

ARCTIC SEAWEED



// Company Introduction // 12.09.2024



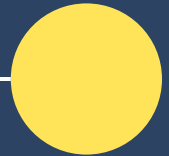
Enabling a Global Sustainable
SEAWEED INDUSTRY

Our Vision, Mission & Strategy



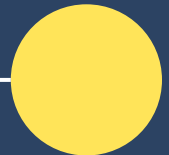
Our Vision

Enable a Global Sustainable Seaweed Industry.



Our Mission

Solve the scaling challenge in the industry.



Our Strategy

Enable seaweed farmers by providing access to proven scaling technology.



Introducing the ARCTIC SEAWEED Platform



High density of seeded lines
(up to 24km or 2m/ha)

86 m

12.600 sqm (ca. 1,26 ha)
farming module size

150 m



Interconnectable
modular design

adaptability to different
conditions & species



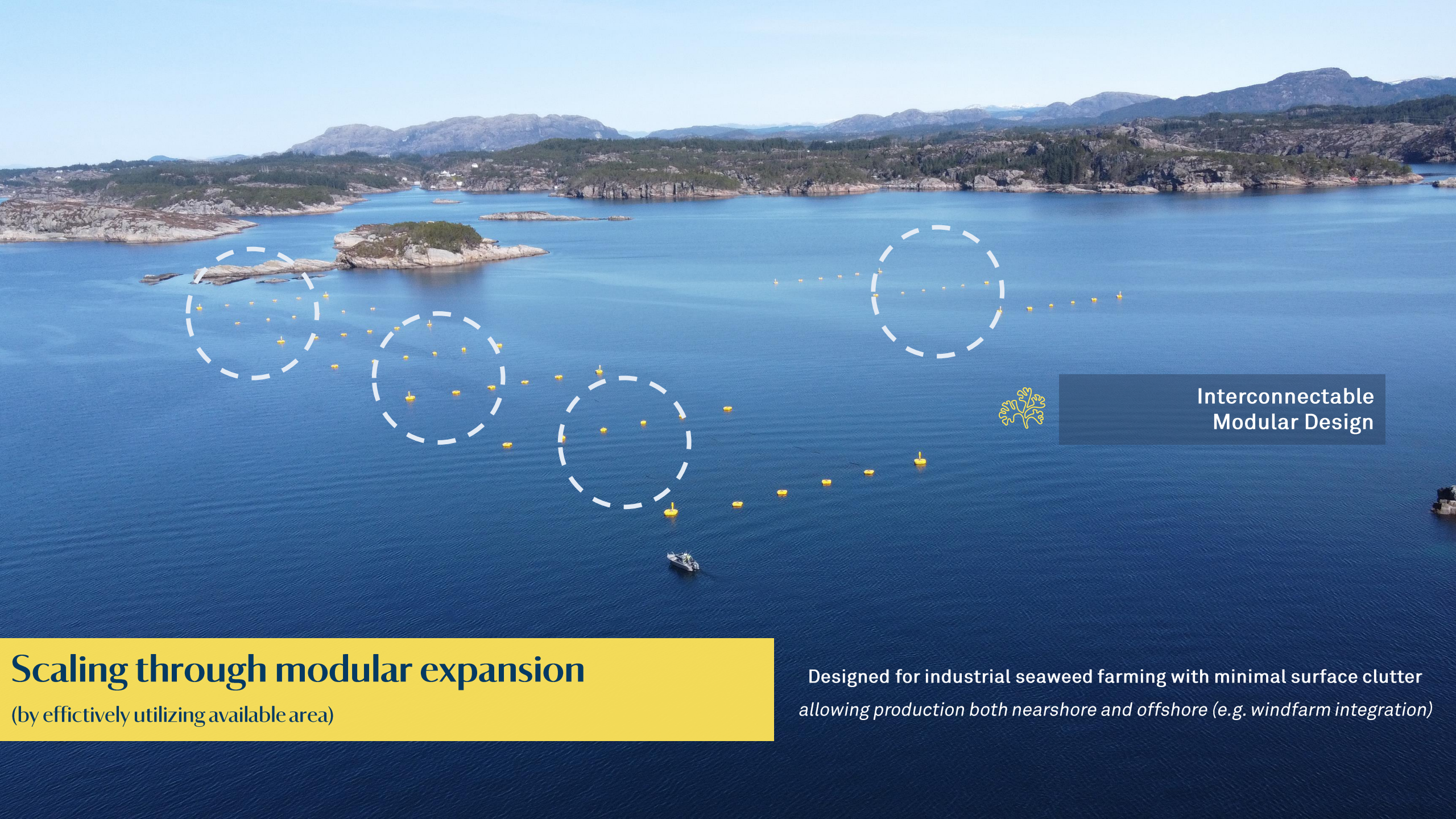
Highly automated &
mechanized system



Cultivation process based on
Direct Seeding



Build on end2end integration
(direct seeding, harvesting, stabilisation to customer)







**Interconnectable
Modular Design**

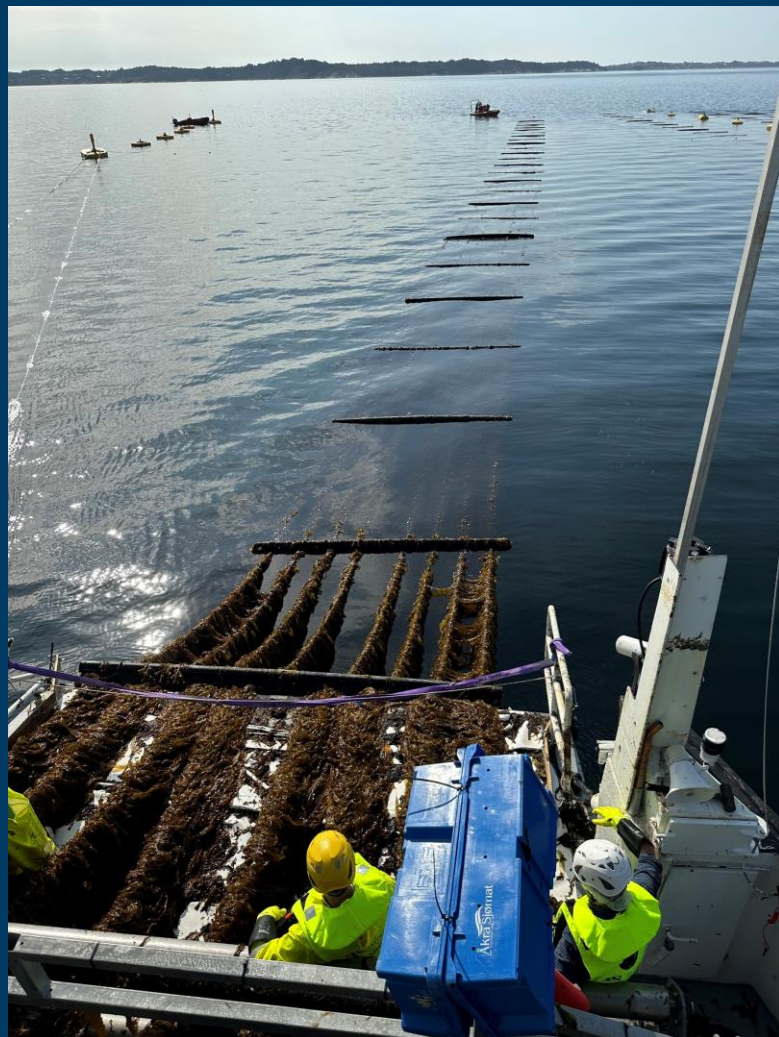
Scaling through modular expansion
(by effectively utilizing available area)

Designed for industrial seaweed farming with minimal surface clutter
allowing production both nearshore and offshore (e.g. windfarm integration)

We significantly **outperform** traditional approaches

	Industry Average*	AS	Impact	
 Deployment Time <i>(in km/hr)</i>	1	12	+ 1100 %	\$
 Area Efficiency <i>(seeded meters per hectar)</i>	6.000	19.000	+ 216 %	↗
 Harvesting Capacity <i>(kg / hr)</i>	500	15.000	+ 2.900 %	↗
 Unit Costs Food / Refinery <i>(NOK / kg)</i>	18,00NOK / 11,00NOK	7,50 NOK / 4,25 NOK <i>(@ 320km)</i>	58% - 61%	\$

Continous multi line harvesting



End2End pre-processing



Direct seeding generating very good average yields



Our **Vision** is coming together, farm by farm



ARCTIC SEAWEED



Thank you!

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SEAWEED INDUSTRY

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