

PROTONTM - A Sustainable Protein Solution

RECYCLING INDUSTRIAL CO2 INTO PROTEIN FOR SUSTAINABLE ANIMAL FEED

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unreasonable impact Created with BARCLAYS





>€4M FUNDING FROM UK & EU BODIES 2019 & 2020

UNREASONABLE IMPACT 2020 SOLAR IMPULSE FOUNDATION 2020

FORBES MAGAZINE 2019

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Problem:

We cannot sustainably feed the animals we eat...

...Demand for animal products will double by 2050

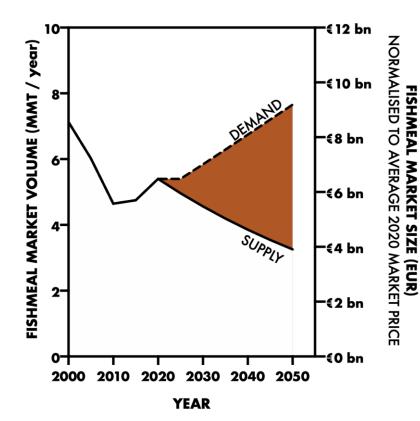






Problem:

Protein for animal diets is too resource intensive to meet growing demand





1. CO₂ TRANSFORMED INTO

PROTONTM



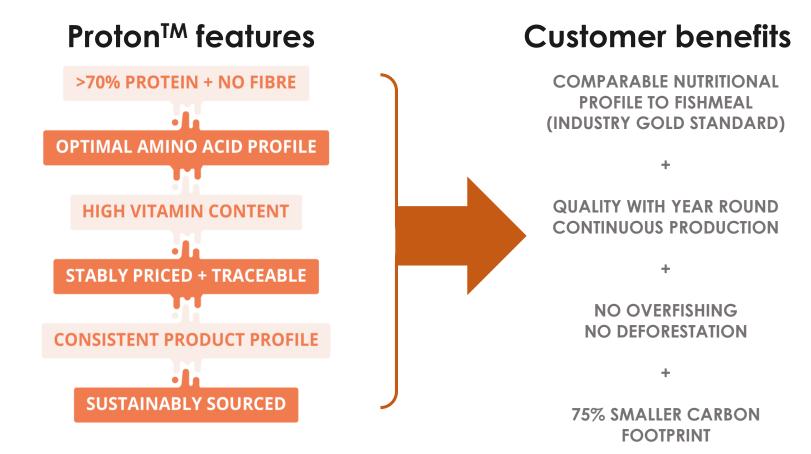
Our solution: Transform CO₂ into protein

3. MORE SUSTAINABLE ANIMAL PRODUCTS



4







Impact

For every 100 kT of Proton™ produced: restoring ecosystems

Deforestation

avoided for an area

3X that of Paris

Preserving &

2. Environmentally friendly food production 3. Climate mitigation & circular economy

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90% less CO₂ per tonne of feed protein 27% less CO₂ per salmon fillet

>60,000 barrels of oil saved through avoidance of transcontinental shipping



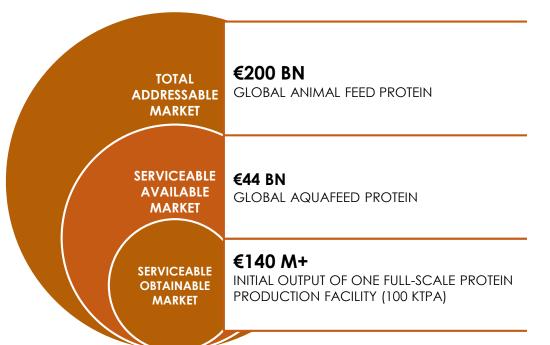


Market

Alternative Proteins



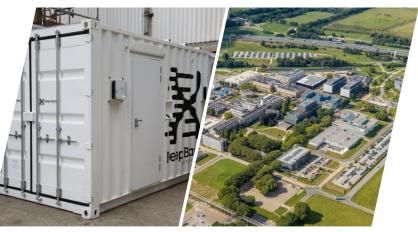
NEW PROTEIN SOURCES MUST BE COST-COMPETITIVE, SUSTAINABLE & AVAILABLE IN HIGH VOLUME





PRODUCTION OVERVIEW

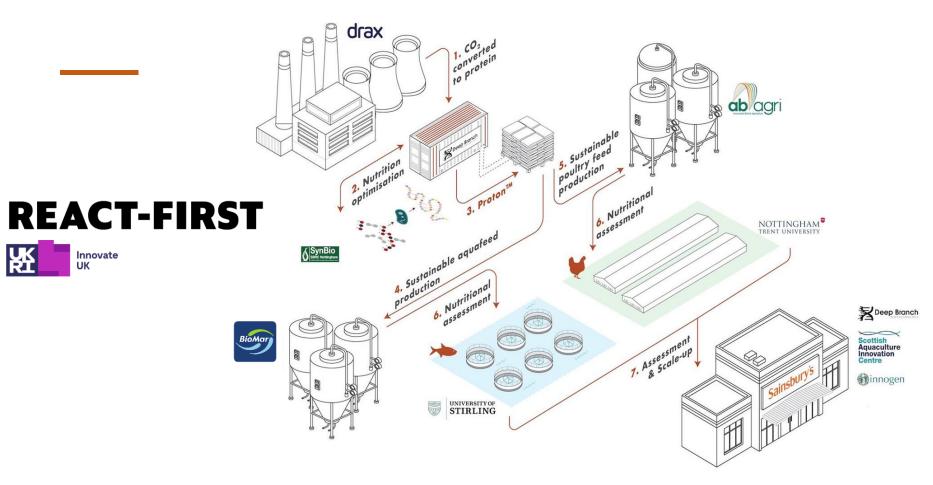
- Scale up from the Mobile Pilot Unit currently at Drax
- European Innovation Council Accelerator Grant
- Build and test a scale up plant- Brightlands, Chemelot Campus, Geleen, Netherlands
- Protein production by mid 2021
- Commercial scale production...2024



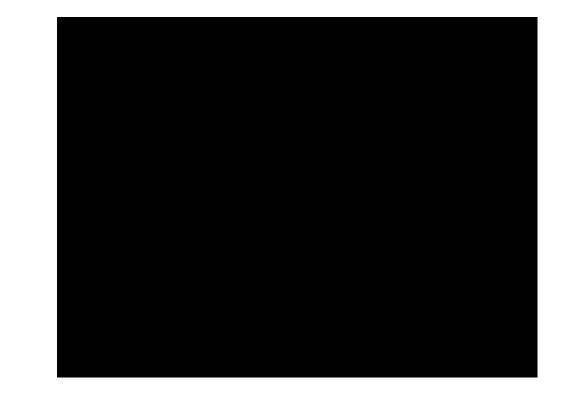


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