

Mission & Inspiration

Sea urchins are overgrazing kelp forests and creating underwater deserts. Marine Spark X was founded to give value to the biomass removed from restoration and harvesting areas.

The company converts an ecological and resource challenge into a partner-based marine ingredient value chain - starting in Northern Norway and entering premium Asian health and nutrition markets through ArcticUNI.



Sea urchin overgrazing creates 'marine desert' areas where kelp forests struggle to recover.

Business Model

Marine Spark X does not need to own every part of the value chain. The model is to coordinate raw material access, processing, documentation and market entry through existing partners.

- Coastal harvesting Sea urchins from restoration and harvesting areas with partners such as Ecofang, Arktis Fisch and local actors.
- Industrial processing Existing marine ingredient infrastructure and production partners support scale-up.
- Market entry South Korea is the first priority market, supported by local importer/partner and HFF approval.



ArcticUNI is the first commercial product from the value chain: ingredient powder, bulk capsules and white-label formats.

Challenges & Hurdles

Marine Spark X is moving from validation to repeatable commercial delivery. The challenge is no longer only proving that the ingredient can be made, but making the value chain reliable enough for customers and investors.

- Scale supply and production without losing quality control.
- Convert HFF approval into distribution and repeat sales in South Korea.
- Secure the right distributor and build trust around a new marine ingredient.
- Move from first product traction to a broader marine ingredient platform.

Future & Opportunities

The immediate opportunity is to convert the South Korea foundation into commercial growth: Q3 delivery, distributor agreement,



additional commercial agreements and investor-backed scale-up.



The Marine Spark X team works from the Arctic with sea urchins as raw material and ArcticUNI as the first market-ready product.

- 2026: First commercial delivery, Korea market entry and distributor development.
- 2027: Repeatable delivery, stable batches and partner-based scale-up.
- 2028-30: Industrial platform, broader ingredient portfolio and international expansion.

Nutraceuticals create the first commercial entry point. The broader opportunity is to build a scalable marine ingredient platform from Norway.

