





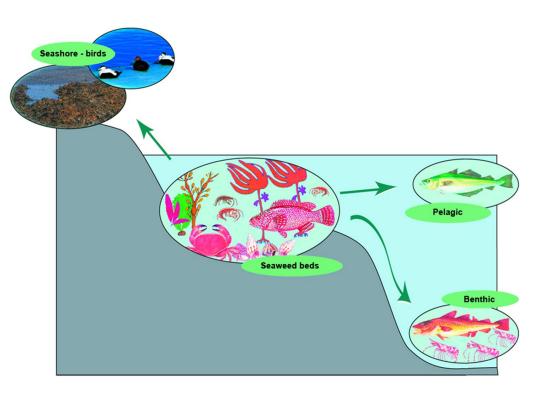


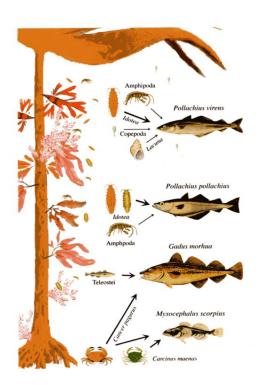






Natural kelp forests are important for coastal ecosystems. By kelp harvest (trawling) one removes the foundation of the ecosystem. Industrial kelp production may interfer with natural kelps or kelp forest ecosystem services.







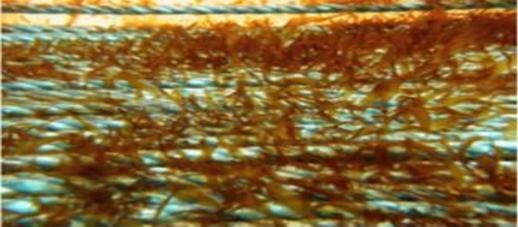
Hartvig Christie 15.04.2019











Figur 1. Kimplanter på tau, klar til sjøsetting.



Figur 2. Sukkertare 4 mnd etter utsett ved et oppdrettsanlegg.

Forfatternavn



Seaweeds/kelp farming – is a new and growing industry in Norway.

Seeding spores in autumn/vinter, harvest 10 kg per m rope in summer.

All along the coast

No need for water, fertilizers, pesticides

Positive and negative effects: NIVA project KELPRO

Seaweeds - Products

Food (nutrients, vitamins, minerals)
Feed (for fish, cattle, chicken)
Pharmaceutical industry
Cosmetics
Bioethanol
Plastic replacements, polymere industry
Others??

Development of farming techniques have come further than the development of profitable products





