

# The foundation for **SeaCult**

*“Protection and life support for the sea”*

## One of the largest environmental disasters of the world is happening in the ocean and along our coasts

The causes are many and complex, and much knowledge about this is spread over several universities all over the world. Every year large ocean floor areas are turned into underwater deserts. World society sees this, but has not been able to respond effectively. One reason for this is the sectorial interests of large business groups or nations which have their activities in the ocean or under the seabed.



*A desert-like ocean bed in the USA*



*Destroyed seabed in Southern Norway.  
Photo NIVA i 2002*



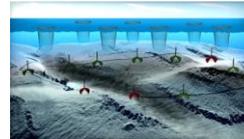
*Sea urchins have destroyed the vegetation on the seabed in Finnmark, Northern Norway.*

### Some of the causes:

*Emissions from industry, agriculture and households into the air and sea*



*Fishing gear such as the bottom trawl, pollution from fish farms etc..*



*Floods causing erosion along rivers and coastal areas.*



All this has led to a warming of the oceans, ocean currents are changing, more pollution affects the sea, destruction of the marine vegetation's and reduction of the CO2 absorption of the sea. This is happening all over the world, in all oceans, and it destroys fisheries and the supplies of raw materials for coastal communities.

**Initiatives that will limit the destruction:** The Water Directive of the EU and MSFD (Marine Strategy Framework Directive) and the Kyoto agreement CDM (Clean Development Mechanism). In addition, international agreements including quotas and regulations of fisheries as well as internationally protected areas.

### Without seaweed and corals the sea life dies!



### SeaCult wishes to contribute:

#### Preserve existing habitat

All operators who have activities in the sea must certain that marine vegetation is NOT destroyed.

#### Limit destruction

SeaCult has developed and offer products that protect ocean installations and the environment

#### Enrich sea areas

Destruction of habitat and nursery grounds is increasing. This has led to focus on off-shore windmill parks and other installations. SeaCult Offshore Protection can help create up to 1000 m3 per windmill foundation.

#### Contribute compensating action

Increasingly, destroyed areas must be regenerated through compensating action. SeaCult Habitat is designed to do just this.

#### Contribute know-how

SeaCult wishes to contribute with its own know-how to reduce the lack of knowledge about what happens under water and on the seabed by participating in research and development projects.

### We are working for a sustainable development

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