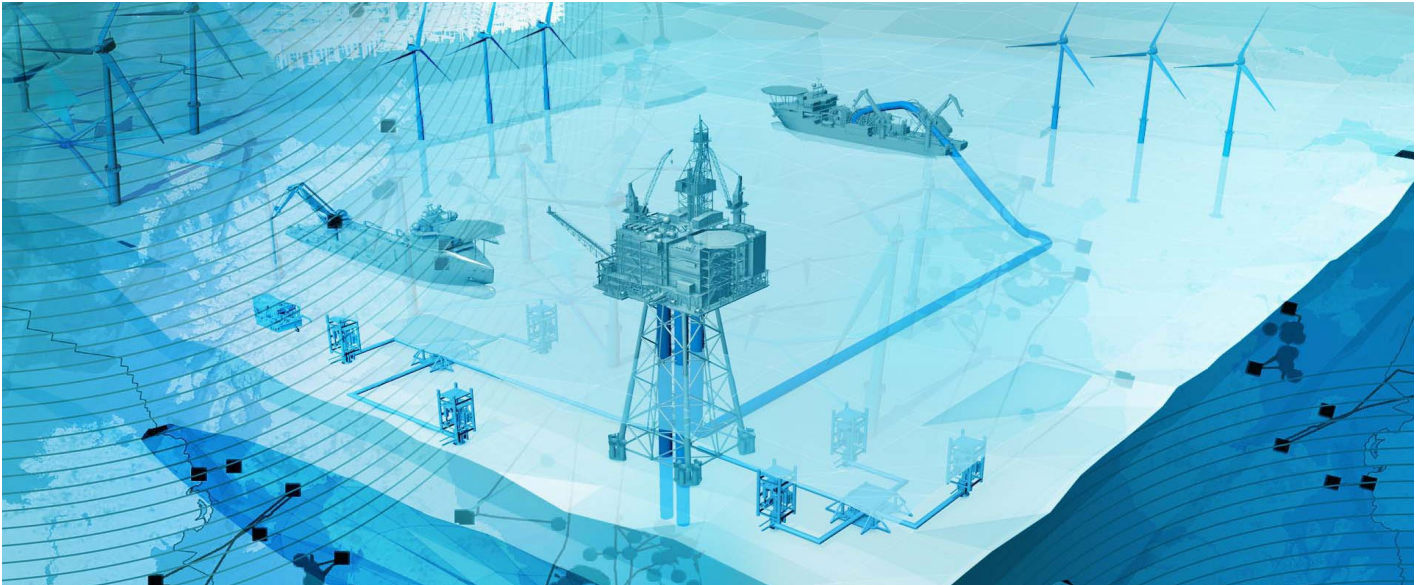




North Sea
Transition
Authority

Overview

2022





Pioneering Spirit

Allseas

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Introduction from the Chief Executive

One year ago the government published the landmark North Sea Transition Deal. It made clear the vital role the oil and gas industry plays in helping the UK meet its energy requirements as well as providing solutions, skills and technologies to achieve net zero.

This year has to be all about delivery. As we adopt our new identity as the North Sea Transition Authority, we remain focused on playing our part in delivering the Deal.

Oil and gas meet around three quarters of UK energy requirements and even as demand declines, the UK won't produce more than it needs – we will be a net importer out to 2050. Most of these imports have a larger carbon footprint than our own production.

Part of our role is to be value creator and regulator; ensuring we can maintain secure supplies of domestic energy, as cleanly as possible, while maximising employment opportunities and revenues for the country.

However, investor confidence has been shaken by the increasingly polarised debate. Billions of pounds of new investment are at risk at a time when security of supply is under the spotlight and gas prices have spiralled, exacerbating a cost-of-living crunch.

We want to be clear that the UKCS is open for business to investors with new developments consistent with the Deal; and we will fully support them in their efforts to decarbonise and transition.

On emissions, we are using our proactive stewardship approach, sophisticated benchmarking techniques and new guidance to make sure industry surpasses its commitments. The approach is working – our interventions took out more than 1 megatonne of CO₂e in 2021, the same as taking 500,000 cars off the road for a year.

We are pressing for pace to ensure the North Sea's enormous energy generation and storage potential is realised.

Our research shows the basin can provide around 60% of the UK's decarbonisation requirements. There's a new breed of collaboration going on up and down the country that we're nurturing, innovatively integrating hydrogen production with carbon storage or offshore wind.

CCS is rapidly coming of age in our region, blessed with world-class stores and infrastructure that can be repurposed. We awarded our first CCS licence in 2018 and have gone on to issue three more.

With our support, investors are looking to progress electrification and hydrogen projects. While this is encouraging, there is much still to do. Industry must deliver on the Deal with final investment decisions.

We're using spatial planning and digital solutions to see the bigger picture - the whole interconnected system. Competition for space is intensifying. We continue to break down siloes and work closely across government, industry and other regulators and agencies to ensure decisions are taken with a strategic view.

It is vital that we urgently address the climate emergency and the complexities of energy supply and demand. For that to happen, companies, civil society, governments and regulators must show understanding and respect for the differing viewpoints which exist both between and within these respective groups. Together, we can create a positive and sustainable future for the UK and the North Sea through deep listening, open dialogue and inclusive leadership.



Our role

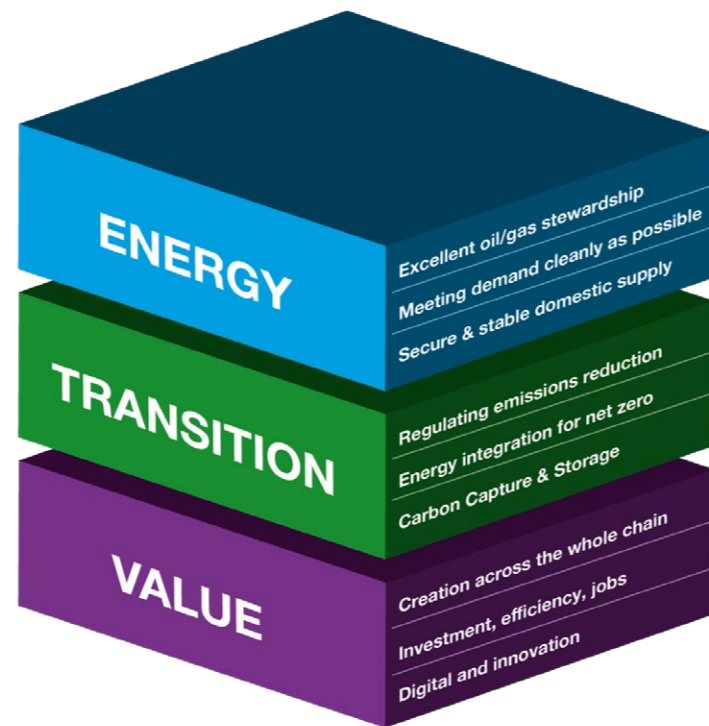
Our values:

Accountable | Fair | Robust | Considerate

We regulate and influence the oil, gas and carbon storage industries. We help **drive North Sea energy transition**, realising the significant potential of the UK Continental Shelf as a critical energy and carbon abatement resource. We hold industry to account on **halving upstream emissions by 2030**.

We work with government, industry and other regulators to **accelerate the move to net zero** while meeting the UK's **energy demand and security**. We perform an effective net zero test and will not approve developments unless they pass it.

We aim to be a **value creator** in everything we do, encouraging and enabling economic benefit and **job creation** across the UK. We drive greater efficiency through **inclusive leadership**, data, analysis, stewardship and the use of our powers.



Whole systems approach

Carbon Economics

included in value

Corporate Governance

standards and ESG

Licensing and Climate

compatibility checkpoint

Carbon Storage

stewarding projects through lifecycle

Decom

efficiency and preservation for re-use and re-purposing

Energy Integration

the future of the basin, under way

New Field Approvals

net zero considerations in new developments

Stewardship

laser focus on emissions reduction and performance improvement

Robust Approach

to flaring and venting

Data Revolution

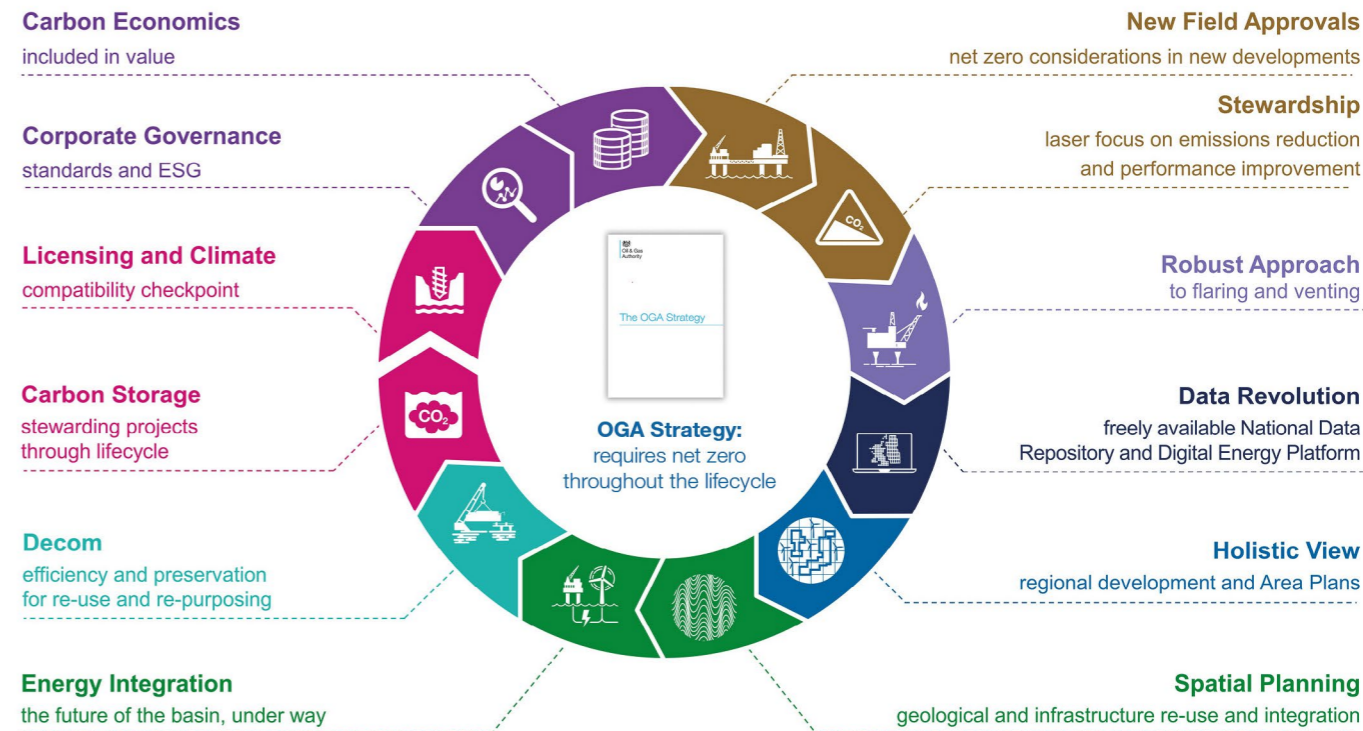
freely available National Data Repository and Digital Energy Platform

Holistic View

regional development and Area Plans

Spatial Planning

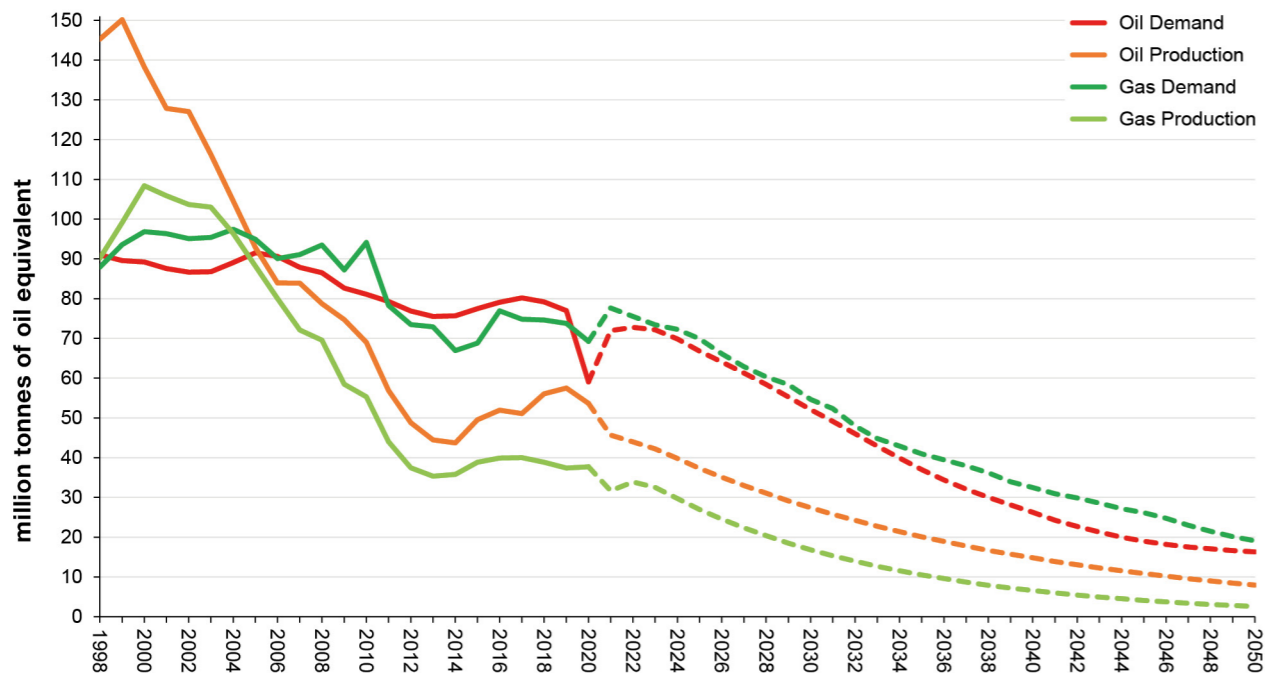
geological and infrastructure re-use and integration



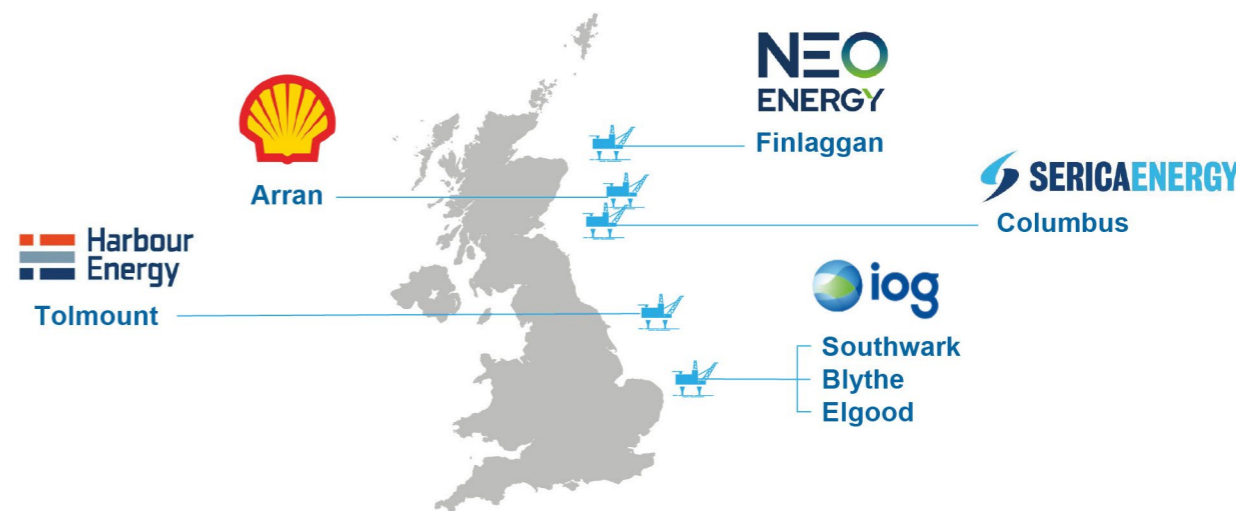
Helping meet demand

Oil and gas meet 75% of UK energy requirements and all forecasts point to them being needed for heat, power and transportation in future. The UK is expected to be a net importer of both out to 2050.

CCC Balanced Net Zero Pathway demand and our production projections



UK domestic gas projects



7 new gas/condensate fields
either onstream 2021 or expected
onstream early 2022



Security of supply
under the spotlight

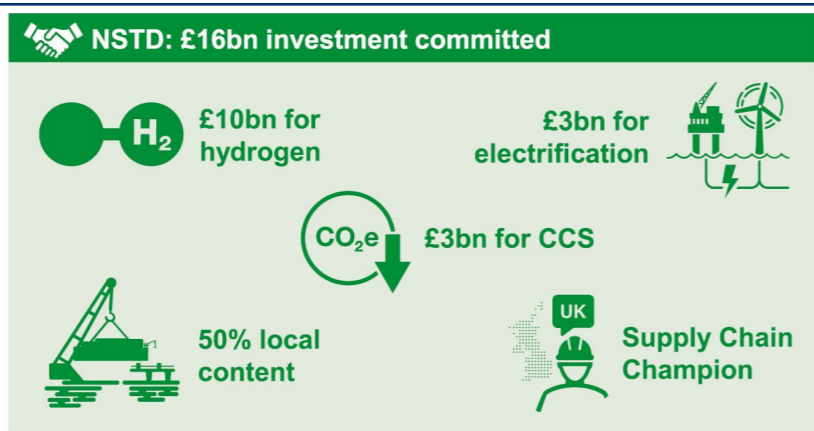


We are tracking progress
of over **40 field developments**
at various stages

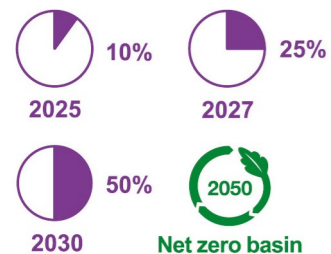
North Sea Transition Deal

Agreed in March 2021, the North Sea Transition Deal provides investment to help us move from fossil-fuel dependency to a low-carbon economy in a managed, orderly way.

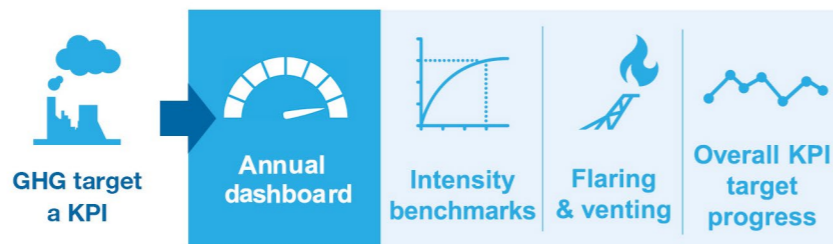
- Government and industry **commitment to transition**
- **First of a kind** for G7 country
- Future licensing **climate checkpoint**
- **Quid pro quo**



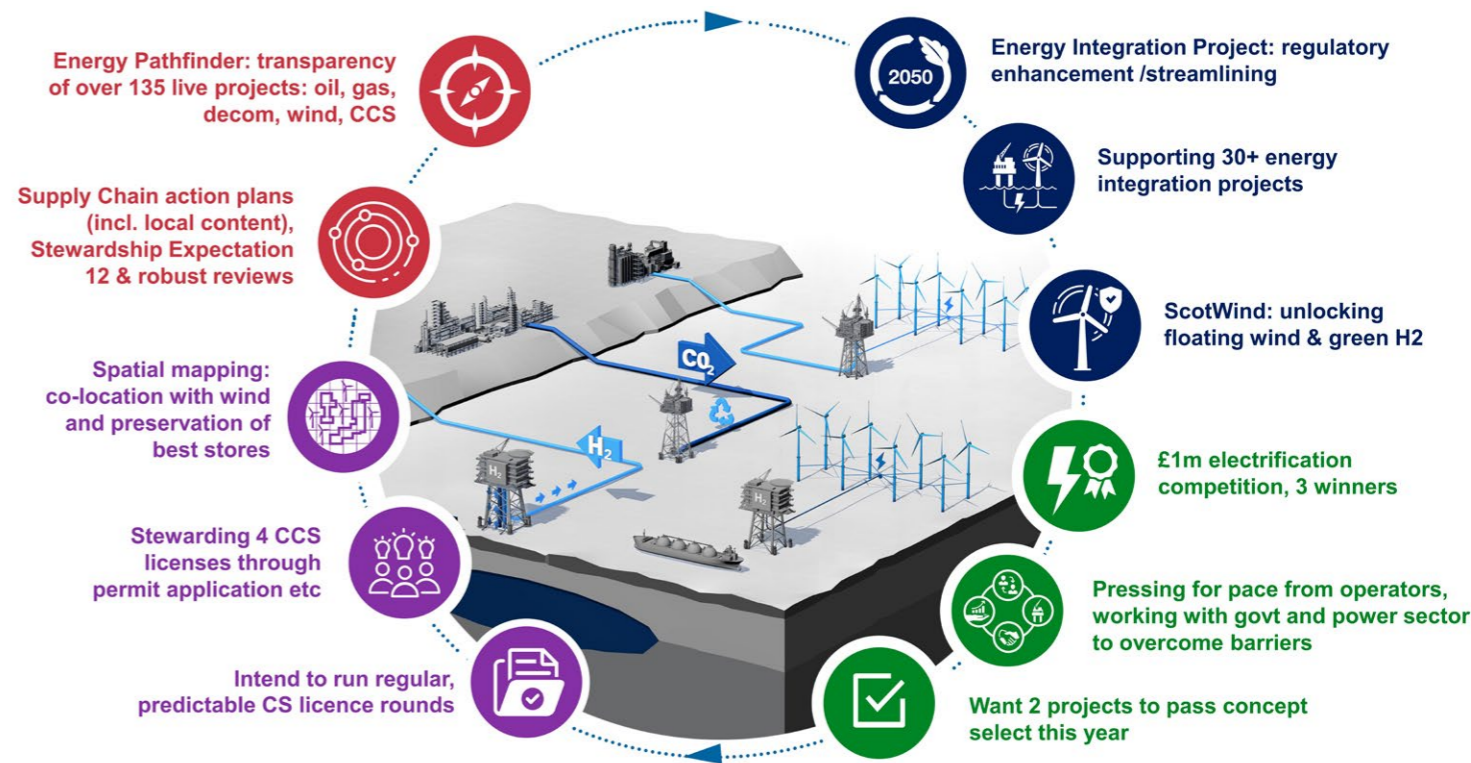
Industry commitment to reducing upstream GHG emissions



We track and monitor progress



Delivering the Deal: enabling the transition





UK upstream oil and gas GHG emissions

Industry has made encouraging early progress in its drive to meet and surpass emissions reduction targets agreed in the North Sea Transition Deal.

Carbon intensity

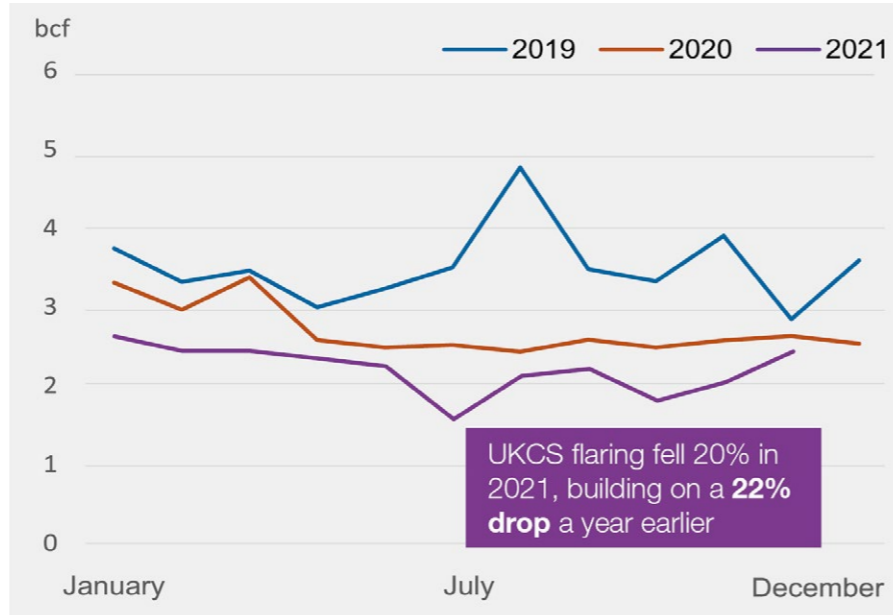
Since 2015, carbon intensity has fallen by:

9% offshore

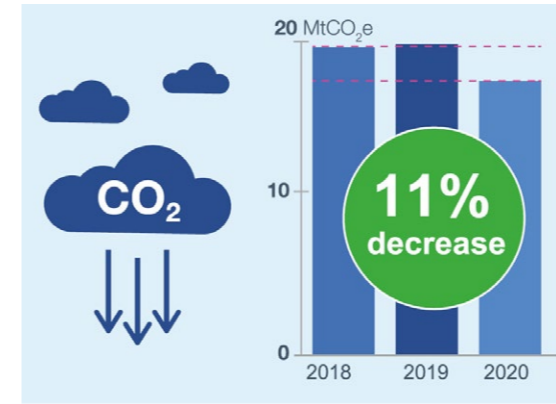
11% in total*

*includes offshore terminals

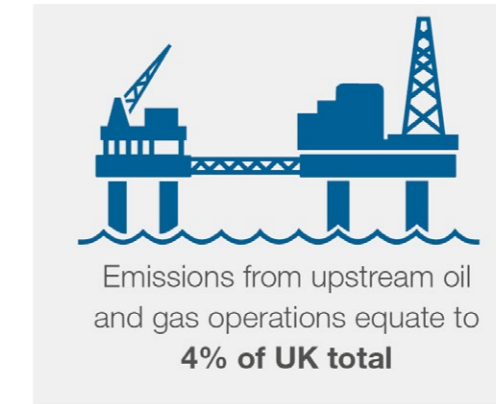
Declining gas flaring



GHG emissions reduction



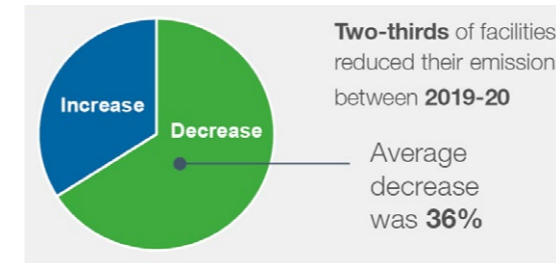
Upstream GHG footprint



Methane



Offshore facilities emissions change

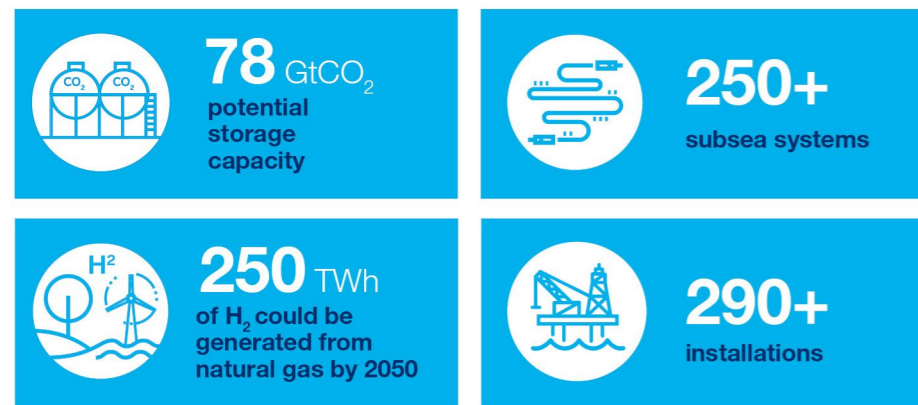


UK international comparison

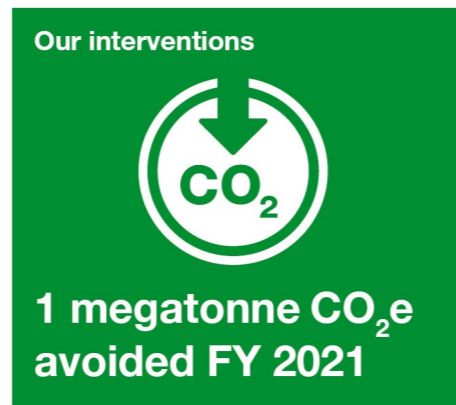


UKCS snapshot

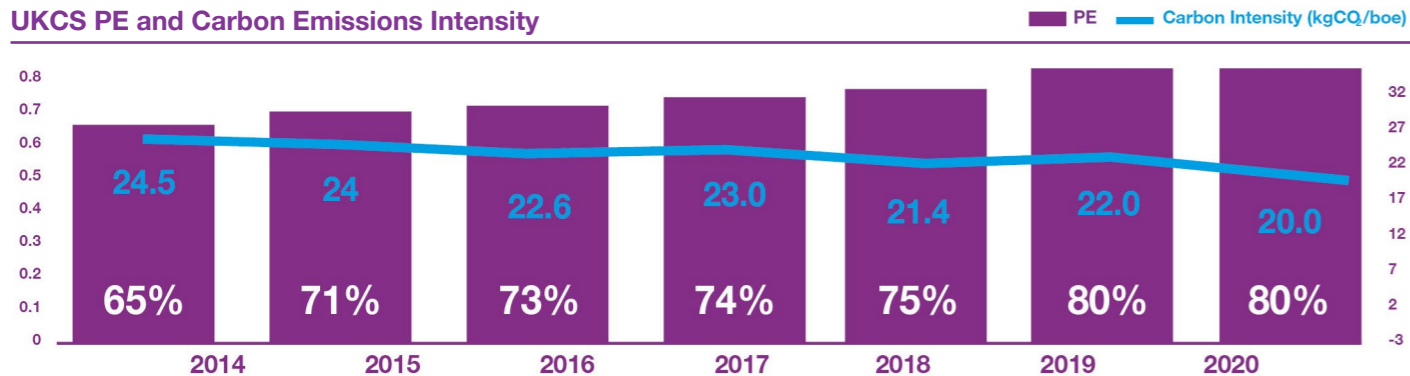
Infrastructure



Industry progress

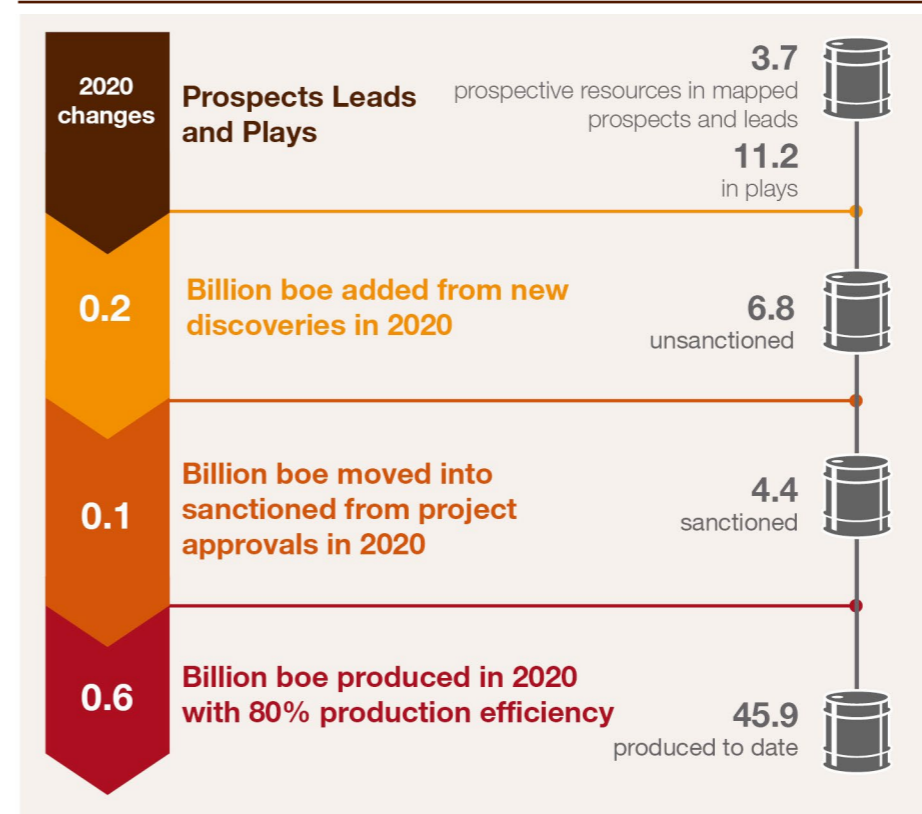


UKCS PE and Carbon Emissions Intensity



Since 2014, the 23% improvement made in PE to 2019 has corresponded in a 9% reduction in carbon emissions intensity. 2020 carbon intensity figure is provisional

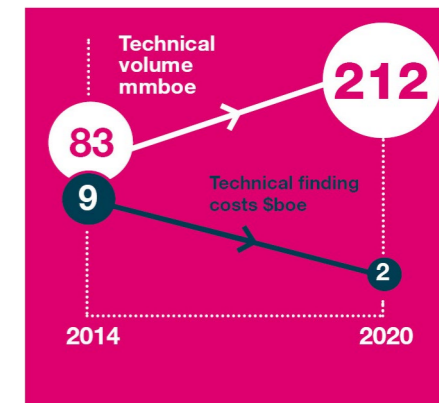
Resource base – significant remaining resource potential

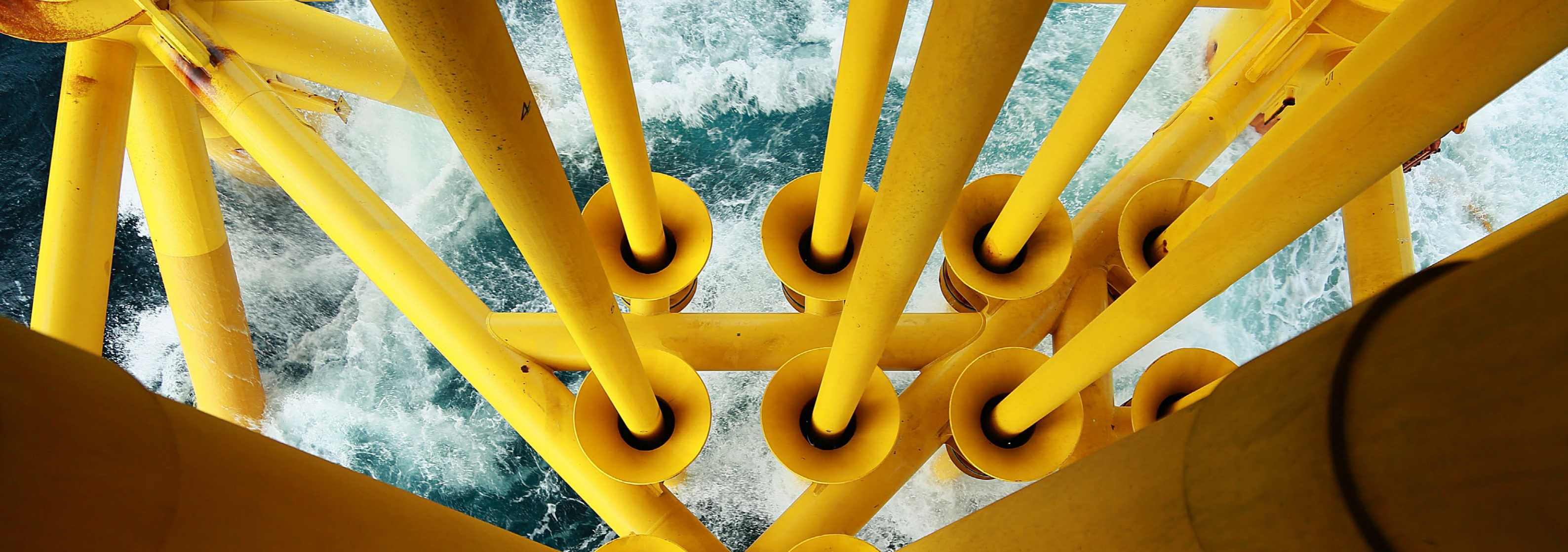


Decommissioning



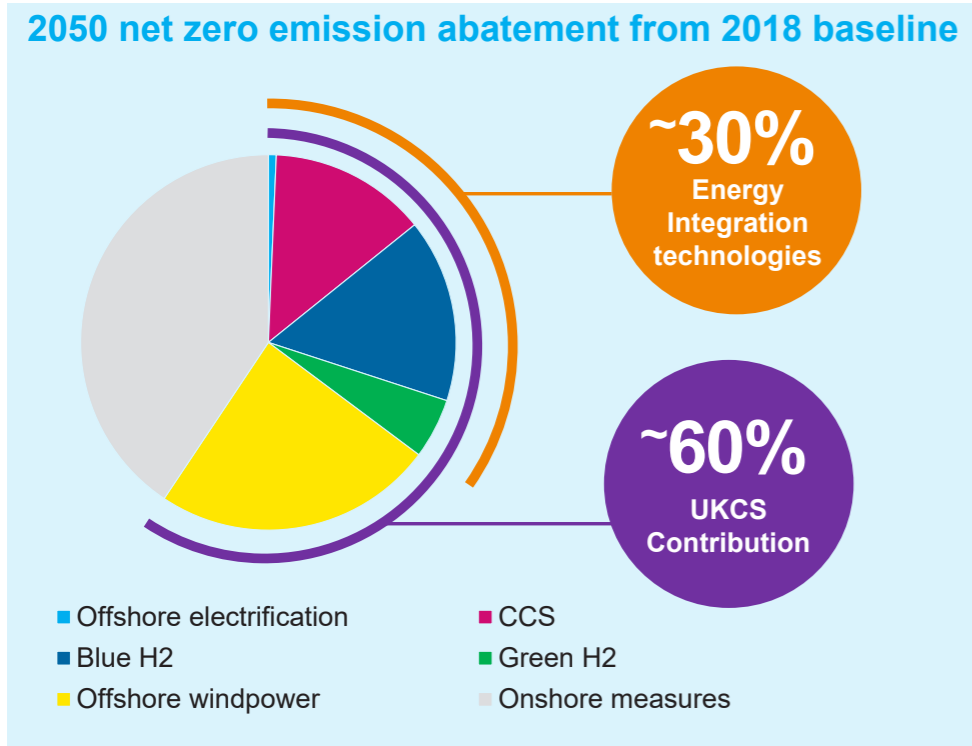
Exploration Success Rates



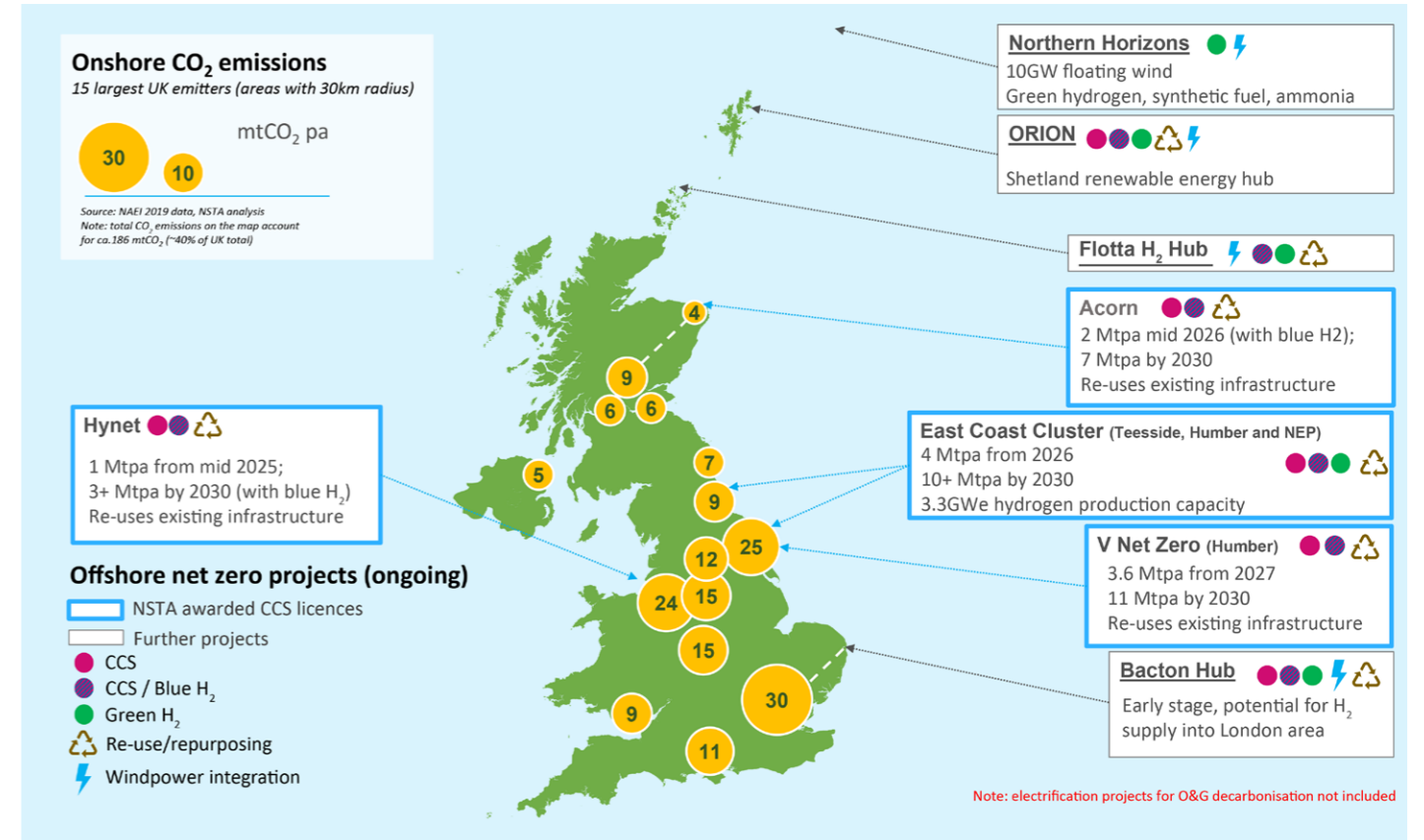


Offshore contribution to UK net zero

Our Energy Integration Report found that the UKCS could support around 60% of the UK's decarbonisation requirements, through a mix of platform electrification, CCS, offshore wind and hydrogen.

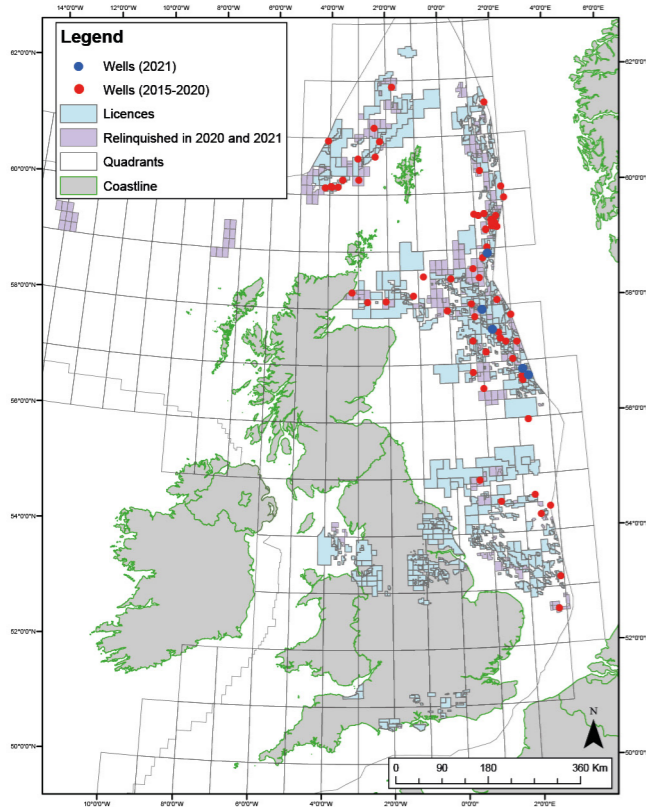


Growing number of energy integration projects



Exploration

Government forecasts suggest oil and gas will remain part of the UK's energy mix for the foreseeable future, as we transition to net zero. Industry must continue to find, develop and produce UK resources.



Basin remains an attractive investment proposition in a competitive fiscal regime

Significant volumes discovered in last three years despite low activity levels

Central North Sea HPHT targets continue to deliver large gas-prone volumes with success outcomes well above the pre-drill mean expectations

Public data release continues to grow via our Data Centre and relaunch of the UK National Data Repository

Climate Compatibility Checkpoint being designed to ensure future licences awarded are aligned with net zero

Relinquishment reports and E&A results updated regularly and easily accessible

Exploration success rates

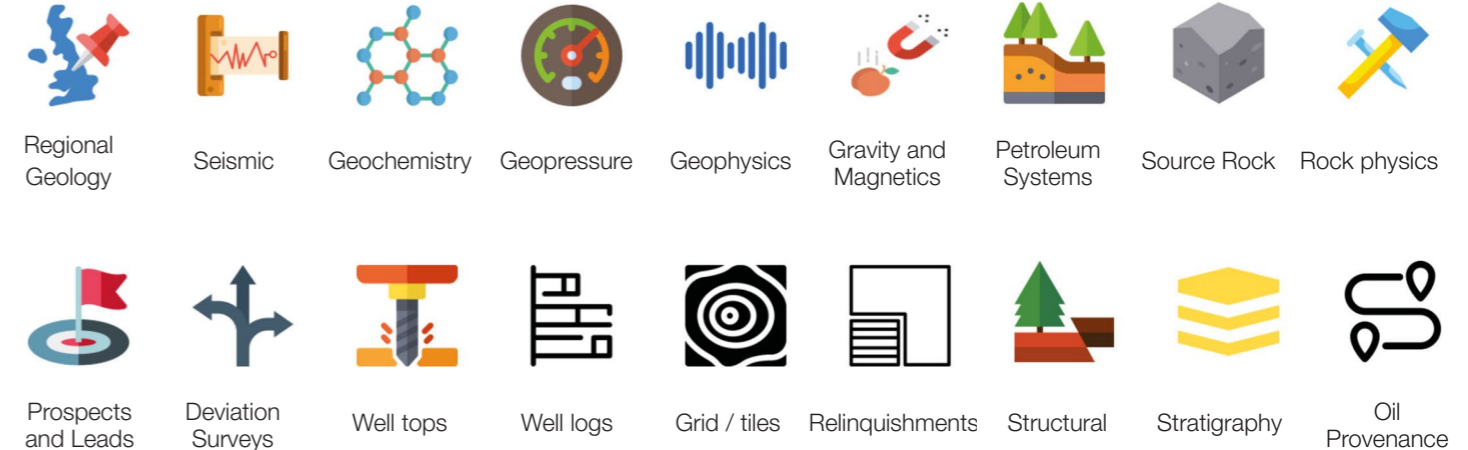
	No. exploration wells	Technical success rate (%)	Technical finding costs (\$/boe)	Technical volumes (mmboe)
2014	24	29	8.8	83
2015	28	39	5.2	115
2016	15	47	4.7	65
2017	20	45	5.0	131
2018	7	43	3.04	124
2019	17	35	3.7	243
2020	7	71	2	212

Note: exploration well count and volumes are calculated by year of well completion.

Exploration – supporting the energy transition

Much of the data acquired to support petroleum activity can now be repurposed to aid the characterisation and de-risking of carbon stores and we will continue to work with industry to ensure that relevant data types are readily available via the National Data Repository.

Exploration Data by theme





Asset stewardship – driving improvement

Integrated approach using tiered stewardship reviews, informed by robust industry information and data.

Stewardship Expectations

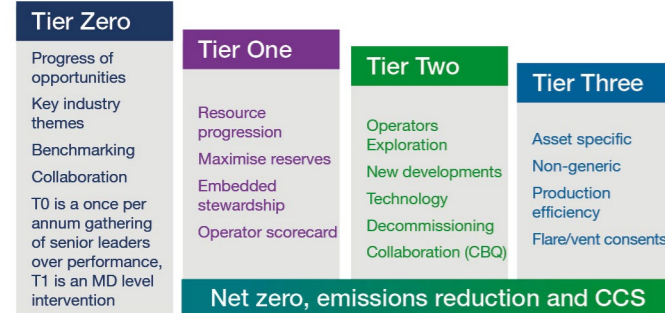
Embedded through regular interface with industry

Scan to see our SE webpage:



Tiered stewardship reviews

Strategic engagement through tiered approach



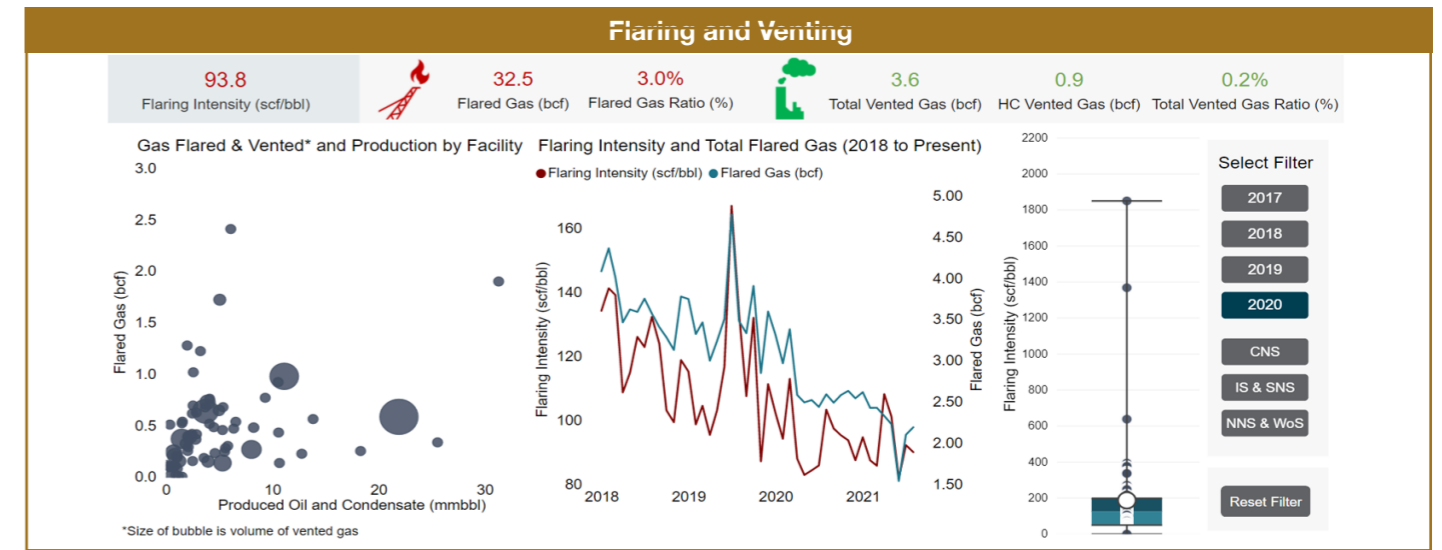
Rationalised industry surveys

Robust data covering the whole life cycle



Performance analysis and benchmarking

We produce a number of regular industry performance and benchmarking reports for both internal and external stakeholders, and have created new interactive benchmarking dashboards, including for flaring and venting.



Loraine Pace
Head of Performance, Planning and Reporting

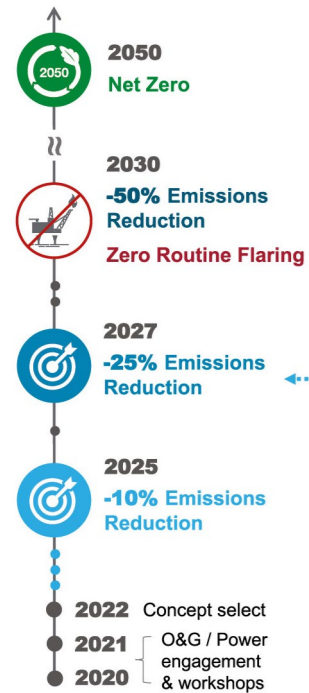
"Benchmarking plays a significant role in driving efficiency and performance improvements across the lifecycle of UK upstream operations. Showing operators where they rank against their peers helps identify areas where they can step up. We continually look at ways to expand the range of benchmarks we use and have included carbon emissions intensity, flaring and venting in recent publications."

* Image shows screenshot of Power BI interactive dashboard which tracks flaring and venting

Electrification is crucial

Powering installations using electricity either via cable from shore or a nearby offshore wind farm could cut carbon dioxide emissions from operations by 2-3 million tonnes per annum.

Expected Timeline



Hitting emissions reduction targets

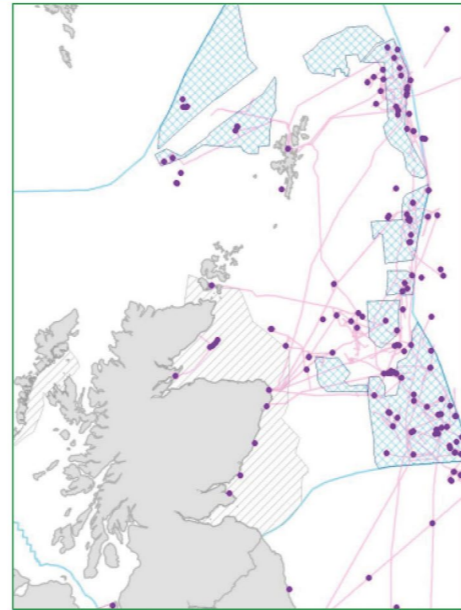
- Critical to 25% emissions reduction target by 2027

More collaboration required, at pace

- Alignment between partners, governments and other sectors
- Regional schemes in CNS & WOS
- Ongoing work to refine and resolve barriers
- Scottish Government consultation on Innovation and Targeted Oil and Gas (INTOG) decarbonisation. Part of planning process to identify areas for wind developments focused on platform electrification (see map on right)

Infrastructure legacy

- Investment in offshore transmission
- Grid capacity expansion
- Supporting offshore wind growth (+30GW by 2030 and 1GW floating wind)



Source: marine.gov.scot

We are currently working with businesses to get platform electrification projects up and running in the West of Shetland and Central North Sea regions. We've facilitated, brought operators together, hosted workshops with the power sector, and pressed for more pace.

Platform electrification:

£1m funding competition

Funding technical and commercial studies which can advance offshore electrification. **Projects bring together oil and gas operators, wind power developers and leading suppliers.** Work to be completed by 31 March 2022, with project reports to be published in Q2 2022.

UK Government funds split between three winners:



Addressing technical and commercial requirements of wind farm connections with offshore installations



Innovative concepts for the electrification of offshore installations in the Central Graben



An optimised interface for distributed offshore renewable sources supplying existing offshore installations with secure and low-emissions power

Offshore electrification may unlock **faster growth of renewables**, expansion of offshore transmission infrastructure, and establishment of floating **wind power technologies** in the UK, contributing to offshore renewables' **75GW capacity ambition** by 2050.



Bacton Energy Hub

The Bacton Catchment Area can play a significant role in the UK's energy future through a combination of blue and green hydrogen, offshore wind power, nuclear and carbon storage.

The natural gas fields of the Southern North Sea and the Bacton gas terminal have been part of the UK's energy backbone for more than 50 years. Since 2004, offshore wind power has also contributed to the energy mix in the area.

According to a study that we commissioned, Bacton can continue to play a major role by providing low-carbon energy for London and the South East for decades to come, helping in the drive to net zero greenhouse gas emissions. It showed that the potential for hydrogen demand in the Bacton Catchment Area is significant.

Decarbonising energy in the area using blue hydrogen with CCS could deliver 15% of the Government's Net Zero Strategy target to remove 10MT of carbon dioxide by 2030 and reduce the region's emissions by up to 70% by 2050.

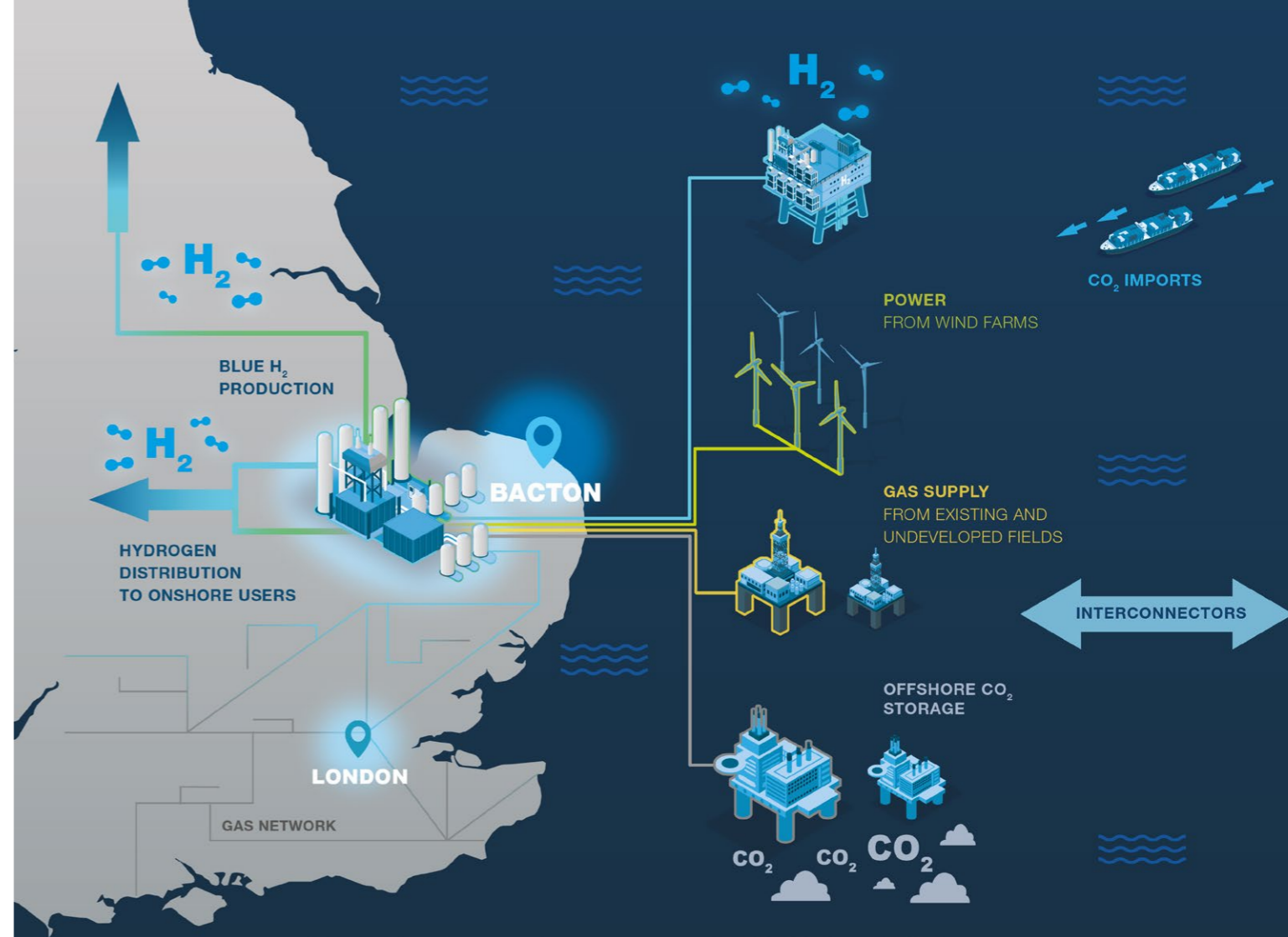
Progressive Energy, Sumitomo Corp, Xodus, Petrofac and Hydrogen East have agreed to lead Special Interest Groups to take the Bacton vision forward. We are working towards these milestones:

2023: CCS licence applications made to provide CO₂ storage

2025: Final investment decision on energy hub concept

2030: First hydrogen generated from Bacton project

- Up to **2 TCF** Incremental Hydrocarbon production.
Significant NPV from carbon abatement
- 1.2 Mt CO₂ abatement by 2030 – **600,000 cars' worth**
18 Mt CO₂ abatement by 2050 – **8.7 million cars' worth**
- Potential for a very significant hydrogen demand: from 7TWh (2030) rising up to 90TWh (2050)**
- Potential offshore hydrogen storage in depleted reservoirs**
- Potential onshore storage in salt caverns**



Technology

We work with industry to make sure existing technologies are deployed to their full effect and relevant new technologies are developed and used to support economic recovery from the UKCS and the drive to net zero by 2050.



One of seven task forces reporting to North Sea Transition Forum

Co-chaired by the NSTA and industry

Focal point on technology on the UKCS, providing strategic direction

Defines priorities for developing and adopting technologies to deliver MER UK and net zero



Scan to visit TLB website:



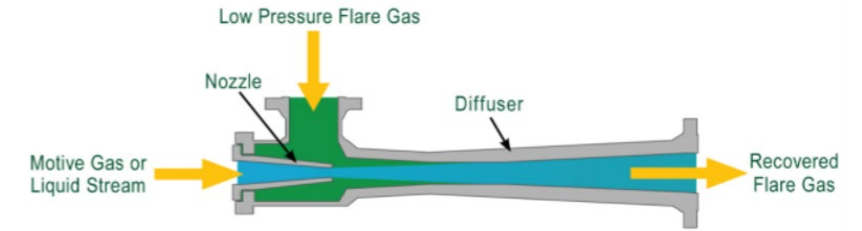
Workstreams	Industry Sponsor Programme	Technology Managers Network
<p>Accelerate Deployment: Targets wider industry usage of technologies ready for deployment</p> <p>Digital: Addresses maturity gaps in the deployment of digital technologies by our industry to support companies' decision-making, reducing risks and improving efficiencies</p> <p>Net Zero: Focus on critical technologies, including CCS and hydrogen, to achieve North Sea transition</p>	<p>Two initiatives in progress, with others planned.</p> <p>Non-intrusive inspection (NII) applications:</p> <ul style="list-style-type: none"> Growing industry understanding of NII technologies Communicate current deployments and successes Accelerate trials and demonstrate benefits Work on corrosion under insulation ongoing <p>Alternative well P&A barriers:</p> <ul style="list-style-type: none"> New barrier materials enabling rigless P&A Trials under way in Canada and UK New barrier technologies in use for well intervention Qualification of permanent barriers under way 	<ul style="list-style-type: none"> c.100 members Met every two months since 2018 inception, including four webinars in 2021 Information sharing among operators and suppliers on technology gaps and the deployment of new and existing technologies Encourage technology uptake and collaboration on R&D and field trials

Focus on technologies to reduce emissions

Flaring and venting reduction

- Emission detection, metering and monitoring
- Flare gas recovery systems
- Optimised flare combustion efficiency
- Reducing impact of inspections and shut-downs

Flare gas recovery



Energy efficiency

- Greenfield installations (external power supply)
- Brownfield modifications (optimise electrification scope and costs)
- Floating wind power technologies
- Cost-efficient offshore power transmission

Offshore power supply



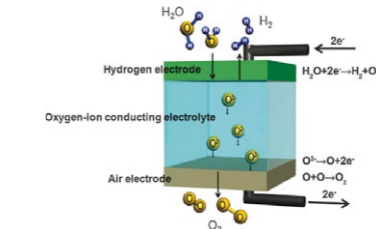
Floating wind power structures



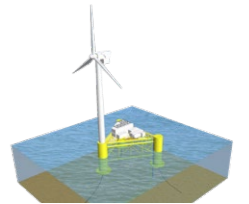
Low-carbon power

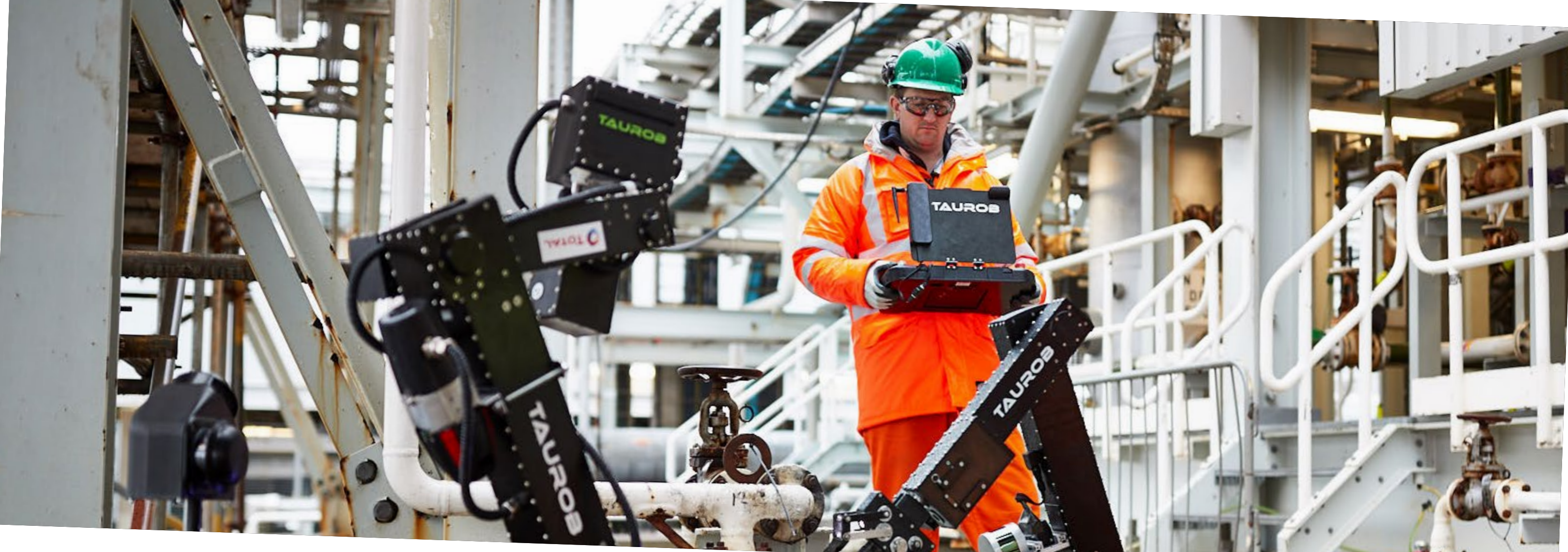
- CO₂ transport and storage monitoring
- Blue-H₂ supply (hybrid reforming technologies and pyrolysis)
- Green-H₂ production (cost efficient electrolysis, including offshore)

Electrolyser technology



Offshore green-H₂





Significance of the supply chain

We use our influence and initiatives to give UK supply chain firms the clearest possible picture of upcoming tendering opportunities for oil and gas and energy transition projects, while also promoting fairer treatment by customers.

Significant opportunities



Our support includes:

Stewardship Expectation 12

Published in June 2021, SE-12 outlines how companies should collaborate with supply chain contractors.

Companies must demonstrate they are:

- Adopting industry standard payment terms: 30-day period
- Publishing upcoming work and tenders on our Energy Pathfinder portal
- Using standardised tendering practices
- In alignment with cross-industry initiatives, including the North Sea Transition Deal

Supply Chain Action Plans

More than 120 SCAPs received. Now an integral and mandatory part of the Field Development Plan and Decommissioning Programme approval processes. They require operators to show they are:



Delivering maximum value from project activity in line with our Strategy



Driving decommissioning costs down through innovative and collaborative contracting



Contributing to Total Value Add through supply chain engagement

Energy Pathfinder

Energy Pathfinder

Scan to see how it works:

- One stop shop providing visibility of supply chain opportunities across more than 135 developments
- Allowing operators and developers to highlight challenges and seek solutions from the service sector
- Gives overall view to the industry of UKCS activity throughout the lifecycle of projects, including oil and gas and energy transition – CCS, hydrogen, low carbon power and offshore power generation
- Details of which Tier 1 supplier has won a contract helps smaller suppliers bid for sub-contracts
- Forward work plans, which provide details of upcoming tenders for operations and maintenance contracts

Our work with the Supply Chain and Exports Taskforce

Promoting and delivering the North Sea Transition Deal

Defining and developing UK content requirements to ensure maximum value is delivered from the country's energy transition and decommissioning projects.



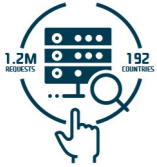
Bill Cattanach OBE
Head of Supply Chain

"The UK oil and gas supply chain is well placed to quickly adapt its skills and technologies to deliver the full range of energy transition projects in a cost effective way. In doing so it will further reinforce the UK's global reputation as a world leader in offshore project execution."

Data and digital

Unleashing the power of data and digital for industry, government, academia and the supply chain.

Quality open data



Open by default

- High-quality data resulting in better decisions
- Data validation at reporting stage
- Data cleansing
- Getting data to users through a wide range of products
- API integration removes duplication
- Spatial data
- Surfacing legacy data
- Decoupling data and systems

User-centric approach



Digital Energy Platform

- New digital system for businesses to apply for Pipeline Works Authorisations
- National Data Repository provides a vast quantity of easy-to-access information for industry, academia and government
- Improved Energy Pathfinder portal providing supply chain with details of opportunities
- Data warehousing

Insights & analysis

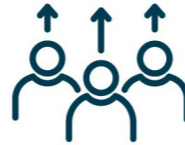


Insights leading to action

Data is collected, analysed and disclosed to inform and encourage action

- Energy integration
- Production efficiency
- Unit operating costs
- Recovery factor
- Flaring & venting
- Tier 0
- Data compliance and use

Influence



Catalyst for change

- Benchmarking to encourage positive action
- Creating the conditions to enable digital, data and technology changes to take hold
- Offshore Energy Digital and Data Strategy Taskforce
- Advancing the energy transition
- Robust compliance on data quality and completeness to add value and enable use for AI and machine learning

Providing enhanced digital tools to enable improved decision-making

Data, digital and technology for everyone

We have extensively upgraded the Digital Energy Platform to offer a vast range of information and analysis to users.



National Data Repository

Innovative cloud based technology enabling more than 50 years' worth of crucial, free North Sea data to be used to help businesses make better informed decisions as part of the transition to net zero

Open data site – GIS apps, spatial planning

Free open data using GIS technology to enable spatial planning of the basin to encourage an integrated offshore energy system

Pipeline Works Authorisation portal

The new digitised Pipeline Works Authorisation portal makes consents quicker and easier to request and saves time and money for industry users

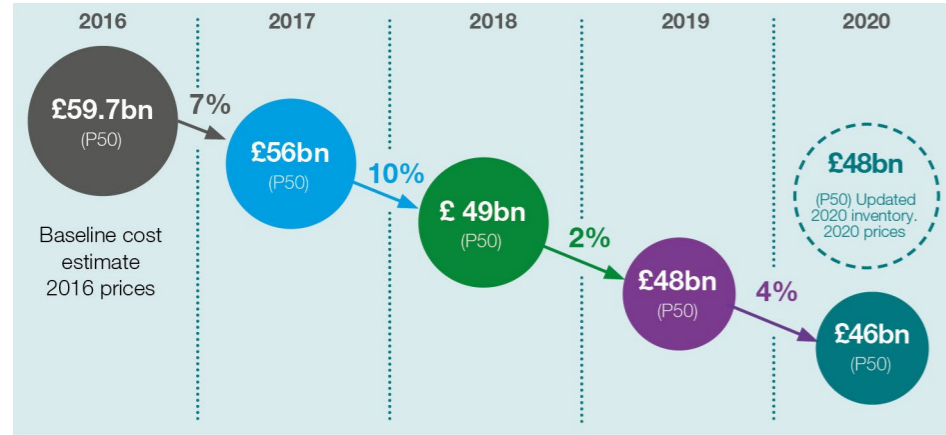


Nic Granger
Director of Corporate and Chief Financial Officer

"We are increasing the scope and power of our digital capabilities to help industry and academia realise the massive opportunities of the energy transition and energy integration."

Reducing decommissioning costs

The cost estimate for decommissioning UKCS oil and gas infrastructure has fallen by more than £13bn to £46bn end-2020, from £59.7bn in 2016.



Further 4% cost reduction to 23%

Actual cost performance tracking trajectory of estimate

20+ year steady spend forecast £1.5 – £2.5bn pa

Strategic Priorities

<p>Planning for Decommissioning</p>	<p>Support Energy Transition</p>	<p>Commercial Transformation</p>	<p>Technology, Processes & Guidance</p>
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Net zero and commercial transformation



Decommissioning is making a contribution to the UK's net zero strategy

Reuse and repurposing infrastructure, including for CCS

Ensure reuse considered before decommissioning programme submitted

Developing framework and tools to support realising repurposing opportunities

Screening UKCS oil and gas infrastructure for repurposing viability

Initiating repurposing stewardship with oil and gas operators

Campaign Work

Promoting campaign approach as the optimum way to decommission wells

Formal engagement held with all operators of suspended open water wells to agree acceptable plan for decommissioning

Driving collaboration through targeted operator engagement across the basin

WOS
Operator campaign working group established

CNS & NNS
Facilitating cross-operator collaboration for rig and vessel campaigns

EIS
Collaborative way forward agreed

SNS
Promotion of supply-chain-led campaigns



Pauline Innes
Head of Decommissioning

"Our Decommissioning Strategy emphasises the contribution the late life and decommissioning phase can make to the UK's transition to net zero, including through the reuse or repurposing of infrastructure and reservoirs. We also pressed the case for cultivating a more collaborative culture, including the development of new procurement models, and the adoption of well P&A campaigns."



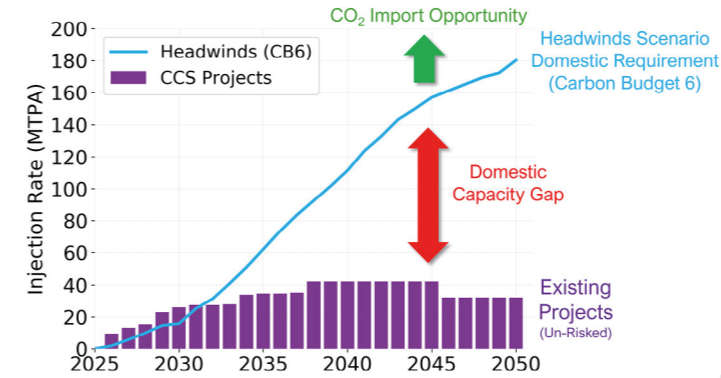
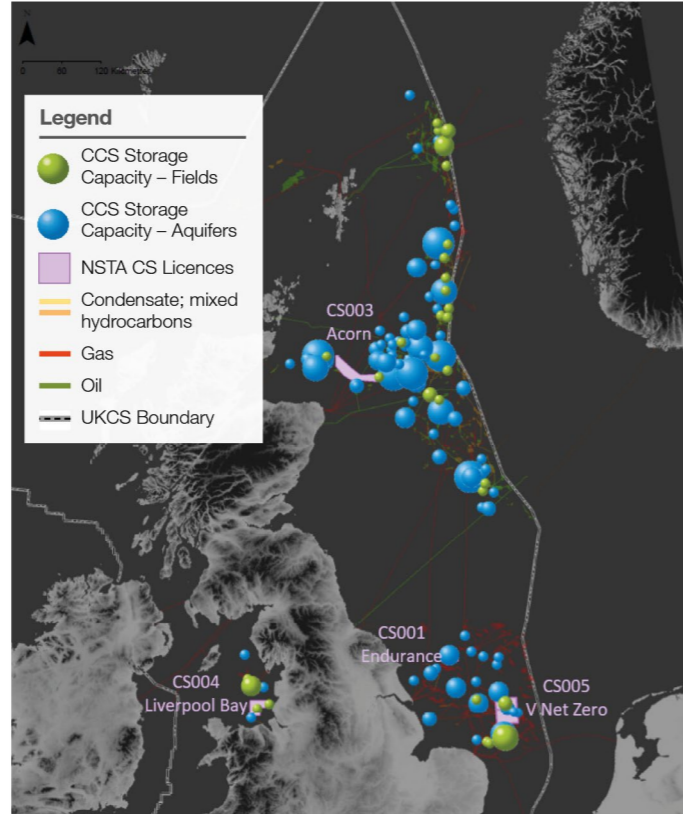
CCS – the time is now

Our role

- Licensing and permitting authority for offshore carbon dioxide storage – First licence issued December 2018. Four licenses have now been issued
- Maintain the carbon storage licence public register
- Consider reuse as part of our Cessation of Production process
- Consultee to OPRED on operators' decommissioning plans
- Using our spatial planning expertise to understand location of best storage structures
- Nominations process available for CO₂ appraisal and storage licences

Working with government and industry

- Supporting government and others to identify existing infrastructure with reuse potential for carbon capture and storage or hydrogen projects
- Engaging with CCS project developers
- Guiding and stewarding project developers and applicants through our processes
- Two projects selected for track one of UK's CCUS Cluster Sequencing Process, with third held in reserve



CCS critical to achieving UK net zero

- Our Energy Integration Project illustrates that integration of offshore energy systems, including CCS, could contribute to deliver around **30% of total carbon reduction** requirements needed to meet the 2050 net zero target
- **75-175 MtCO₂ / year** captured and stored by 2050, or up to one third of the current UK emission baseline (CCC (2019) Net Zero: The UK's contribution to stopping global warming)
- **78 GtCO₂** potential storage capacity (ETI / BGS co2stored.co.uk) on the UKCS, sufficient to meet hundreds of years of UK demand



Key publications

Scan the QR codes to view



We have developed a series of strategies which set the direction for our organisation and wider industry to follow. We also regularly publish reports and analysis to drive greater efficiency in the UKCS.



OGA Strategy



Stewardship Expectation 11: Net Zero



Corporate Governance Guidance



Flaring & Venting Guidance



UKCS Energy Integration Project



Stewardship Expectation 12: Supply Chain

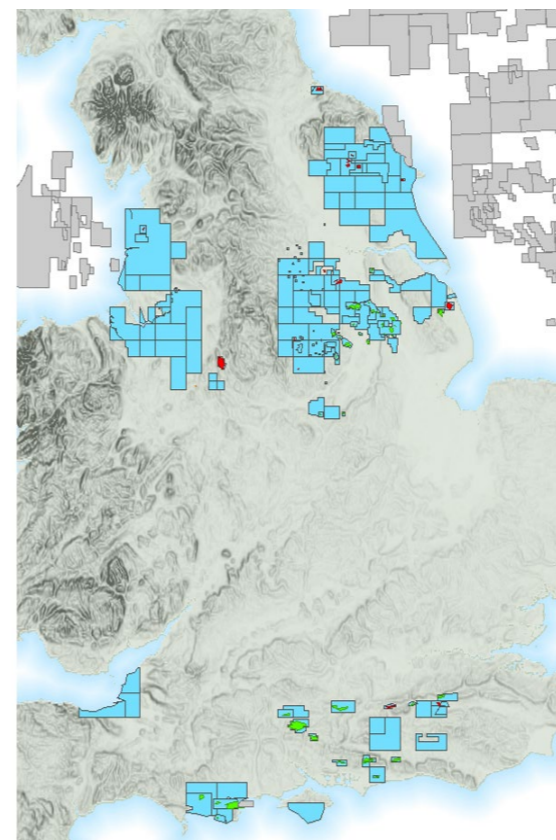


Bacton Energy Hub Study



Decommissioning Strategy

Onshore licensing and consents



Our onshore role for oil and gas includes:

Regulation: Ensuring an effective licensing system with guidance and controls in place, and making information available in the public domain

Stewardship: Working with licensees to review their existing well stock to secure a progressive plan for the decommissioning of redundant suspended wells

Collaboration: Recognising that high levels of public interest demand transparency, active engagement and close working with government and other regulators

Net zero: Encouraging low carbon initiatives to be integrated in future developments

Features of our onshore activity include:

Licensing: Manage licence activity and commitments for 150+ Petroleum Exploration and Development Licences in England

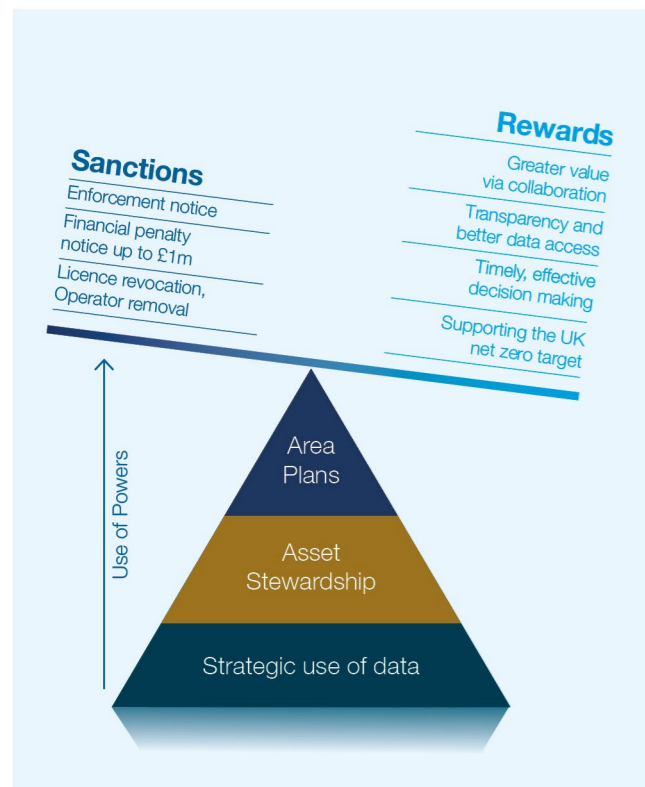
Ongoing exploration and appraisal: At least two new wells expected to be drilled in 2022/23

Production: Over 51 oil and gas fields undergo annual consent approvals for production, flaring and venting. New field proposals are also considered

Subsurface data: Developing plans to integrate information gathered onshore into our data centre to ensure that this important archive is preserved for the future

Exercise of our powers

Striking the right balance



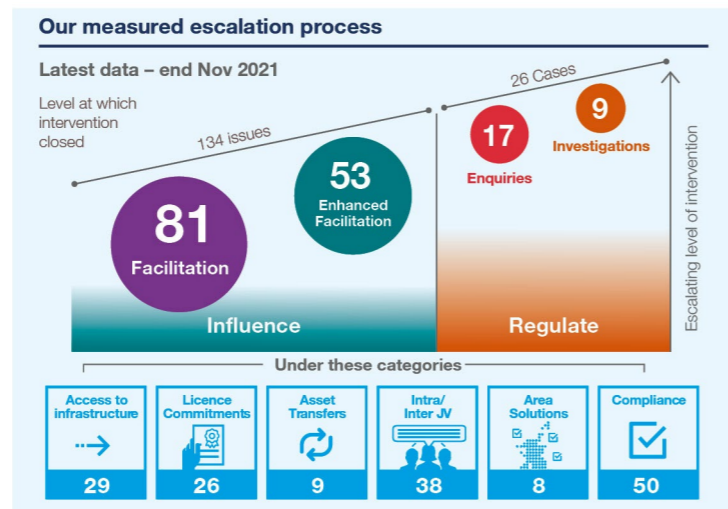
Our interventions

We use 'measured escalation' to manage 'issues', where we seek primarily to influence the outcome, and 'cases' where we will consider intervention with regulatory powers

Separately, we enforce licence obligations and deadlines to drive the pace of delivery and ensure that the right assets are in the right hands

In 2020, we launched the 'UKCS Mediation Pilot' to help companies resolve disputes through mediation

The pilot was extended until the end of April 2022 to give operators more time to take advantage of the scheme and let us assess its value



Further details on the measured escalation process can be found in our Enquiry Guidance.

Measuring success

31 success stories recorded between Feb 2021* and Feb 2022, **458** since inception

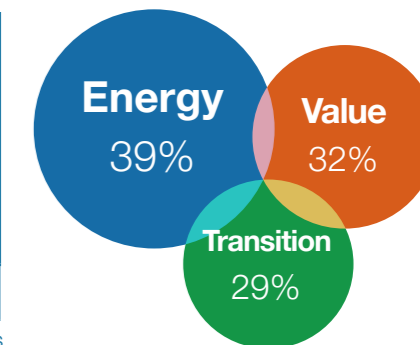
* revised Strategy came into force Feb 2021

Success metrics

Emissions prevented (tonnes CO ₂ e)	Tripartite barrels (mmboe)	Value of investments (£bn)	Decom cost savings (£M)	Time saved to industry (fast tracked consents days)
1.1M (1.2M*)	50 (1601)	0.4 (5.4)	353 (870)	85 (4680)

*Successes since inception in brackets

Primary Delivery



Impact on Industry



Our success tracker, dashboard and methodology quantify impact (relative to what would have happened in the absence of support or intervention) using key metrics aligned with our obligation to support the Energy Transition.

Tripartite working

Tripartite working between our organisation, government and industry helps to stimulate investment, secure jobs and position the UK Continental Shelf as a centre of innovation and expertise.

Fiscal stability



Predictability

Three elements to tax regime:
Ring fence corporation tax;
Supplementary charge; Petroleum
revenue tax

Basin-wide
investment allowance

Transferable tax history

Supporting decarbonisation



UK Government and industry

North Sea Transition Deal

Net Zero Strategy

£1m electrification competition

Cluster sequencing for carbon
capture and storage

Excellence in innovation



UK and Scottish Government support

Net Zero Technology Centre

National Decommissioning Centre

Global Underwater Hub

Energy Transition Zone



The Rt Hon Kwasi Kwarteng MP

Secretary of State for Business, Energy and Industrial Strategy

"Sharing existing expertise and infrastructure from the oil and gas industry will be integral in the development of our outstanding renewable energy sector, helping us meet our climate change commitments."

North Sea Transition Forum Steering Group and Task Forces

The North Sea Transition Forum

The North Sea Transition Forum brings our organisation together with government ministers and senior industry leaders to provide strategic direction and oversight on oil and gas industry issues. The group meets at least twice a year to drive key priorities, including the North Sea Transition Deal, the vital transition to a low carbon economy and the achievement of net zero.

The North Sea Transition Steering Group

The Steering Group oversees and co-ordinates the task forces, discusses and reviews strategic issues and ensures the task forces' priorities include the UK energy transition and the North Sea Transition Deal. Members include representatives from our organisation, Offshore Energies UK and senior representatives from industry including the task force leads.

Asset Stewardship Task Force

Decommissioning and Repurposing Task Force

Efficiency Task Force

Exploration Task Force

Supply Chain & Exports Task Force

Technology Leadership Board

Wells Task Force

Each task force is led by an industry representative with support from our organisation and other representatives from across industry, trade associations and government. The task forces are focused on core areas and are important vehicles for driving and delivering innovation and improvements. Following a review all task forces have extended their remits to build net zero, collaboration and cultural change into their work scopes as enablers of the North Sea Transition Deal.

Who does what in Government?

Oil and gas exploration and production including:	
Offshore, onshore, gas storage and gas unloading licensing	North Sea Transition Authority (NSTA)
Field development plan consents	
Cessation of production approvals	
Offshore pipeline works authorisation	
Infrastructure	
Commercial matters and changes of control	
Flaring and venting consents	
Metering and allocation	
Production outages	
Offshore decom efficiency, costs, technology	
Supply chain action plans	
Net zero test	
Emissions benchmarking	
Offshore decom programme approval, execution and monitoring	BEIS – OPRED
Offshore environmental management and inspection	BEIS – OPRED
Health and safety management	HSE
Environmental aspects of onshore regulations	Environment Agency (England)









Oil and gas policy including:	
Overall oil and gas policy	BEIS
Legislation	BEIS & NSTA shareholder team
Oil and gas parliamentary processes	BEIS – OPRED, NSTA, Her Majesty's Treasury (HMT)
Offshore decommissioning	HMT (NSTA providing expertise and evidence)
Fiscal and taxation	BEIS & NSTA
Supply chain and business impact	BEIS – OPRED
Environment	BEIS, Department for International Trade NSTA, Foreign and Commonwealth Office
International relations and trade	

Energy integration including:	
Carbon storage licensing and permitting authority	NSTA
UK energy policy, including CCS, hydrogen, renewable energy, legislation	BEIS
Seabed leasing	The Crown Estate (England and Wales), Crown Estate Scotland
Marine leasing	Marine Management Organisation (England), Marine Scotland, Natural Resources Wales
Offshore transmission, expected economic regulator for CCS	OFGEM

Key:
BEIS: Department for Business and Industrial Strategy
OPRED: Offshore Petroleum Regulator for Environment and Decommissioning






Experienced leadership

Board of Directors and Company Secretary

	Chairman Tim Eggar		Chief Executive Dr Andy Samuel		Non-Executive Director Sara Vaughan		Non-Executive Director Malcolm Brown		Non-Executive Director Dr Sarah Deasley
	Non-Executive Director Iain Lanaghan		Shareholder Representative Director Fiona Mettam		Shareholder Representative Director Vicky Dawe		Director of Corporate and Chief Financial Officer Nic Granger		Company Secretary and General Counsel Dr Russell Richardson

Accountable to BEIS Secretary of State

Executive Team

	Chief Executive Dr Andy Samuel		Director of Operations Scott Robertson		Director of Regulation Tom Wheeler		Director of Strategy Hedvig Ljungerud		Director of Supply Chain, Decommissioning and HR Stuart Payne CBE		Director of Corporate and Chief Financial Officer Nic Granger		Company Secretary and General Counsel Dr Russell Richardson
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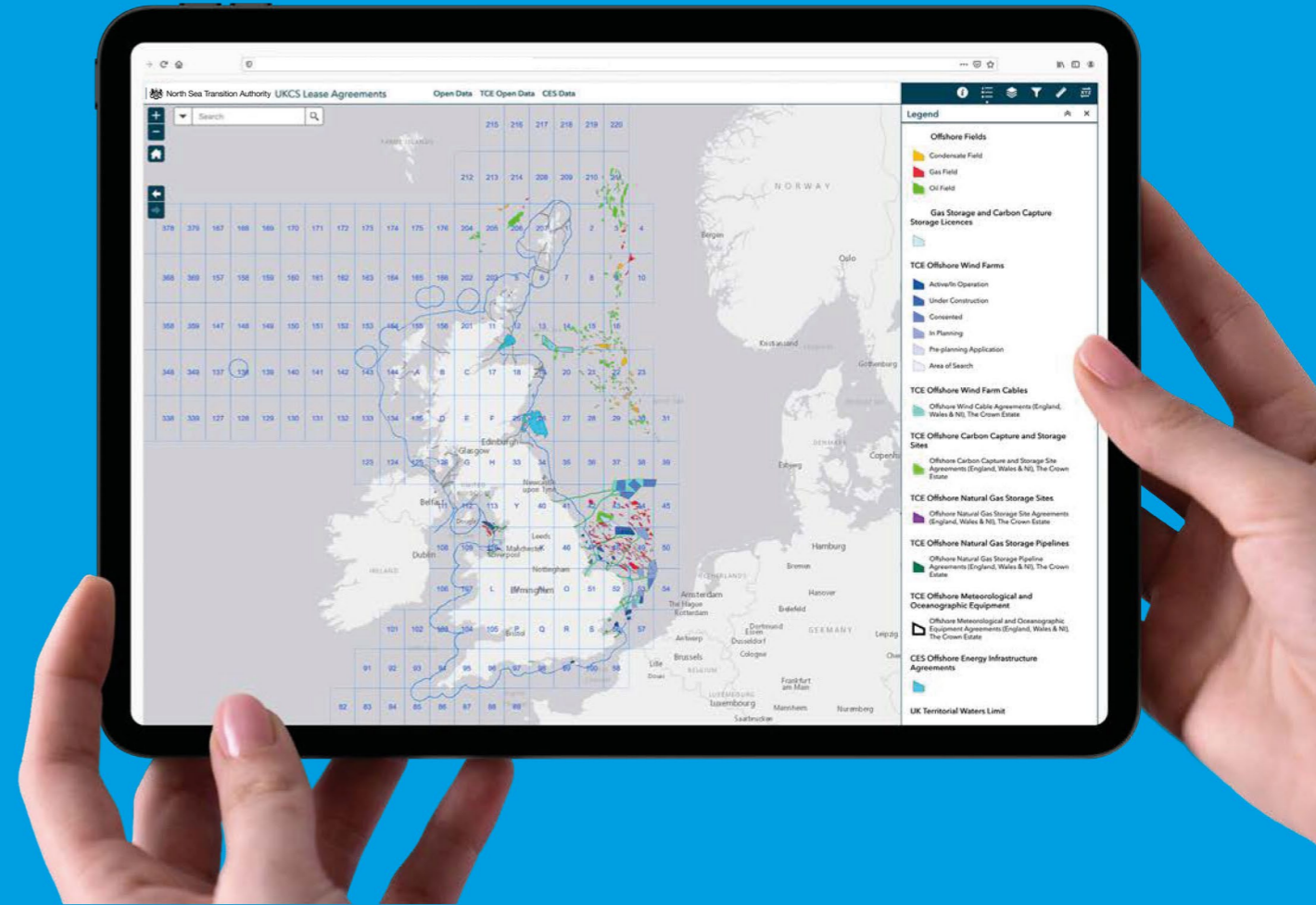
Interactive energy map for the UKCS

We have worked with The Crown Estate (TCE) and Crown Estate Scotland (CES) to create the app, which, at launch, listed more than 60 in-construction or active wind, wave and tidal sites on the UKCS as well as recently awarded CCS licences and 489 petroleum licences.

The application is automatically updated as each organisation logs new information and is the first time that the locations of all oil and gas and renewables sites have been presented together.

The application shows the proximity of existing oil and gas infrastructure to wind farms, electrical cables and CCS sites, which will assist in gauging the potential for reuse when decommissioning assessments are being made. It has also provided valuable information in prioritising areas for seismic shooting before a windfarm development is built.

Scan to see how it works:





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The North Sea Transition Authority is the business name for the Oil & Gas Authority, a limited company registered in England and Wales with registered number 09666504 and VAT registered number 249433979. Our registered office is at 21 Bloomsbury Street, London, United Kingdom, WC1B 3HF.

www.nstauthority.co.uk