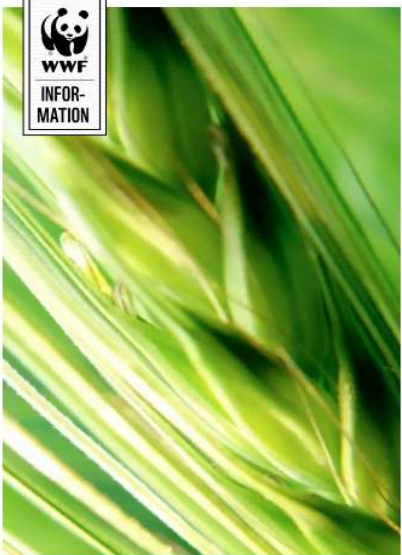


Thank you!  
Aitäh!

# WWF Baltic Sea Farmer of the Year Award



# Award for innovative farmers



Baltic Sea Agricultural 'Solutions'  
**Best Practices  
of 'Baltic-friendly'  
Agriculture**

WWF Baltic Ecoregion Programme



FEDERATION OF  
SWEDISH FARMERS



Ltd "Latvian Rural Advisory  
and Training Centre"



KNOWLEDGE CENTRE  
FOR AGRICULTURE





Illustrating impressive and diverse range of effective measures to reduce the threat of eutrophication



Juhan Särgava  
National Winner of Estonia & Regional Winner





WWF

WWF BALTIC  
ECOREGION  
PROGRAMME



# WWF BALTIC SEA FARMER OF THE YEAR AWARD

## - Criteria and Nomination Form 2018

Futuristisklipp

WWF, in cooperation with farmer organizations from around the Baltic Sea, is launching its 2018 competition to highlight best practices in “Baltic-friendly”