

SEAFARM

Seaweeds for a biobased society – farming, biorefining and energy production

Fredrik Gröndahl

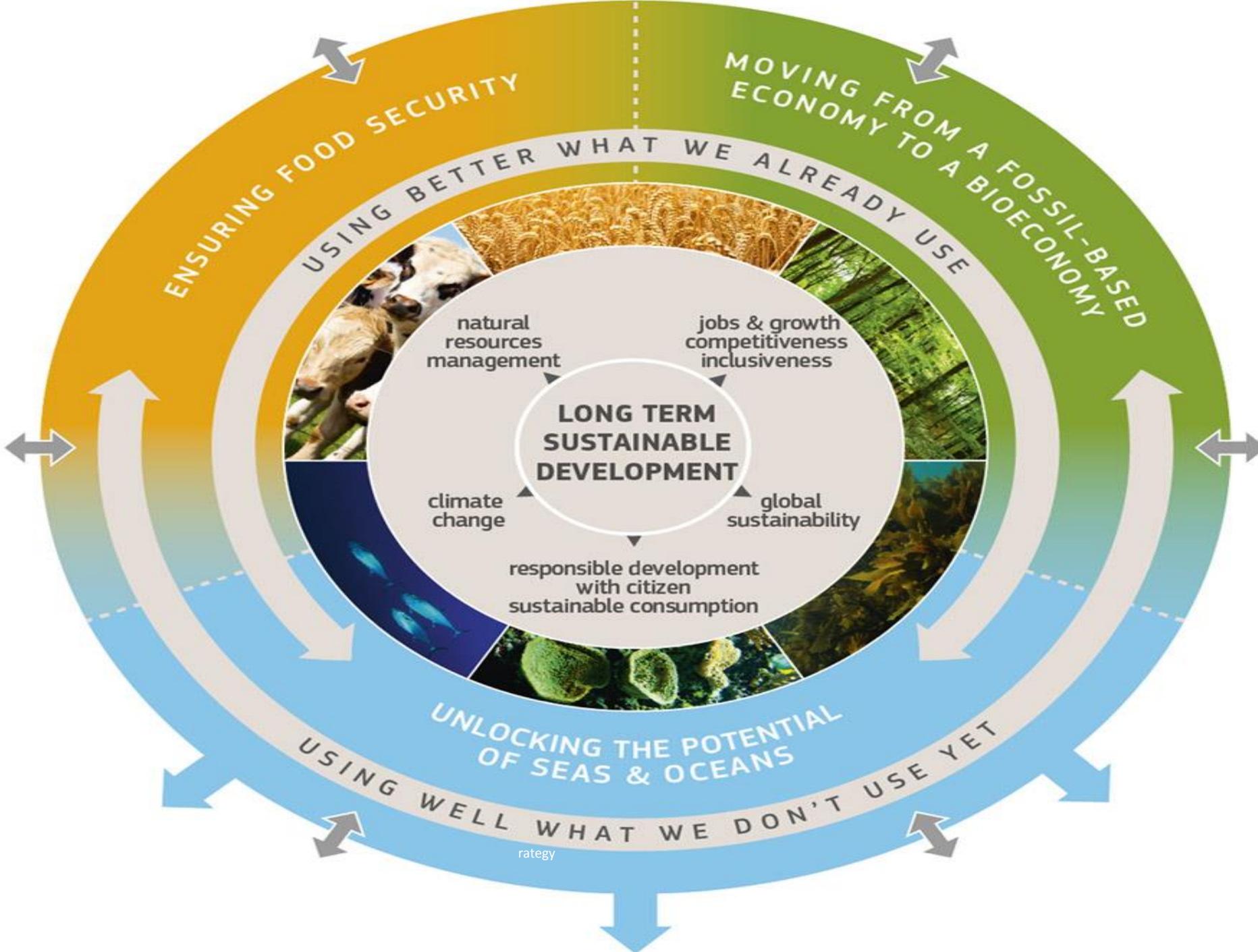
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**NORDIC
BIOECONOMY**

25

**CASES FOR
SUSTAINABLE
CHANGE**

#bioeconomy





seafarm

MAKROALGER FÖR ETT
BIOBASERAT SAMHÄLLE



CHALMERS
UNIVERSITY OF TECHNOLOGY



**GÖTEBORGS
UNIVERSITET**

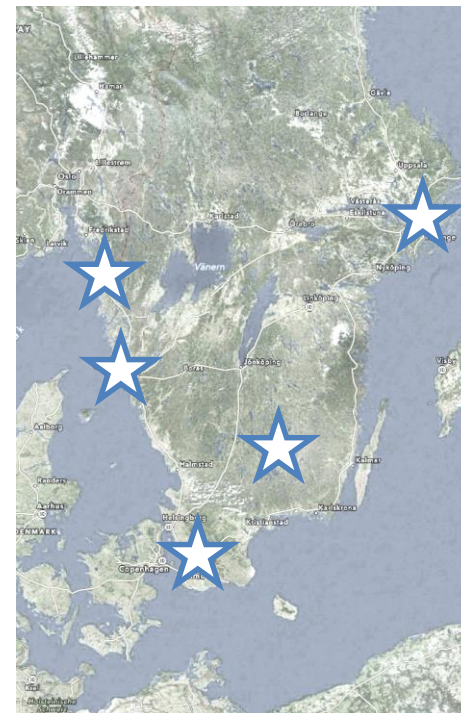
Linnéuniversitetet



**LUNDS
UNIVERSITET**



Forskningsrådet
Formas















lynn
fegurð húðarinnar

UNA
marine bioactive
regenerating
night cream

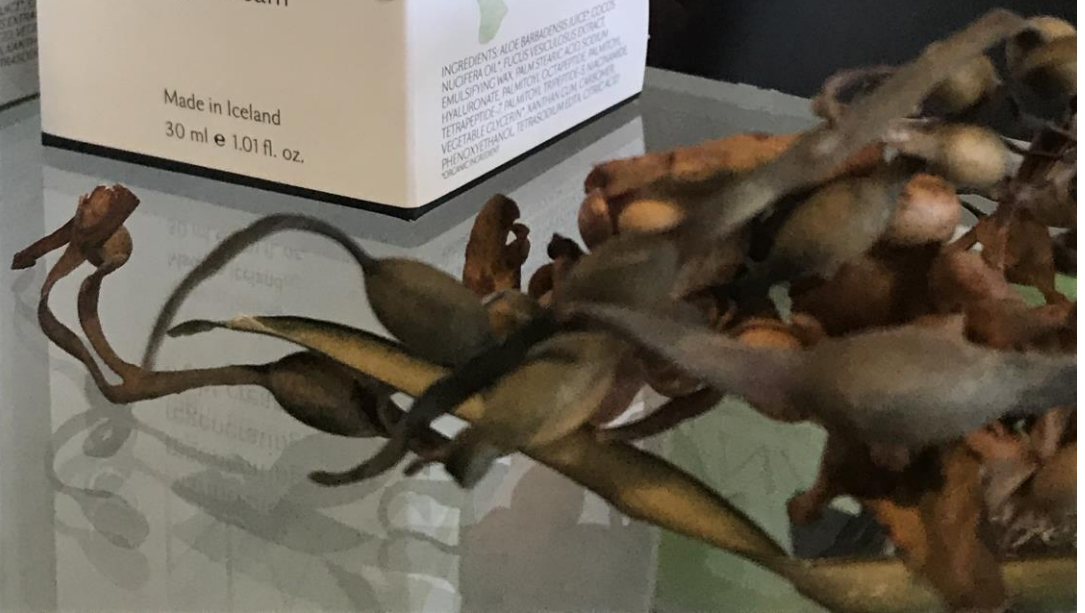
Made in Iceland
30 ml e 1.01 fl. oz.

INGREDIENTS: ALOE BARBADENSIS JUICE, COCOS
NUCIFERA OIL, FUCUS VESICULOSUS EXTRACT,
EMULSION WAX, PALM STEARIC ACID, SCORBIOL,
HYALURONATE, PALMITOYL OCTOYLDIETHYLAMINE,
TETRAPEPTIDE-7 PALMITOYL, TRIMETHYL SILYLAMMONIUM
VEGETABLE GLYCERIN, XANTHAN GUM, CARBOMER,
PHENOXYETHANOL, TETRACOSYL DIMETHYLAMMONIUM
CHLORIDE

UNA
marine bioactive
regenerating
night cream

Made in Iceland
30 ml e 1.01 fl. oz.

maskincare.com



Prannie Rhatigan's



Irish
**SEAWEED
KITCHEN**

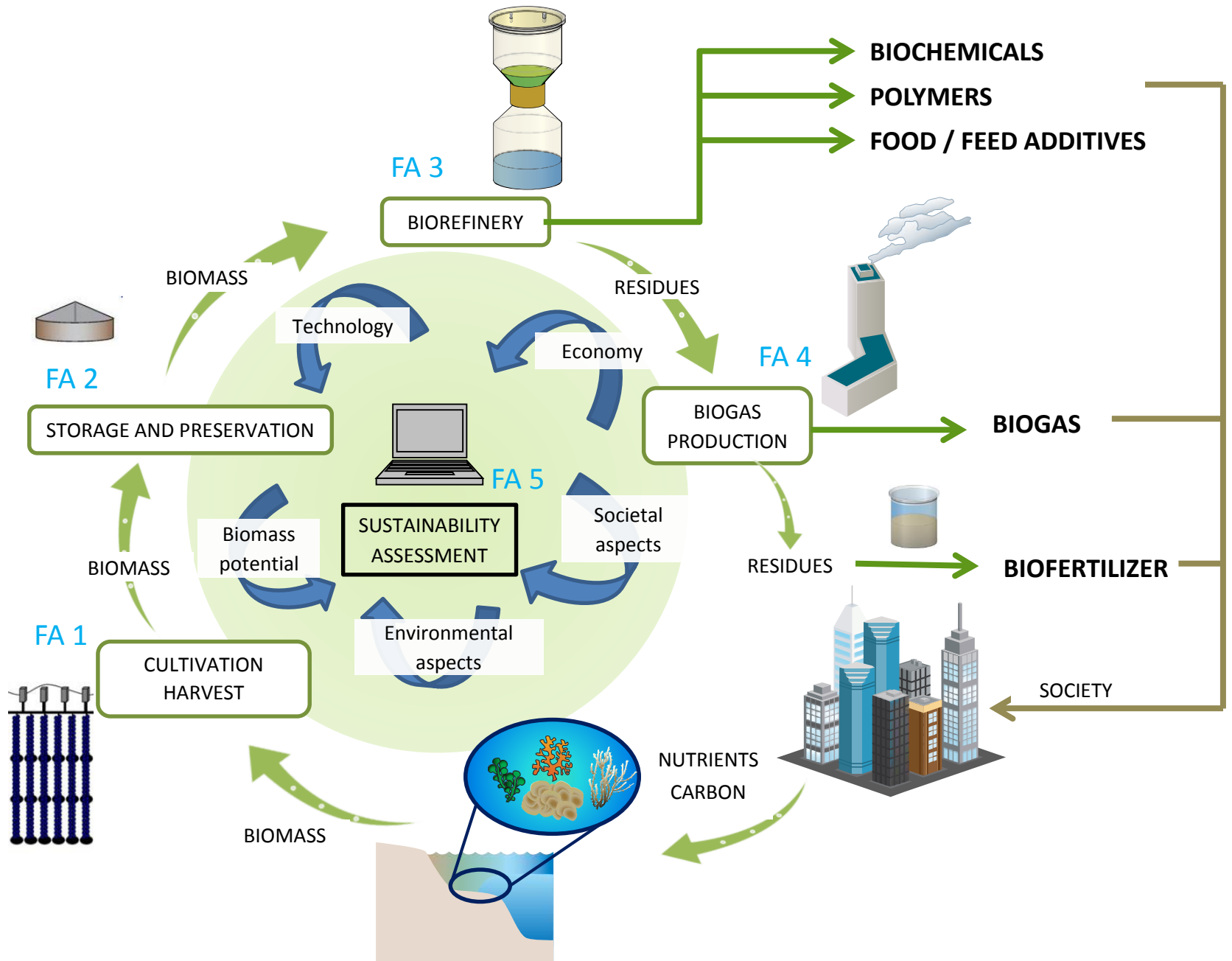
The comprehensive guide to healthy
everyday cooking with seaweeds





ICA *Tång*
caviar
RÖDA VEGETARISKA KORN 75G

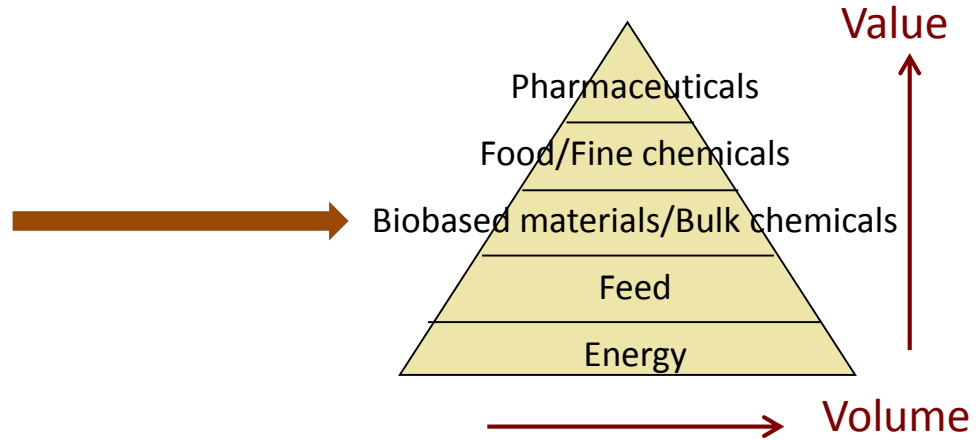








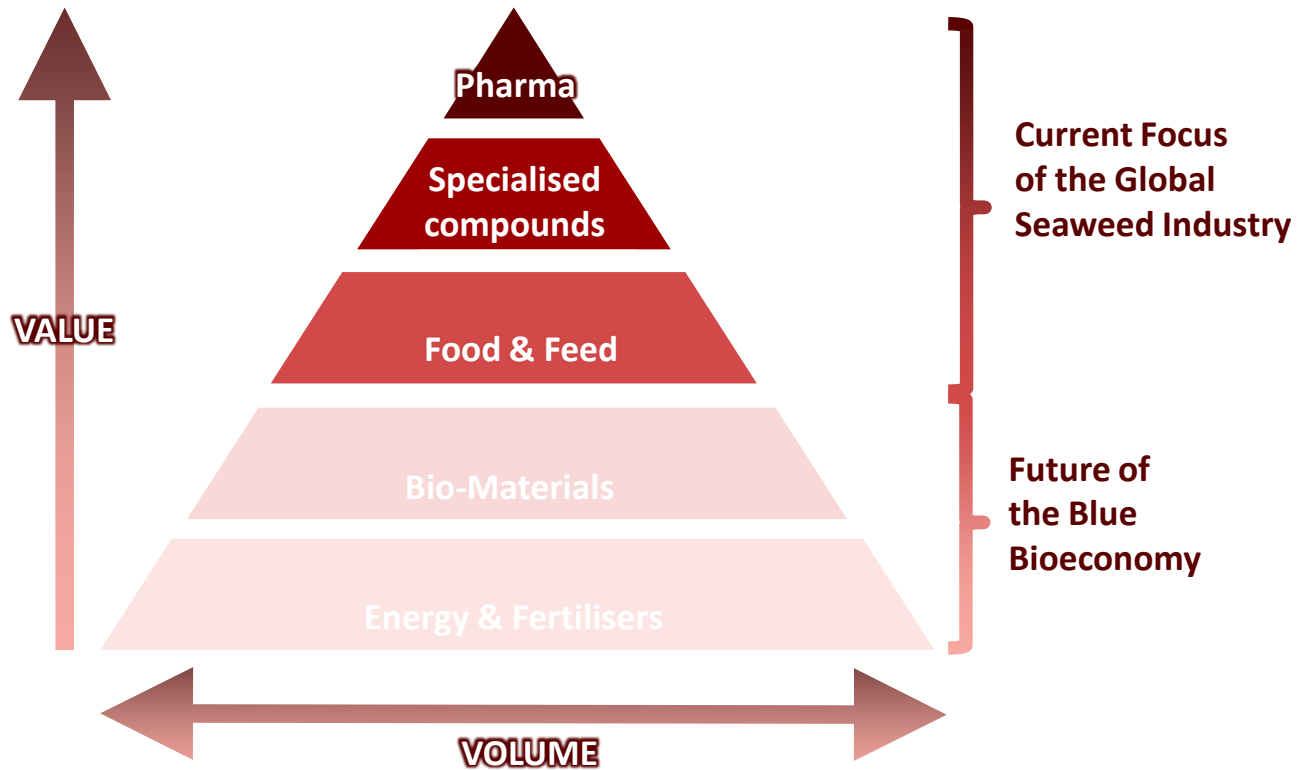


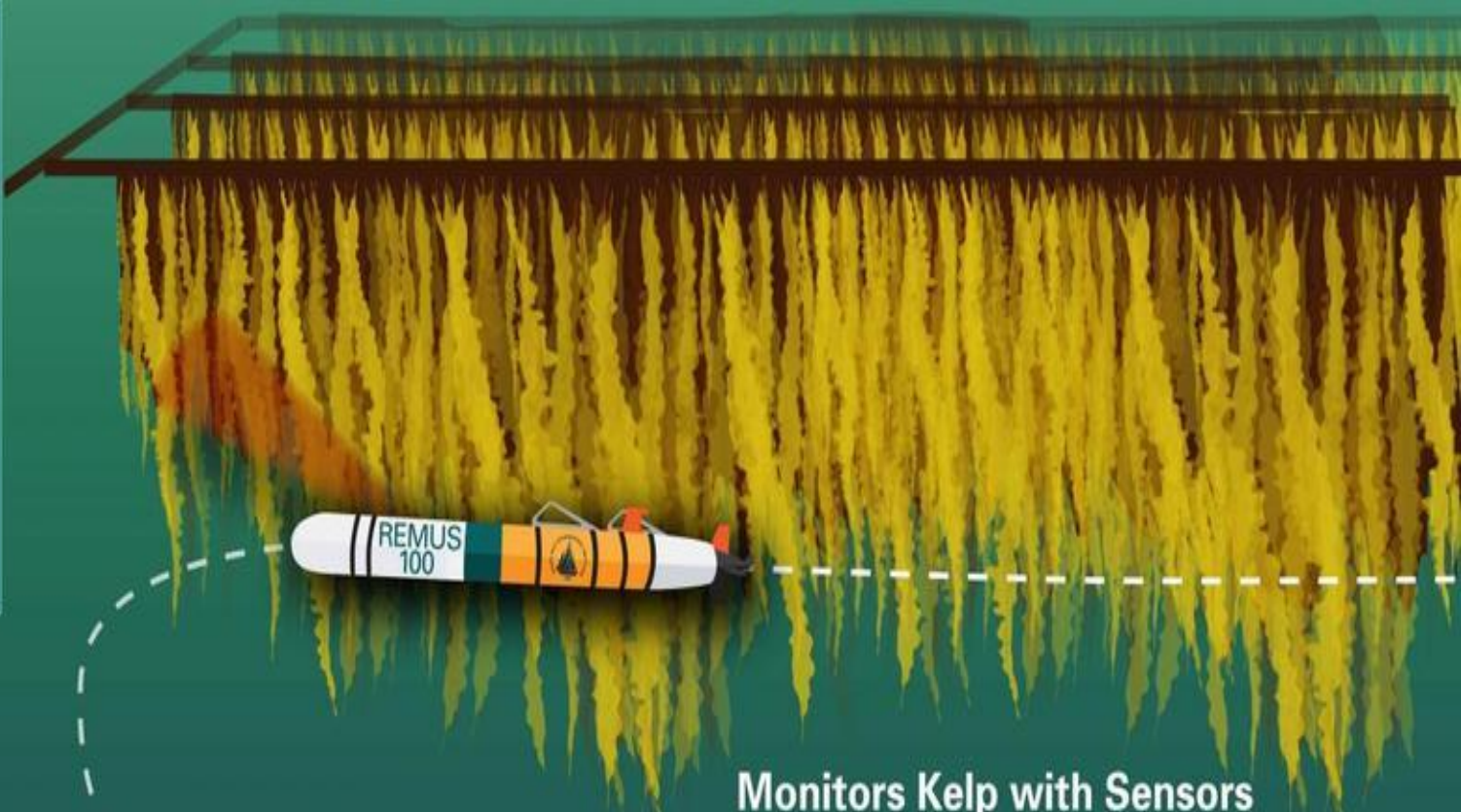


Objectives:

To design integrated biorefineries that fractionate seaweed biomass in order to produce e.g. plastics/polymers, biofuel, biochemicals and functional food/feed components.

The economic potential of a Swedish seaweed industry





Monitors Kelp with Sensors



Transmits Data to Surface



Recharges in Docking Station



Further Research

How can seaweed farming contribute positively to the sustainable development goals around the world in the coming decades?



SEAFARM INFORMATION

www.seafarm.se