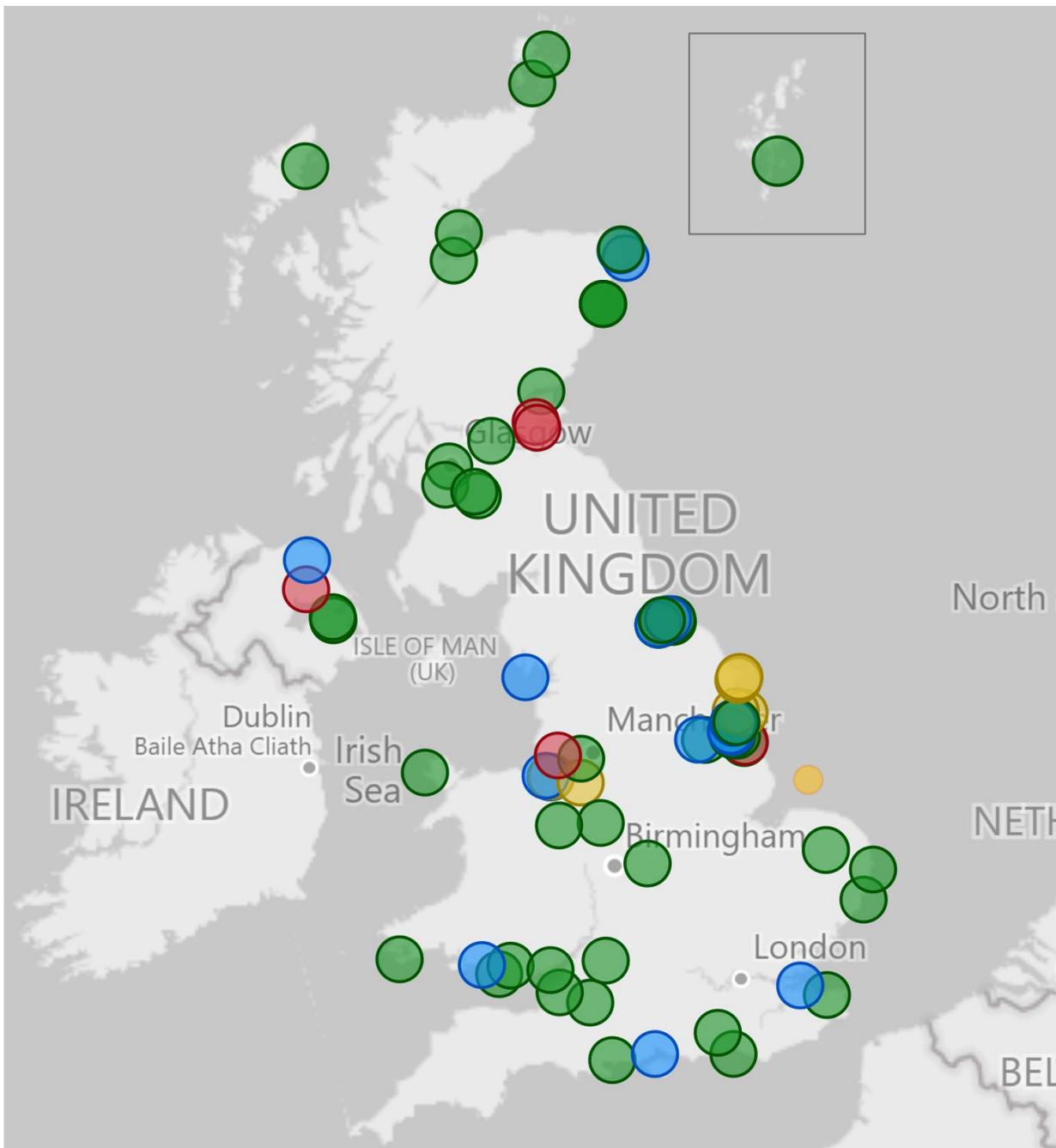


# Sample of potential hydrogen projects across the UK



- Electrolytic
- CCS enabled
- Hydrogen hub
- Transport and storage

*Note: Includes plans and proposals for 75 projects that are in the public domain (see tables below for individual projects by nation and region). Many more projects are under development in all parts of the UK. Project locations on this map are approximate*

## Map Appendix. Projects by UK Nations and Regions:

### East & West Midlands (4)

Project name	Project type	Offtake sectors
Tyseley Energy Park	Electrolytic	Transport
Shropshire Council	Electrolytic	Transport
Octopus Hydrogen/Mira Tech Park	Electrolytic	Transport
Octopus Hydrogen	Electrolytic	n/a

### East of England (3)

Project name	Project type	Offtakes
EDF Sizewell	Hydrogen from nuclear	n/a
Octopus hydrogen	Electrolytic	n/a
Lowestoft port (LEEF)	Electrolytic	Transport, maritime

### North East (8)

Project name	Project type	Offtakes
BP Hygreen	Electrolytic	Transport
BP H2 Teesside	CCUS	Industry
EDF Tees Green	Electrolytic	Industry, transport
Protium Teesside	Electrolytic	Industry
Tees Valley Transport	Hydrogen transport hub	n/a
Project Union (National Grid Gas)	Transport and storage	n/a
East Coast Hydrogen (NGN)	Transport and storage	n/a
H2NorthEast	CCUS	Industry

### North West (7)

Project name	Project type	Offtakes
Hynet	CCUS	Industry
Trafford Green/Carlton Power	Electrolytic	Industry, transport, heat
Morecombe Net Zero	CCUS	NTS
Hynet: phase 2 &3 pipeline (Cadent)	Transport and storage	n/a
Hynet: salt cavern storage (Inovyn)	Transport and storage	n/a
Protos Park plastic to Hydrogen	Energy from waste	n/a
North West hydrogen buses	Hydrogen transport hub	n/a

### South and South East (5)

Project name	Project type	Offtakes
Ryze Hydrogen	Electrolytic	Transport
Shoreham Port Green hydrogen (H2 Green)	Electrolytic	Transport, maritime, industry
Viridor	Electrolytic	n/a
Cavendish	CCUS	Power, heat, transport
Southampton Water	CCUS	Industry

## South West (4)

Project name	Project type	Offtakes
Octopus Hydrogen (Kemble airport)	Electrolytic	Aviation
Octopus Hydrogen	Electrolytic	n/a
Canford Renewable Energy	Electrolytic	Transport
Bristol Airport	Electrolytic	Transport

## Yorkshire & Humber (12)

Project name	Project type	Offtakes
Uniper Humber Hub	CCUS/Electrolytic	Power, industry, heat, transport
Keadby Hydrogen Power Station (SSE Thermal and Equinor)	CCUS	Power
Aldbrough Storage (SSE Thermal and Equinor)	Transport and Storage	n/a
H2H Saltend (Equinor)	CCUS	Industry, power
H2H Production 2	CCUS	Power, industry, heat
ECC Pipeline (National Grid Ventures)	Transport and storage	n/a
Octopus Hydrogen	Electrolytic	n/a
Yorkshire Energy Park	Hydrogen hub	n/a
Project Mayflower	Electrolytic	Transport, maritime
Project Oyster	Electrolytic	n/a
Gigastack	Electrolytic	Industry
Grimsby port	Hydrogen hub	n/a

## Northern Ireland (4)

Project name	Project type	Offtakes
Skuunaq	CCUS	n/a
GenComm/Belfast Met	Electrolytic	n/a
NI Water	Electrolytic	Transport
Wrightbus Ballymena	Hydrogen vehicle production hub	n/a

## Scotland (22)

Project name	Project type	Offtakes
Fife Hydrogen Hub	Hydrogen Hub	n/a
H100 Heating trial	Hydrogen heat	Heat
Acorn	CCUS	Industry
CNES	Electrolytic	Industry
EMEC	Electrolytic	Transport, maritime, storage
Dolphyn (ERM)	Electrolytic	n/a
Salamander (ERM)	Electrolytic	Transport, maritime, industry
Dundee Hydrogen Buses	Hydrogen transport hub	n/a
Hy2Go	Electrolytic	Transport
Cromarty Firth Green Hydrogen (Storegga)	Electrolytic	Industry
Flotta green hydrogen	Electrolytic	Export, blending
Whitelee (Scottish Power)	Electrolytic	Transport
Shetland Islands Council	Electrolytic	Transport, maritime, heat, industry

Project name	Project type	Offtakes
Octopus Hydrogen	Electrolytic	n/a
Kittybrewster	Electrolytic	Transport
Aberdeen Hydrogen Transport	Hydrogen transport hub	n/a
BayoTech	Electrolytic	n/a
Vattenfall HT1	Electrolytic	n/a
Aquaterra	Electrolytic	Industry
Cerulean Winds	Electrolytic	Industry, power
H2 Green Inverness	Electrolytic	Transport
Marubeni	Electrolytic	Heat, transport

## Wales (6)

Project name	Project type	Offtakes
RWE Pembroke	Electrolytic	Industry
Mentor Mon (Holyhead)	Electrolytic	Transport
Octopus Hydrogen	Electrolytic	n/a
Protium Magor	Electrolytic	Industry
Marubeni Bridgend	Electrolytic	Transport
South Wales Industrial Cluster	CCUS	Industry, power, heat