



Portfolio of Outputs and Commercialisation Needs

Enhancing and controlling the quality of cultivated seaweeds for large-scale production and a sustainable supply chain to food and feed markets

<https://bluebioeconomy.eu/enhancing-and-controlling-the-quality-of-cultivated-seaweeds-for-large-scale-production-and-a-sustainable-supply-chain-to-food-and-feed-markets/>



Project consortium includes
1 large enterprise and 2 SMEs:



Outputs

Preservation methods



TRL 6

Criteria for choice of preservation method, e.g. added acids or fermentation, based on composition and intended use of the biomass.

Methods for assessing biomass quality



TRL 5

Rapid, instrumental methods for determining biomass composition and state, for decisions about use and preservation method.

Monitoring and tracking systems



TRL 6

Sensors and logging systems for real-time decisions related to processing and logistics planning, and for biomass tracking.

Management Model



TRL 4

Supply chain management model for strategic planning and decisions.

Commercialisation Needs

Dedicated equipment and storage solutions for scale-up of preservation

Outreach to seaweed farmers and processors

User demonstration and testing of hardware and digital tools

Market development

Product development & demonstration (Food, functional ingredients, materials)