



Innovate  
UK



## About the Company

Aquature Ltd is a UK start-up focussing on decarbonizing wastewater treatment and recovery of chemical products.

We are based in the UK and EU and are backed by AngloAmerican and DeepScienceVentures

## Our Capabilities

- Waste-stream Evaluation for energy recovery
- Technology Partner

## The Project/Technology

The Bioelectric refinery converts wastewater directly into hydrogen, caustic and green platform chemicals

The process is energy positive and carbon – negative, thus decarbonizing the wastewater producing process

## Desired Partners

Industrial wastewater producing industry and treatment plants

- SASOL, SAB
- Rand Water



## About us

Founded in 2022  
UK and EU based

### Focus

BioElectric technologies for  
wastewater treatment and recovery of  
green chemicals

### CoFunded by:

AngloAmerican and  
DeepscienceVentures

### Aquature Ltd (London, UK):

- HQ
- Asset holding
- UK & Global Market



### Aquature Technologies B.V. (Antwerp, Belgium):

- EU Market
- Lab facilities
- R&D activities





# A modular next-generation energy recovery system

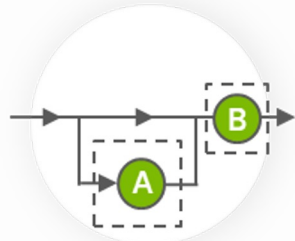


A world-first process integration of two pioneering technologies

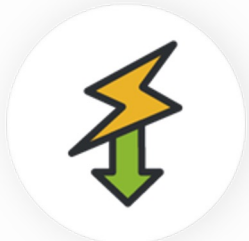
Aquature's modular process benefits:



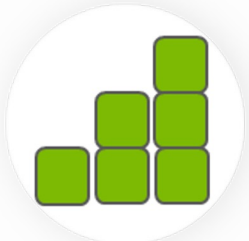
10x smaller



Flexible integration

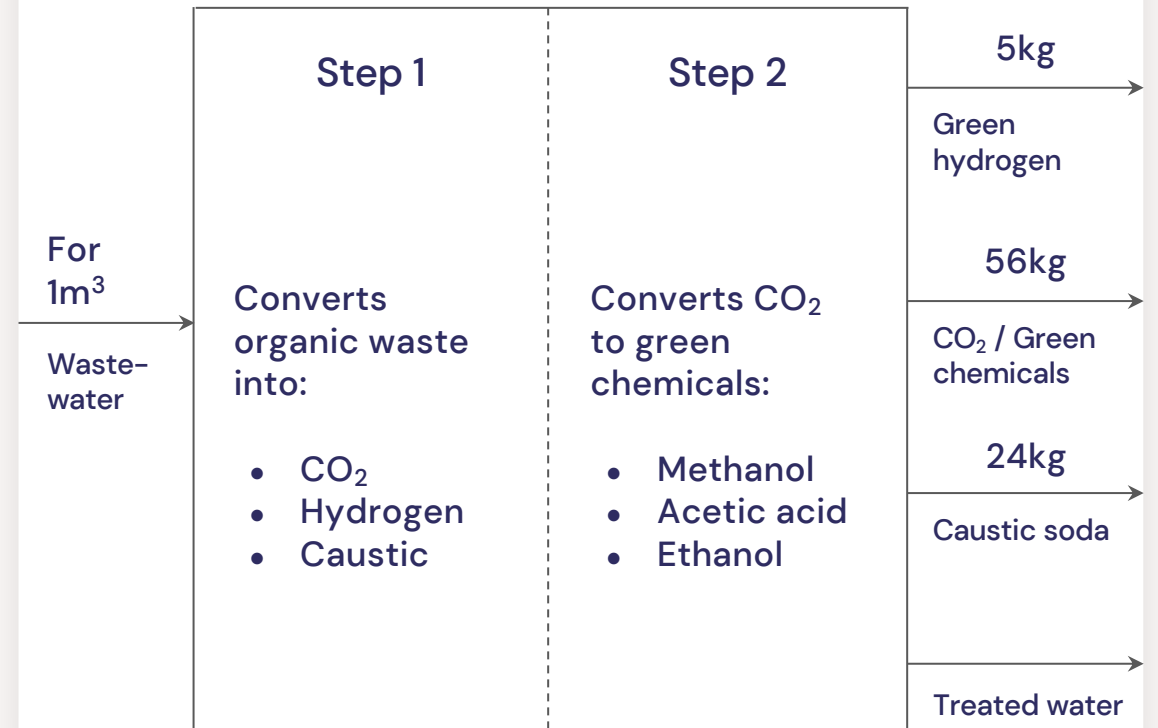


Net energy positive

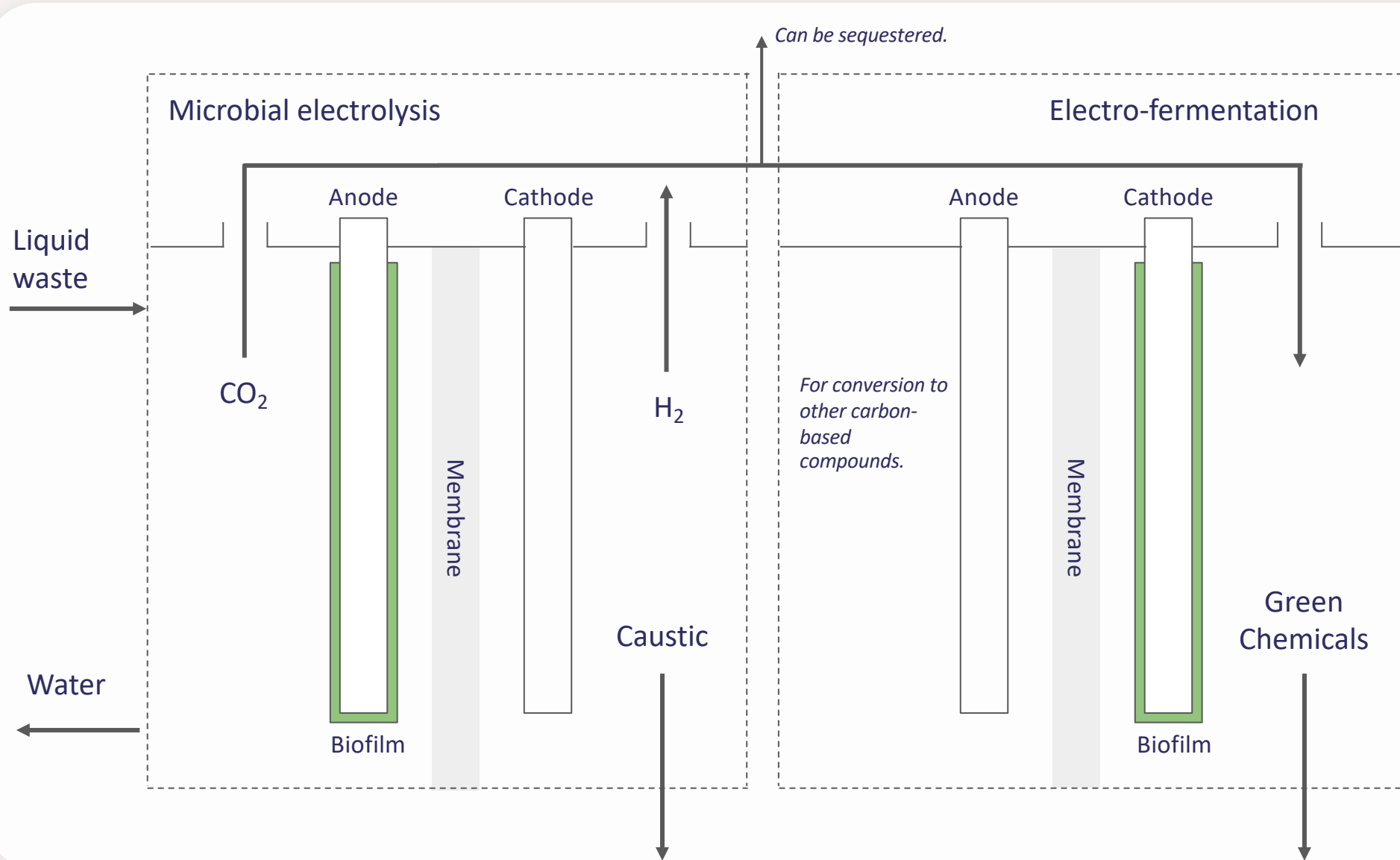


Flexible scale-up/-down

## Bio-Electric Platform Refinery\*



# A modular next-generation energy recovery system



# Q&A



Innovate  
UK



Clean Fuel from Liquid Waste

## Contact

[www.aquature.co.uk](http://www.aquature.co.uk)

Bjoern Pietruschka (CEO)

[bjoern@aquature.co.uk](mailto:bjoern@aquature.co.uk)

+49-176-6090-7775

