



**ARCTIC  
SEAWEED**

## **ARCTIC SEAWEED**

At Arctic Seaweed, philosophy revolves around leveraging disruptive technology to revolutionize the seaweed cultivation industry. They believe that by embracing scale and cutting-edge innovations, they can drive a transformative shift in the market. Through their commitment to pushing boundaries and fostering collaborations, they are paving the way for a future where disruptive technology creates unprecedented opportunities in seaweed cultivation.



## **BLUE HARVEST TECHNOLOGIES**

Blue Harvest Technologies is a startup company with parents both in Aquaculture and Engineering. The company is a 50/50 venture, and was created to develop technology that would make the seaweed industry actually output industrial amounts of seaweed.

The technology is currently being developed and tested at Lerøy Ocean Forest's locations. The DRISHAC system (Drive, Seed, Harvest, Clean) has been adapted to work with traditional long line systems, and was successfully tested in April. Next generation Loop Farm will be deployed in the coming season later this year.



**EUROPEAN ALGAE  
BIOMASS ASSOCIATION**

## **EUROPEAN ALGAE BIOMASS ASSOCIATION (EABA)**

The general objective of the European Algae Biomass Association (EABA) is to promote mutual interchange and cooperation in the field of biomass production and use, including biofuel uses and all other utilisations. It aims at creating, developing, and maintaining solidarity and links between its Members and at defending their interests at the European and international levels. Its main target is to act as a catalyst for fostering synergies among scientists, industrialists, and decision-makers in order to promote the development of research, technology, and industrial capacities in the field of Algae.



## **HORTIMARE**

Hortimare supports seaweed initiatives worldwide, providing expertise from conceptualisation to building and scaling. They specialize in seed supply, new species domestication, breeding programs, technical support, and ecosystem services—laying the foundation for their clients' and collaborators' success. Their mission is to build a thriving seaweed industry that benefits both the environment and society. Hortimare strives for a healthy, transparent supply chain where knowledge, skills, and rewards are shared, fostering collective success.



## **KELP FOREST FOUNDATION**

The Kelp Forest Foundation (KFF) is a Netherlands-based non-profit organization aimed at amplifying research initiatives, reforestation projects, and early-stage ventures that unlock kelp as a nature-based solution. We envision a future whereby wild kelp forests are recovering and thriving, and farmed kelp provides nature-based solutions in our everyday lives. KFF does so by initiating kelp research projects, involving industry stakeholders, and supporting kelp reforestation projects worldwide. Next to these activities, we advance kelp science through open knowledge sharing and sponsoring capacity-building programs for coastal communities worldwide.



## **KURARAY**

Kuraray is a specialty chemical company founded in Japan in 1926. One of their core products PVA fiber branded “KURALONTM” is popularly used in seaweed farming field as the seeding ropes for more than 60 years. They are looking for the opportunities to contribute to the growth of European seaweed farming industry.



**Murre Technologies**  
Total solutions for food processing

## **MURRE TECHNOLOGIES**

Murre Technologies has been supplying the EasyFarm system with which mussel seed cultivation is possible, for almost 20 years. Seaweed cultivation and processing is their next development. They are building a harvester that harvests the seaweed from the cultivation nets in the sea. Sowing seaweed is also part of the EasyFarm concept, which is why they supply the complete system for harvesting and sowing the seaweed. They have also developed a seaweed bubble washer to sort the sand and undersized waste such as crustaceans from the product during the washing process. The system is equipped with separation rollers for this, the washing water is continuously filtered through a separator drum. To reduce the iodine content, they use a blanching/cooling system.

In short, they are your partner in seaweed harvesting and processing!



## **PURE ALGAE DENMARK**

Pure Algae Denmark offers land-based technology for efficient and user-friendly seaweed cultivation. Their compact, plug-and-play systems enable scalable, year-round production, allowing operators to grow high-quality seaweed with minimal technical complexity.

For offshore seaweed producers, Pure Algae offers specialized propagation systems designed to streamline the initial stages of cultivation. These solutions improve efficiency and consistency in the production of juvenile seaweed, ultimately supporting better yields and reducing risk parameters.

Rooted in innovation and practicality, Pure Algae Denmark contributes to the green transition by making seaweed cultivation more accessible, reliable, and profitable.



## **NORWEGIAN SEAWEED ASSOCIATION**

Norwegian Seaweed Association (NSA) is an arena for development of complete value chains within food, feed, ecosystem services and other innovative areas with cultivated and hand-harvested macroalgae as a resource.

NSA invites seaweed farmers, small scale harvesters, producers and providers of seaweed products to join their Association. The main market segments are food and feed. Their members provide fresh frozen kelp, dried kelp, blanched and fermented kelp, snack-products, pasta, chocolate, seasoning and ingredients for other products B2B and B2C. Please contact the companies for more information.



## **SEAWEEDLINK**

Connecting the seaweed sector with innovation across industries. Bridging the gap between the Netherlands & Korea to unlock sustainable growth!



## **SCOTTISH SEAWEED INDUSTRY ASSOCIATION (SSIA)**

The Scottish Seaweed Industry Association (SSIA) is dedicated to promoting the growth and development of the seaweed and aquaculture sector, providing essential resources and services to their members and the wider industry. The SSIA provides a dedicated platform to help seaweed and aquaculture businesses network, share information, and gain access to the best resources the industry has to offer.

The SSIA is committed to growing and supporting the industry every step of the way, from access to funding, assistance with licensing, all the way through to signposting, they are here to support members with up-to-date information and a solid network to engage effectively with.



## **SIRPUTIS**

Sirputis is committed to innovating the seaweed industry and contributing to a more sustainable future. By focusing on pioneering solutions for seaweed cultivation, harvesting, and processing, their dedicated team aims to empower seaweed farmers and make seaweed farming more sustainable, efficient, and profitable. Their vision is to create a world where seaweed cultivation is an essential industry that supports healthy environments and strong coastal communities. They are driven by the belief that the ocean can provide abundant, nutritious food while nurturing both people and the planet. Join them on the mission to automate the seaweed industry!



## **SWD CONNECTORS**

SWD Connectors is an international team of senior experts that cover all aspects along the seaweed value chain, ranging from breeding to biorefinery, and from farm design to supply of seaweeds. They enable productive seas and oceans, by farming at sea as they do on land, however, with much less negative impacts and much more economic, social and environmental benefits.

SWD connectors provides top-level seaweed consultancy services. They can help you to develop your ideas or to materialize your projects, products and/or seaweed business.



### VARICON AQUA

Varicon Aqua is the manufacturer of the Phyco-™ range of photobioreactors and the Cell-Hi line of algal nutrients. They are based in the UK and their team has more than 30 years' experience designing, constructing and deploying algal photobioreactors, high rate algal ponds and aquaculture production systems worldwide. All Varicon Aqua products are built to the highest specifications using high throughput precision manufacturing processes. They combine this manufacturing experience with strong supply chain relationships, giving a systems wide understanding of both the equipment and production processes. This unique experience gives them a competitive advantage during client engagement and project specification, allowing them to provide bespoke photobioreactor and cultivation systems for a wide range of applications. They pride themselves on the ability to support the client from conception through to commissioning and exploitation, an ability founded on a clear understanding of the interplay between the needs of the organism and their engineered solutions.

To date they have deployed over 290 photobioreactor systems across the globe, ranging in scale from 5 L to 400,000 L. All Varicon Aqua systems are built to high specifications using precision manufacturing processes. Prominent products include their serpentine Phyco-Flow™ and Phyco-Pond systems, which are often deployed in pilot or commercial production environments. Newer reactors include their vertical column photobioreactors, the Phyco-Lift and Phyco-Bubble; as well as their Eco-range of systems, which encapsulate both high rate algal ponds and column designs. In addition to their photobioreactor systems they also specialise in providing the auxiliary equipment necessary for running a successful algal production facility. This includes equipment for process monitoring and control, as well as LED solutions and the apparatus required for downstream processing. Furthermore, they supply a broad range of specialised Cell-Hi algae nutrient and culture media as well as concentrates, aquaculture feeds and water treatments.



### ZWEVA ENGINEERING

Zweva Engineering has over 30 years of experience in the development and manufacturing of structural, durable plastic products. They specialize in solving challenges where off-the-shelf solutions fall short, offering custom-engineered products tailored to demanding environments.

Their mission is to support the aquaculture and maritime sectors with innovative products that make a real difference—delivering smart, future-ready solutions that stand out in the current market and help move the industry forward.