

# HYENA

HYDROGEN ENERGY  
APPLICATIONS

## MAKING FUEL CELLS POSSIBLE

INVESTING IN AFRICA'S CLEAN ENERGY FUTURE



### THE DIESEL DILEMMA

Diesel generators dominate Africa's backup/off-grid power but are noisy, polluting, theft-prone, and costly to maintain.

They produce CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub> emissions and are unreliable in remote, underserved locations.

Hydrogen fuel cells are cleaner—but global deployment is limited due to no existing hydrogen infrastructure.



### THE SOLUTION: THE POWER POD

A modular hydrogen fuel cell platform that generates clean, off-grid electricity using LPG, biogas, or natural gas—with no hydrogen supply chain required.



**Future-proof:** Runs on available fuels today, upgradeable to green hydrogen when available

**Smart + connected:** Cloud-managed fleet software, automated control suite, predictive maintenance

**Hybrid ready:** Pairs with solar/wind for 24/7 power

**TRL 7:** Demonstrated in real-world environments

[HYENA.COM](https://HYENA.COM)

# ABOUT HYENA

HYENA (Hydrogen Energy Applications Pty, Ltd) is a spinout from the University of Cape Town, focused on solving the global challenge of clean, reliable off-grid power. Our technology bridges the gap between existing energy infrastructure and the future of green hydrogen, enabling immediate deployment.



## WHAT WE'VE ACHIEVED

**Letters of Intent** signed for Proof-of-Concept trials:

- Telecom tower deployment (50+ site potential)
- Biogas rural site integration (goal: 100+ sites by 2030)

**Proven control software**, in-house developed

**Real-world validations** and successful funding rounds

**Strong pipeline** with identified early adopters across infrastructure, energy, and sustainability sectors

**UCT shareholding in HYENA:** Through IP assignment and investment

## BE PART OF THE CLEAN POWER FUTURE!



# HYENA

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Request our full investor deck or set up a meeting and discover how you can take part in scaling clean energy innovation with HYENA.