

National Brownfield Institute & Green Innovation Corridor

Presentation to Economy and
Growth Scrutiny Panel

September 27th 2023

National Brownfield Institute

- World-class research centre that provides the facility to develop modern methods of building through innovation and partnership with the construction industry.
- Focusing on the practical application of future brownfield regeneration and remediation through the work of research teams, leading policy development and commercial services.

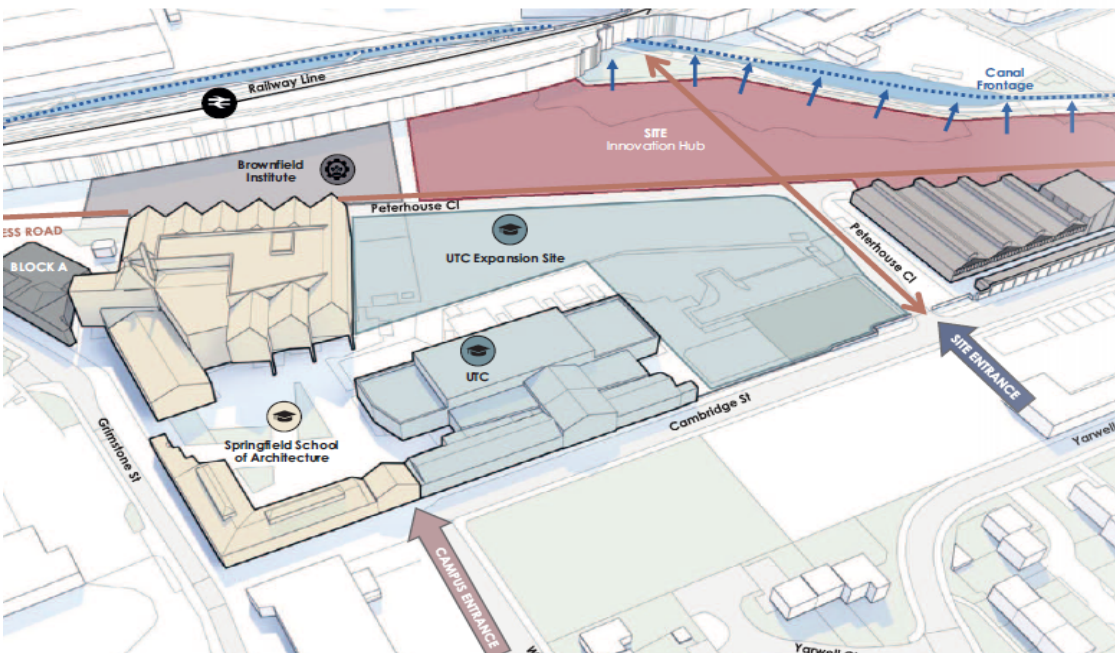


Why is it important?



- Part of the ‘Green Innovation Corridor’ (GIC) – a key part of our economic strategy
- GIC a key catalytic project in ‘levelling up’ our city
- Strategic partnership with the University of Wolverhampton

NBI Location and Background



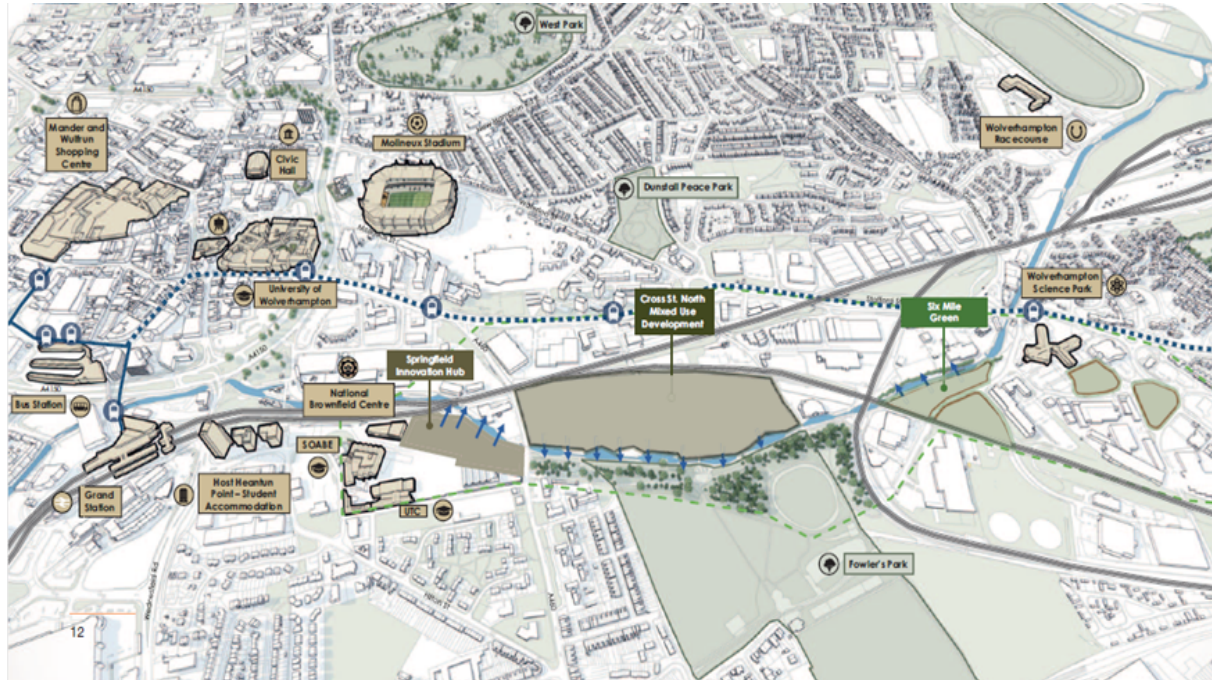
National Brownfield Institute (NBI)

- Situated within the University of Wolverhampton (UoW) Springfield Campus; a £120 million project transforming a 12-acre Grade II listed former brewery into an architecture and built environment super-campus which also accommodates:
- The West Midlands University Technical College (WMUTC) providing educational opportunities for 14-19 year-olds with a focus on construction and the application of ICT in the built environment;
- Elite Centre for Manufacturing Skills (ECMS) providing training, short courses and apprenticeships in advanced manufacturing sectors of metal forming and casting
- University of Wolverhampton School of Architecture and Built Environment (SoABE) increasing the number of highly trained professionals entering the construction industry and positioned to take up newly created IZ sector linked high value and high paid jobs
- National Centre for Sustainable Construction promoting green and sustainable construction practices

NBI Status

- The 2,200sqm, £18.5 million NBI facility officially opened on the UoW Springfield Campus in September 2022.
- Funded in part by £14.9m from Government Getting Building Fund, part of the Levelling Up programme in partnership with Black Country LEP and WMCA.
- Council indirect role in supporting the above funding applications to realise the strategic pipeline project.
- NBI works to develop modern methods of building through innovation and partnership with the construction industry focusing on brownfield regeneration and remediation.
- NBI functions as a hub that provides the facility to develop advanced skills, technologies and methodologies through innovation and partnership with the construction industry. With expertise in the latest thinking in brownfield remediation it functions as a centre for excellence leading policy development, research and innovation, and commercial services for brownfield regeneration and remediation, contributing to securing the Wolverhampton's position as a leader in sustainable construction and brownfield development.
- This is important to be able to deliver a wide-ranging package of local projects to be undertaken across the WM region on brownfield land at accelerated pace as these sites that have previously been perceived as too expensive and complicated to warrant redevelopment by mainstream developers / investors.
- Innovation in this area will make a positive impact on People and Place, delivering new skills, jobs, and opportunities for local people in the city and the region.

Green Innovation Corridor












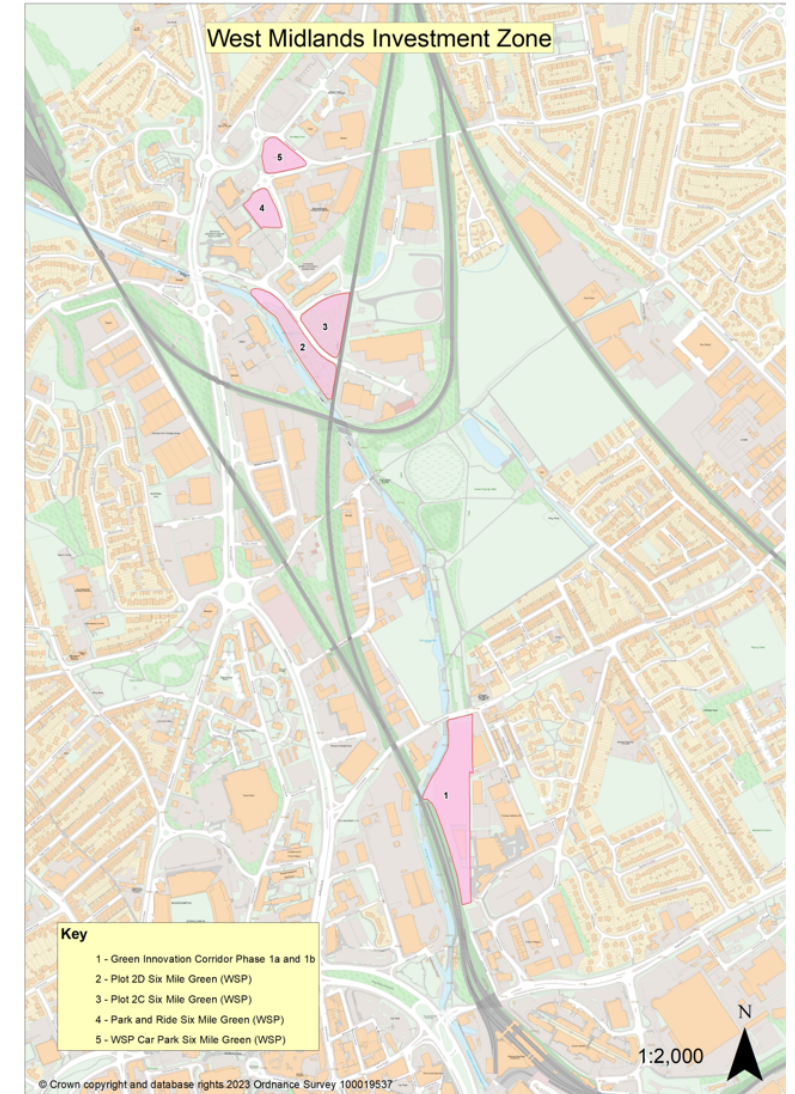
- Connecting Springfield through to the Science Park, and beyond to i54.
- One of the three sites in the West Midlands Investment Zone proposition to Government (with Birmingham Innovation Park and Coventry's Gigfactory).
- Focussed on advanced manufacturing.

Green Innovation Corridor / Investment Zone

- By April 2024 Government plan to establish twelve priority economic sector focused IZ's countrywide (co-developed with Local Authorities and Universities)
- Each IZ will benefit from £80m (tax incentives and grant) over 5 years plus Business Rates Retention (which support sector).
- West Midlands IZ is being co-developed with DLUHC, WMCA and Local Authority and Universities input advancing 3 sites which contribute to advanced manufacturing / green industries priority economic sector based on the HUB (tax site 250ha Coventry giga park) and SPOKES (non tax sites Birmingham Innovation Quarter and Wolverhampton GIC) model.
- Wolverhampton's IZ proposition for tax incentives and flexible capital and revenue spend includes GIC sites adjacent to the National Brownfield Institute at Springfield Campus and the University of Wolverhampton Science Park that help realise the below aspirations.

Green Innovation Corridor global outputs

<p>Jobs created</p>  <p>1,220 based on HCA employment density calculations</p>	<p>Canal towpath improvements</p>  <p>1.1 km</p>	<p>Benefit Cost Ratio</p>  <p>3:1</p>
<p>Area of Brownfield Site Regenerated</p>  <p>6.4ha</p>	<p>New public realm</p>  <p>48,250m²</p>	<p>Business assists</p>  <p>1000</p>
<p>Gross Investment</p>  <p>£225m</p>	<p>New commercial floorspace</p>  <p>22,762m²</p>	<p>Floorspace Rationalised</p>  <p>12,242m²</p>



Green Innovation Corridor links

- There are plans for new commercial innovation floorspace to be created on cleared land (3 acres) at Springfield Campus as part of the **Green Innovation Corridor (GIC) Programme** that is based on the concept of developing the assets to optimise commercial opportunities stemming from the **National Brownfield Institute**. GIC will provide opportunities for business growth and start-ups in response to demand for workshops, laboratories, offices and new commercial space around the epicentre of the National Centre for Sustainable Construction.

