



Habitat and fish places

The destruction of the seabed by pollution, sludge and trawling is endangering the habitat where seaweed and corals provide a protective habitat for small fish and other marine animals. This is a growing problem, and scientists are warning that it may become the world's most important ecological catastrophe.

Background:

The oceans are ecologically imbalanced because of:

- Erosion from rivers and shorelines
- Installations on the sea bed
- Emissions from households, industry and agriculture
- Waste from aquaculture
- Fishing methods: Trawling
- Emissions of GHG to the atmosphere



What happens with the seagrass, corals and seaweed ?

SeaCult Protection and life support for the sea

SeaCult habitat and fish place



The Product:

Made of concrete and polyethylene. Filled with rocks, the weight is around 7,5 tons. The product does not harm the environment, it improves the environment.

Use:

Fishing methods, pollution and climate change cause a significant need for new habitats and fishing grounds via rehabilitation projects

Status:

The product is established in the market, with very positive feedback from our customers. Research reports displays very good results. Patented

SeaCult Protection and life support for the sea

SeaCult Beach Protection



The Product:

Made by concrete and polyethylene. The product does not harm the environment, it enhances the environment.

Use:

The shoreline which is increasingly exposed to erosion and effects of climate change

Status:

Successful test results from SINTEF.

Patented

SeaCult Protection and life support for the sea

Global changes force us to set new and stricter requirements with regard preservation and creation of new habitat for fish and marine animals.

Maybe we must introduce requirements for compensation action for those who
-Discharge pollution into the sea
-Use the beach or the seabed for commercial or recreational purposes

Windmill parks are example of an opportunity to preserve and create habitat. Another alternative is to allocate areas for new habitats with a size of one or more football fields.



The causes of this destruction are many, and we may mention beach erosion, sea level changes, storms, increased precipitation, increasing erosion at river mouths, fishing methods, industrial activity and warming of the ocean, - all of which contribute to the destruction of marine vegetation and corals. These threats have caused the global society to initiate action to preserve and rehabilitate areas that are important for marine vegetation, fish and other aquatic animals.

SeaCult wishes to use its products to contribute to this important work. The SeaCult concept is based on products that reach 2 – 4 m up into the fresh water column. The largest products are up to 60 m³ and with a growth surface up to 300 m². The units offer great advantages in terms of clean concrete and rock fills, and they represent very modest investments. These units provide an excellent habitat where large amounts of marine vegetation, fish and marine animals can live.

This makes it possible to build large “football fields” of habitat in order to rebuild and preserve the fish resources in the ocean. The concept also offers the construction of fishing spots for the general public or for active tourism.

An innovation recently introduced is a floating habitat that can be used areas of greater depths and around or under fish farms and windmill parks at sea.

SeaCult products shall be competitive with regard to both price and functionality, while at the same time simplifying offshore operations. An additional bonus is the fact that the seabed is not harmed, and habitat for fish and marine animals is created.

”The Rose Garden of the Sea”