

Macroalgae in the Baltic Sea

Latvian Institute of Aquatic Ecology

Ieva Barda

25th May, 2021

Fucus



<http://stateofthebalticsea.helcom.fi/biodiversity-and-its-status/benthic-habitats/>

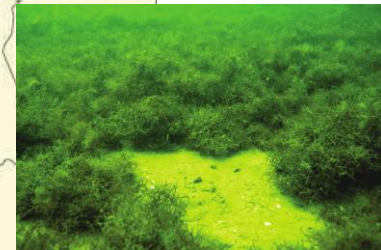
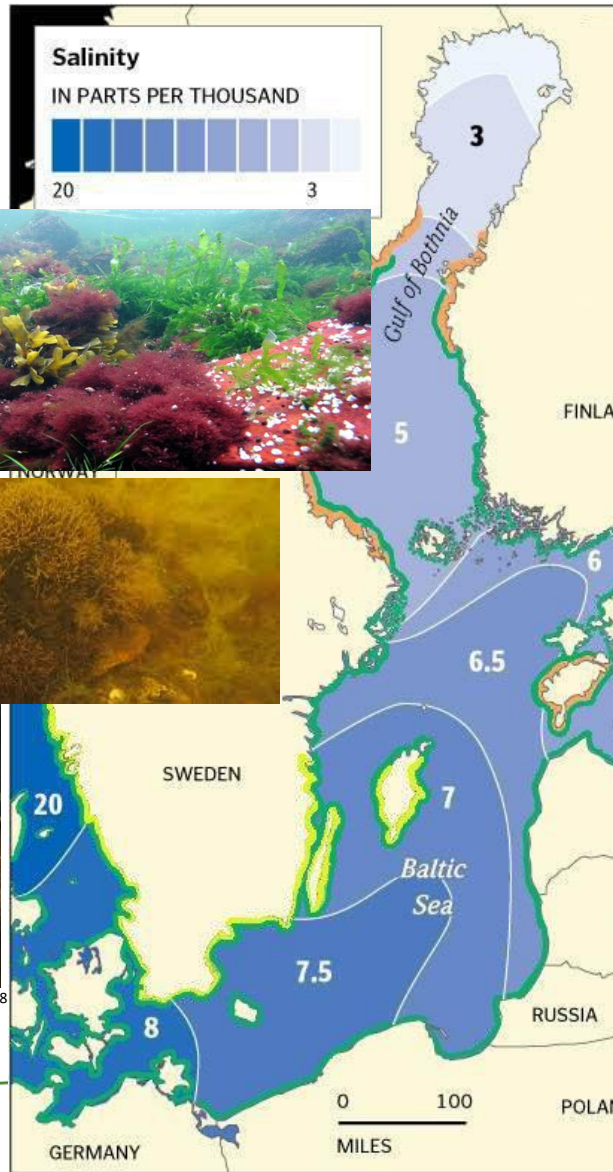


Photo: K. Kaljurand

Furcellaria



<http://www.guiamarina.com/gallery/index.php?category/1405>



<https://balticseaweed.com/tag/fucus-serratus/>

Saccharina latissima



Photo: V. Westermarck - NORWAY



<http://www.guiamarina.com/gallery/picture.php?1480/category/1378>



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Benefits for environment

3

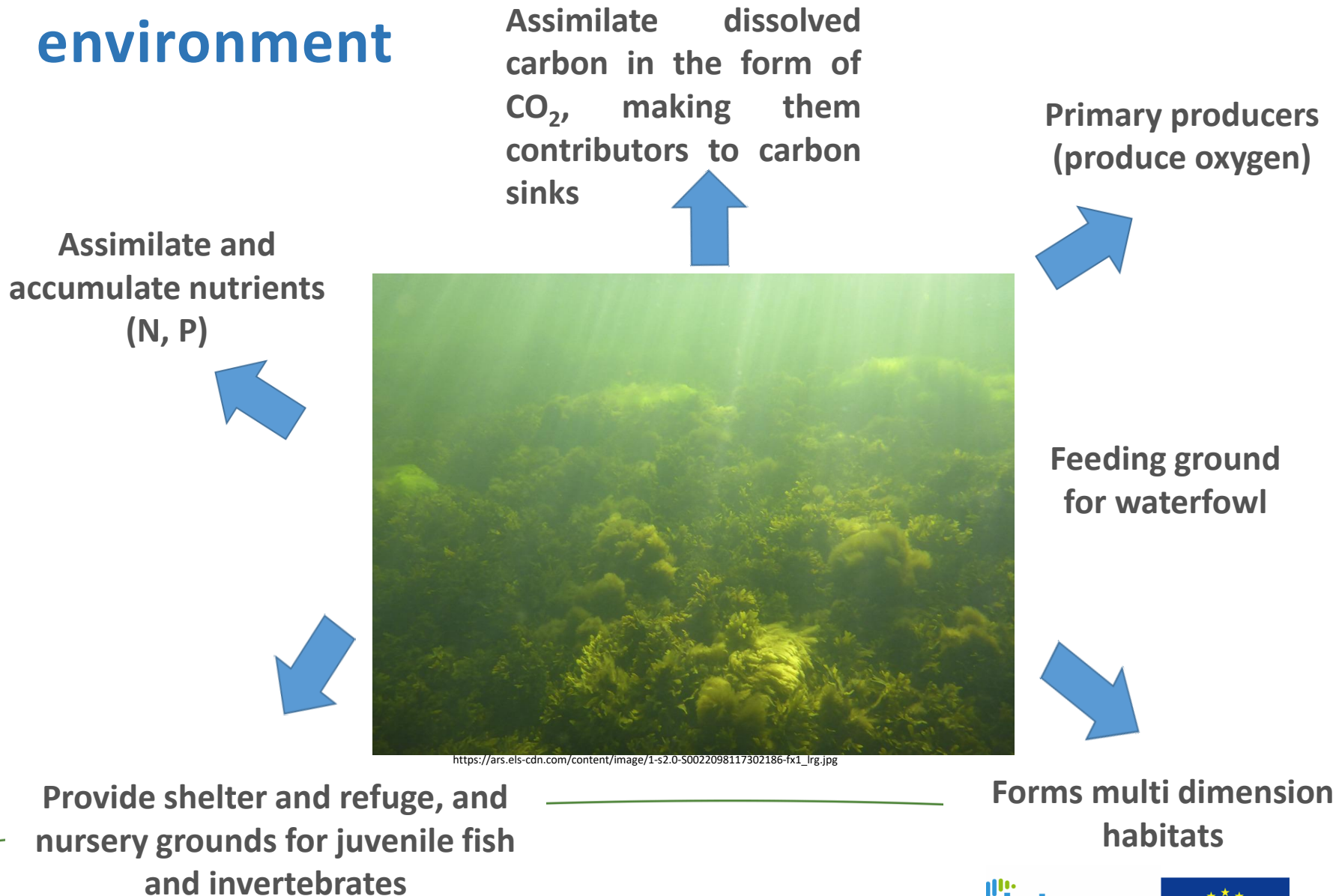




Photo: O. Bikovens

Pharmaceuticals



Cosmetics

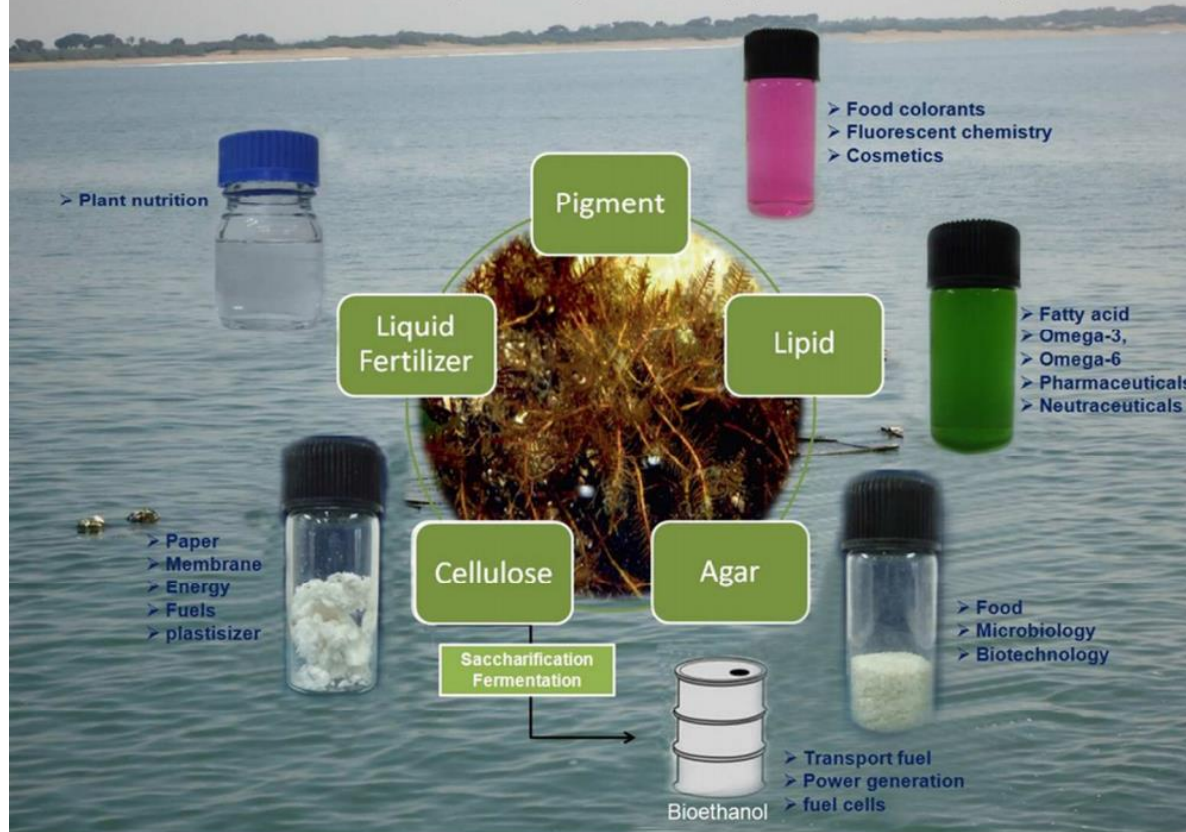
Bioplastics



Biotextile

Soli fertilizers

Products extracted from macroalgae through biorefinery process and their applications



Baghel, R. S., Trivedi, N., Gupta, V., Neori, A., Reddy, C. R. K., Lali, A., & Jha, B. (2015). Biorefining of marine macroalgal biomass for production of biofuel and commodity chemicals.

Ingredients for food and feed



<https://www.seah.net/en/macroalgues-bio/>



Interreg
Baltic Sea Region

GRASS



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Thank You!

Ieva Barda

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