



AUSTRALIAN
SEAWEED
INSTITUTE

**We are building a new seaweed industry
for Queensland that will create good
jobs in coastal areas while protecting
& enhancing our bays & oceans.**



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We are on a mission to build a world class seaweed industry that is a leader in environmental stewardship, bio-innovation and sustainability.

Seaweed is a global industry worth over US\$11 billion and will double by 2025. The Queensland coastline has ideal growing conditions for high value, native seaweeds and there are currently no commercial ocean-based seaweed farming operations here.

The Australian Seaweed Institute will establish seaweed ocean farms and develop high value seaweed products from native Australian seaweeds.

We are currently seeking approvals and permits from the Queensland Government to establish the first commercial scale seaweed farm in Moreton Bay along with a land-based seaweed nursery, research centre and processing facility.

Regenerating Bays & Oceans

Seaweed has the power to clean up bays & oceans. Seaweeds are some of the fastest growing plants on the planet with the ability to absorb significant amounts of carbon dioxide, nitrogen and phosphorous. Left to build up in our bays and oceans, these elements can cause dead zones, acidification and toxic algae blooms.

Seaweed farms also provide habitat for marine life which is important for protecting and enhancing the value of our marine ecosystems and fisheries resources.



Sustainable Aquaculture

Seaweed ocean farms require no addition of feed, freshwater or fertiliser and there is no waste from marine plants, making it the most sustainable form of agriculture on the planet.

We are committed to best practice environmental stewardship to provide ecosystem services that enhance environmental values and, in doing so, contribute to the UN's Sustainable Development Goal 14 - Life Below Water.



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Sustainable Food & Bio-Innovation

Seaweed has many high value end-uses for food, cosmetics, animal feed and other bioproducts. Seaweed has been eaten for centuries in many countries as it is a highly nutritious food source that is good for gut health. Seaweed is recognised as a superfood and researchers around the world are now looking at seaweed's potential medical applications.

Seaweed is also being used to make innovative biofabrics and bioplastics that can replace plastic and reduce ocean pollution. Certain types of seaweeds can be added to animal feed and have been shown to significantly reduce methane emissions when fed to cattle.



Thriving Coastal Communities & Good Jobs

A seaweed industry in Queensland is a unique opportunity to leverage our existing capability & create new skilled jobs in marine science, aquaculture, biotechnology, manufacturing and maritime industries.

We want to help position Queensland as a leader in seaweed aquaculture, aquatech and biotech innovation and create opportunities for more people to get involved in this sector.



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An Industry of the Future

We are a business of the future – one that creates value for people and the planet beyond financial metrics.

We value natural capital, provide ecosystem services and high value seaweed bio-products. We are embracing a truly sustainable business model to create an industry of the future.

This new aquaculture industry will play a key role in achieving the Queensland Government and Federal Government's agenda for growing Australia's share of the global aquaculture industry.



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