

# Drax is capturing the opportunity to level-up the North.

The UK's path to economic recovery post-Covid comes together with our country's need for action on climate change and levelling up. It is vital that we seize this moment to bring jobs and growth, derived from new green industries, to the North of England and revitalise the region.

**Drax is at the forefront of bringing both opportunities and growth to Yorkshire and the Humber, whilst tackling climate change.** Drax Power Station is Europe's largest decarbonisation project and in 2019 Drax became the first company in the world to capture CO<sub>2</sub> using bioenergy with carbon capture storage (BECCS).

Our vision for the local region extends beyond the power station cooling towers and sets a course for a revitalised region, building on Yorkshire and the Humber's industrial heritage, where jobs are protected and created, and new green industries are allowed to thrive.

Our most recent report, *Capturing Carbon at Drax: Delivering jobs, clean growth and levelling up the Humber*, proves that the region could be the cornerstone of a green economic recovery by creating and supporting

**47,800** jobs.

Drax will play a vital role in kickstarting this green revolution. **BECCS is a negative emissions technology not only crucial for getting us to net zero, but for attracting global investment into the UK.**

The nurturing of carbon capture and storage and hydrogen technologies into vibrant industries will be central to this transition. As a member of the Zero Carbon Humber Partnership (ZCH), Drax together with its partners is creating one of the world's foremost green industrial regions and the UK's first net zero cluster.

**Unlocking this unique environmental and economic opportunity benefits the Humber, the North of England and the whole of the UK.**



# Preserving and creating green jobs of the future.



**10,300 jobs**

As a result of Drax BECCS project



**47,800 jobs**

As a result of deploying CCUS & hydrogen in the Humber



**193,000 jobs**

As a result of deploying CCUS & hydrogen across the UK

● Supported by direct capital expenditure ● Supported through the supply chain and the wider UK economy

## Transforming the future of the North.

- Deploying carbon capture, usage and storage (CCUS), and hydrogen technologies in the Humber will create and support 47,800 jobs, including 24,000 direct jobs and a further 23,000 jobs through the supply chain and wider UK economy.
- Drax's BECCS project will provide one-out-of-three jobs across the Humber cluster, meaning 10,300 jobs created and supported at its peak in 2027 including 5,000 direct and 5,300 indirect jobs.
- Utilising the Humber's net zero model to accelerate the CCUS and hydrogen sector across the UK could mean the creation and support of 193,000 direct and indirect jobs.

## Building the green skills of the future.

The Covid crisis has intensified economic uncertainty in the North, with almost 60% of construction workers being furloughed in August 2020.

The skills gap in the region's electricity and gas, engineering and construction sectors is likely to increase by 2022. Drax is playing its part to ensure people in Yorkshire and the Humber region have the skills needed for these new green jobs; capturing the opportunity for green economic recovery and regeneration in the North. Government support for our ambition is paramount to levelling-up the region and enabling the entire UK to build back greener.

# BECCS will future-proof the regional and UK economy.



**£673m**

As a result of Drax BECCS project



**£3.1bn**

As a result of deploying CCUS & hydrogen in the Humber



**£13.9bn**

As a result of deploying CCUS & hydrogen across the UK

● Direct economic benefit ● Economic benefit in the supply chain and wider economy

## Drax's BECCS facility together with the deployment of CCUS and hydrogen will help Yorkshire and the Humber, as well as the UK, by creating a £3.1bn benefit to the economy.

It is crucial that industry in Yorkshire and the Humber is transformed so that it can thrive. BECCS will reduce emissions and support the Humber's industry to operate against a backdrop of tighter emissions targets; this will preserve some 55,000 jobs in addition to the jobs highlighted in this report.

- The deployment of CCUS and hydrogen in the Humber means the creation of a £3.1bn economic uplift, including a £1.8bn direct benefit and a £1.3bn benefit in the supply chain.
- As a result of Drax's BECCS project alone, there will be a £675m uplift in 2027; £368m direct and £305m indirect.
- Bringing the benefits of CCUS and hydrogen to the UK would mean £13.9bn in economic uplift.

To find out more about how Carbon Capture by Drax can help level up the North, please visit [www.drax.com/Captureit](http://www.drax.com/Captureit)