

# KTN and the Hydrogen Innovation Network

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[www.ktn-uk.org](http://www.ktn-uk.org)



# UK Innovation Landscape



## DESNZ

Department for Energy Security and Net Zero



## UKRI

- Research councils
- EPSRC
- STFC
- Research England
- Innovate UK



## Catapults

- High Value Manufacturing
- Energy Systems
- Future Cities
- Offshore Renewable Energy
- Medicines Discovery
- Transport Systems
- Digital



## Innovate UK KTN

Connects innovators with new partners and new opportunities beyond their existing thinking. Accelerating ambitious ideas into real-world solutions





## About Us

Innovate UK KTN exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.



Innovate UK  
KTN

## What we do



### Connecting

- Finding valuable partners
- Project consortium building
- Supply Chain Knowledge
- Driving new connections
- Articulating challenges
- Finding creative solutions



### Funding advice

- Awareness and dissemination
- Public and private finance
- Advice – project scope
- Advice – proposal mentoring
- Project follow-up



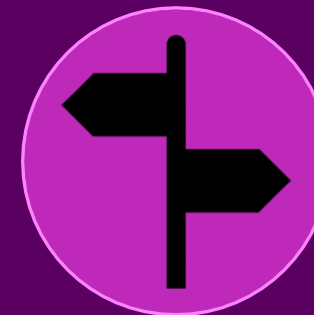
### Influencing

- Promoting Industry needs
- Informing policy makers
- Informing strategy
- Communicating trends and market drivers



### Supporting

- Intelligence on trends and markets
- Business Planning support
- Success stories / raising profile
- High level application review



### Navigating

- Navigating the innovation support landscape
- Promoting coherent strategy and approach
- Engaging wider stakeholders
- Curation of innovation resources





# Hydrogen Innovation Network - Landscape

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*Hydrogen will be key to decarbonising many hard to abate sectors*

## Sector End Use



Industry



Energy



Transport



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# Hydrogen Innovation Network - Purpose

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To create a non-competitive advisory group to pool knowledge from existing hydrogen communities to validate views on the current challenges to enabling local clean hydrogen **uptake** at scale and cost and to find innovative solutions to those challenges.

## Production



## Transport & Storage



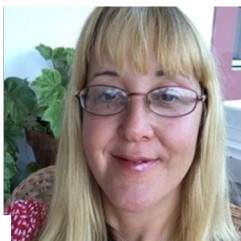
## End Use

# Hydrogen Innovation Network Team

The Hydrogen Innovation Network continues to be a truly cross sector collaborative activity.



**Steff**



**Jenni**



**Charlene**



**Olivia**



**Eleanor**



**Simon**



**Nikoleta**



**Ariane**



**Pete**



**Sheena**



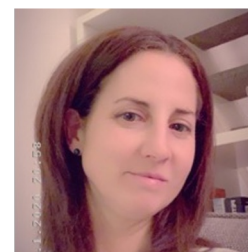
**Michael**



**Avijita**



**Lucy**



**Debra**



**Matthew**

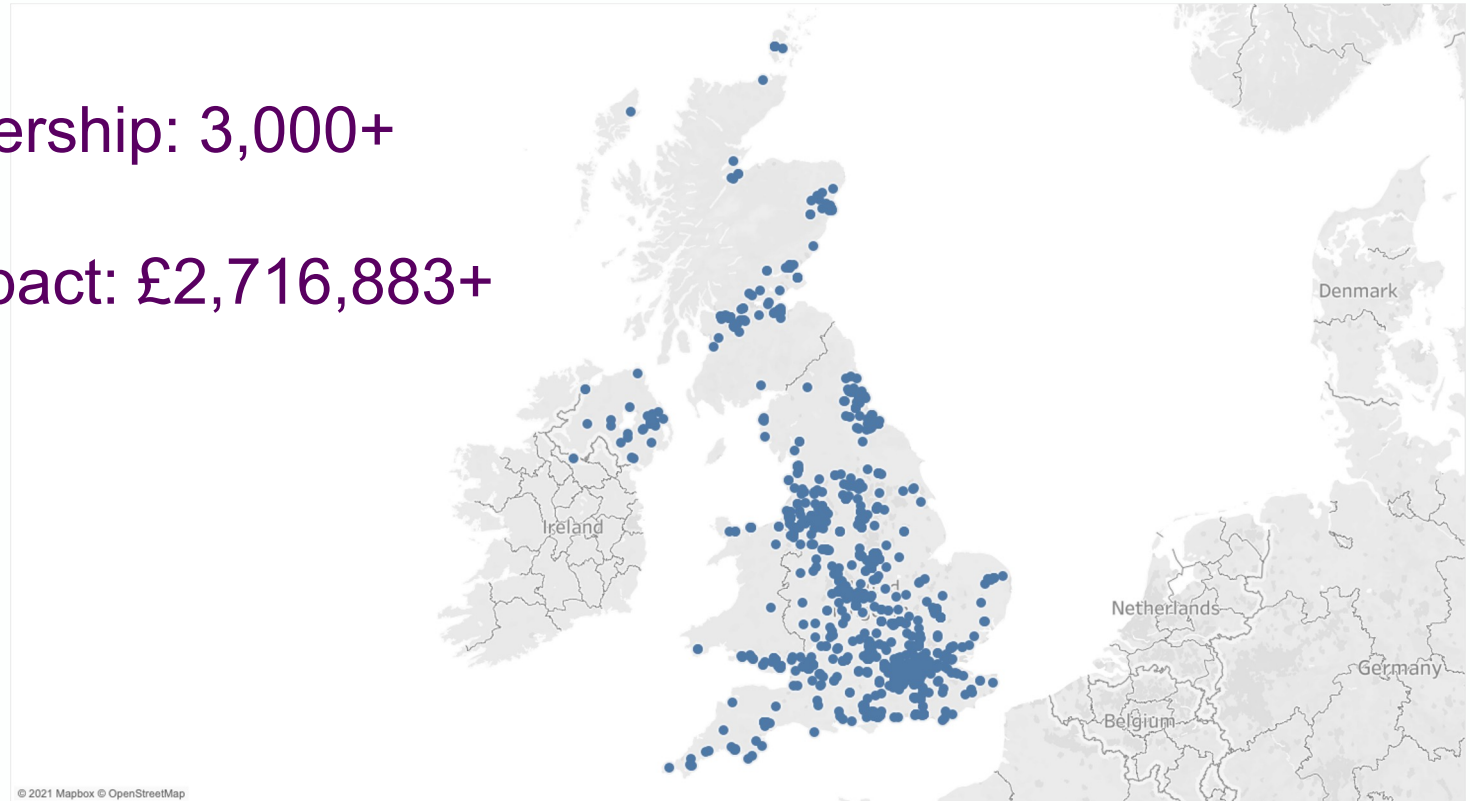


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## Membership

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- Current membership: 3,000+
- Investment Impact: £2,716,883+





## Public support for hydrogen doesn't always have hydrogen in the title!

- Industrial Cluster Decarbonisation ISCF
- Industrial Energy Transformation Fund
- Prospering from the Energy Revolution ISCF
- Future of Flight ISCF
- Aerospace Technology Institute Programme
- Driving the Electric Revolution ISCF
- Dept for Transport's Teesside Hydrogen Hub
- Automotive Transformation Fund/APC/ IDP Programmes
- Zero Emissions Road Freight Trial
- DfT Clean Maritime
- SMART
- Innovation Loans
- Strength in Places Fund
- Energy Catalyst
- Newton Fund
- Clean Air SPF
- Greenhouse Gas SPF
- Ofgem Strategic Innovation Fund
- Wider UKRI programmes
- Low Cost Nuclear
- Faraday Battery Challenge
- Active Building Centre
- Transforming Construction
- UK Energy Research Centre
- Hydrogen and Fuel Cell Supergen Hub
- Hydrogen Research Centres of Excellence and Integration ( in development)
- Decarbonising Heating and Cooling
- Power Networks Demonstration Centre (PNDC)
- Centre for Research into Energy Demand Solutions (CREDS)
- Translation Energy Research Centre
- UK Collaboratorium for Research on Infrastructure and Cities (UKCRIC)
- Place Based Climate Action Network (PCAN)
- UK CCS Research Centre
- Bioenergy Supergen hub
- Networks & Storage Supergen
- Decarbonising Transport Network
- Midlands Energy Research Accelerator
- KTN's Hydrogen Innovation Network
- High Value Manufacturing Catapult (e.g. National Composites Centre)
- Energy Systems Catapult
- Connected Places Catapult

## How to get involved

- Email us: [steffan.eldred@ktn-uk.org](mailto:steffan.eldred@ktn-uk.org)  
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- Visit our Website and sign up to receive our Newsletters: <https://ktn-uk.org/energy/hydrogen/>
- Follow us on LinkedIn
- Join our Innovation Networks
  - [Circular Economy](#)
  - [Cross Sector Battery Systems](#)
  - [Hydrogen Economy](#)
- Come and talk to us!

