

Accelerating Clean Growth in the Humber



Humber
Local Enterprise
Partnership

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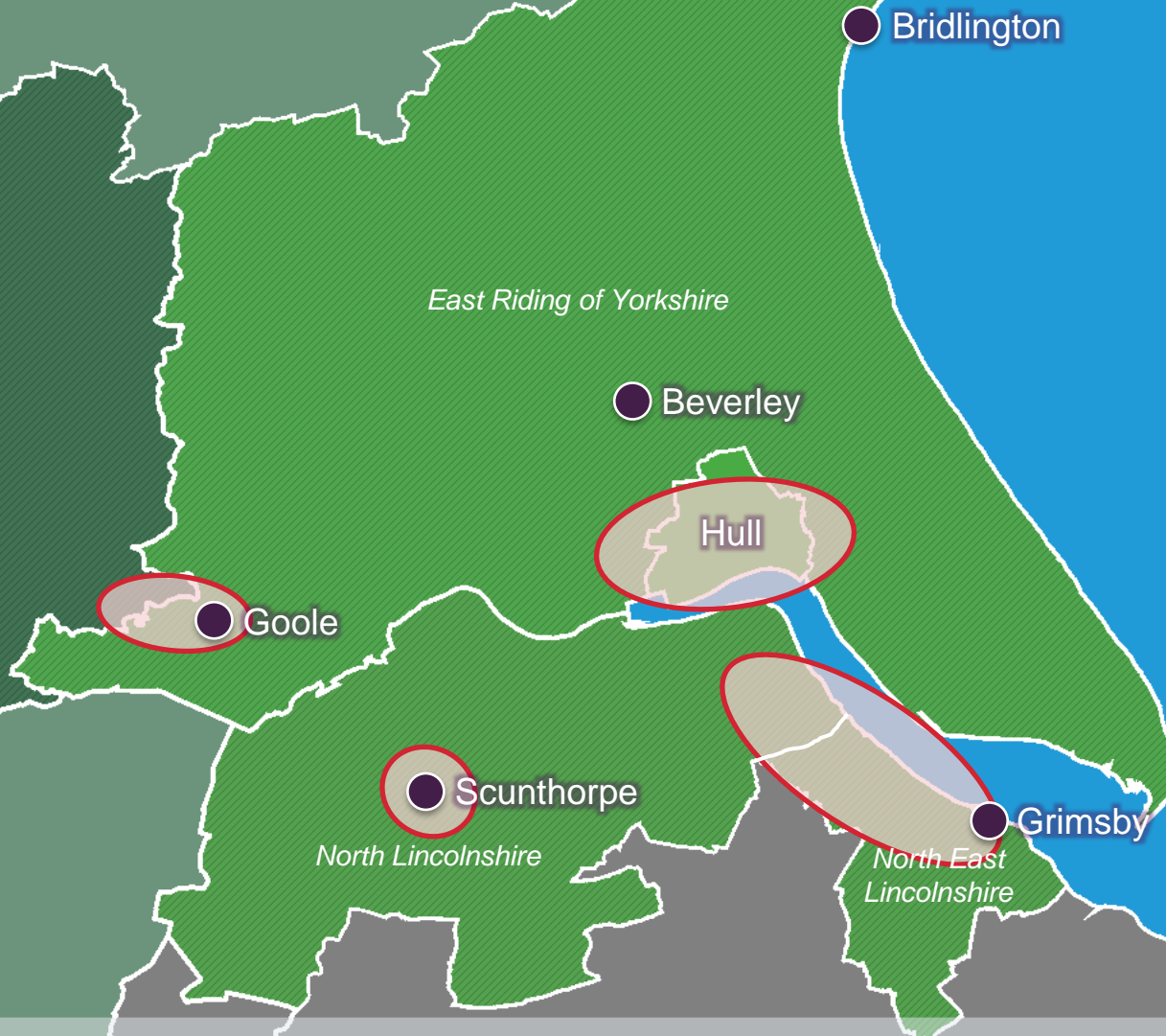
26 November 2019

Humber area



Area: 3,639 km²
Population (2017): 929,900
Businesses (2018): 36,520
GVA (2017): £19.37bn

 Main industrial areas



1. We're acutely vulnerable to climate change

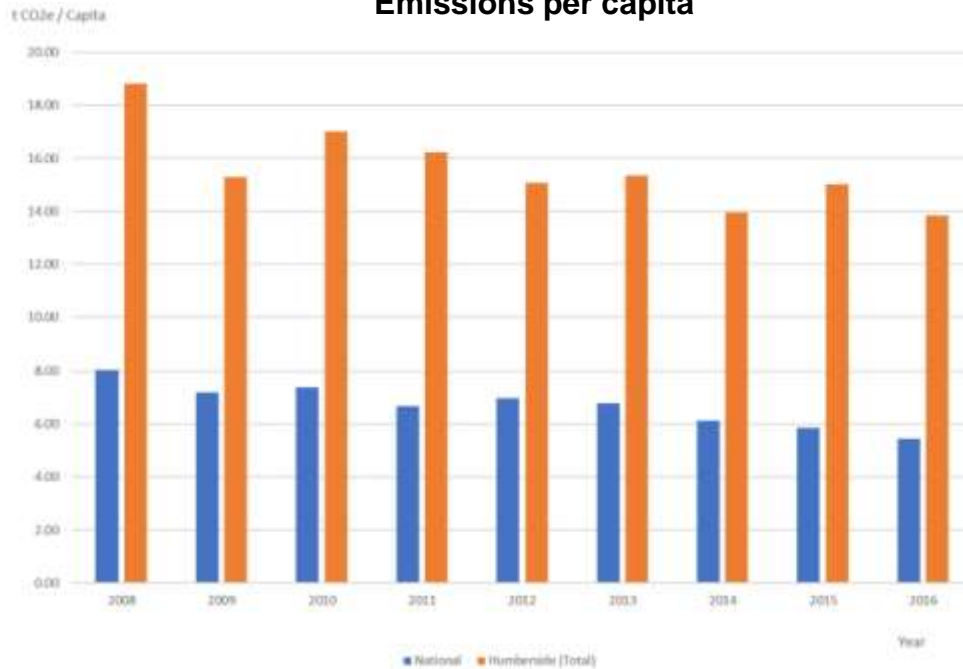
Flood risk



2. We're adding to it

CO₂ emissions

Emissions per capita



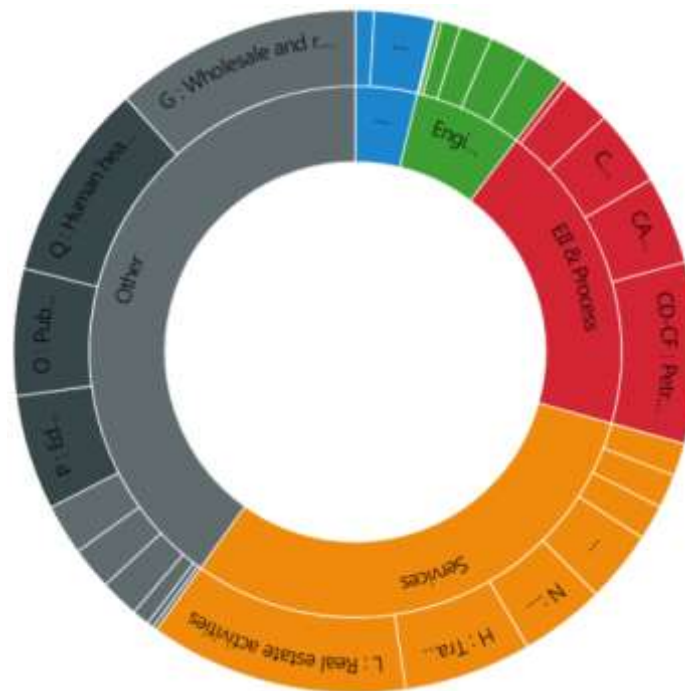
3. We can't afford not to adapt

Sectors

Employees



GVA



Energy Intensive & Continuous Process industries (direct):

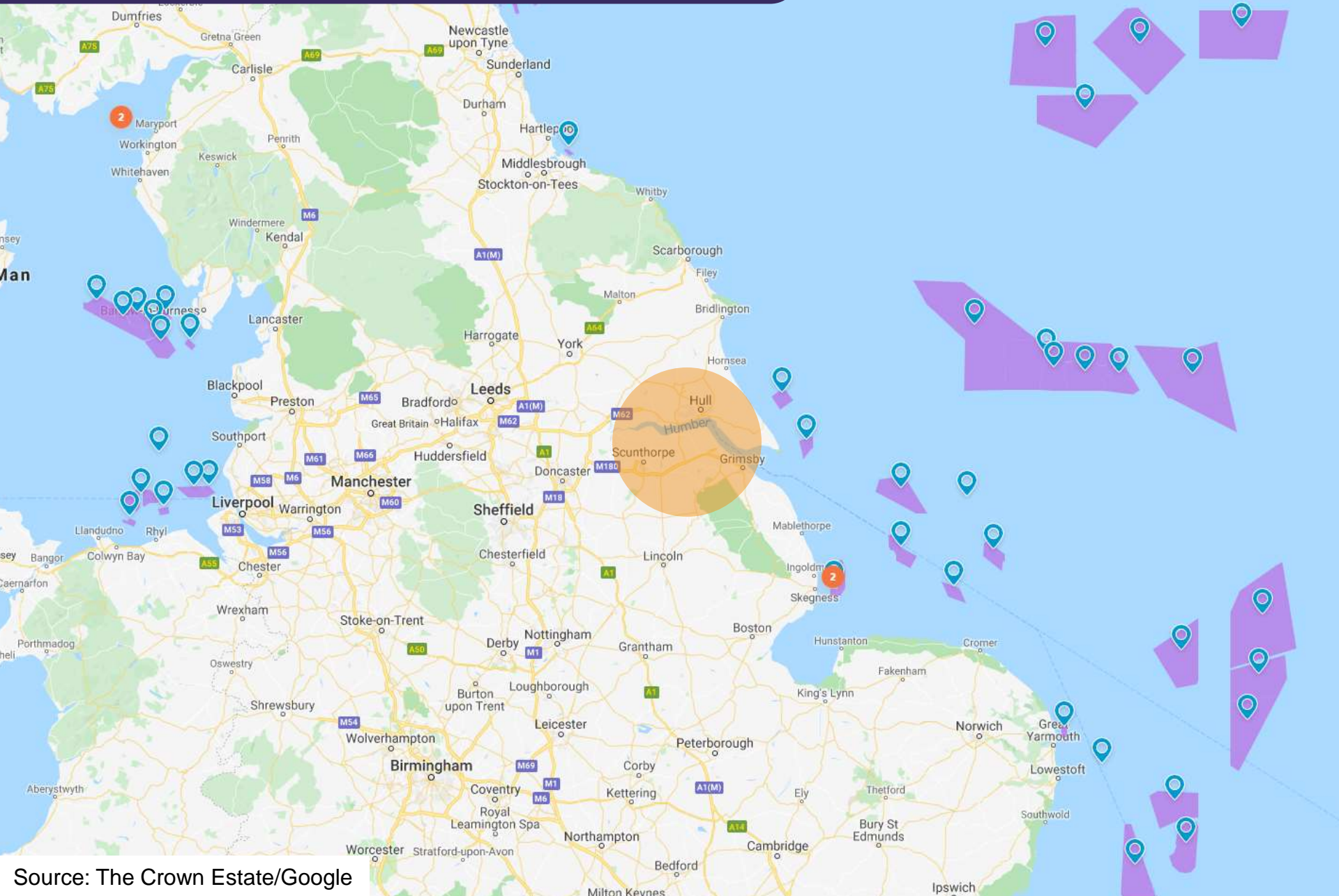
c. 10% of employees

c. 23% of GVA

Plus wider impact on supply chain

4. Clean growth is a massive opportunity for us

Offshore wind



Source: The Crown Estate/Google

Offshore wind



Offshore wind



Strategic opportunities for the Humber



1. Accelerating clean growth

Decarbonisation
Clean energy
Energy-intensive industries

2. Developing the Humber ports and manufacturing clusters

Ports & logistics
Engineering & assembly
Food

3. Knowledge economy

Tech
R&D
Professional services

5 foundations of productivity



Ideas



People



Infrastructure



**Business
Environment**

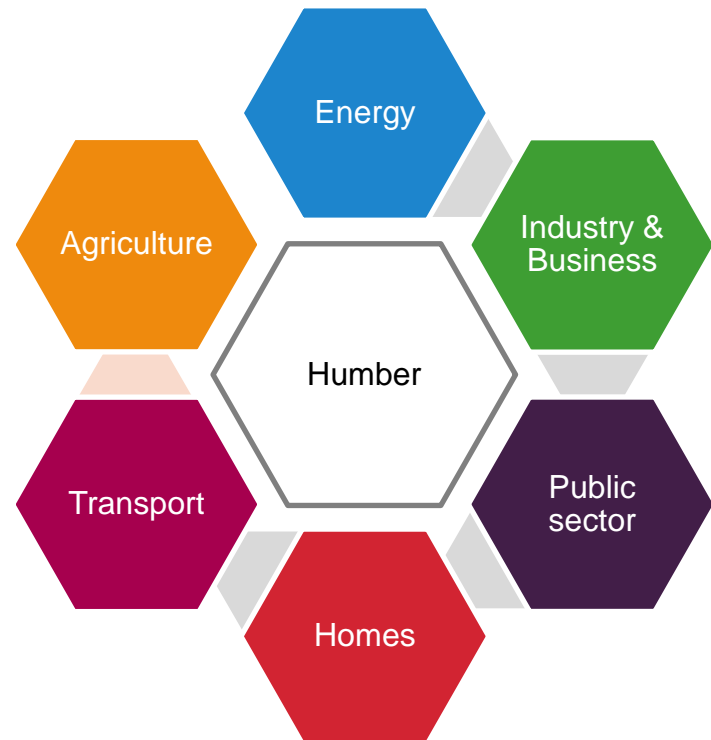


Places

Decarbonising the Humber

Our ambition is to develop the Humber into a **net-zero carbon industrial economy by 2040**, protecting strategically-important industries and maximising benefits for local communities and businesses.

- “Whole place decarbonisation”
- An exemplar transition that benefits local people and businesses.
- Deploy carbon capture, utilisation and storage at scale.
- Maximise the contribution of our natural capital.



Our ambition is for the Humber Energy Estuary to be a **global leader in clean energy generation.**

- **Delivering the Offshore Wind Sector Deal:**
 - 30GW by 2030, 50GW by 2050 (possibly up to 75GW)
 - Exports worth £2.6bn/year & c. 20,000 new jobs
 - Humber offer = location, land, ports and skills
 - Positioning – O&M innovation, integration, supply chain, skills
- Biomass, biofuels and hydrogen
- Innovation and new opportunities e.g. batteries
- Embed clean energy in the wider economy (e.g. SIP bid)



Energy-intensive industries

Our ambition is to improve the **long-term competitiveness** of the Humber's energy-intensive and continuous process industries cluster, supporting it to decarbonise and expand by pursuing complementary opportunities.

- Strategically-important assets but vulnerabilities now and in the future
- Achieving decarbonisation will require collaboration & industry leadership
- Opportunities for diversification, symbiosis and new innovation



Example local actions

- Roadmap for decarbonising the Humber's industrial clusters
- Recruiting leading academics and businesses to form a "Net Zero Commission"
- Decarbonisation and energy efficiency support for SMEs
- Building demand for hydrogen and seeking to attract new production
- Work with neighbours on food and agriculture
- Continue offshore wind supply chain development and support for developing CCUS

Download our White Paper

humberlep.org/cleangrowth

