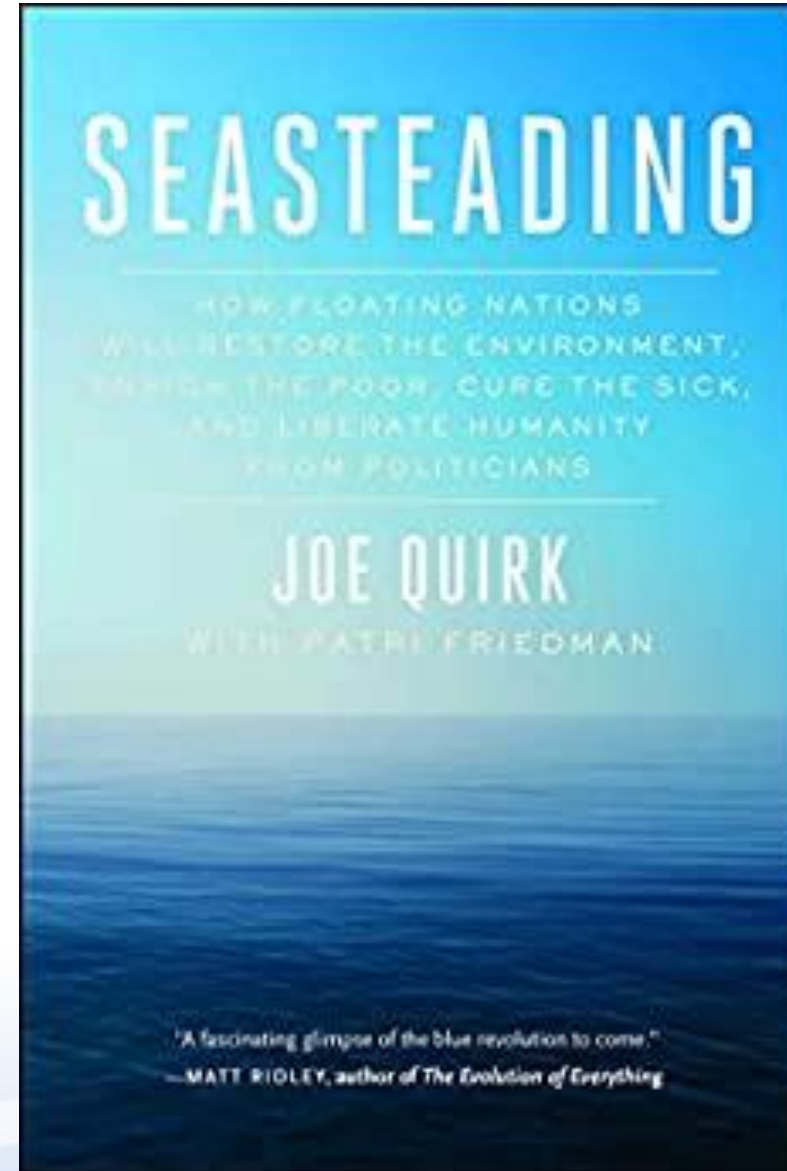


Top 15 Trends In The Business of Aquaculture

#1 SeaSteading

- We think Floating Nations, which are now being built upon the sea, are going to Restore the Environment, Enrich the Poor, Cure the Sick, and Liberate Humanity as they become free from overburdening land based governments.



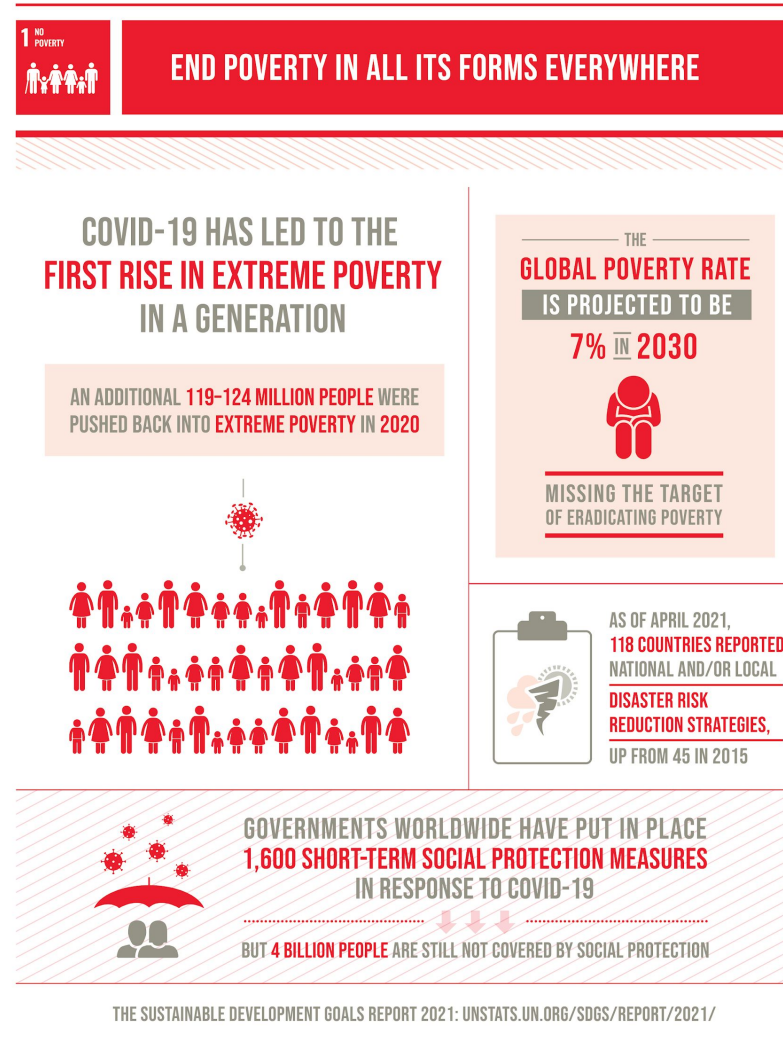
#2 Ecologically Beneficial Seaweed and Shellfish Aquaculture

- Nutrient runoff from human occupation along our shorelines is creating artificially high microalgae blooms that are feeding on these nutrients. This is upsetting the natural ecology. Large scale, low density, seaweed and shellfish cultivation, which feed upon these excessive nutrients and blooms, will produce massive amounts of food for humans, all the while helping to rebalance the ecology.



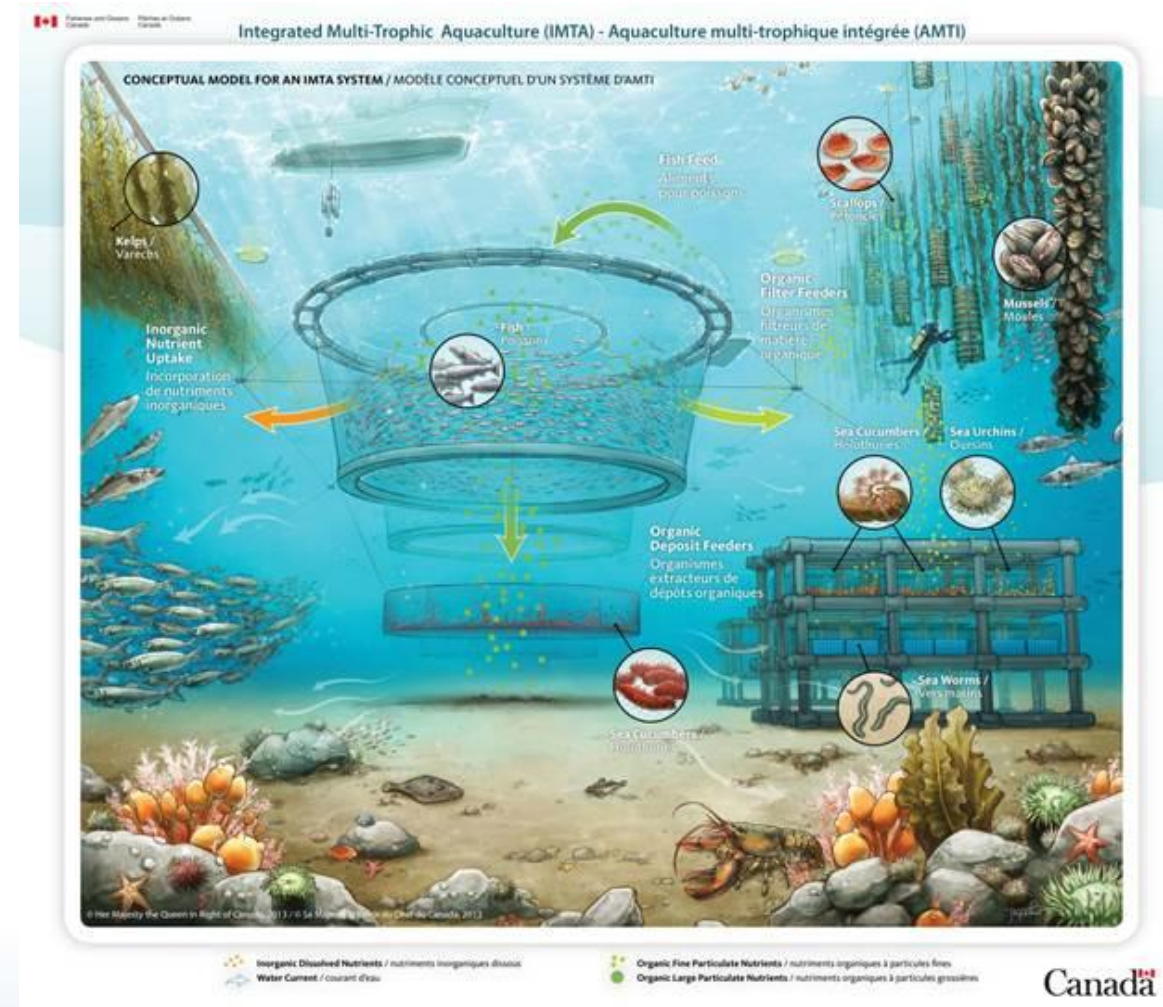
#3 Feeding the Poor

- There are hundreds of thousands of hectares of subtidal area along our ocean shorelines that are suitable for culturing species, such as geoduck clams.
- Once you get up into that kind of economy of scale, you no longer are just feeding the rich. You are also feeding the poor.



#4 Polyculture

- Integrated Multi-Trophic Aquaculture will be experiencing explosive growth in the near future.
- It has the economic potential to produce massive quantities of food, all the while helping to maintain and improve upon the health of the ecology.



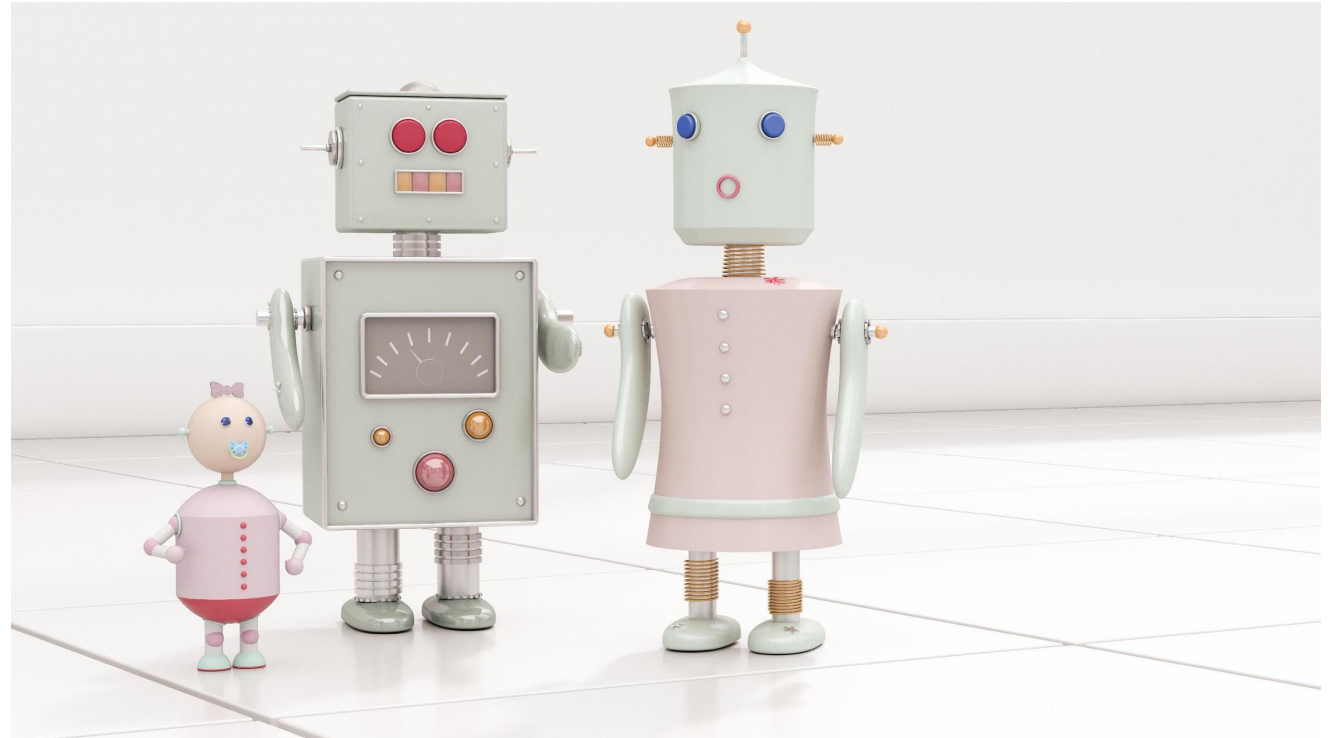
#5 Diversification In Location

- If you grow all your crop in one geographical region, and that area becomes susceptible to political or ecological problems, there may not be much you can do. So, you are going to see more large companies diversifying into different areas all around the world.



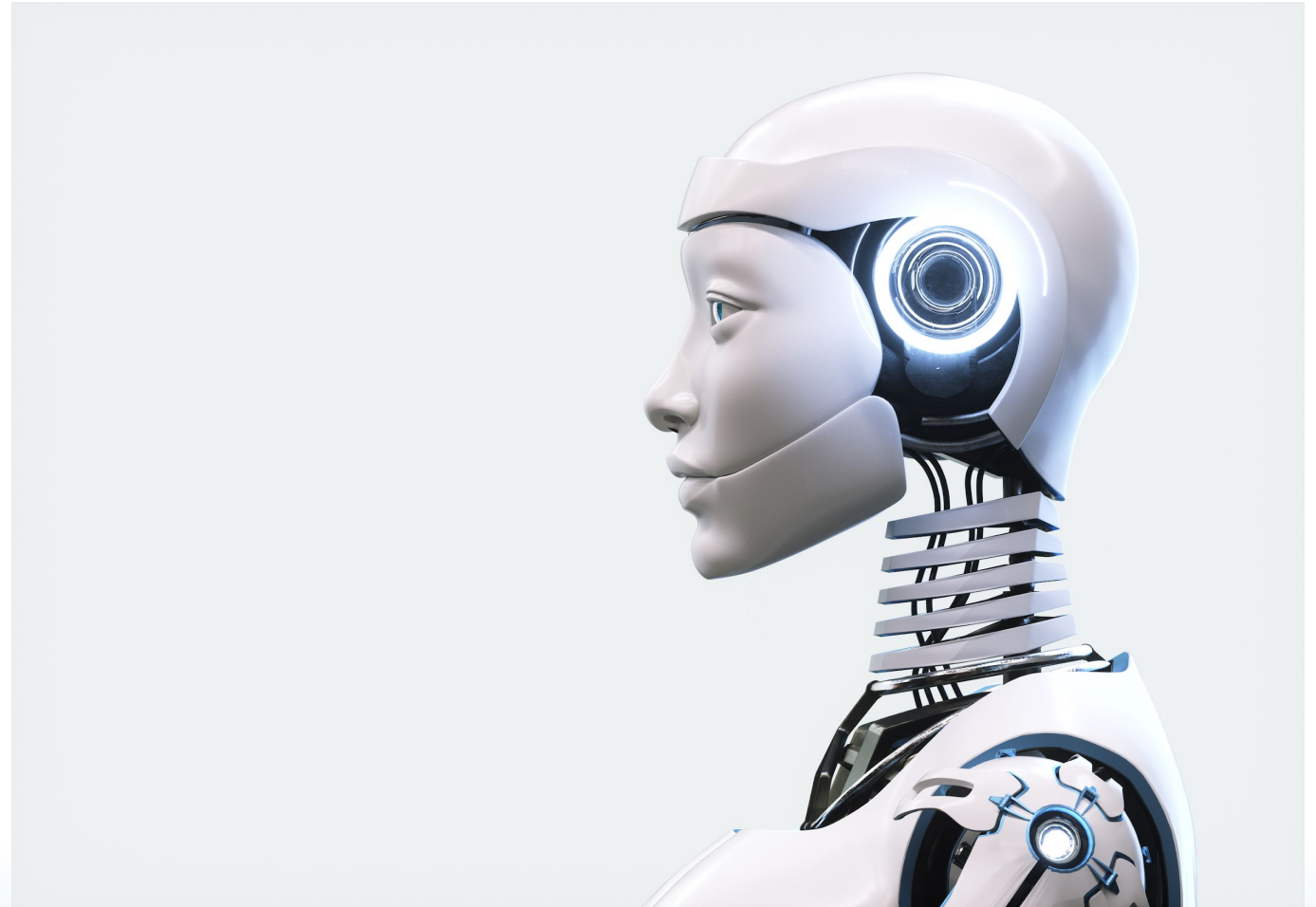
#6 Large Company Expansion

- The mom-and-pop aquaculture industry is fading away in the developed countries.
- So we are going to see the larger companies exponentially expanding within the aquaculture industry.
- At the same time subsistence level local fishing economies will be moving into aquaculture as their shoreline fisheries collapse from factory fishing encroachment.



#7 Aquaculture Technology

- Technology in the future will do more than just produce food. It will also be used to reduce or mitigate negative environmental effects.
- Sustainability Technology Nanobubble, Precision Aquaculture, Internet of Things, and other movements, will become career choices in their own right for people seeking work in the aquaculture industry.



#8 Sustainability Lingo

- Greenwashing is helping people to distinguish the genuinely sustainable from the knock offs.
- Here are some of the new hashtags that may also help:

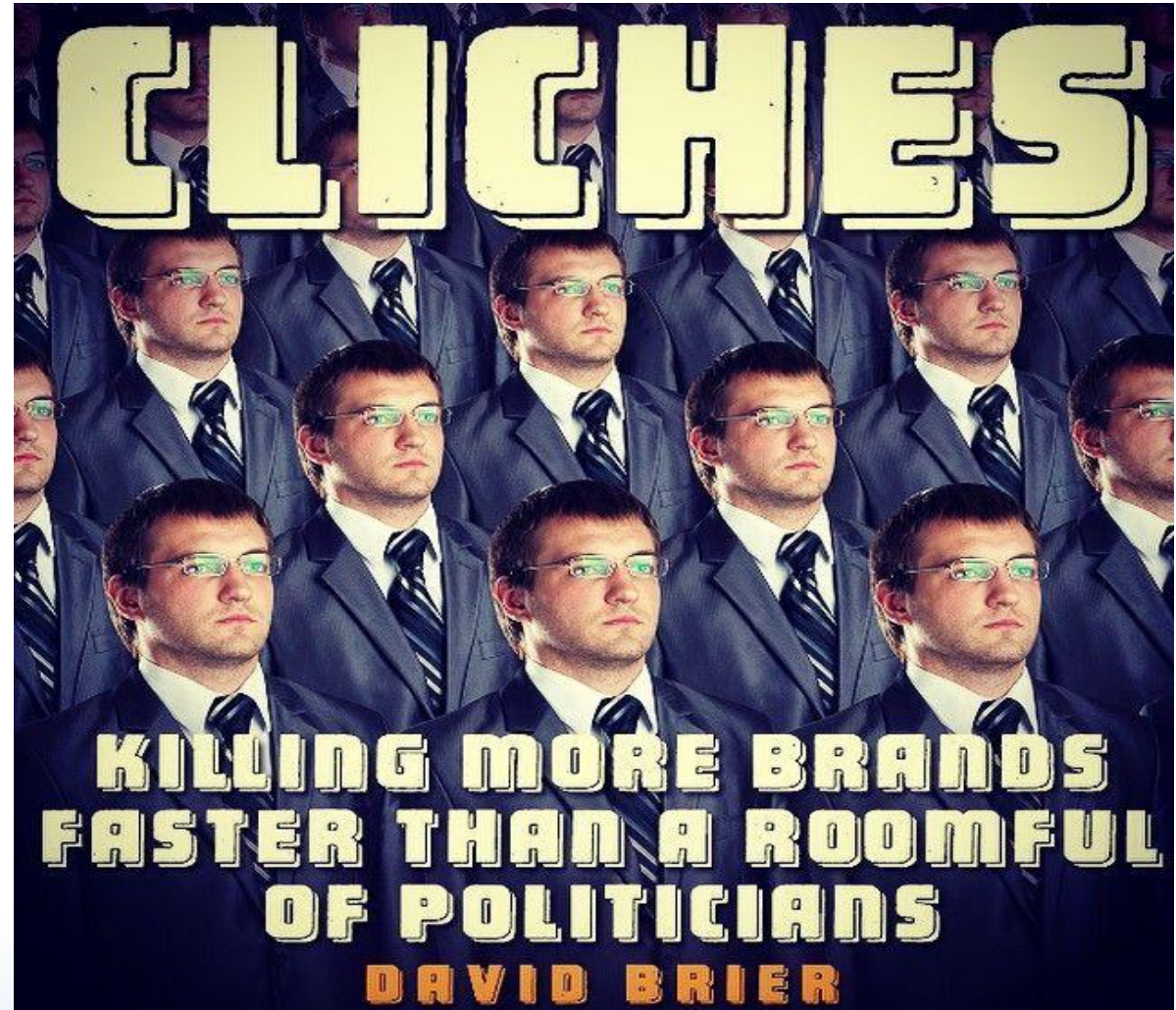
#climatepositive

#futurepositive

#responsibleaquaculture

#restorativeaquaculture

#responsibleseafood



#8 Traceability and Transparency

- These concepts will also help make greenwashing more noticeable, as well as build increasing trust by the end user in the quality of the product.
- These two concepts will also aid in the development of healthy genetics.



#9 “Blue” Philanthropy

- Wanting to do something meaningful with their money as immense wealth becomes increasingly concentrated into fewer hands will help accelerate the development of the sustainability movement within the aquaculture industry.



#10 Blue Carbon Credit Set Up

- Growing government support to cure marine and microplastics pollution working symbiotically with Philanthrope as part of the Blue Economy Strategy will increase investment into the right kind of aquaculture.



#11 Meat Cultivation

- Responsibly sourced, high quality protein from the sea will reduce the pressure on land based meat production



#12 Increased Collaboration

- Reconciliation,
- Social Justice movements,
- Indigenous partnerships,
- Ecosystem management,
- Better technology,
- More educated people,
- Better Supply lines, and
- Adaptive Management Strategies will speed up the advancement of the Aquaculture Industry.



#13 Shorter Production Cycles

- As technology plays an increasing role, the payback period will be shorter, increasing productivity



#14 Recirculating Aquaculture System (RAS)

- Land based aquaculture and
- Close containment
- Will bring aquaculture closer to major metropolitan areas, reducing transportation costs and creating a metropolitan local food system.



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#15 Shift in Consumer Trends

- People are starting to cook more at home, and are becoming increasingly conscious of what they are buying. They want supportively packaged, safe, healthy food with a low carbon footprint.



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