

A nighttime photograph of a city skyline, likely Shanghai, featuring several prominent skyscrapers. The buildings are illuminated with various colors, including blue, purple, and yellow. The sky is dark, and the overall scene is vibrant and modern.

Hy-Met

**Supporting future energy sector to bring clean,
sustainable, and affordable energy to all.**

14 June 2022

HY-MET TEAM

Ms. Chelsey Bird

"Qualified chartered accountant with experience in consultancy, digital start up & manufacturing industry"



CFO

Mr. James Smith

"Experienced intreprenuer in the HE research environment, especially in developing funding bids, strategies and partnerships."



CCO



CTO

Dr. Andrew Tweedie

"15+ years experience in ultrasonic sensing and simulation, with core interests in extending ultrasonic sensing capabilities using AI and advanced sensors"



CEO

Dr. Nishal Ramadas

"20 years experience in software and instrumentation development, especially leading blue-sky R/D programs in both corporate (oil/gas) & academic setups"

HRS METERS

Significant CAPEX/OPEX

One of the two most expensive component in the measurement box – calibration/maintenance are also critical

Heavy/Big & Not easily scalable

Typical HRS meter weighs around 7Kgs and not easy to install them in manifold, especially with many fuelling outlets

Reliability/Accuracy is questionable

Hydrogen and other unconventional gases bring unique challenges that require bespoke solutions. Evolving standards/regulations makes this even more challenging



BUSINESS MODEL



Hardware Sales

Meters & skids for HRS and other applications



Software Subscription

Subscription for continuous condition monitoring & enterprise level software plugin for meters/stations

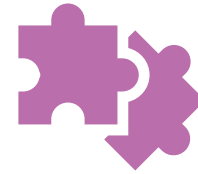


Consultancy Model

Use Hy-Met integrated Development Environment (IDE) to apply our platform to other applications – including industrial metering of H₂, Ammonia & CO₂



FUNDRAISING



Expand Hy-Met Team

To expedite product development & convert the current prototype(s) from TRL3/4 to market ready pilot versions in the next 12 months



Pilot Installations

Setup strategic collaboration for pilot testing & small-scale production / certification



Further Collaborations

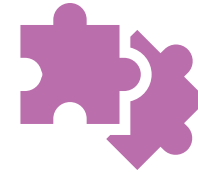
Match funding in larger research grant to apply our measurement platform to other high growth hydrogen/CCUS areas

Challenges



Cashflow

- Matched funding
- Timing of cash payments



How do we support ourselves?

- Staff availability
- Personal finances



Debt finance not easily accessible for an innovative business

- Associated cost
- Require revenue stream to support the debt

Interested to grow with us?



Contact Us

Hy-Met

info@hy-met.com, +44-(0)7387 18 17 91
Hy-Met Limited
WMG-NatWest Clean Transport Accelerator
University of Warwick
Coventry, UK

Thanks for all the support we received from collaborators/advisors :

