

The logo for MiAlgae is centered within a thin white oval. The word "MiAlgae" is written in a bold, sans-serif font. "Mi" is in white, and "Algae" is in a vibrant green. Below the word, the tagline "The next generation of agriculture" is written in a smaller, white, sans-serif font.

MiAlgae

The next generation of agriculture

Circular economy -
uniting environmental and economic success

Douglas Martin

27th October 2017

A decorative horizontal band at the bottom of the slide features a vibrant green, wavy, liquid-like pattern.

A World of Woes



“We don’t have to save the world.
The world is big enough to look after
itself.

What we have to be concerned about
is whether or not the world we live in
will be capable of sustaining us in it.”

Douglas Adams

Circular Economy in Action



Environmentally beneficial

AND

Economically attractive



Environmental problem



Resource issues

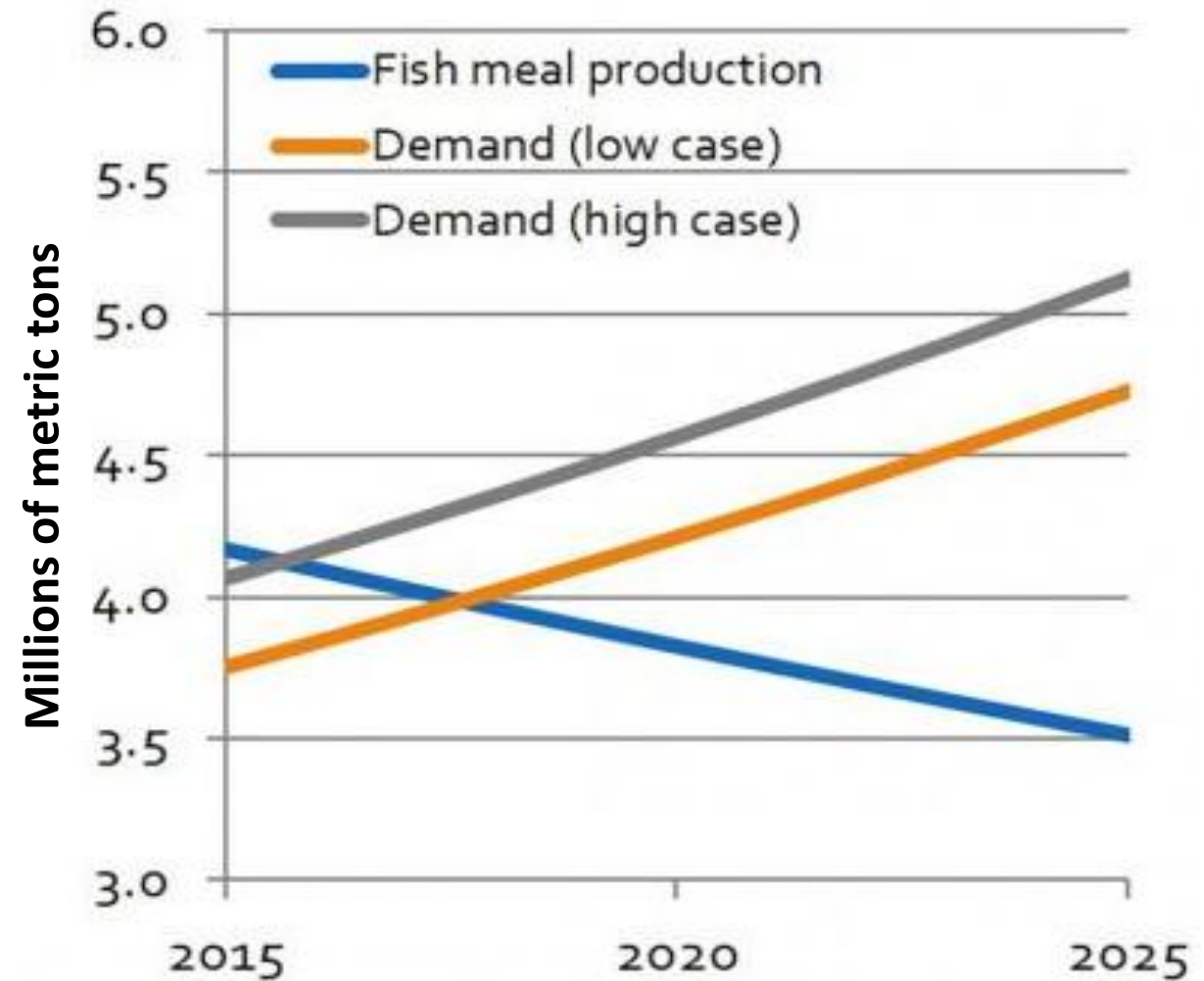


Food security



- Growing population
- 60% more food by 2050
- Fishmeal & oil are key feed ingredients
- Reduction in omega-3s levels in salmon
- Global wild fisheries collapse by 2050

➤ **Supplementation is Imperative**



Source: Lux Research Inc.

The Microalgal Solution



Omega-3s

A hexagonal frame containing a close-up image of a green, foamy microalgal culture. The text "Omega-3s" is centered in white.

**Super
Food**

A hexagonal frame containing a close-up image of a green, foamy microalgal culture. The text "Super Food" is centered in white.

**Small
Space**

A hexagonal frame containing a close-up image of a green, foamy microalgal culture. The text "Small Space" is centered in white.

**Grows
Fast**

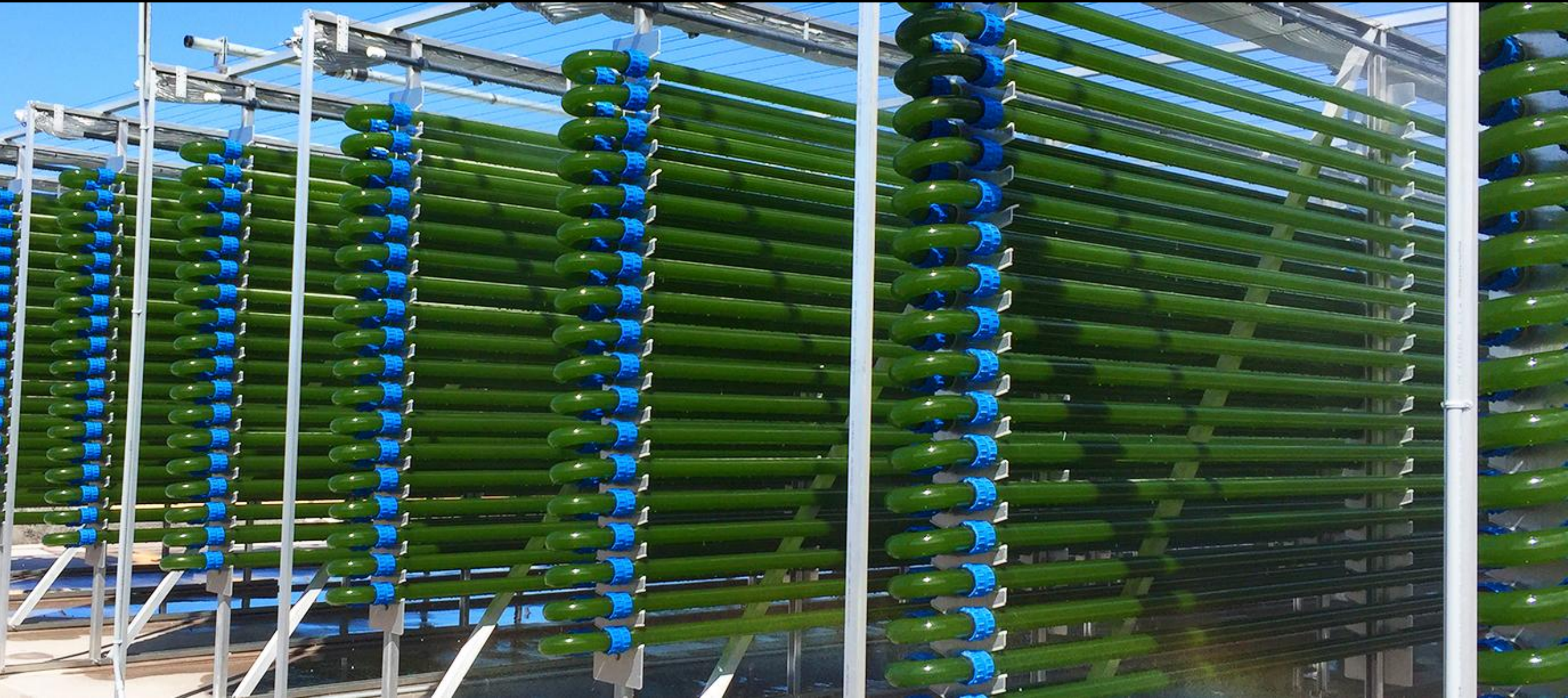
A hexagonal frame containing a close-up image of a green, foamy microalgal culture. The text "Grows Fast" is centered in white.

**High
Quality**

A hexagonal frame containing a close-up image of a green, foamy microalgal culture. The text "High Quality" is centered in white.

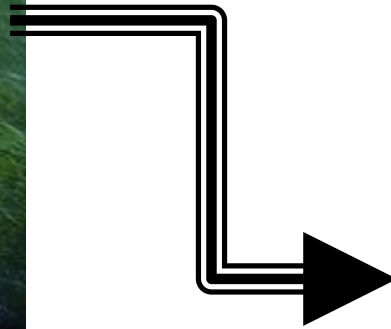
How do you grow algae commercially?

MiAlgae
The next generation of agriculture



Our Innovative Solution

MiAlgae
The next generation of agriculture



MiAlgae's Proposition



Waste products

Co-Products

Waste heat

Additional nutrients



Scalable dark process

Omega-3 rich algae

Dischargeable water

Our Innovative Solution



- Using nutrient rich wastewater
- Drastically reduced costs
- Novel production method

- ✓ Low price point
- ✓ Stable price point
- ✓ Environmentally beneficial

Timeline



2017

2018

2019

▲
Today

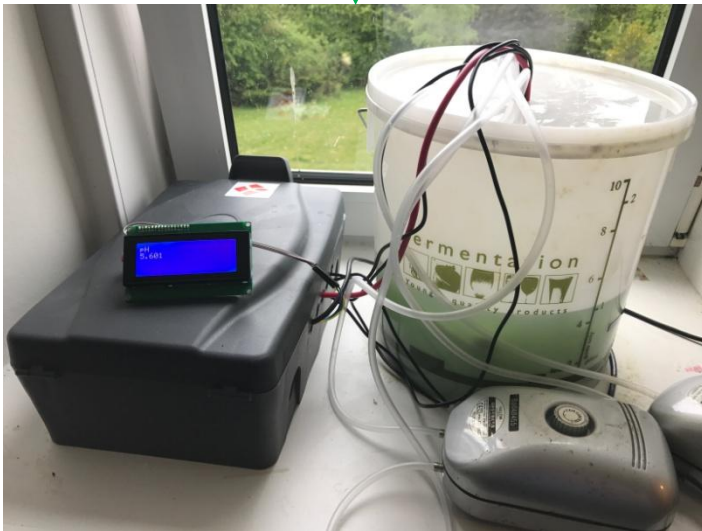
Prototype Bioreactor

Bootstrapped Systems

Process Optimization

Pilot

Evolution of MiAlgae



We currently are working with:

MiAlgae
The next generation of agriculture



SMART: SCOTLAND programme



Qila Energy


**Scottish
Aquaculture
Innovation
Centre**

eccci
EDINBURGH CENTRE
FOR CARBON INNOVATION

DIAGEO



Farne
of Scotland

 SCOTTISH
ASSOCIATION
for MARINE
SCIENCE

 **Climate-KIC**

 Scottish Bioenergy

Shell
liveWIRE
supporting bright young business

 **IBiolC**

STRATHENDRICK BIOGAS LTD


Scottish Enterprise

MiAlgae's future



Funding

- Dilutive
- Non-dilutive



Partnerships

- Suppliers
- Customers
- Stakeholders

Advisors

- Non-exec board
- Advisory board

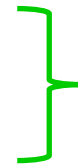


In Summary



Market requirement for change

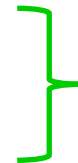
- Demand Increasing
- Supply Decreasing



Financially attractive alternative

Current production unsustainable

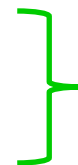
- Environmentally destructive
- Economically unattractive



MiAlgae's innovative process

Improved global population health

- Feeding a growing population
- Improving food quality



Healthy, sustainable future



Utilising nutrient-rich
wastewater to produce
microalgal products for the
livestock feed industry.

Contact us:

douglas.martin@mialgae.com || +44 779 537 3610 || www.mialgae.com ||    