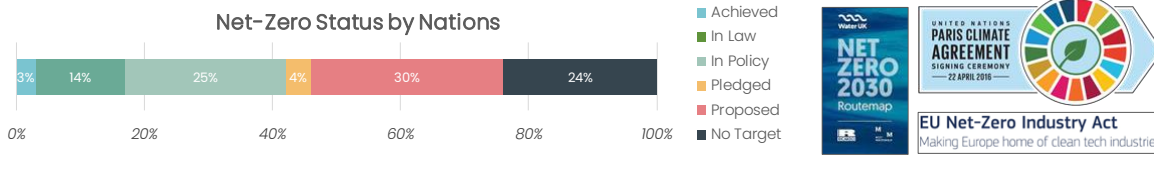


## Energy Problems within Industry

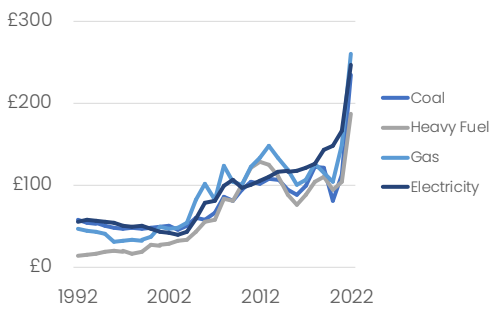
### ① Environmental Regulatory Pressures

Net-Zero Status by Nations



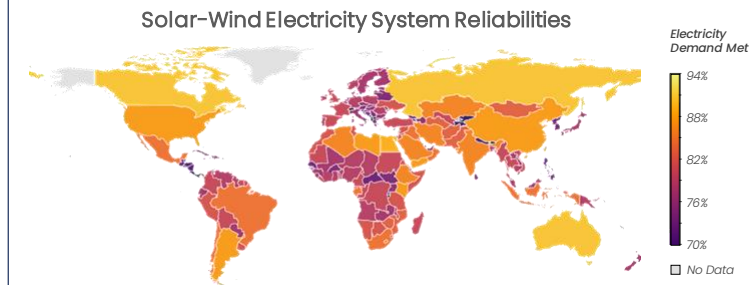
23.4% of Greenhouse Gas (GHG) emissions coming from energy used to power Industry

### ③ Increasing Fuel Prices



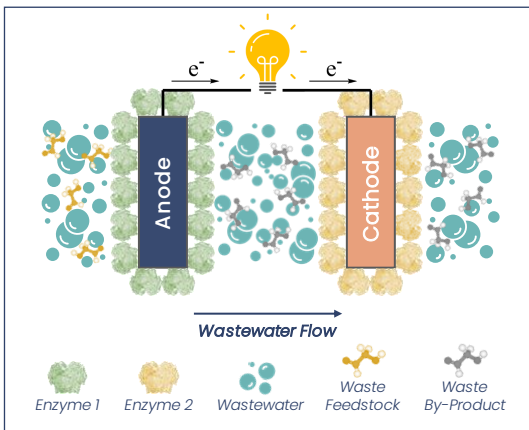
### ② Unreliable Energy Supply

Solar-Wind Electricity System Reliabilities

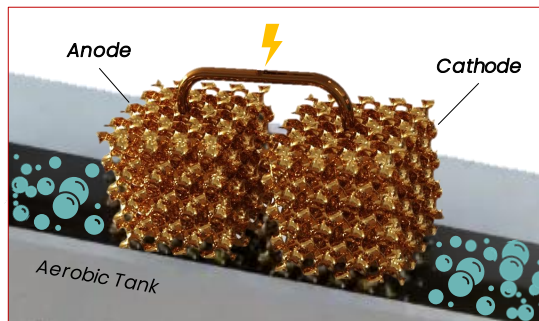


## Higher Efficiency Enzymatic Biofuel Cells

### Enzymatic Biofuel Cell Explained



### Enzyme-Coated Electrodes



### How it Works:

- Geometry tailored to tank size
- Easy install via open top tanks
- Topology optimised for max energy generation & flow
- Electricity fed back into facility

Full-Scale Potential (MK5 Unit)

1.7 GWh p.a.

Equivalent to 5,128x commercial solar panels.

## Commercial Viability within Water Industry

### Competitive Advantages:

- Patentable technology
- Retrofits within existing infrastructure
- Continuous renewable energy
- Pure electricity, no burning of biofuel
- Adaptable to different waste targets

4% global energy consumption. 5% global GHG emissions.

SEVERN-TRENT WATER, Scottish Water, NORTHUMBRIAN WATER, Dŵr Cymru Welsh Water, anglanwater



TAM Global Renewable Energy

\$1.9 tn  
8.5% CAGR

2,800 GWh consumed by UK WWTPs per year

equivalent to £4.23 bn in annual UK energy costs

## Founding Team



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