

Fuel cell innovation realised

Women in Green H₂

A New Perspective

Dr Michaela Kendall CEO 30+ Years Pioneering the Hydrogen Economy

Commercial in confidence: not for circulation

Who are we? – Adelan

- Adelan are a Birmingham based fuel cell technology company
- Adelan are growing the UK hydrogen & fuel cell industry
- Delivering this through scientific innovation, projects, partnership and manufacturing





C Commercial in confidence: not for circulation



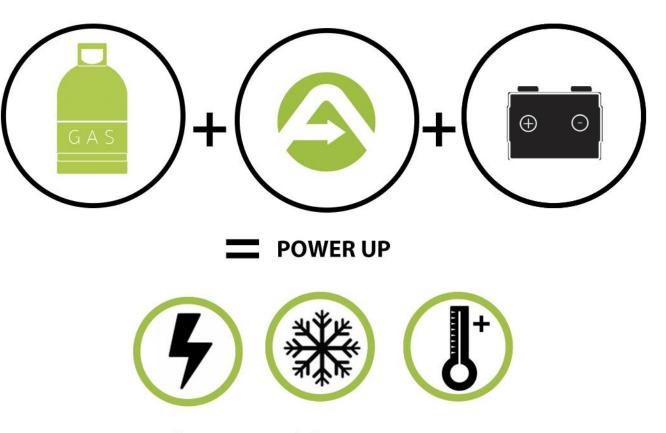


A global innovator in the field of fuel cell technology, fuel transition and hydrogen fuel. Hydrogen Voice for UK Government, Chair of the Midlands Hydrogen Fuel Cell Network & Hydrogen Advisor to UK Government Ministers, plus international Governments.

C Commercial in confidence: not for circulation

fuel cell products





heat up . cool down . power up

Fuel cells are the cleanest possible technology for reliable off grid electricity generation. encernot for circulation

AT Fuel cell innovation realised -`__`-H /\$ ۲ ا Leisure Digital Rail Buildings, Emergency Off Grid **Events** Smart Services Construction Response Automotive Energy SOLUTION Fuel Cell, Solar and Battery Integrated Design Fuel Cell and Battery Integrated Design PRODUCT Sub 1 kW System Sub 2 kW System COMMERCIAL STATUS Commercial **PoC Planned** Commercial **PoC Completed** Commercial in confidence: not for circulation

Vertical Market

Adelan Unique Fuel Cell Products



DELAN











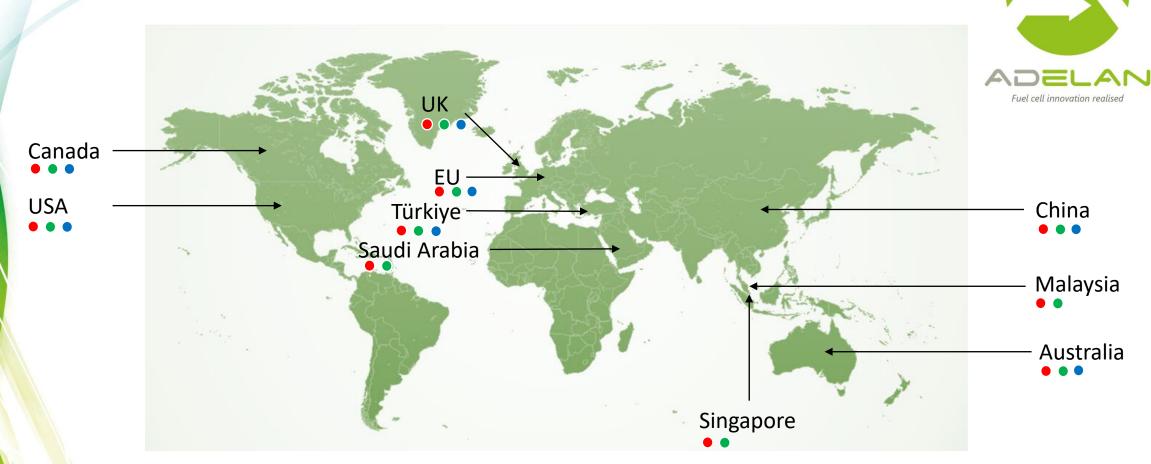


Fuel cells are the cleanest possible technology for reliable off grid electricity generation.

© Commercial in confidence: not for circulation



Adelan Global Engagements



- Strategy Advisor
- Technology Partnership
- Commercial Deployment

H2 Technology Supply Chains



GROSS VALUE ASSIGNED TO COMPONENTS IN TECHNICAL REQUIREMENTS

RELEVANT MANUFACTURING SECTOR APPLIED TO COMPONENTS TO FIND

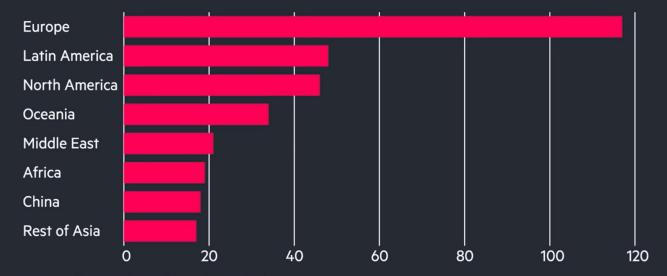


© Commercial in confidence: not for circulation

Hydrogen in 2022... £150bn+ industry



Direct hydrogen investments By region, as of end-Jan 2023 (\$bn)







C/D

Source: Hydrogen Council, McKinsey & Company

© Commercial in confidence: not for circulation

SURSCRIP

Green hydrogen is needed globally... ...so are H₂ technology supply chains





Why Women in Green Hydrogen?





Promoting diversity in Green Hydrogen

© Commercial in confidence: not for circulation

Women constitute just **20% of speakers** at Green Hydrogen Conferences



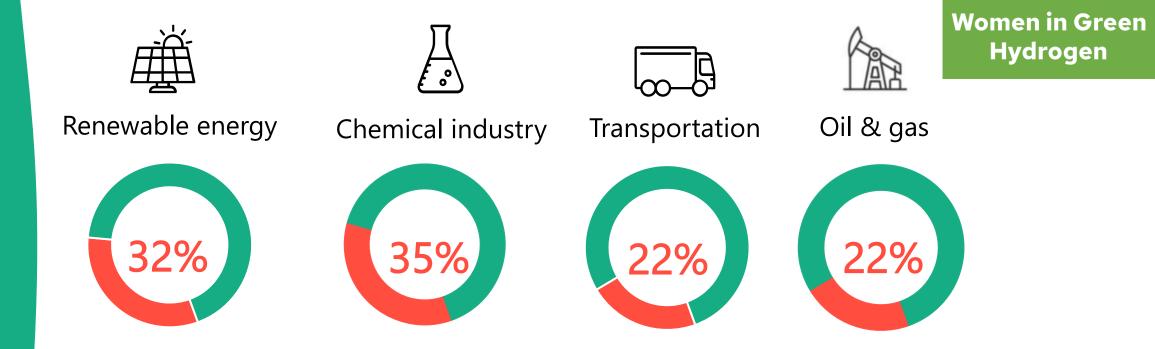


% of Women Working in the Energy Sector



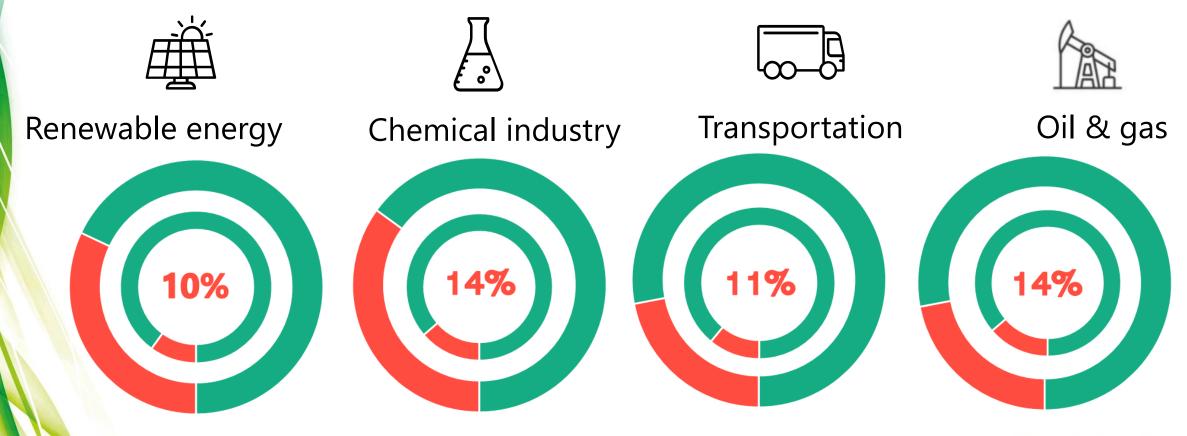
W

Н

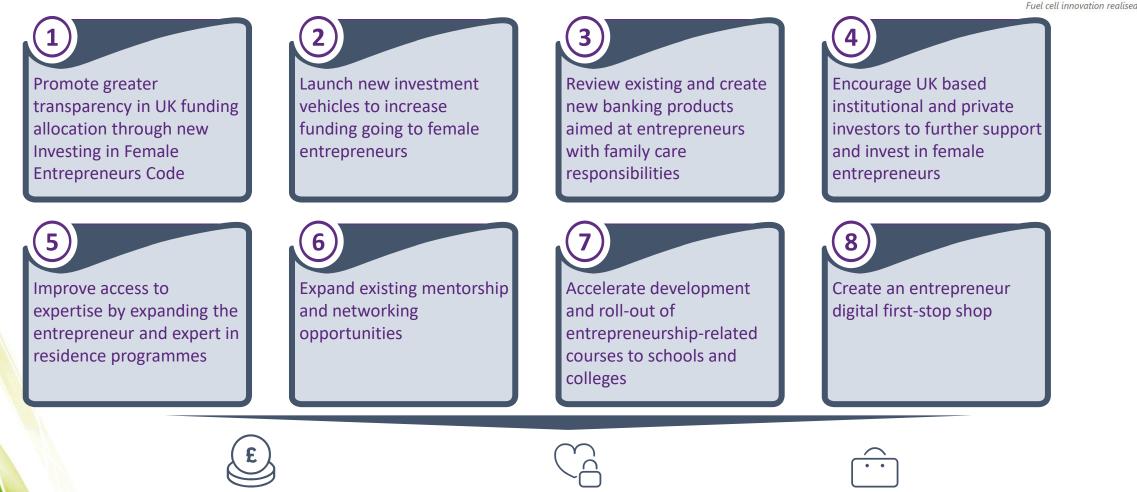




The % of Women in Executive Roles



Rose Review of Female Entrepreneurship (2022) £250bn could be added to UK economy



Access to and awareness of funding

Caring responsibilities

Enabling entrepreneurship

C Commercial in confidence: not for circulation

Fresh drive to accelerate UK female founders get the same opportunities as men



Together, over the coming year, we will launch initiatives to boost access to and awareness of funding, continue to seek solutions to challenges posed by caring responsibilities, and enable entrepreneurship through enhanced support, networking and education. This will include

| 1 Women angel investor campaign | 2 Encourage the launch of further funding opportunities | 3 Expanded networking and mentoring opportunities | 4 Recruit more Code signatories |
|---|--|--|--|
| To support women in becoming business angels, ensuring that female founders have better access to investment | Our aspiration is for 30% of all investment in private companies to go to female founders and co- founders by 2030 | Supporting hundreds of thousands of female founders over the next three years | And work with them to ensure their involvement instils real change |

"With fresh thinking, swift action and a redoubled effort, we can continue to unleash the untapped potential of female-led businesses to drive our economic recovery"

Allison Rose CEO, NatWest Group



How does WiGH tackle this?

WH Women in Green Hydrogen

© Commercial in confidence: not for circulation

THE WIGH EXPERT DATABASE

Expert Database

The Women In Green Hydrogen Expert Database is a crowd-sourced database of women experts working in the field of green hydrogen.

The green hydrogen sector is filled with outstanding women professionals from all around the workl. Our database showcases women's takent, connects experts and decision makers, and offers event organisers a valuable tool to find speakers and disrupt the cycled inmer cominated events.

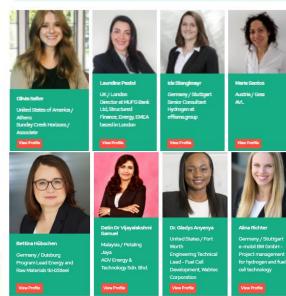
The goal is to promote equality and diversity in conferences, panels, expert talks, media appearances, advisory committees and management boards – making the world of green hydrogen more inclusive and innovative.

You are an hydrogen expert and want to become part of our data base?



Filter search Full text search "new"

| Chemicals | Agriculture | Arabic | A-level (entry level and op | * Initial speaker experience * | |
|-----------------------|----------------|------------|-----------------------------|--------------------------------|-----|
| Consulting | Aviation | Bulgarian | B-level (executive and mic | | |
| Energy | Chemicals | Cantonese | C-level (top-level manage | No experience | Sub |
| Engineering | DAC | Catalan | Technical expert | No experience but interes: | |
| Industry | Electrolysis | Chinese | | Regular speaker | |
| and sales Assessments | J. Landonsking | - Constant | | | |



56 countries



Letlhogonolo Tsoai



WH Women in Green Hydrogen

| Energy Industry | Market uptake Plant / system engeneering Policy instruments | | |
|--|--|--|--|
| Renewable energy | Electricity markets policy and regulation Wind Energy | | |
| Company / Position Independent Consultant, Hinicio | | | |
| Sector | Energy | | |
| Based in | South Africa / Johannesburg | | |
| Languages | English | | |
| Short Bio | COBENEFITS Renewable Energy Specialist with 9 years related experience in the South African Energy sector. | | |
| | Green Hydrogen Market Research. | | |
| Focus Topics | Industry, Market uptake, Plant / system engeneering, Policy instruments, Renewable energy | | |
| Other Expertise | Electricity markets, policy and regulation, Wind Energy | | |

Our Partners & supporters

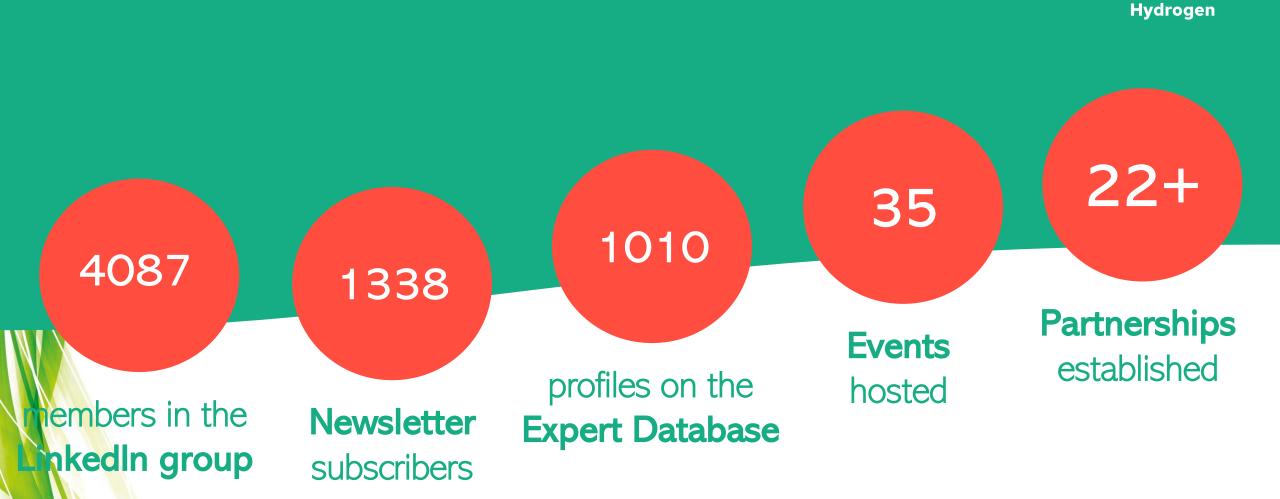




Hydrogen

W

Η



Women in Green

OUR NETWORK IN NUMBERS

See more in our yearbook: WiGH Yearbook 2021 (women-in-green-hydrogen.net)



Connect.

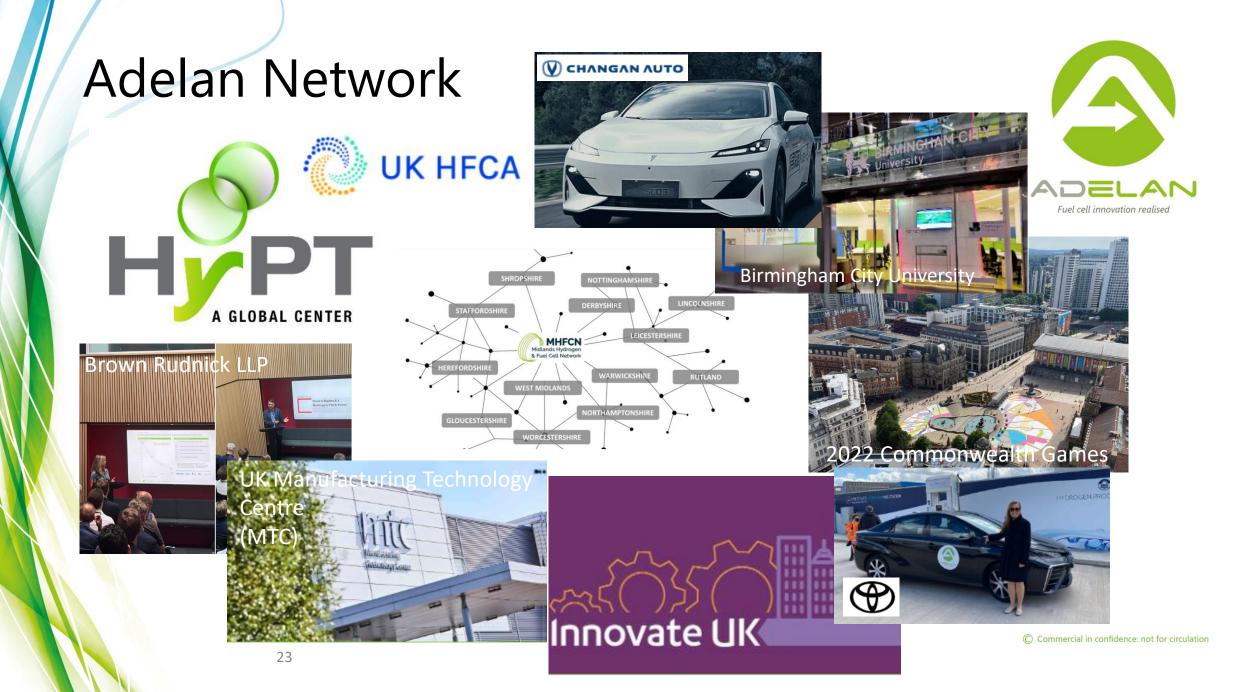
Empower.

Change.

Promoting

in Green Hydrogen

© Commercial in confidence: not for circulation



HYSTORY

THE STORY OF HYDROGEN

Our new book provides all you need to know about hydrogen, past, present and future with the aim of educating the widest audience on the future of hydrogen, through the stories from the leading scientists in this field.

It also provides a list of next steps for hydrogen, recommended by those who have worked in this field for four decades. Dr Michaela Kendal Dr Kevin Kendall PS Andrew P.B. Lound

HYSTORY

The Story of Hydrogen

Chair, Midlands Fuel Cell and Hydrogen Network (MFCHN) and Business Forum

Visiting Professor of Energy Futures (Faculty of Engineering), Birmingham City University

Visiting Professor of Fuel Cell Innovation, Manchester Fuel Cell Innovation Centre, Manchester Metropolitan University

Visiting Professor of Engineering, Aston University

Dr Michaela Kendall

CEO

Adelan Ltd, 15 Weekin Works, 112-116 Park Hill Road, Birmingham B17 9HD UK

M: +44 (0)7514 920566

michaela.kendall@adelan.co.uk

www.adelan.co.uk



C Commercial in confidence: not for circulation

This document contains information which is proprietary and confidential to Adelan Limited. This information may not, without the prior written consent of Adelan Limited, be used or reproduced, in whole or in part, or communicated to any person not employed by Adelan Limited or its affiliated entities.

This information is given in good faith based upon the latest information available to Adelan Limited. No warranty or representation is given concerning such information, and the provision of this information must not be taken as establishing any contractual or other commitment binding upon Adelan Limited or any of its subsidiary or associated companies.



Commercial in confidence: not for circulation