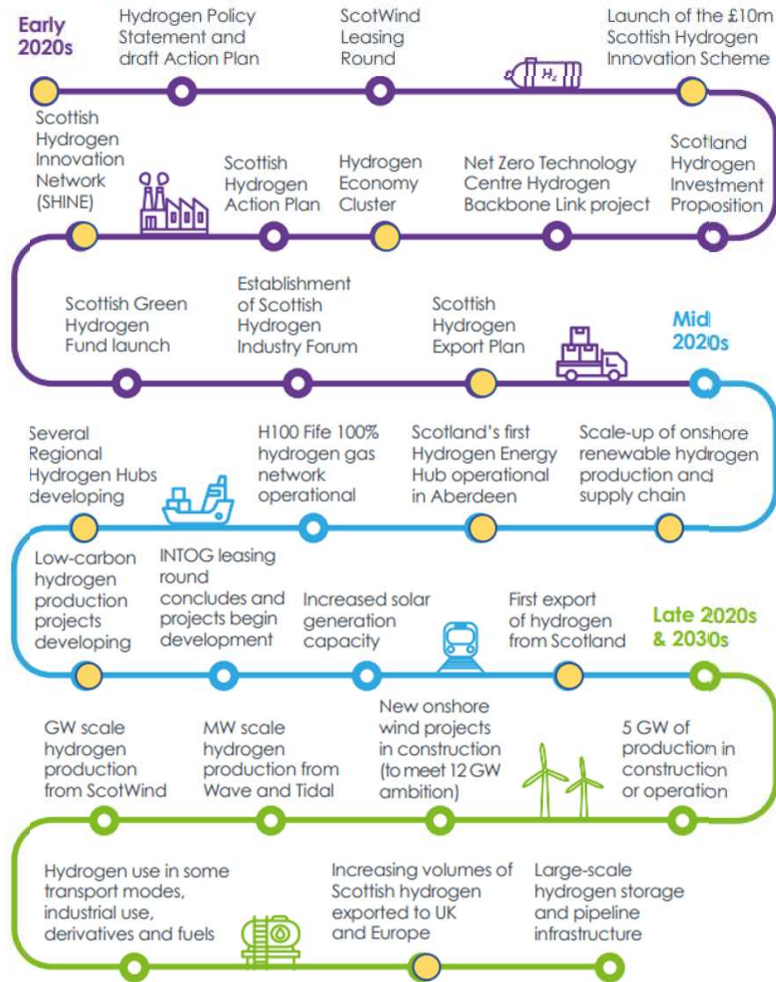




Growing Scotland's Hydrogen Market

Irina Bonavino

The Hydrogen Economy Journey



Scotland's hydrogen aims

5GW capacity by 2030
25GW by 2045

Hydrogen Action Plan (2022)
& Programme approach (2023)

£100 million from Emerging
Energy Technologies Fund (EETF)

Green & Blue Hydrogen
Domestic use and export

Enterprise Agency Areas



Highlands and Islands Enterprise
Iomairt na Gàidhealtachd 's nan Eilean



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Scale: 1:2,430,000

Scottish Government GIS Science & Analysis Team, September 2022. Job#2899



Scottish Government
Riaghaltas na h-Alba
gov.scot

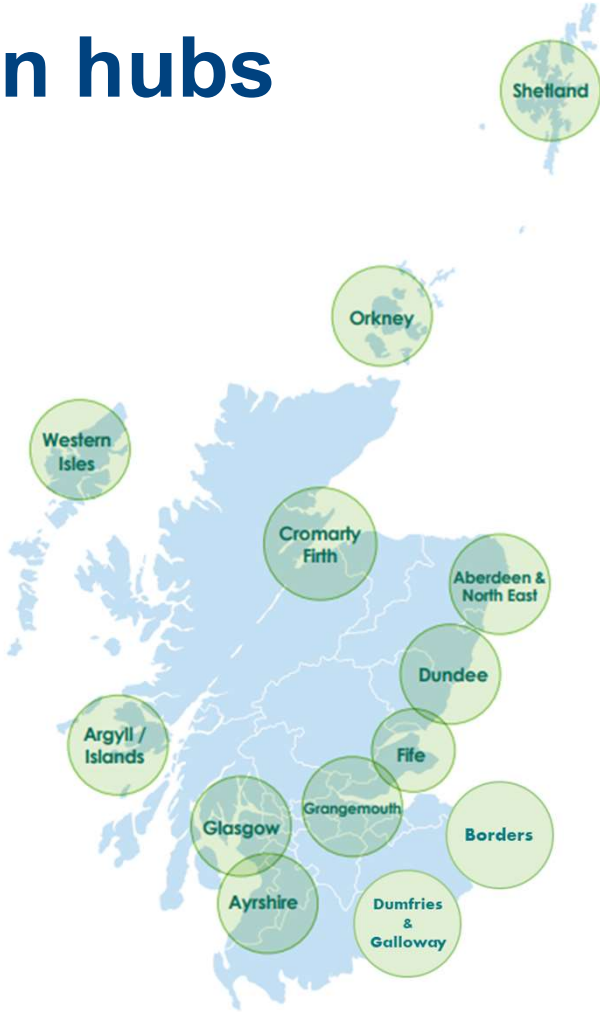


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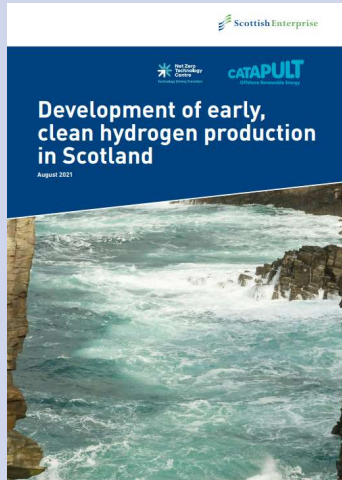


Scottish Enterprise

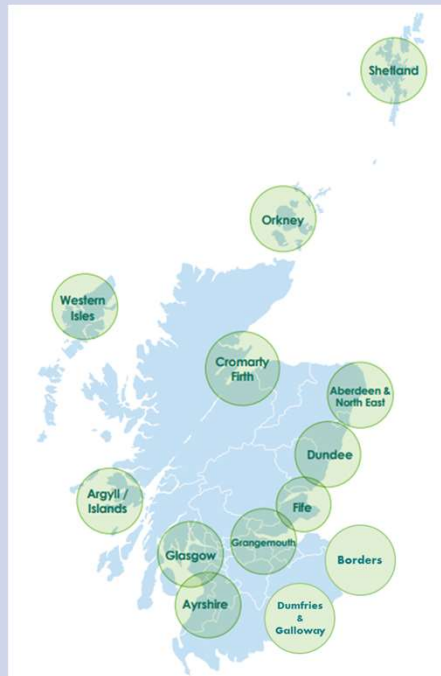
Regional hydrogen hubs



Knowledge



Networks



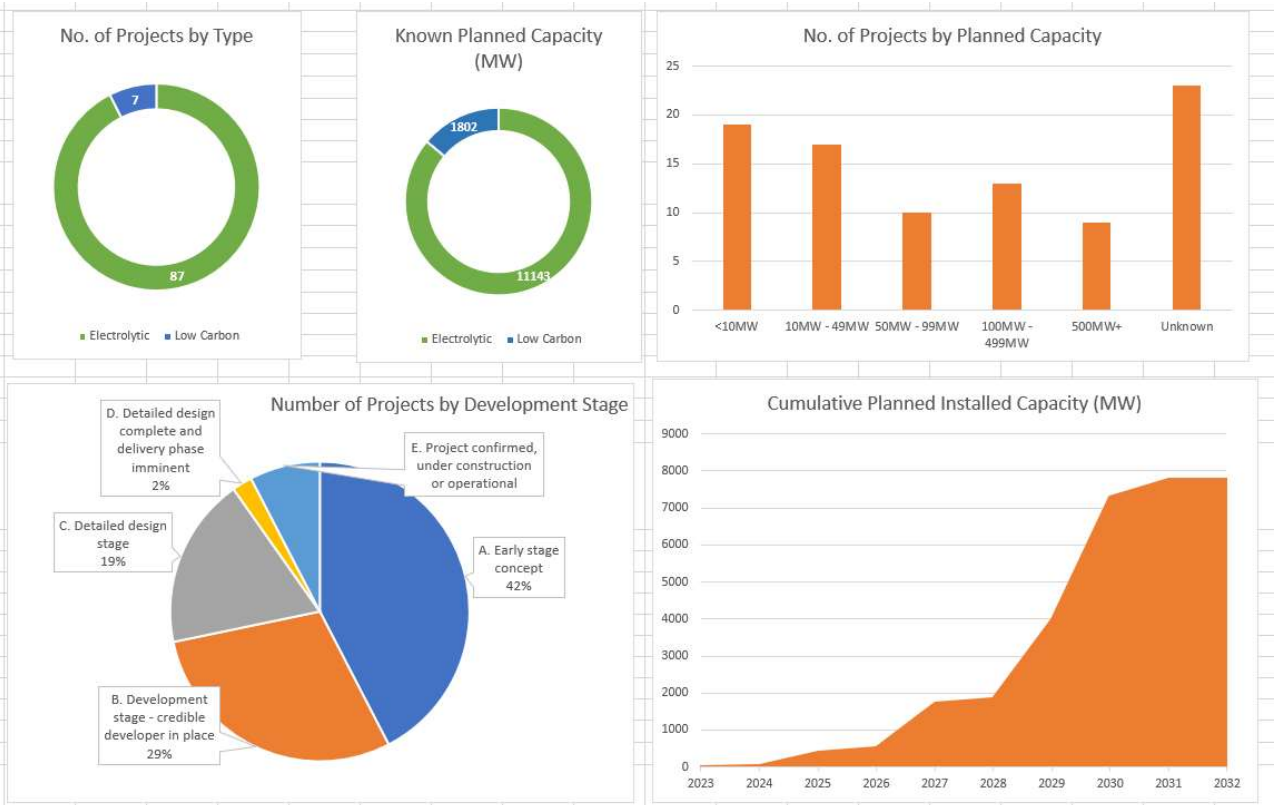
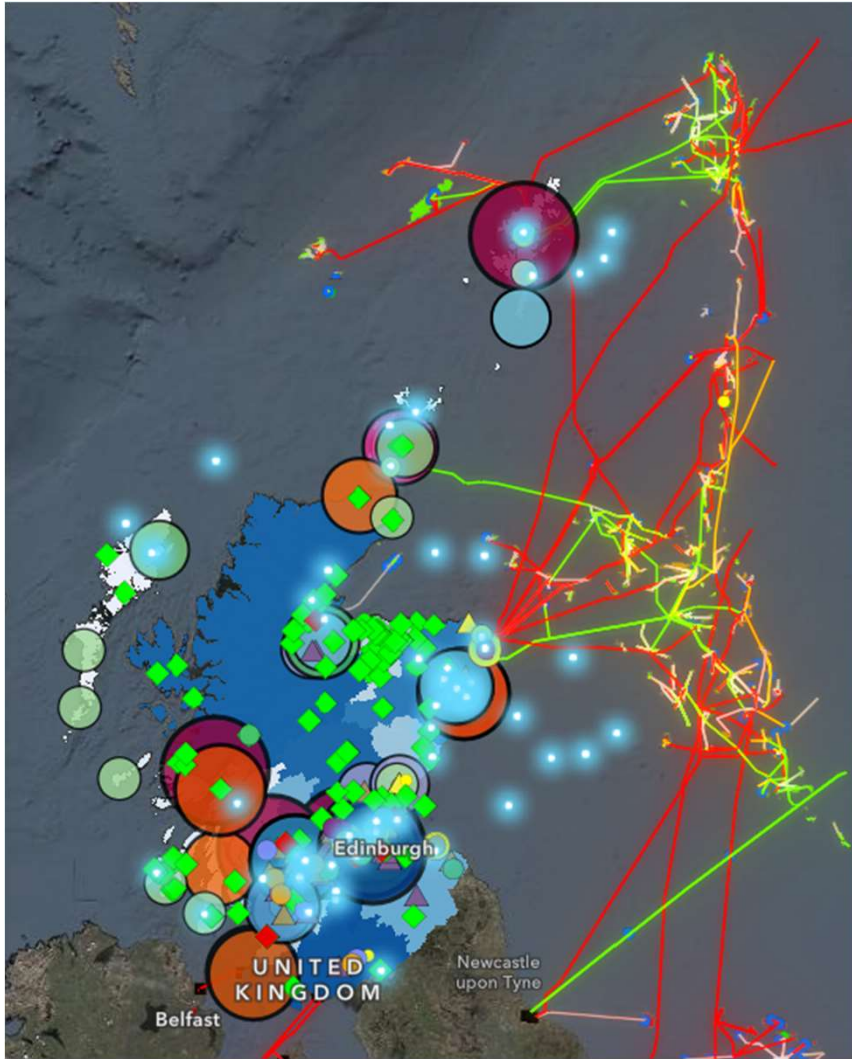
Funding



Knowledge

- Hydrogen assets monitoring
- Market insight reports
- Supply chain mapping

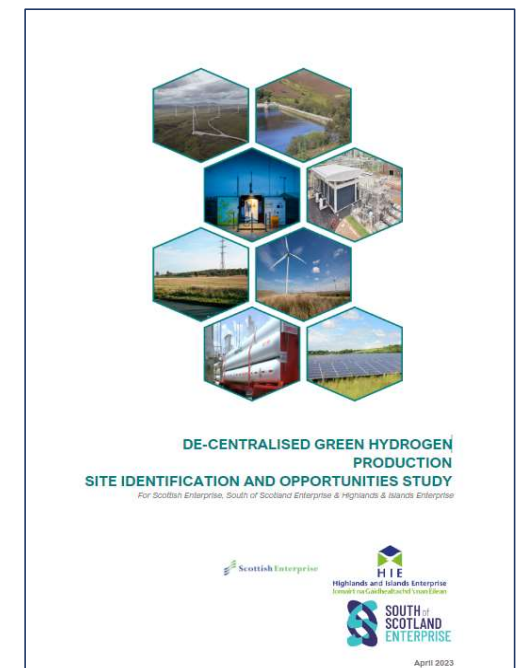
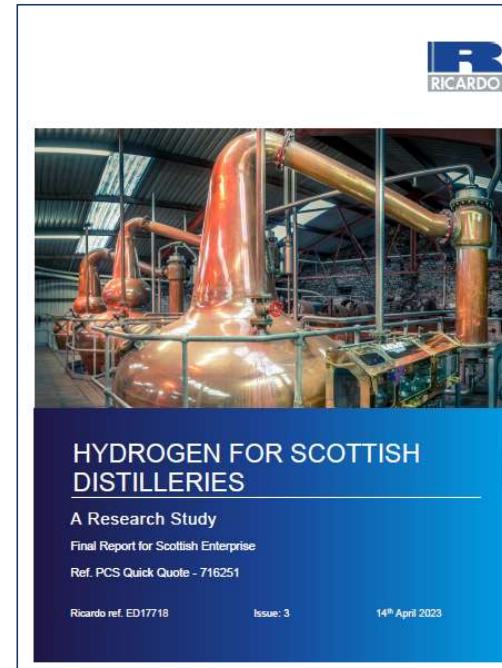
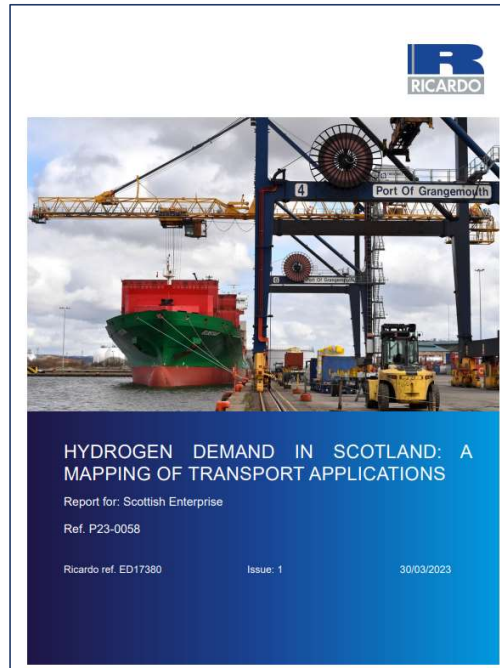
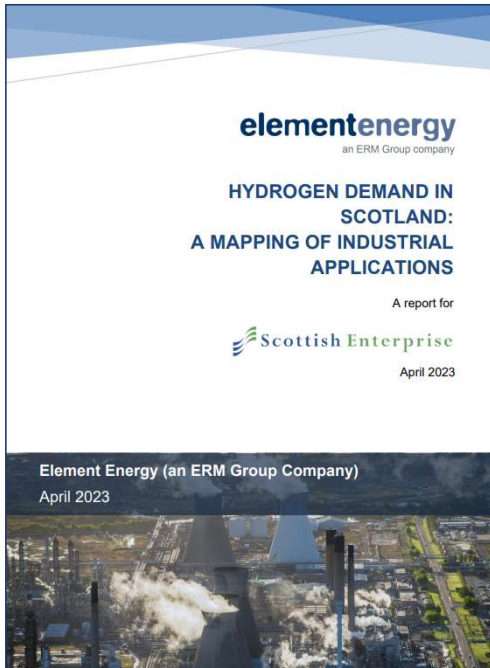




[Interactive Map of H2 Assets](#)

Our new reports

- Describe, quantify and map the potential hydrogen offtake in Scotland
- Locate suitable sites for decentralised production, with constrained energy generation



Networks

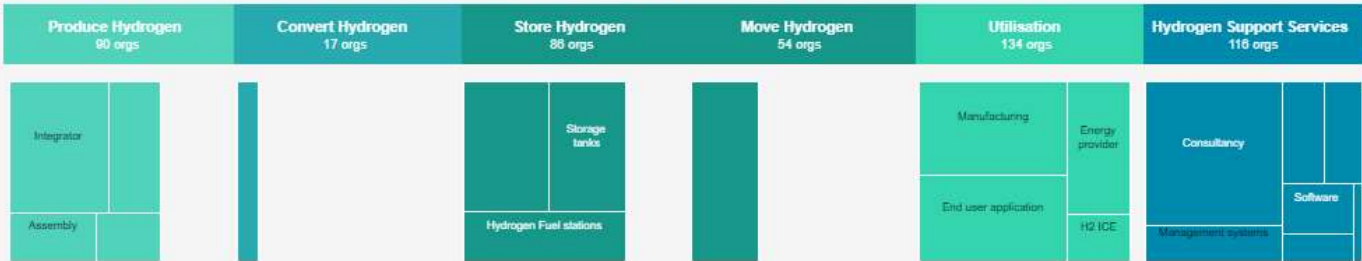
- Industry Forum – chaired by Energy Minister
- Membership association: SHFCA
- Scottish Hydrogen Cluster (in development)
- Scottish Hydrogen Innovation NEtwork (new)
- Europe: Vanguard Initiative, NSEA, Interreg, others
- Connectors for developers and supply chain companies



The Supply Chain Directory shares details of end users who are either currently using hydrogen or are proactively planning to. It also aims to showcase solutions-providers in this space who may be able to help these end users move closer to their hydrogen goals.

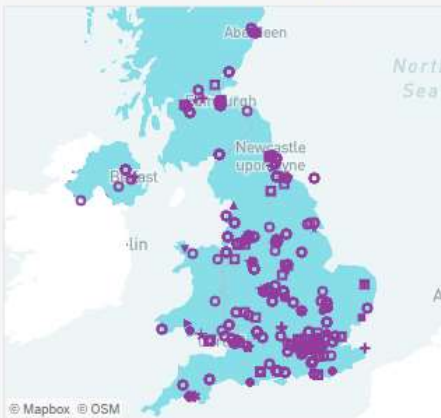
Search an Organisation Select Organisation Type (All) Select Nation/Region (All)

Supply Chain View Click to on a section of the supply chain to filter the dashboard. Hover over the chart for more information.



UK View

Based on postcodes provided by respondents. Hover over the map for more information about each organisation.



Org View

Click on the chart to filter on a certain region and/or organisation type.

	London	South East	Scotland	East of England	South West	West Midlands	North West	Wales	Yorkshire & The Midlands	East Midlands	North East	Northern Ireland	Total
Industry	17	20	17	11	9	7	11	7	8	8	6	5	126
Advisory and Consulting	9	7	6	3	3	2	3	2	2	2	1		40
University	2	1	3	2	1	4		1	2	1	3	1	21
RTO/Contract Research ...	3	1		3	1	3		1	1				13
Government	2	1	2		1					1	1		8
Not for profit			2	1		1		1					5
Manufacture / Engineering		1			1		1						3
Undisclosed	1			1				1					3
Investment	1				1								2
Freeport				1									1
Logistics, Warehousing an										1			1
Port Authority and Operat...											1		1
Potential Distributor								1					1
Private Higher Education ...	1												1
Technical R&D												1	1
Waste to H2 production			1										1

To get the corresponding list of organisations please click here

Mapping the supply chain

Hydrogen Supply Chain Directory - Innovate UK KTN

<https://iuk.ktn-uk.org/programme/hydrogen-supply-chain-directory/>

Funding

- Signposting to relevant hydrogen funding – for R&D, DEVEX, CAPEX, etc. From local to global.
- Expert support scheme for supply chain transition
- Direct project management



Expert support scheme

Opens 3rd April 2023

Closes March 2024

Level 1 - 2 days of consultancy (**100% funded**). Over 3-4 weeks.

- Business Diagnostic meeting and implementation plan
- 1 or 2 interactive company workshops
- final report with recommendations.

Follow-up survey. Referral for Level 2 TBD.

Level 2 - up to 4 days of consultancy (**50% funded**).



[Hydrogen expert support for your business](#)

Signposting to funds

The screenshot shows the 'Funding Information Gateway' search results page. The header includes the logo and navigation links: Home, Funding Database, Support, and Login or Signup. The breadcrumb trail is 'Home > Funding Database'. On the left, there is a 'Filter Your Search' sidebar with a 'Reset All Filters' button and four filter categories: 'Filter By Location' (E.g. East Dunbartonshire), 'Filter By Organisation Type' (E.g. SMEs, Large Enterprise), 'Filter By Sector' (E.g. Travel, Retail), and 'Filter By Activity Type' (e.g. Research & Development). The main content area is titled 'Results List' and includes a 'Share This Search' link. Below the title is a search bar containing 'hydrogen' and a 'Search' button. A notification banner prompts users to sign up for an account to save searches. Below the search bar are controls for 'Sort Results By' (set to 'Date Created') and 'Results Per Page' (set to '25'). The results section shows '3 Matching Results' and displays a table with the following data:

Name	Eligible Organisations
Hydrogen Innovation Programme	Research Organisation, SMEs
Opening Date	Eligible Locations
01/06/2022	All Scotland
Closing Date	
To Be Confirmed	
Last Updated	
09/06/2023	

[Funding Information Gateway](#)

Resources and Contacts

Scottish Enterprise

Hydrogen team:

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Irina.Bonavino@scotent.co.uk

Jamie.Robinson@scotent.co.uk

Other resources:

[Sustainability Support](#) – bespoke company Net Zero advice

[Funding Information Gateway](#) – funding portal (outwith Scotland)

[Scottish Manufacturing Advice Service](#) – improving processes

[Enquiry Fulfilment and Research Service](#) – free market research

SDI:

International trade, conference delegations, inward investment.



