

Åland Aquaculture week 2012



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Smart Farm, Danmark





History

- Smart Farm was established in 2001 and has its office in Stavanger, Norway where there is extensive experience and expertise in aquaculture development.
- The idea behind the Smart Farms products was developed in the mother company in the period 1997 to 2000 when the first cultivation facility was launched.
- Smart Farm has several patented solutions for cultivation and harvesting of shellfish.
- Smart Farm has won several innovation prizes
- Today is Smart Farm an international well known and recognised supplier of aquaculture systems

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Smart Farm philosophy

Providing solutions that allow our customers to be competitive in a global market.

- Solutions and technologies for growing some of the most environmentally friendly products that are at the bottom of the food chain.
- Technology that provides low production cost.
- Focus on safe work environment (HSE).
- Gentle handling of products.
- High quality equipment and long lifetime.

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Some of our products and solutions

Mussels and seaweed production

- Cultivation Method, Smart Units
- Machine solutions for cleaning and harvesting

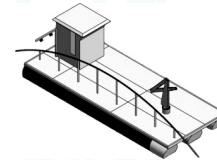
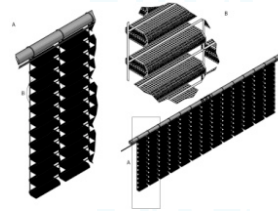
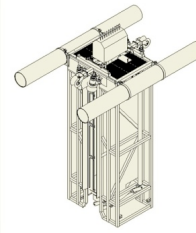
•Production of oysters, clams, cockles

- Suspended culture solution - Smart Cage tube culture for cultivation
- Machine solution for cleaning, etc.

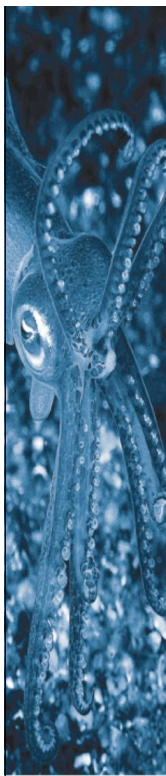
•Eider duck fence

•Mooring equipment

•Work Barges



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Delivery

We have made global shipments as simple as outside our own door.

All products are prefabricated, according to the specifications of the customer and then transported to the assembling site.

For easy assembling of Smart Units - we have developed production system integrated into standard shipping containers.



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Smart units complete assembled at site



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Smart Unit - buoyancy in PE pipe



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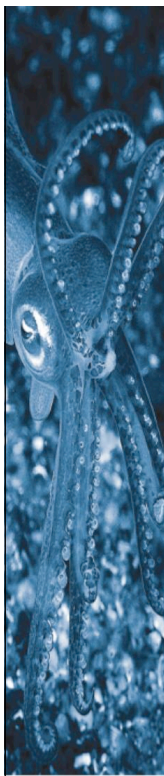


Custom designed net according to site and species



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Establishing of the farm



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Smart units mooring



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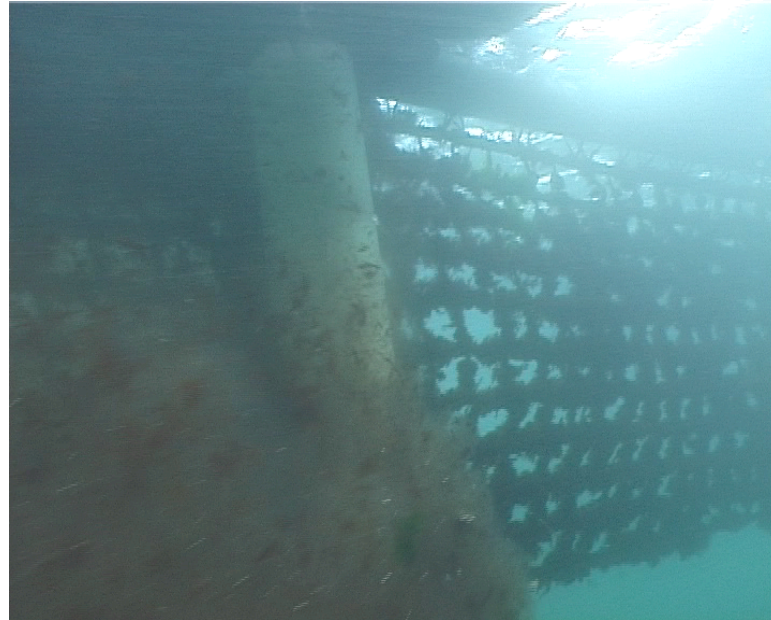
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Husbandry for optimal output



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Husbandry and harvesting done under water



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Harvesting mussels

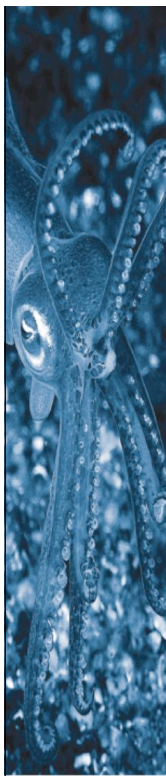


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...in bulk



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...or in big bags



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Show video

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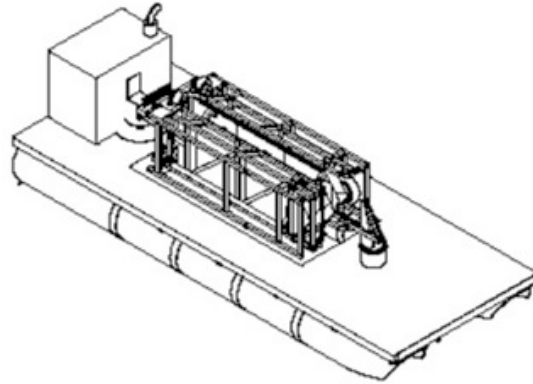
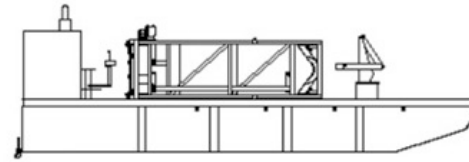


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Harvesting machine integrated in catamaran

Delivery 2013 in Malaysia



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Economic analysis by University of Southern Denmark

- Optimal use of boat and harvesting machine
- 800 smart units (Great Belt, DK)
- 20.000 tonne per year

Production cost 0,05 € per kilo

Depreciation cost 0,09 € per kilo

Finance cost 0,02 € per kilo

Overall cost 0,16€ per kilo

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We can also offer our know-how

- Consultant during the planning
- Expertise in business
- Our network of expertise (processing plants, etc.)
- Project support or management from planning to start-up
- Management & training personnel hire
- Customised consulting program (after delivery)



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Thank you



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