

## COST-EFFECTIVE AND ENERGY EFFICIENT PRODUCTION OF GREEN HYDROGEN



# COMPANY OVERVIEW



## Mission

HyET E-Trol's core mission is to develop and commercialize new innovative AEM and PCEC electrolyzer technologies to substantially decrease the cost of green hydrogen production.



## Value proposition

HyET E-Trol's core technologies reduces the CAPEX and OPEX of green hydrogen production, allowing for large scale access to and implementation of the green hydrogen economy.



## Key technologies

- **Innovative AEM electrolyzer technology based on innovative membranes and operating philosophies** resulting in very high energy efficiencies.
- **High temperature proton conducting solid oxide water electrolyzers** that can operate at very high energy efficiencies, owing to the high conductivity of protons.
- **Integrated high differential pressure water electrolyzers** that can directly output hydrogen at high pressures (up to 200 bar). This will decrease the capital investment costs of high pressure green hydrogen production.

## Examples of markets served

Large-scale seasonal power storage

Petrochemicals and fertilizers

Ammonia synthesis

Steel

Direct gas grid injection

Renewable high temperature heating

Plastics



HyET E-Trol BV  
Westervoortsedijk 71K  
6827AV Arnhem  
The Netherlands  
+31 26 443 9464  
info@hyetetrol.com