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# Seaweed: Helping Achieve Food Security, Environmental Sustainability, and Gender Empowerment

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# A versatile and multifaceted resource

## A generic name, seaweed



## And yet, an endless range of product applications



- 12,000+ species
- 3 families: red, brown, green
- Found throughout the Ocean

# Regenerative solution to some of the world's most pressing challenges

A thriving and sustainable seaweed industry could result in...

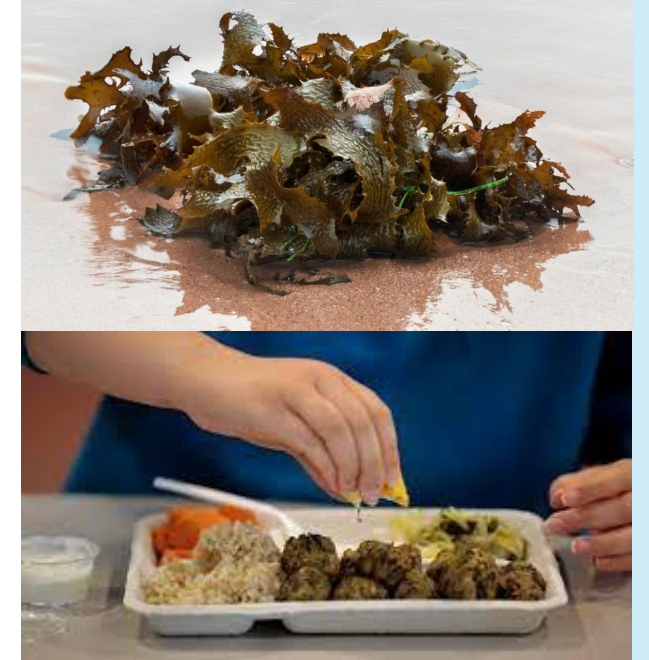


# Food Security

- Many essential macro- & micro-nutrients
- Bio-stimulant, helps improve crop quality
- Livestock, poultry, & aquaculture feed supplement
- School meals – extreme malnutrition



Often primary household food decision makers  
→ Educate on seaweeds' nutritional value



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# Environmental Security

- Plastics alternative
- Terrestrial runoff nutrient absorption
- Ruminant methane emissions reduction
- Supporting & restoring biodiversity, role in regulating climate
- Wastewater treatment



- ➔ Smallholder Indigenous knowledge & traditional aquaculture practices
- ➔ Integrated Multi-Trophic Aquaculture (IMTA)



## ♀ Recommendations

- Integrate seaweed into national development & marine spatial planning
- Incentivize & strengthen women's agency throughout the value chain
- Recognize seaweed / nutrition / women connection
- Tailor training to women's needs
- Assure women's safety
- Deal with sargassum blooms
- Establish global seaweed research consortium, incorporating gender



Thank you!

[www.globalseaweedcoalition.org](http://www.globalseaweedcoalition.org)



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