Welcome to Smart Farm AS

The Smart way to Farm underwater!
Smart Farm AS is a Norwegian company with more than 30 years of experience in aquaculture.

We are specialized in solutions and technology for cost effective and environmentally friendly farming of bivalves.

Since husbandry and harvesting is all done underwater it makes it easy and cost effective:

- To reduce the impact of fouling and predators;
- It also gives the efficiency to cope with fast marine changes;

We manage waves up to 7 meters and currents up to 4 knots!

The capacity and production rate of our machines are far beyond all other rope-cultured mussels.

We can harvest 30 tons of mussels per hour!

Photo: Tommaso Cantelli

An Innovation Company!
Increased harvest, Reduced risk, high production rate, low production cost, High ROI!
Shellfish Farming has existed for a long time. It is known since the times of the Romans, maybe even before. Traditionally it is artisanal and when scaling the family based farming technology to commercial farming: you will run into profitability issues.

Modern Technology
Smart Farm is the first company to take scaled up shellfish farming into commercially viable solutions.

It is the only company today that provides modern solutions from farm design to harvesting of commercial size shellfish.

3P Sustainability
Smart Farm AS is a Triple Bottom Line company, on all levels designing solutions for your people (safety, food), the planet (environmentally friendly, circular economy) while ensuring your profit (ROI, salaries).
Our systems are suited for farming in both open waters and sheltered sites, and take all aspects of husbandry and harvesting underwater!
Overview of the Smart Farm® System

The SmartUnit has a collector net made of rope on which the bi-valves settle and grow. It is suited for growing full market size mussels or purely growing seed through the nursery face. The type of rope, its diameter and mesh size depends on species to farm and expected harvest.

The Mooring keeps the system in place both in open waters and sheltered sites. We moor in sheltered sites, winter iced fjords and open waters with waves up to 7 meters and significant to strong currents up to 4 knots.

The Husbandry & Harvesting machine uses different brushes and other variables such as speed, depending on the job you want done. You can control the density of the spat, remove predators, fouling, harvest and clean the collectors for a new season.
Health, Safety & Environment is close to our hearts and mussel farming contributes to 10 UN Sustainability Goals!
Health
Mussels, oysters and other shellfish are high in protein, Omega 3 and almost all vitally necessary vitamins and minerals. Mussels are considered as food for the future to combat hunger in a sustainable world.

Safety
When all husbandry and harvesting is automated and done underwater, there are no more bent backs and dangerous manoeuvres with moving parts. At the same time safety can be maintained also in more difficult weather conditions.

Environment
Mussels and oysters are filtrators and clean waters from Nitrogen end Phosphorus at the same time as they clear the waters and improve visibility. Our farms are non-disruptive and aesthetically pleasing.
Scandinavian Design endeavours to be low impact, non-disruptive and one with nature.
Visual of the Smart Farm Systems
We have experience in advising companies on how to increase their bottom line.

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from building a Business Plan for a start-up Mussel Farm to assist well established mussel producers convert from long lines to Smart Farm solutions
We are with You all the way!

We are generous with our knowledge at the same time as we protect our customers and their competitive advantage.

It is key to us to establish trust and work closely with the people and companies that choose to use our systems.

All our solutions are custom made to suit your business, your location and your needs.

We are open to adapt and design new solutions for new ideas and we believe that our expertise jointly with the local expertise brings the best systems for the efficient production at site.
More than 20 years of experience and continuously developing with new ideas and new knowledge, keeping abreast with global trends.
Making history with new developments...
If you want to be profitable in a competitive market;

**Farm** the **Smart** way!
SmartFarm Solutions In a Nutshell

**Good Growth**
- Mesh design by species
- Population density control
- Fouling & predator control
- Depth control for nutrient availability
- 24/7 underwater

**Low Risk**
- High Quality and Long Life
- Copes with fast marine changes
- 7 meter waves, 4 knots currents
- No dismantling and reassembling
- Kept permanently in water
- Easily moored-Easy to move

**HSE Friendly**
- Improved working conditions
- Increased safety for personnel
- Reduced risk of incidents
- Produce of minimal waste
- Minimal visual impact
Harvest time in Germany!

- 150 tons per day
- 3-4 knots tidal currents
- Total production 4,000 tons in 5-6 month cycle
Contact Info

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Wanting to know more?
We love to talk mussels and underwater farming solutions!

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