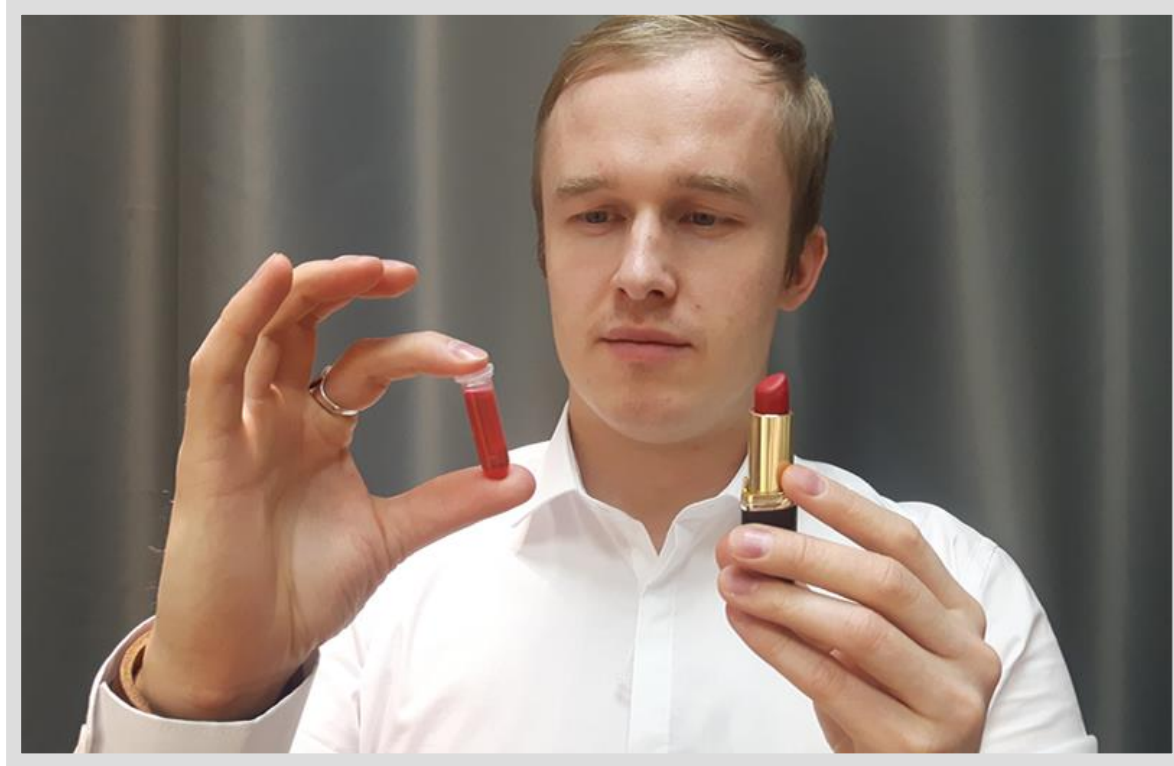


Vetik

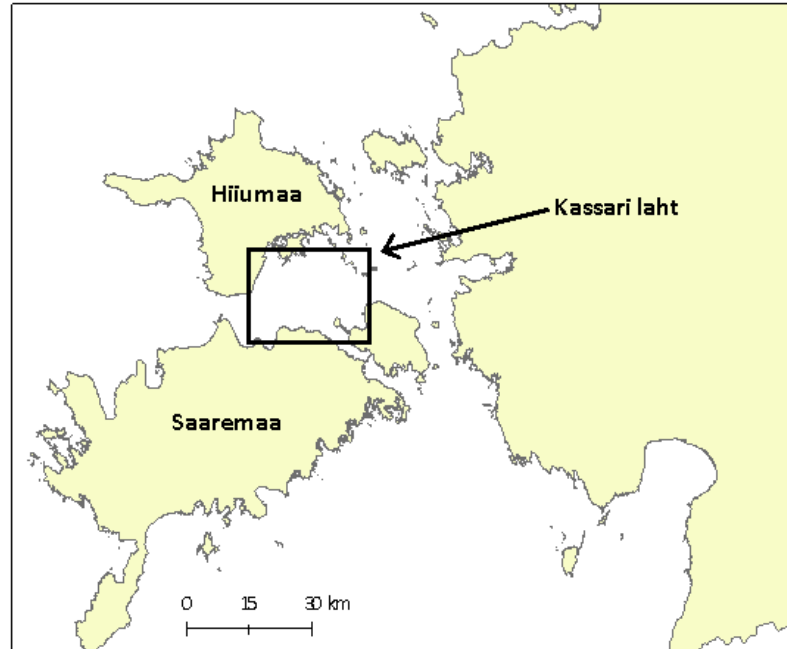


Valmar Kasuk

New ways to valorize red seaweed
Furcellaria lumbricalis

red algae
vetik.eu

Furcellaria lumbricalis in Kassari Bay (Estonia)



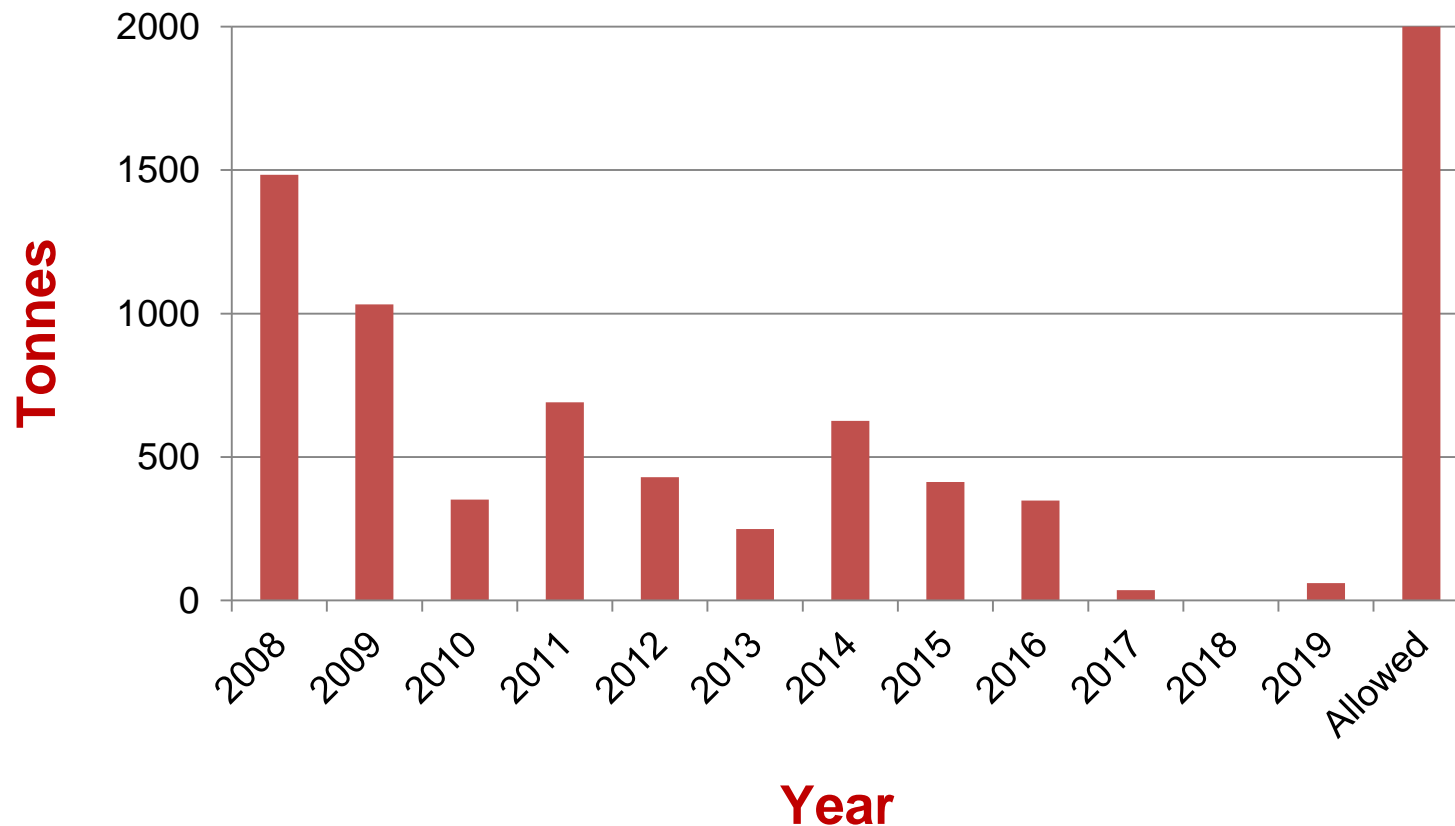
Seaweed biomass: 200 000 tons

Two licenses for harvesting 1 000 tons/year (2000 in total)

Production of carrageenan (furcellaran)

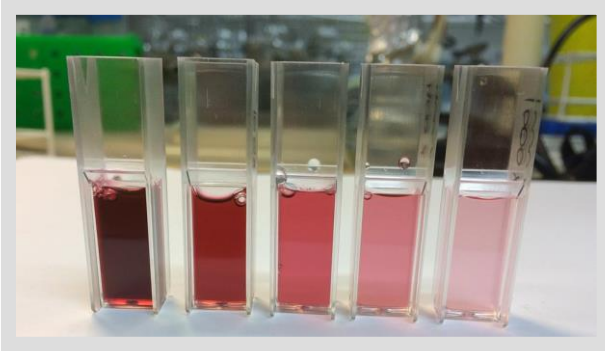


Harvesting of *Furcellaria lumbricalis* has declined



Valorization of the seaweed biomass

Red pigment



Biostimulant



?



Protein



Furcellaran



Red seaweed

Processing of seaweed biomass



What have we achieved so far

We have received 265 000 EUR in grants, prizes, accelerators

We have developed prototypes of red colorant and biostimulant in industrial scale

Next steps

ERA-NET BlueBio COFUND (1.15 M EUR) in evaluation phase

- * Optimisation of production
- * Full characterisation of composition and safety
- * Testing colorant and biostimulant application and efficacy

Looking for new collaborations (to understand composition, processing opportunities)

Core team

Business and production development



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Seaweed harvesters



Arvi Talk



Targo Tiidussalu

Over 20 years of experience

**Exclusive license
to seaweed stock**

