



Humber Industrial Decarbonisation Cluster Development

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17 June 2020

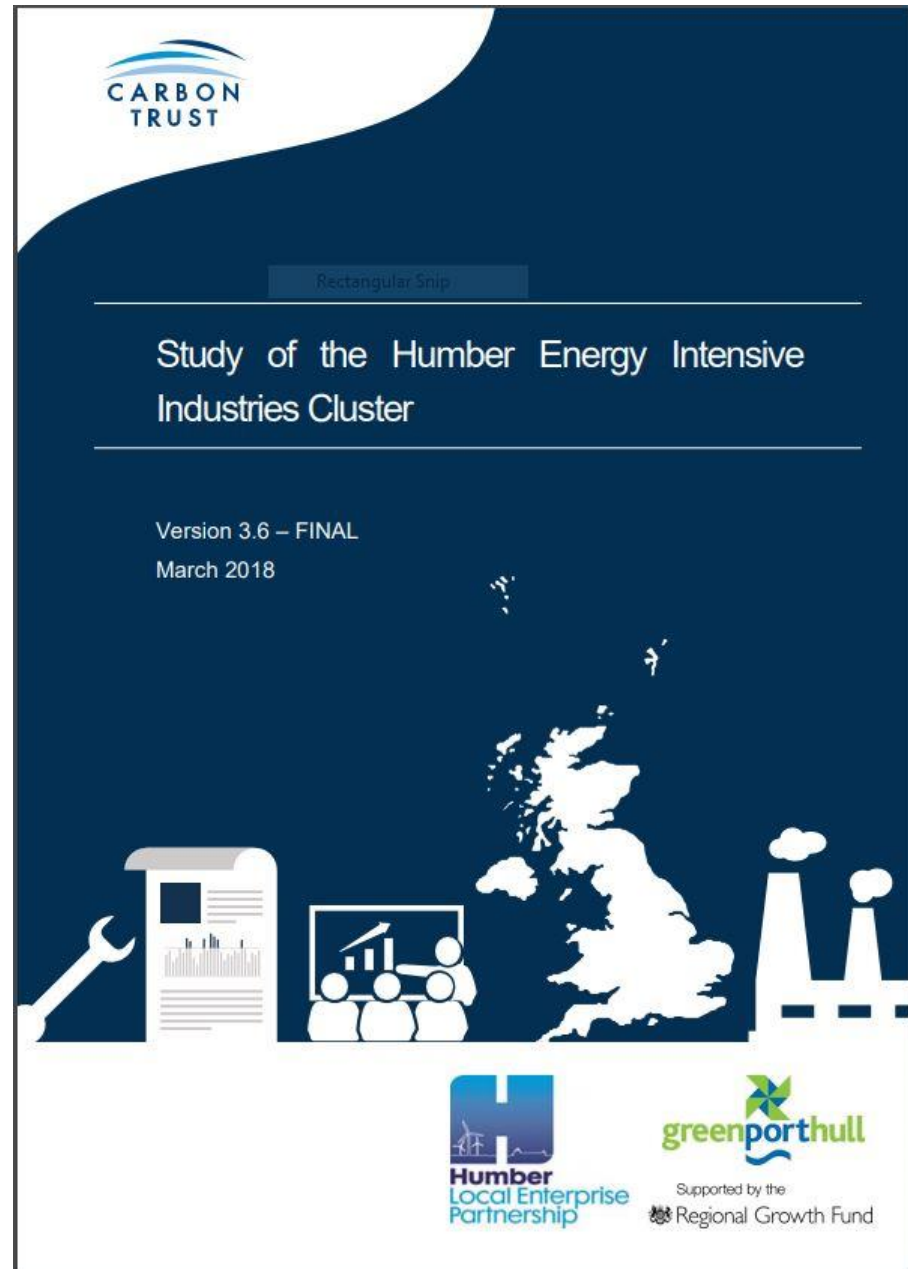
Brief background

CATCH membership organisation
for Humber industry

collaborating with

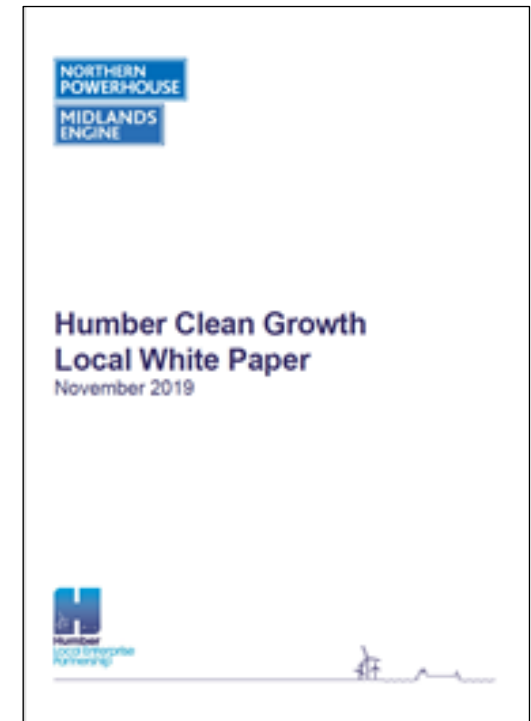
Humber Local Enterprise
Partnership

Green Port Hull



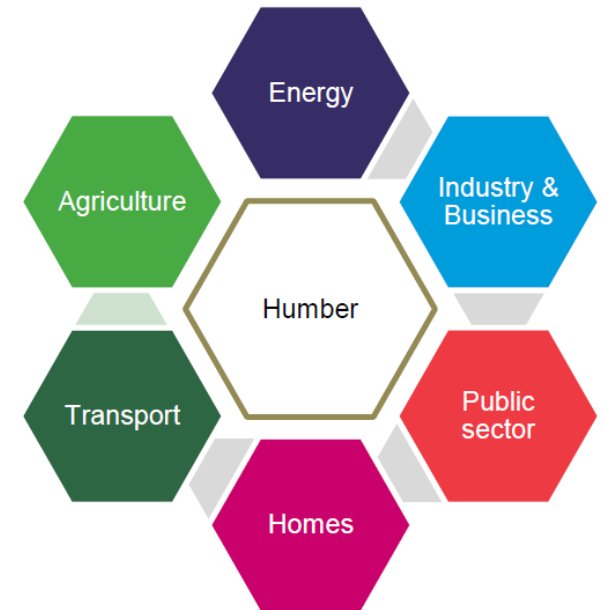
Humber Clean Growth Local White Paper

- The Humber LEP published their white paper in early November
- <https://www.humberlep.org/wp-content/uploads/2019/11/Humber-Clean-Growth-White-Paper.pdf>
- Established an Energy & Decarbonisation Board – wider actions:
 - Humber net zero by 2040
 - Identify whole place actions through Net Zero Commission
 - Review local policies to adapt to Net Zero whilst maximising local benefit
 - Develop proposals for CCUS
 - Accelerate maritime cluster decarbonisation (via Clean Maritime Plan)
 - Design a single integrated Local Natural Capital Plan supporting natural carbon sequestration
 - Deliver a programme of Decarbonisation and Energy Efficiency support to SMEs



Humber Clean Growth Local White Paper

- Develop the Local Industrial Strategy to seek Government support for:
 - Energy & Decarbonisation Board's design of the Humber's decarbonisation plans
 - Explore options for appropriate delivery vehicles and financing models for decarbonisation interventions – working with UK industrial clusters
 - Explore greater collaboration between UK industrial clusters and build relationships with international industrial clusters
 - Identify new trade & investment opportunities linked to decarbonisation with NPH and DIT
 - Co-fund the development of a decarbonisation roadmap under the Industrial Clusters Mission and continue ongoing discussions with respect to the pipeline of projects to enable the Humber to achieve net zero by 2040



Whole Place Transition

UK Industrial Emissions

THE UK'S LARGEST INDUSTRIAL CLUSTERS BY EMISSIONS



ISCF – phase 1

The Humber has secured phase 1 funding from the Industrial Strategy Challenge Funding – Decarbonisation of Industrial clusters:

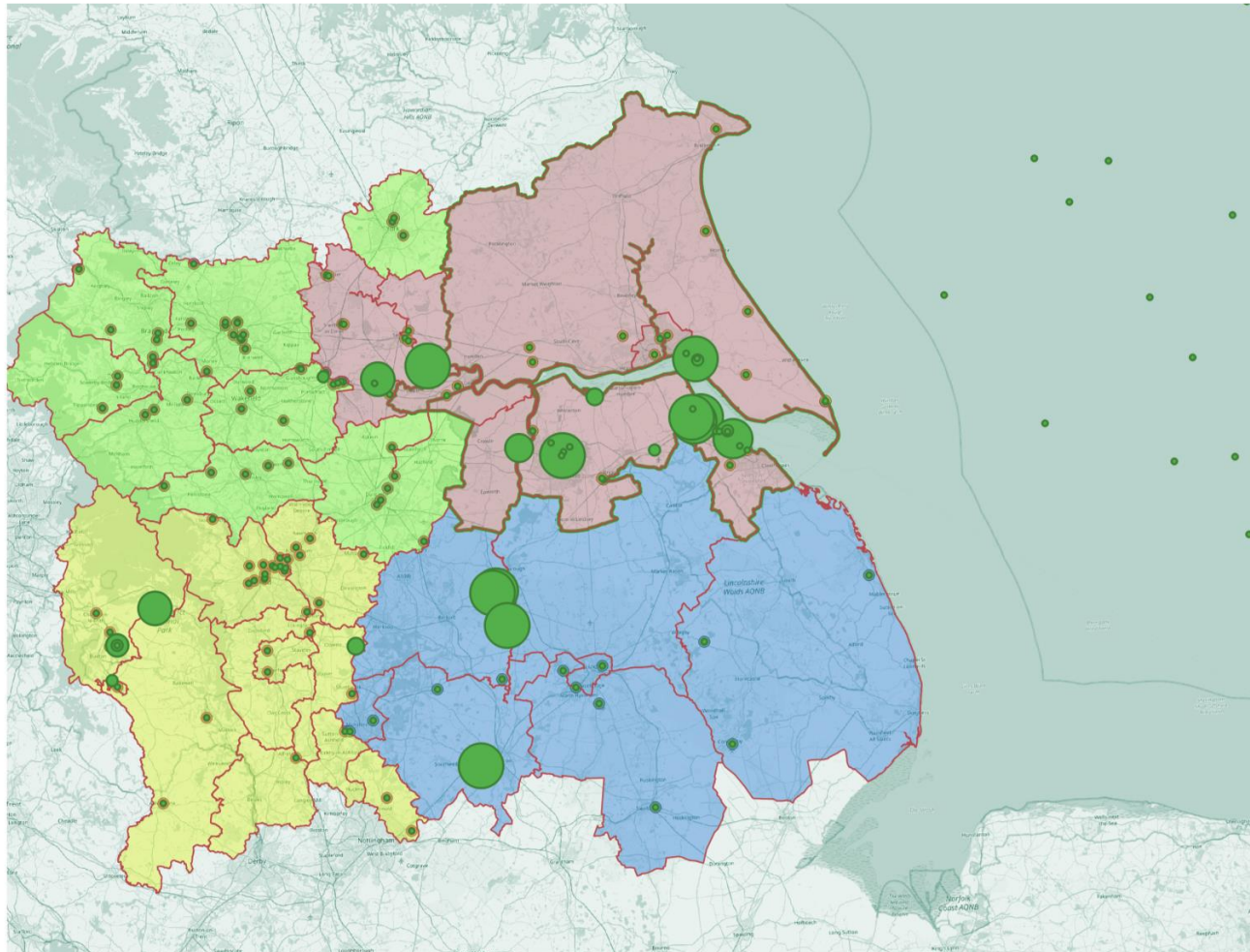
Humber Industrial Decarbonisation Roadmap – Humber LEP & CATCH

Green Hydrogen for the Humber – Deployment – ITM Power & Element Energy

Humber Industrial Decarbonisation Deployment – 12 industrial partners

Equinor, National Grid Ventures, VPI, Phillips 66, Uniper
PX, Triton Power, BP, ABP, Centrica Storage, Drax, SSE

Humber Cluster



Carbon emissions (illustrative)

- 0 - 50000
- 50000 - 100000
- 100000 - 150000
- 150000 - 200000
- 200000 - 250000
- 250000 - 300000
- 300000 - 400000
- >400000

- Core Humber cluster
- Humber LEP boundary

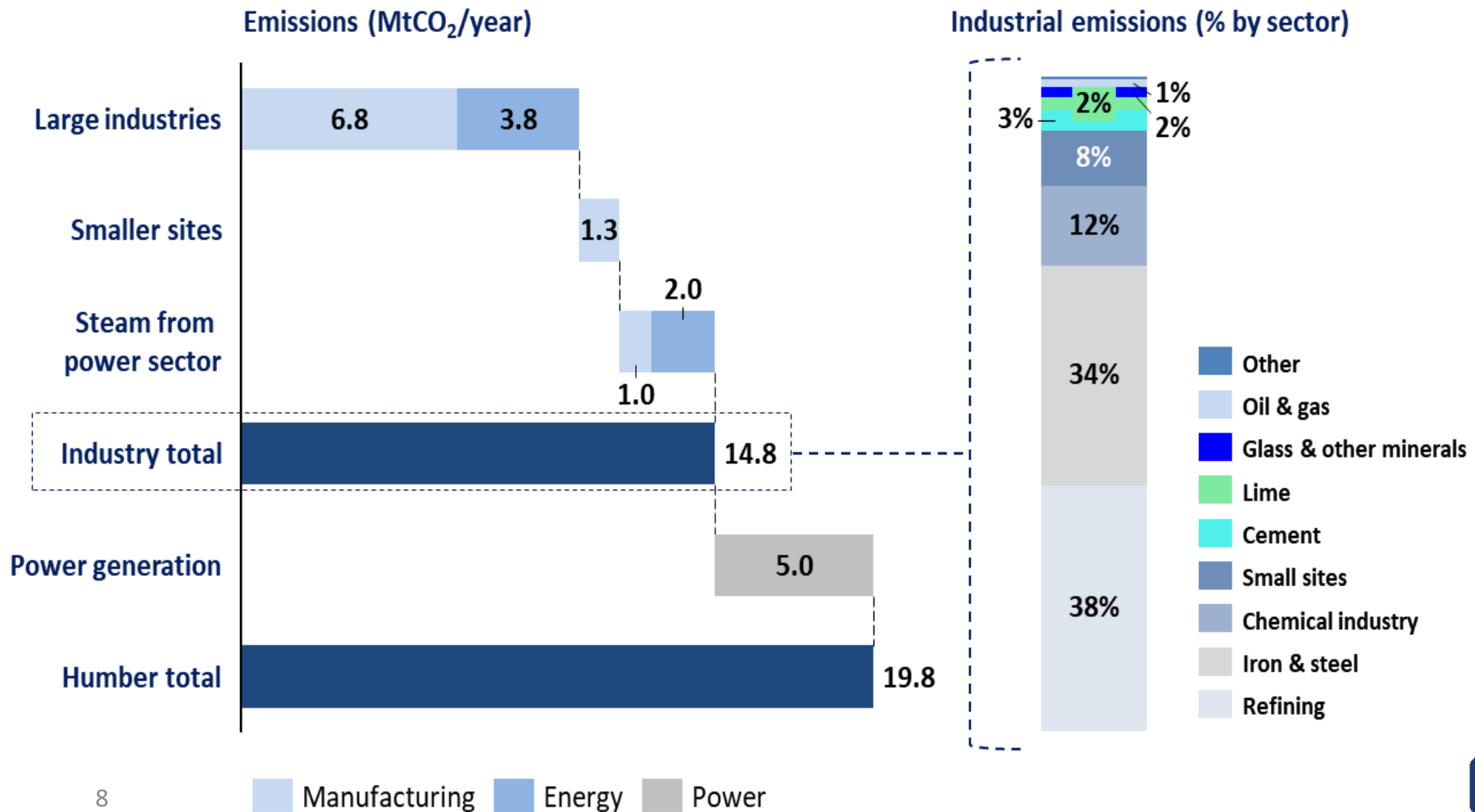
Regions in the wider cluster

- South
- West
- South West

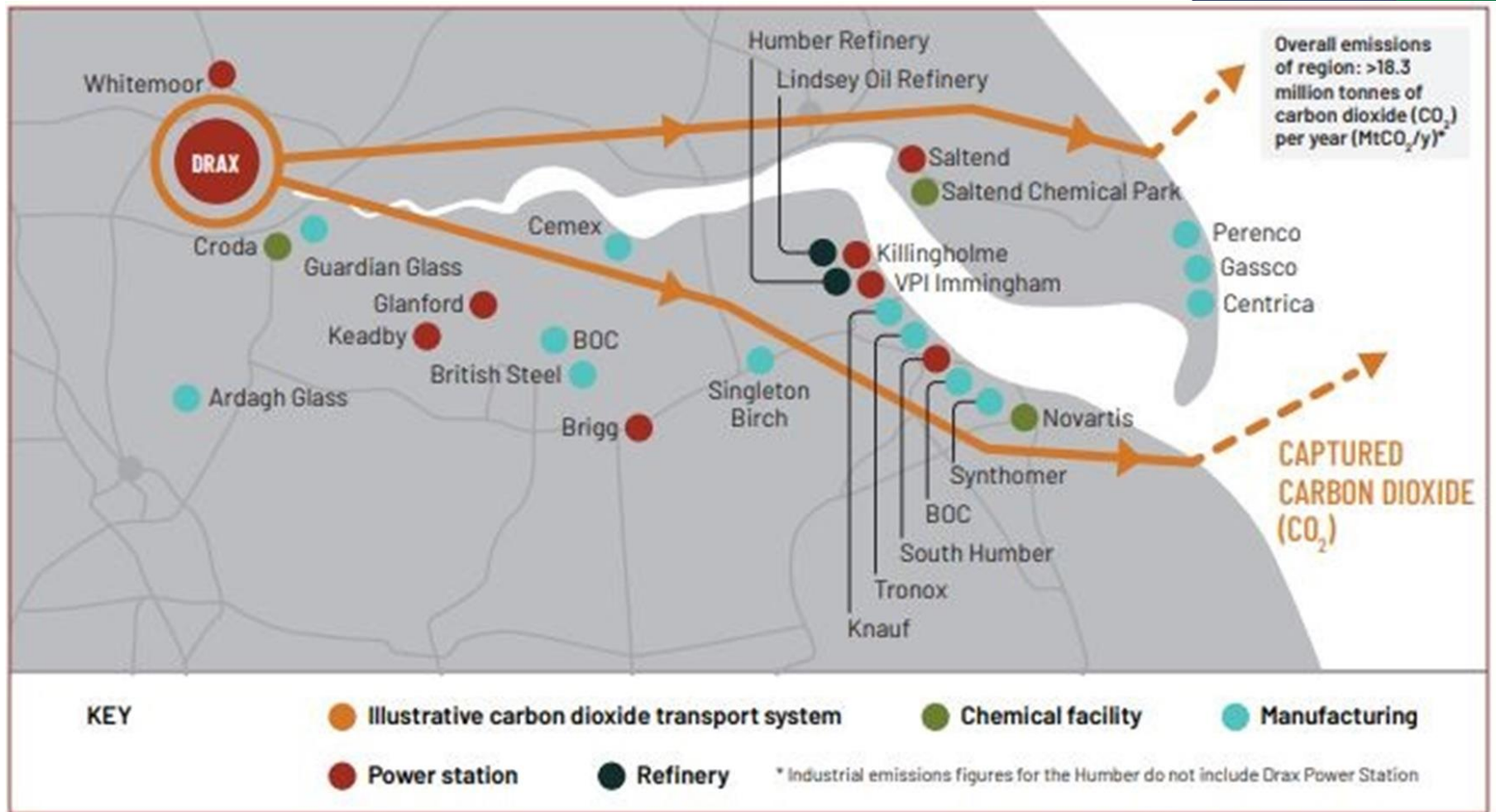
0 10 20 km



Humber Emissions



The industrial Humber bank



CO2 storage offshore

