

WHAT WE DO

Seaweed carefully sourced from remote Scottish coastline to meet immediate and future demand for quality seaweed























MARKETS

WHO WE SUPPLY

WHY THEY CHOOSE US



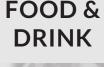




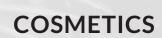














RESEARCH











OUR TIMELINE

INITIAL CONCEPT + EARLY R&D INTO SEAWEED FOOD COMPANY ESTABLISHED



FARM TRIALS START IN OBAN



B2C FOOD BRAND LAUNCHED

SHORE
THE SCOTTISH SEAWEED CO.



ACQUISITION OF B2C BRAND



2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

ESTABLISHING OPERATIONS



WILD HARVEST AND PROCESSING STARTS IN CAITHNESS





PUSH ON B2B SALES



FOCUS ON WILD HARVEST







SEAWEED FARMING PIONEERS

We began cultivating seaweed in Scotland in 2016, but are pausing our R&D in 2023 to focus on integrated wild harvesting and processing

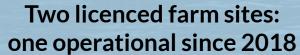






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Eight growing cycles completed







OPERATIONAL ADVANTAGES OF WILD HARVESTING



SITE OPTIONS

15 unique sites over 51km of Caithness coastline licenced for harvesting





Variation of shore type and orientation minimise disruption during adverse weather

Easily accessed from land, with harvest driven back to factory in van



Harvest sites are practically maintenance free

Farm sites must be carefully chosen with wider considerations (e.g. access from land, optimum growing conditions)

SITE OPTIONS





2-3ft waves

✓ Viable to harvest at low water



NYBSTER HARVEST SITE EAST COAST OF CAITHNESS

20-30ft waves

▼ No harvesting for several days

RANGE OF SPECIES

17 species within licences – 10 comprise core range

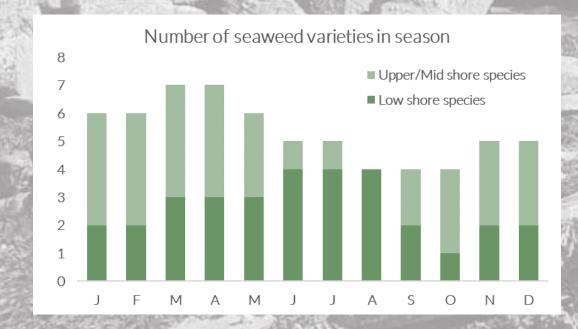
Operations scheduled around tidal cycle, prioritising low shore species on spring tides

Quieter periods, but minimum four species available to harvest year round

Variety provides opportunities to broaden customer base

Just three kelp species can be reliably cultivated currently





YEAR-ROUND PROCESSING

Producing a variety of species permits operations 12 months of the year

To date, 97% of production from wild harvest (50-70 wet tonnes per year)

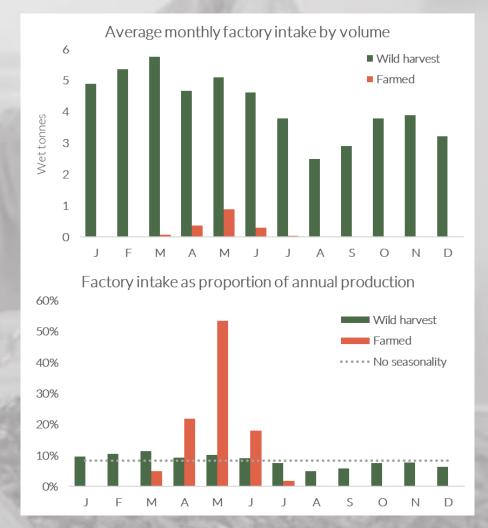


Continuity of operations facilitates certification





Current seasonality of farming is a significant challenge for processing freshly harvested biomass



BUILDING A TEAM

Year-round operations help develop and specialise a group of dedicated people

Majority of team harvest and process





Need to schedule around tides, but workable



More difficult to grow a team for seaweed farming given lack of work outside of deployment and harvest seasons

SUSTAINABILITY



Cultivation has embodied and operational carbon emissions: especially problematic at small-medium scale



Farm structures create habitat – but for how long?





Longstanding industry in Scotland





SUMMARY



SITE OPTIONS

RANGE OF SPECIES

YEAR-ROUND PROCESSING

BUILDING A TEAM

SUSTAINABILITY

THANK YOU







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