



An abundant ocean in harmony

Impact potential

5/5 | Impact-generating

Net impact ratio

70% | Net impact mapped to SDGs ¹

Ava Ocean was founded in 2016 by Øystein Tvedt in Ålesund, Norway. In close collaboration with research institutes and authorities, the company has developed a unique, seabed-friendly method for harvesting shellfish. Making Ava Ocean's technology widely available has the potential to end harmful seabed harvesting practices for good.

avaocean.no

The problem

The most common catching method for shellfish globally, so-called dredging, causes widespread damage to the seabed ecosystems, which can take up to 10 years to recover. And, by some estimates, nearly 500 million metric tons of edible protein will be required to feed the global population in 2050, of which the ocean could produce up to two-thirds.

The solution

Ava Ocean's innovative technology makes it possible to identify, select and sort species found on the seabed without harming surrounding ecosystems. This gives the world access to nutritious proteins while protecting fragile marine ecosystems and preserving invaluable carbon sinks.



Zero Hunger

Target 2.4

Ava Ocean contributes to sustainable food production systems by gently and efficiently harvesting resources that have until now been unavailable and unexploited.

Impact contribution

500 mt

Ava Ocean harvested 500 tons of Arctic scallops to help meet global demand for healthy and nutritious food.



Decent work & economic growth

Target 8.5

Ava Ocean generates jobs in areas where harvesting employment opportunities don't exist and contributes to preserving jobs where upcoming regulations may limit or ban dredging.

Impact contribution

28 jobs

Ava Ocean created 28 new jobs in their local community.



Climate action

Target 13.2

Ava Ocean's innovative technology preserves naturally stored carbon from the seafloor.

Impact contribution

From 2023 onward



Life under water

Target 14.4

Ava Ocean practices regenerative fishing through precision harvesting and real-time data collection.

Ava Ocean will measure the surface protected of the ocean floor that was previously exposed to devastating dredging practices.

1. Using data from the Upright Project applying Norselab's custom value mapped to the SDGs. 29% with Upright's default value set.