



BioYorkshire

Driving prosperity and innovation through the bioeconomy

What will BioYorkshire achieve?

Delivering a bold new green agenda to create jobs, boost the economy and develop sustainable solutions for some of the UK's most pressing environmental challenges

Making North Yorkshire the first negative carbon region in the UK

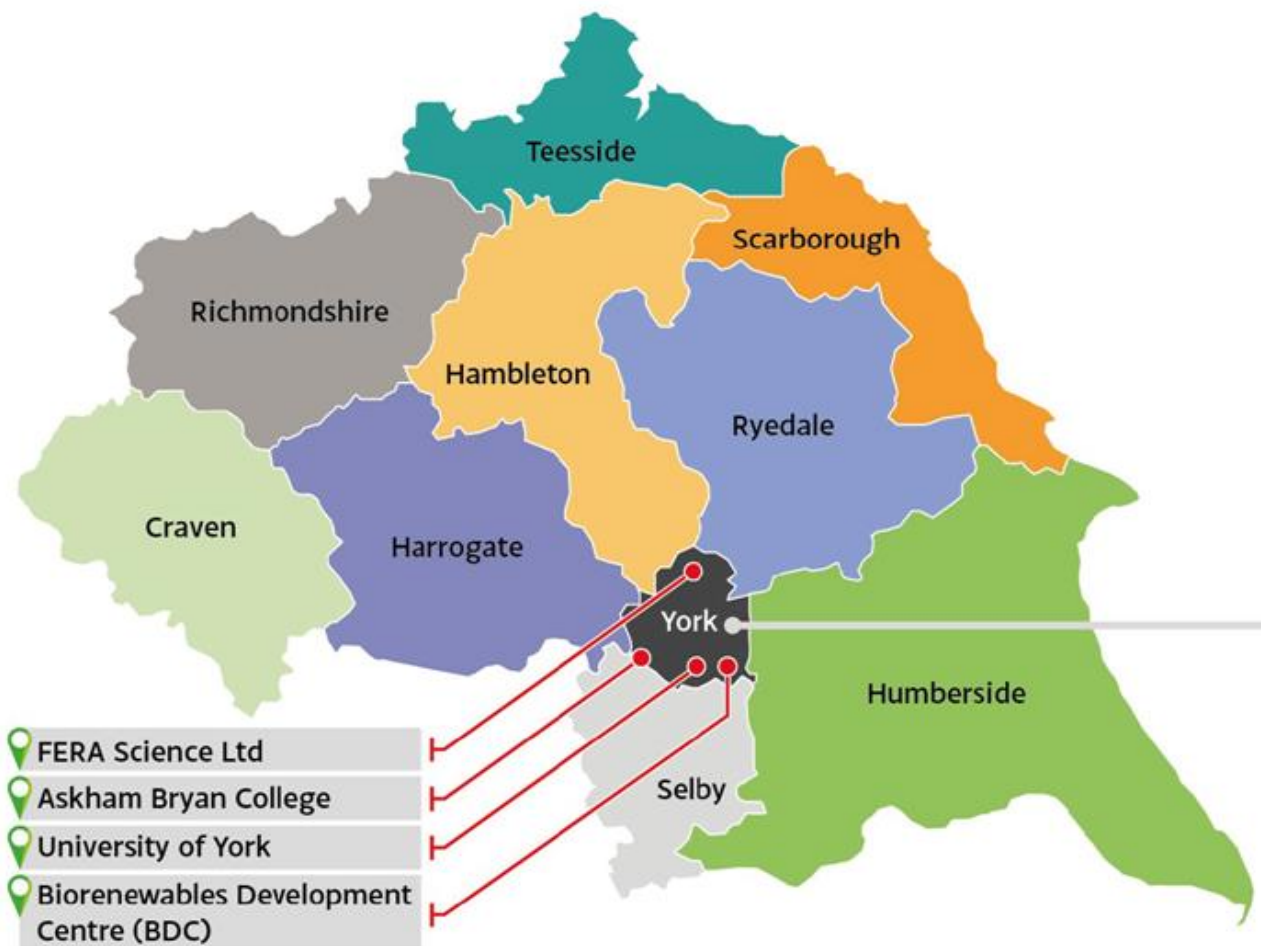
A ten year programme to transform YNY region into a globally competitive hub for UK bioeconomy

Accelerating translation of research into full scale biotechnology applications.

BioYorkshire is a ten year plan to deliver a bold new green agenda.

Find out more at bioyorkshire.co.uk





Yorkshire based – encompassing north of England

Kickstarted by York & North Yorkshire devolution deal

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YORK & NORTH YORKSHIRE
DEVOLUTION

York North Yorkshire



 BioYorkshire

1st August 2022

Supported by



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BioYorkshire's key aims



Powering the economy

- Adding around £1.4bn in GVA to the UK economy
- Supporting existing industry and new small businesses
- Creating 4,000 jobs across Yorkshire and the UK



Improving the environment

- Driving a new era of bio-manufacturing and sustainable farming
- Reducing 2.8 million tonnes of CO₂e annually carbon emissions
- Reducing UK waste to landfill by 1.2 million tonnes per year



Boosting innovation

- Transforming the UK's bioeconomy, bringing together world class research, translation facilities, a network of specialised business incubators, and training, skills and entrepreneurial support
- Creating and growing companies to commercially produce the industrial and consumer products from the research

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BioYorkshire in practice

BioYorkshire Innovation & Skills Central

Suite of world-leading science infrastructure and training for bioeconomy entrepreneurs and innovators including:

- globally recognised research institutes
- scale-up and demonstrator facilities
- bioeconomy skills and training centres

BioYorkshire District Incubator Hubs

Providing affordable business incubator facilities embedded in communities across coastal, rural and urban breadth to support entrepreneurs, micro-businesses and SMES to start up or scale up

BioYorkshire Accelerator

Providing advice, expertise, networks and promotional opportunities for businesses across the region, accelerating the deployment of bioeconomy innovations right through from development to commercialisation

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Net zero food production, farming and wider land use practices



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Profitable bio-based production of chemicals, materials and fuels



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*At the heart of the UK's Bioeconomy
Connecting chemicals, manufacturing, agriculture based industries,
Government, academia and the funding agencies*

**OUTSTANDING BIO-BASED
RESEARCH
TRAINING & EDUCATION
CLUSTER OF FOOD,
AGRICULTURAL, CHEMICALS,
ENERGY AND UTILITY
INDUSTRIES
NATURAL CAPITAL
CONNECTIVITY TO HUMBER
& TEES CHEMICAL CLUSTERS**

**INVESTMENT:
DEVOLUTION DEAL
PUBLIC SECTOR
PRIVATE SECTOR**

**NET ZERO
LEVELLING UP
GREEN RECOVERY
UK SCIENCE SUPER POWER
ECONOMIC RESILIENCE**

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What happens next?

2022

Devolution Deal announced 1st August – BioYorkshire part of Deal
Working Group – UKRI, IUK, NYCA, UoY, Fera, Askham Bryan + Partners
Ongoing growth of activity pipeline
Industrial Advisory Group in place

2023

Act of Parliament to establish new authority – Y&NY

2024

Mayoral elections



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