



EUSBSR EU STRATEGY FOR THE BALTIC SEA REGION

Bioeconomy in the EU:s strategy for the Baltic Sea Region

The first macro regional strategy in the EU

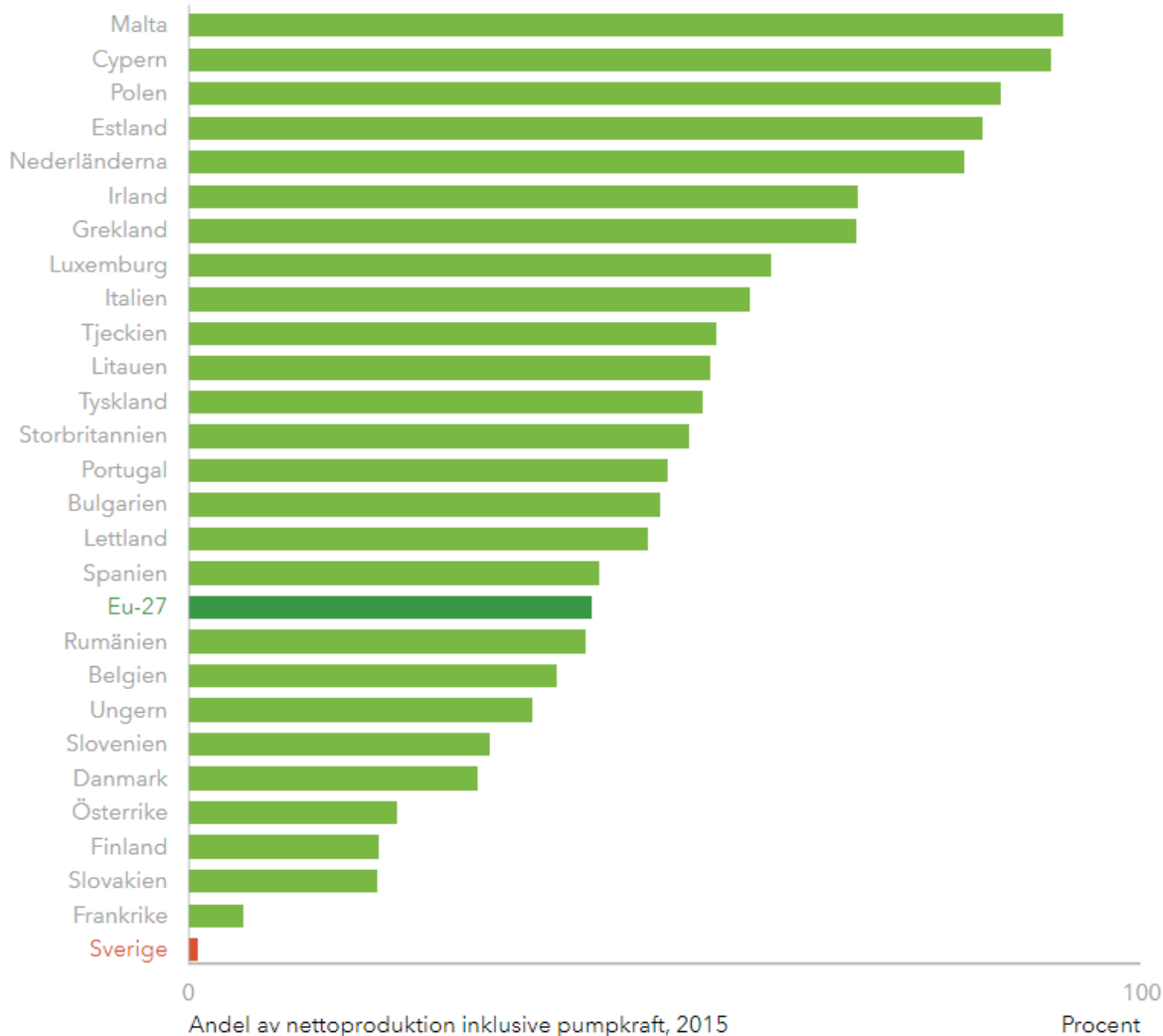
Bioeconomi is:

- a sustainable production and use of marine and landbased natural resources.
- a cross sectorial approach based on a **circular** economy
- a way to develop a non fossil based economy
- an economy based on the photosynthesis and with industrial processes to use the natural materials as optimal and **circular** as possible
- Contributes directly to many of the UN Sustainable Development Goals in Agenda 2030



Bioeconomy creates global well-being
Value from forest, water and waste

Fossil based electricity production in the EU



Percentage fossil based fuels in Swedish sectors.



Källa: Energimyndigheten

Not only fuels:

Products like plastics, textile, pharmacy, cosmetics are often fossil based as well



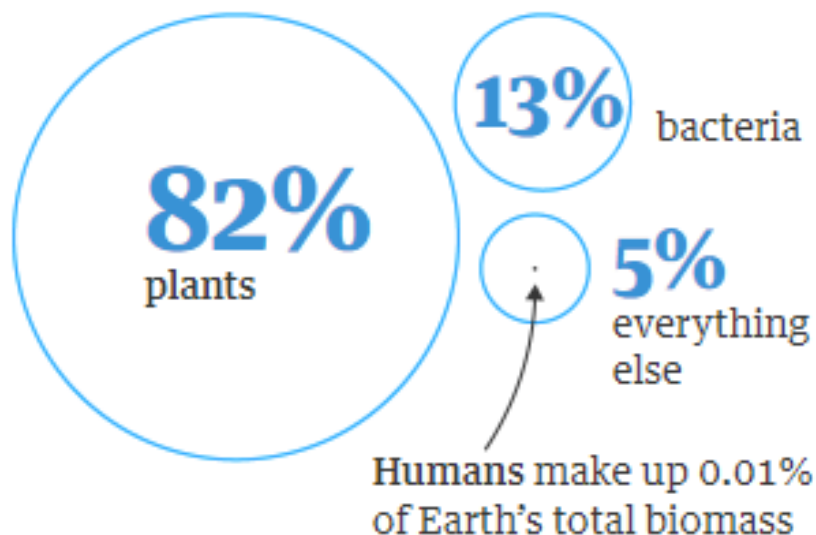
Can biobased resources replace this?

- **Replace**
 - Wood-based pharmaceuticals, UPM Biochemicals / Finland
 - Fish feed from seaweed, BlueGreenFuture / Faroe Islands
- **Upgrade**
 - Maximum value from every part of the cod, Codland / Iceland
 - Upgrading plant materials to high-value products, BioValue SPIR / Denmark
- **Circulate**
 - Responsibly produced rainbow trout, Raisogro Ltd / Finland
 - Seaweed for food, feed and fuel, Seafarm / Sweden
- **Collaborate**
 - Town transition to a carbon-neutral society, The municipality of Ii / Finland
 - From technology park to biorefinery cluster, SP Processum / Sweden

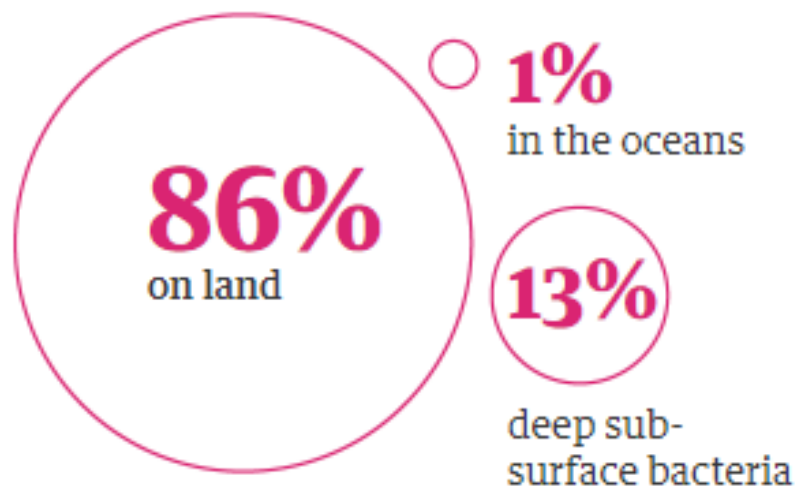
25 cases for sustainable change

The total biomass of the human race accounts for just 0.01% of the life on Earth

All life on Earth is made up of ...



... and found in ...

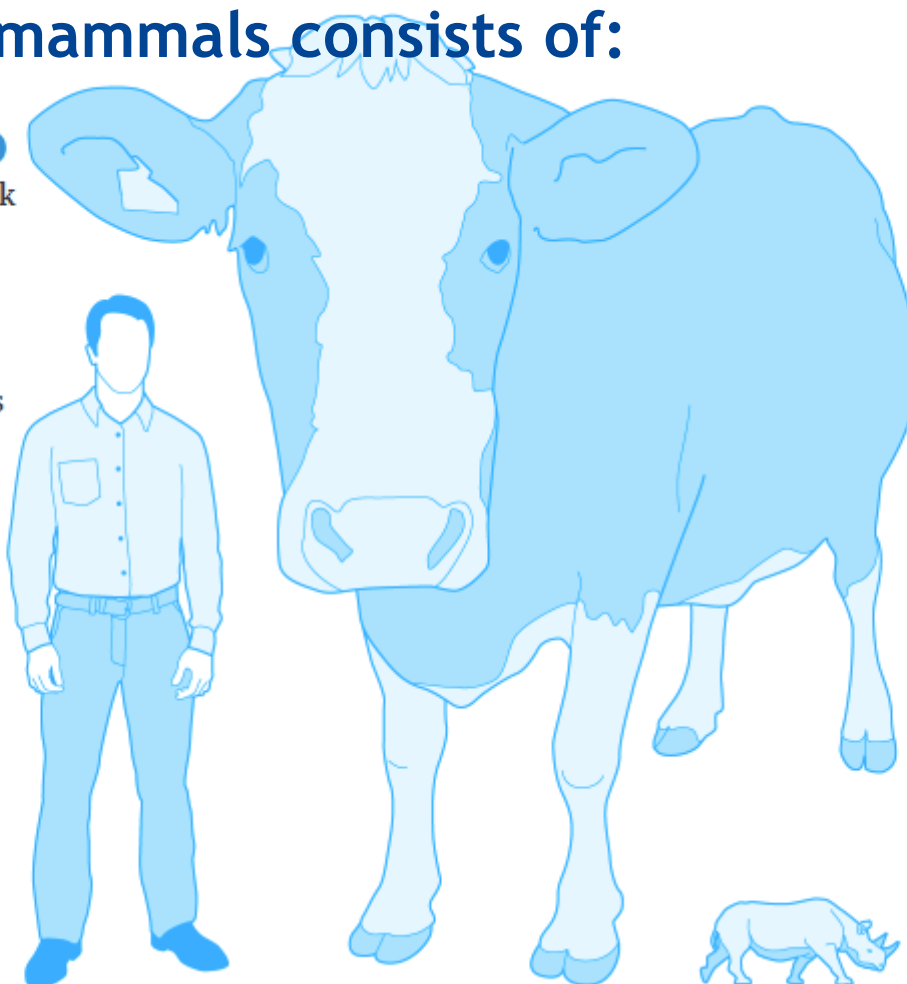


Guardian graphic.

The biomass of the mammals consists of:

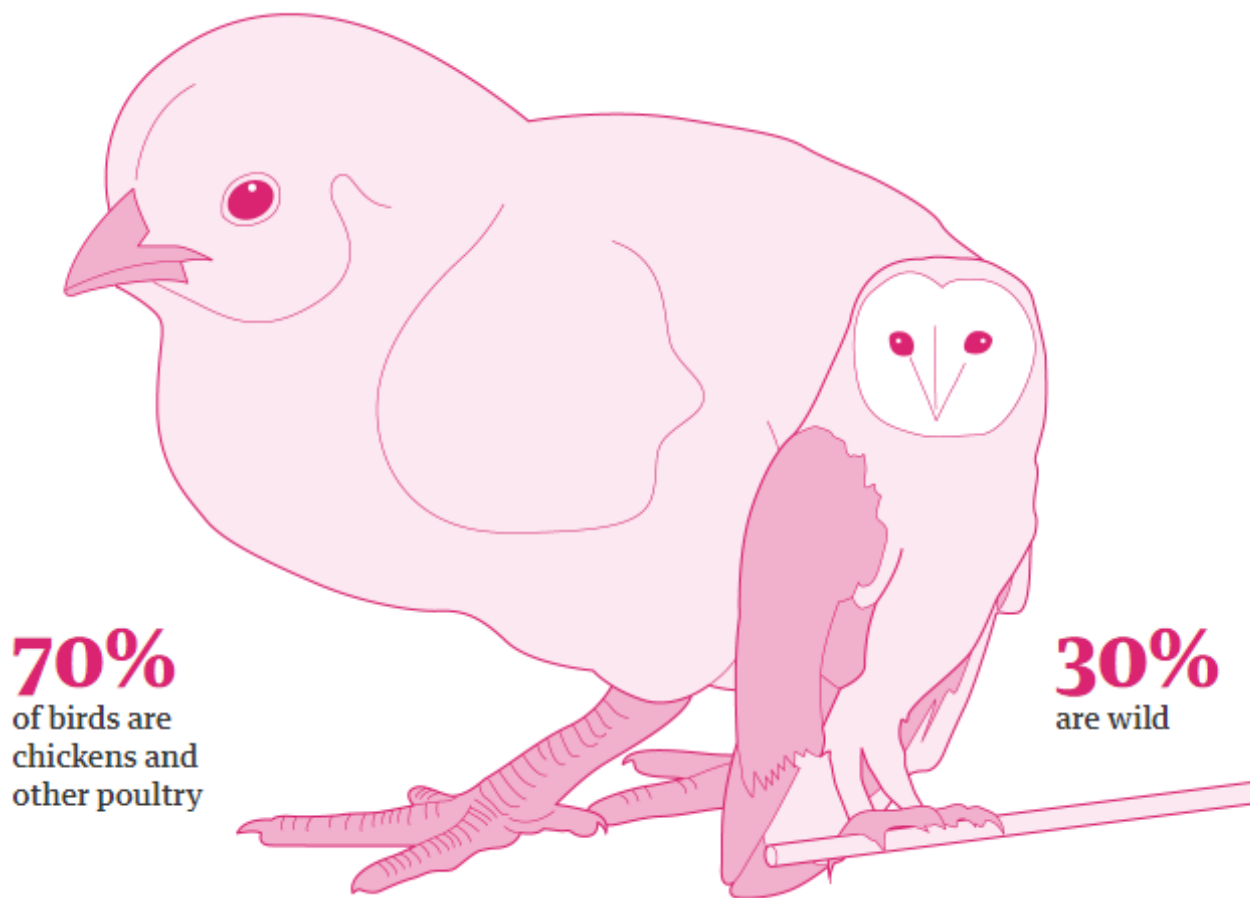
60%
are livestock

36%
are humans



4%
are wild
mammals

Of the birds biomass:





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What is this macro regional strategy?

**THE BALTIC SEA REGION
STRATEGY FOR BEGINNERS**

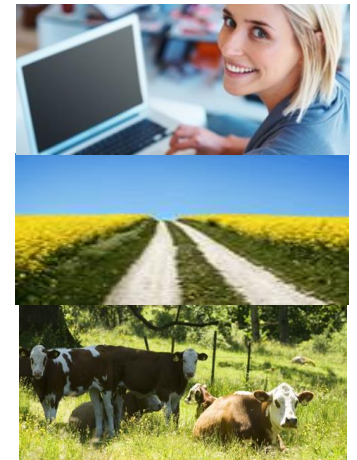
A strategy for the whole region

- Common challenges
- Common history
- A threatened sea basin
- Pollutions
- Extensive shipping
- Of the 9 states around the Baltic Sea, 8 are EU members
- A tool to reach EU 2020



No additional funding nor new programs

- Use the existing EU funds for the common goals!
 - Use also other funding sources!
 - Use transnational cooperation!
-
- Does not follow the EU program periods
 - Reaches over many sectors and DG:s
 - The Action Plan is updated every two years



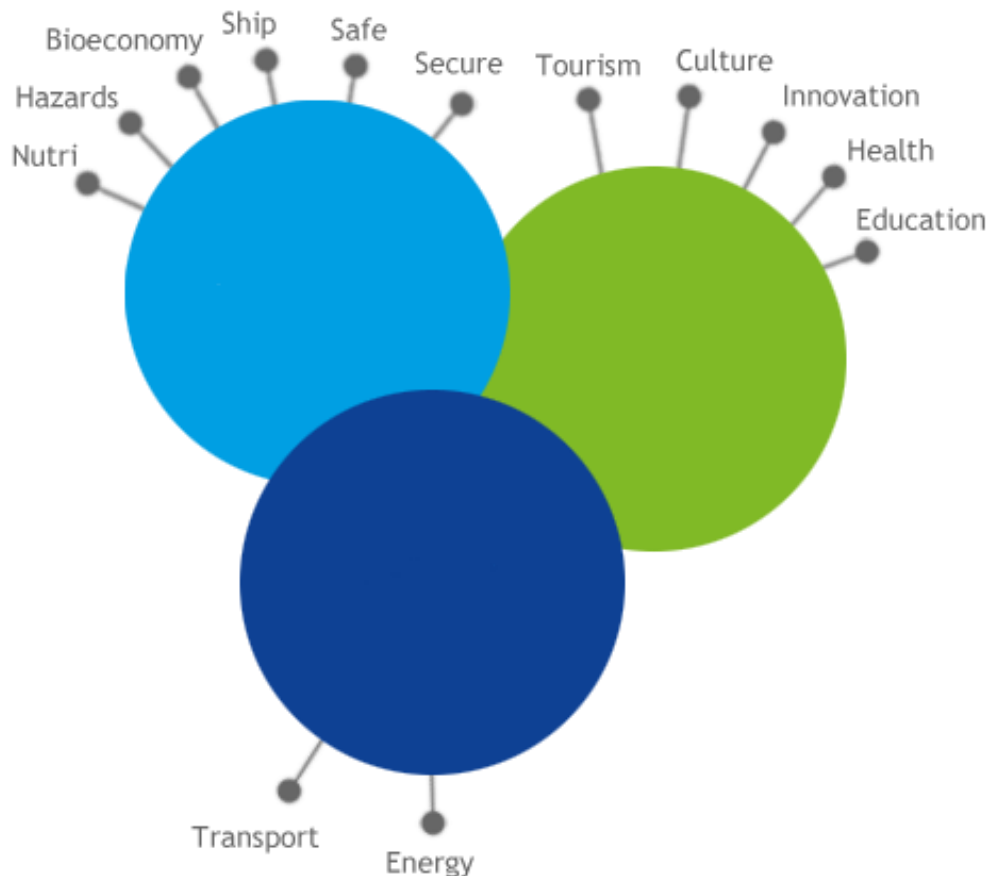
Not only the sea and the coast Not only the environment

- The whole countries
 - Finland
 - Estonia
 - Latvia
 - Lithuania
 - Poland
 - Germany
 - Denmark
 - Sweden
-
- Russia
 - Norway
 - Iceland
 - Belarus
- Save the Sea
 - Connect the region
 - Increase prosperity



13 policy areas - 4 horizontal actions

- Nutri
- Hazards
- Bioeconomy
- Ship
- Safe
- Secure
- Tourism
- Culture
- Innovation
- Health
- Education
- Transport
- Energy
- Horizontal actions



Spatial
Planning

Neighbours

Capacity

Climate

For each policy area there is a country responsible as coordinator - PAC

- Bioeconomy umbrella
 - Nordic Council of Ministers

Three sub areas:

- Agriculture and Forestry
 - Finland
- Fishery and Aquaculture
 - Sweden
- Rural development
 - Lithuania



PAC - Policy Area Coordinator

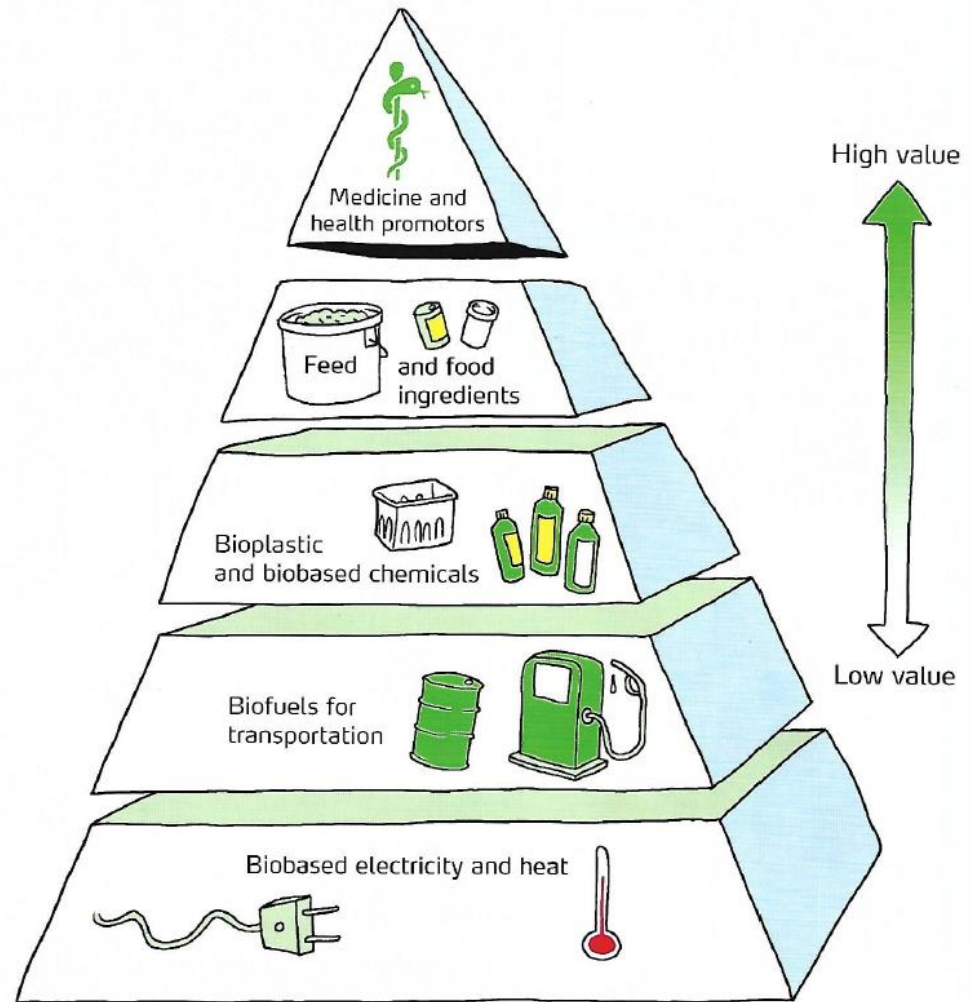
- Facilitate involvement of and cooperation with relevant stakeholders
- Facilitate policy discussions in the Baltic Sea Region
- Facilitate development and implementation of actions and flagship projects
- **Promote cooperation so it can have an impact on policies**

What is happening

- The Baltic Sea Region Bioeconomy Council
- BALTFISH, cooperation between national Ministries
- Partner in the Interreg-project Blue Platform
- Baltic Leadership Program - Bioeconomy Youth
- BSR EAFRD network
- BSR EMFF network
- Flagship projects:
 - [Baltic Slurry Acidification](#)
 - [Bonus Blue Webs](#)
 - [Bonus Promise, phosphorous recycling](#)
 - [Nutrinflow](#) reducing nutrient losses
 - [Attractive Hardwoods](#)
 - [Retrout](#)
 - Project Platform **SuMaNu**
 - **Bioeconomy strategies, FI, LT.....**

What can we do more

- Replace
- Circulate
- Upgrade
- **Collaborate**





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www.jordbruksverket.se/ostersjostrategin

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www.regeringen.se/sverige-i-eu/eus-ostersjostrategi/