



Building the Sizewell C Supply Chain

East Suffolk Forum

18th September 2023

www.sizewellcsupplychain.co.uk



Our Key Themes



Our Key Themes

Local

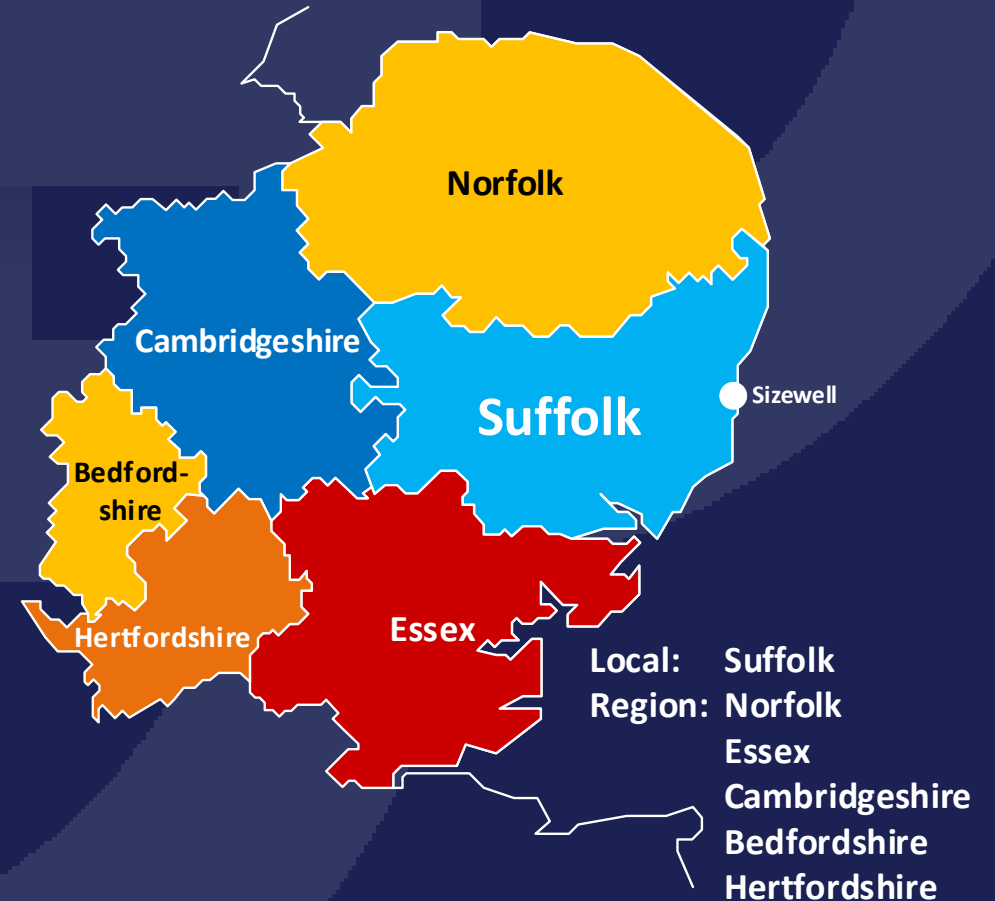
- Local jobs - Employing people from this region
- Local skills - Expanding & training of new and existing workforce
- Local opportunities – Projects on and off site across the region
- Joint ventures – Fostering Collaboration over competition

Legacy

- Positive and enduring impact for the area & region
- Building a business community fit for future growth
- Preparing Business for large infrastructure projects
- Increasing Diversity and Inclusivity in the workplace
- Improving health, wellbeing and community cohesion

Environment

- Contributing to the UK's 2050 net Zero ambitions
- Reducing environmental impact and promoting increases in biodiversity



£2.5bn

To be spent in the **North of England** during construction

£900m

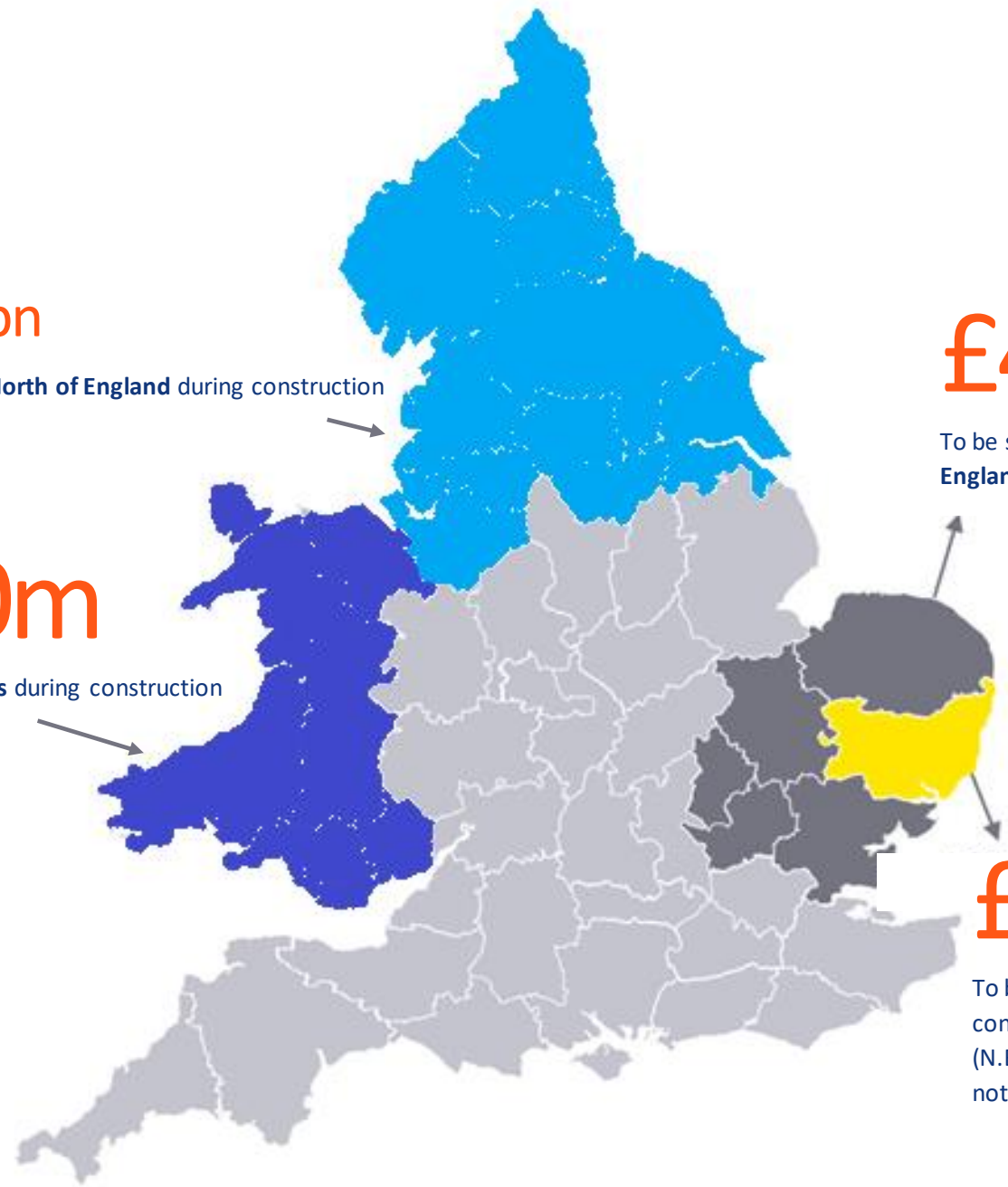
To be spent in **Wales** during construction

£4.4bn

To be spent in the **East of England** during construction

£2.0bn

To be spent in **Suffolk** during construction
(N.B. a subset of East of England, not additional)



Sizewell C

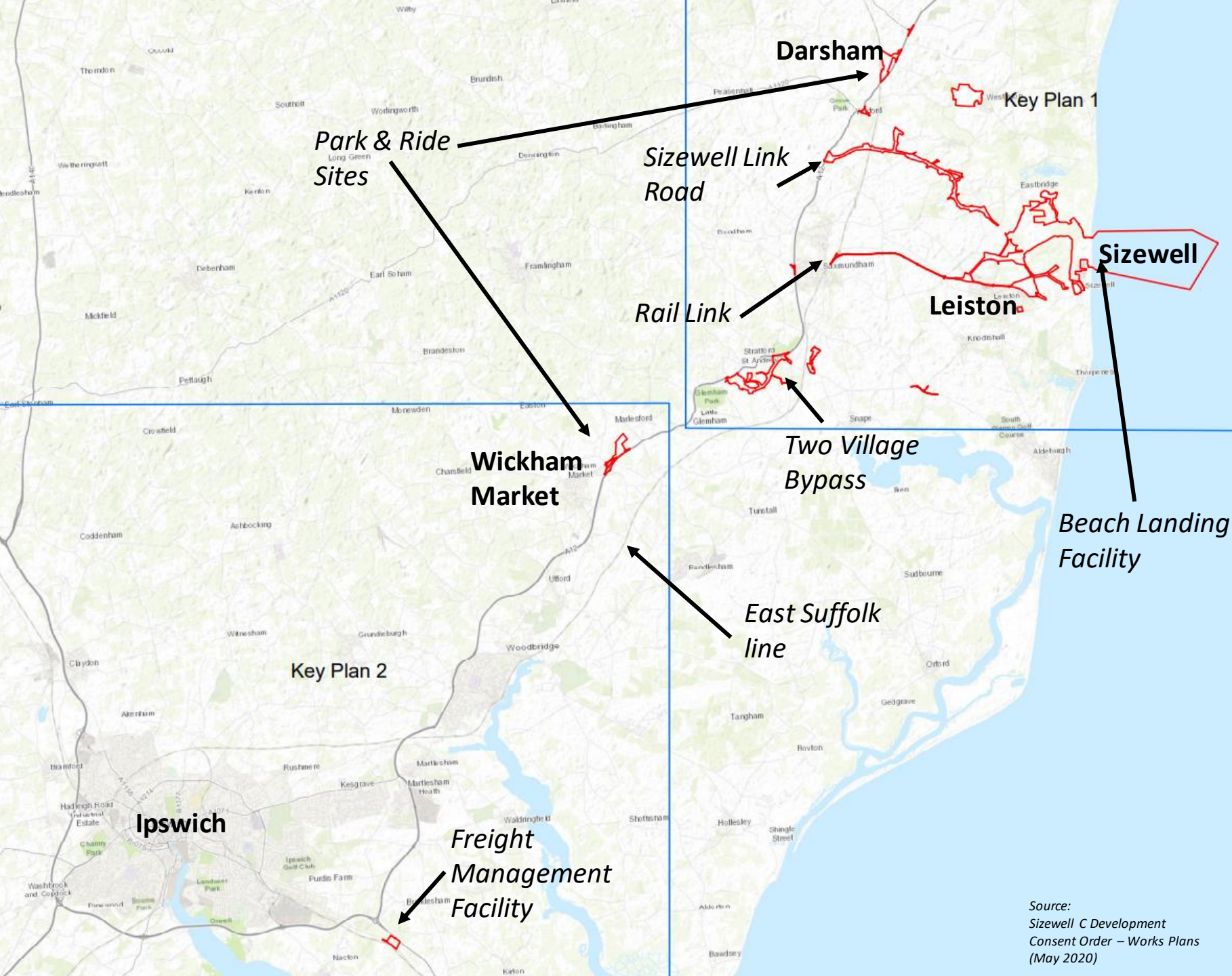
• The National Commitment

- Core commitments aligned to UK levelling up
- Future Nuclear supply chain focusing on GB Nuclear
- Partnerships and sharing of expertise
- Funnel for all regional engagement activities in the UK
- Huge % of spend in core regions



Transport Strategy

- Sustainable transport strategy
- 60% deliveries by sea and rail
- Demand management on roads: Freight Management Facility, Park and Ride sites
- Bypasses on A12 (Farnham and Stratford St Andrew and Sizewell Link Road)
- Accommodation Campus
- Approved routes to and from site



Source:
Sizewell C Development
Consent Order – Works Plans
(May 2020)



- The South Park and Ride (AD0120) on-site development and associated adoptable highways. The facility will be constructed on a 26.4 ha field at Wickham Market and entails:
 - 1,250 car parking spaces
 - 10 spaces for minibuses/vans/buses.
 - 80 motorcycle parking spaces.
 - Cycle shelters for 20 bicycles.
 - Bus terminus areas, including shelters.
 - Security fencing, entry/exit barriers, Lighting and CCTV
 - Amenity and welfare buildings, with toilets and staff room.



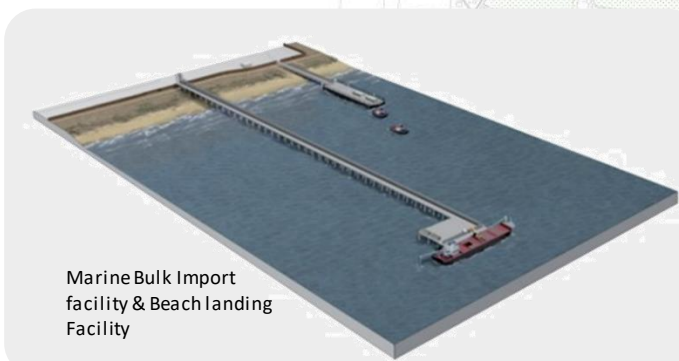
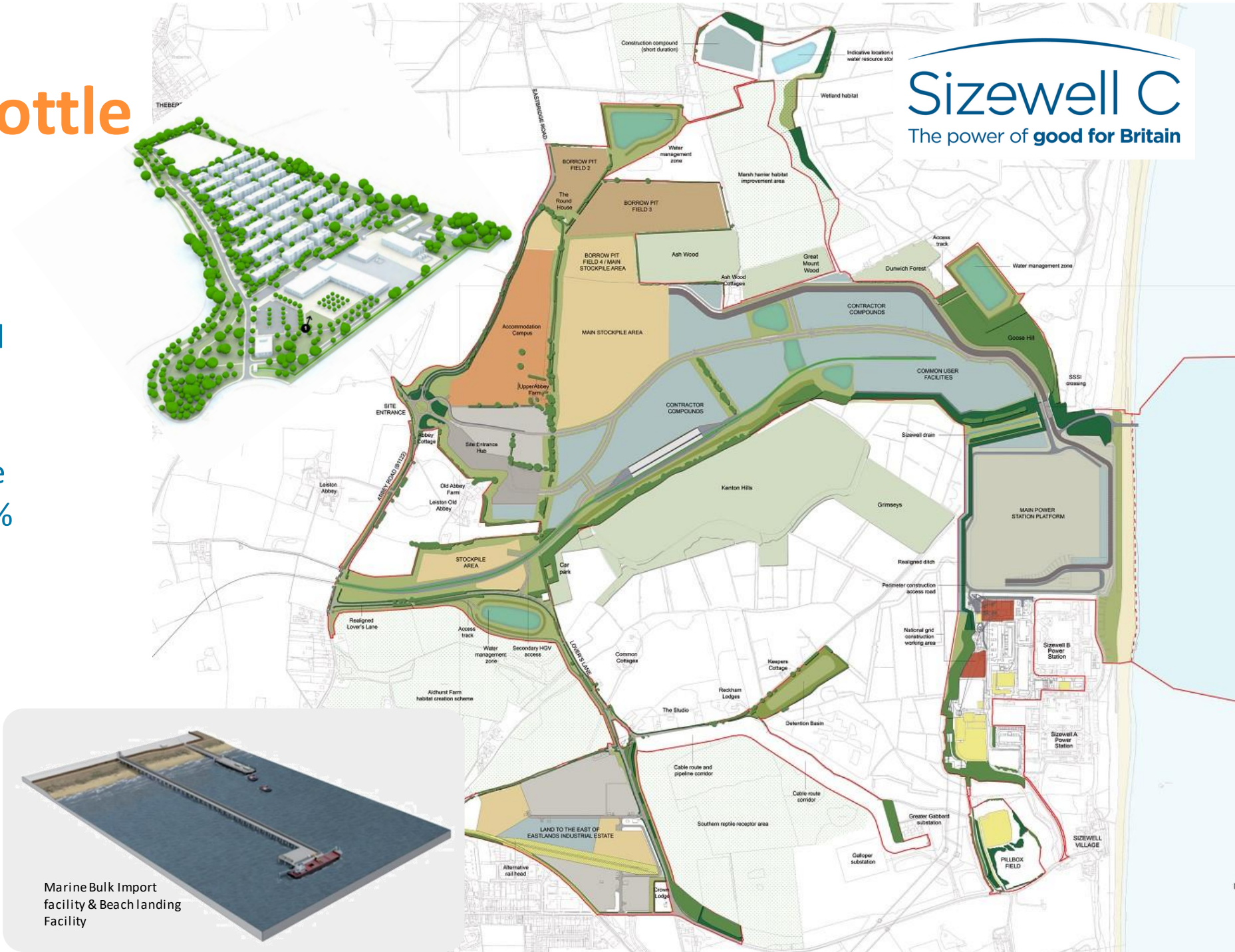
- The North Park and Ride (AD0110) on-site development and associated adoptable highways. The facility will be constructed on a 27.9 ha field at Darsham and entails:
 - 1,250 car parking spaces
 - 10 spaces for minibuses/vans/buses.
 - 80 motorcycle parking spaces.
 - Cycle shelters for 20 bicycles.
 - Bus terminus area, including shelters.
 - Security fencing, entry/exit barriers, Lighting, CCTV
 - Amenity & welfare buildings, with toilets & staff room.
 - 5% (63 spaces) for active EV charging and 35% passive provision

How will SZC be constructed

The ship in a bottle

- Sizewell C will take 10 – 12 years to build.
- Land to the north and west of the platform will be used during construction.
- Associated developments will deliver freight & people to the site sustainably - 60% via Rail and Sea
- 2410 bed campus with additional caravan parks
- 2 P&R sites with freight management and road/rail improvements

Sizewell C
The power of good for Britain



Marine Bulk Import facility & Beach Landing Facility



Methods of Support

How will we help you

- Intro's & Recommendations to Alliance and Tier 1's
- Nuclear Safety culture & practices
- Health & Safety and Compliance
- Contracting standards & requirements
- Funding and training
- Collaboration & JV's
- Innovation support
- Compete For & Chain Portal
- Social Value & ESG

Supply



Social Value

What does this mean?

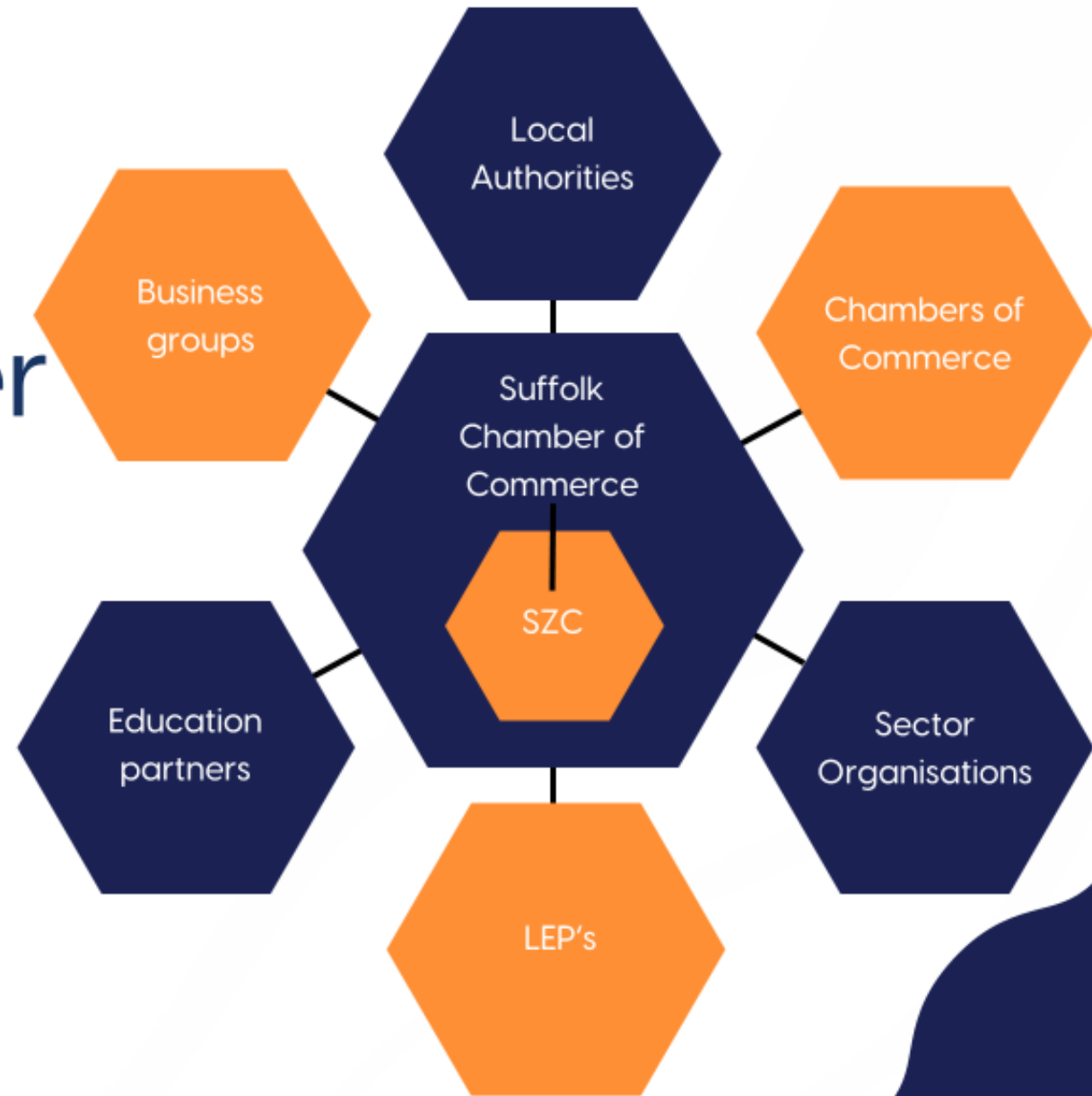
The local supply chain forms a key part of the projects strategic aims and the UK Governments wider social value alignment



The Supply Chain

Feeding in to Suffolk Chamber of Commerce

All sectors can be represented on this project. The vital action is to increase awareness and direct support through the correct channels



Supply Chain Portal

- Please visit www.sizewellcsupplychain.co.uk regularly for updates on the project.
- There you will also find useful background information about the nuclear sector, training, funding and business support.
- Registration is free and allows you to highlight the capabilities of your company to help us position you for relevant events and opportunities as they become available.
- Please make sure your registration is complete with up to date, so we can contact you for opportunities and our supplier matching activities as they arise.....
- Consistent engagement with the portal and our team is critical



The screenshot shows the homepage of the Sizewell C Supply Chain Portal. The header features the logo for 'SIZEWELL C SUPPLY CHAIN' with the tagline 'CONNECTING BUSINESS TO OPPORTUNITY'. To the right of the logo is a search bar labeled 'search the directory...' and a dropdown menu labeled 'Select a category...'. In the top right corner, there is a 'LOGOUT' button. The navigation menu includes links for 'HOME', 'ABOUT', 'WORK PACKAGES', 'NEWS', 'SUPPORT', 'EVENTS', 'FAQs', 'CONTACT', and a prominent orange 'UPDATE ACCOUNT' button. The main content area has a large heading: 'Connecting Business to Opportunity' followed by 'Sizewell C Supply Chain'. Below this, there is a news snippet: 'Plans to build Sizewell C received approval for their Development consent order in July 2022, and received Government investment decision in November 2022.' A paragraph follows: 'With work planned to start in 2023, the Suffolk Chamber of Commerce and Sizewell C are working together to engage with the local and regional businesses from across East Anglia to ensure that long term local benefits are felt from this nationally significant infrastructure project'. At the bottom, it says 'The Sizewell C Supply Chain Engagement team are here to support and guide local businesses,'. On the right side of the page, there is a large image of a woman in a white hard hat and an orange safety vest, looking to the right. Below this image is a smaller image showing a construction site with cranes and scaffolding.

Compete For

- Sizewell C opportunities will be advertised on CompeteFor
- To have access to tenders you must register on CompeteFor.
- Once registered, complete & publish your business profile to allow you to respond to opportunities.
- When logged in to CompeteFor, complete your email alert profile to keep up to date with opportunities that are relevant.
- Please find our helpful videos for setting up your business profile & email alerts - <https://www.competefor.com/video-guides/>

The screenshot shows the CompeteFor website interface. At the top, it identifies itself as the 'Official partner of CompeteFor' and 'The UK supply chain portal', with 'Login' and 'Register' buttons. The main banner features the 'Sizewell C' logo with the tagline 'The power of good for Britain' over a sunset landscape. A navigation bar includes 'Opportunities', 'Awardee Information', 'Project News', 'Events', and 'About'. On the right, a 'Latest 10 opportunities' section lists 'Project Delivery Organisation Subs Bench' with a deadline of 31/10/22 and a 'View all >' link. Below this is a 'View all opportunities' button. The main content area contains three informational blocks: 1) A paragraph describing Sizewell C as a landmark project to build two EPR nuclear reactors on the East Coast of Suffolk, England, with a capacity of 3,260 MWh. 2) A graphic stating 'SIZEWELL C IS A PROPOSED NEW NUCLEAR POWER STATION THAT WILL BE BUILT ON THE SUFFOLK COAST', which 'IT WILL SUPPLY POWER TO 6 MILLION HOMES AND GENERATE ELECTRICITY FOR 60 YEARS'. 3) A graphic stating 'SIZEWELL C WILL PROVIDE LOCAL JOBS, TRAINING AND EDUCATION BENEFITS', 'SIZEWELL C WILL SAVE 9 MILLION TONNES OF CO2 EMISSIONS EVERY YEAR OF OPERATION', and 'SIZEWELL C WILL TAKE 9-12 YEARS TO BUILD SUPPORT 900 PERMANENT JOBS'. A footer note states 'Sizewell C has a clear advantage: it is a follow-on'.

Official partner of **CompeteFor** The UK supply chain portal Login Register

Sizewell C

The power of **good for Britain**

Opportunities Awardee Information Project News Events About

Latest 10 opportunities [View all >](#)

Project Delivery Organisation Subs Bench
Deadline: 31/10/22 [More info](#)

[View all opportunities](#)

Sizewell C is a landmark project to plan, design and build two EPR™ nuclear reactors on the East Coast of Suffolk, England. It will deliver nuclear electricity at a cost that is competitive with other low-carbon sources and will generate 7% of the UK's energy, with a capacity of 3,260 MWh.

A dramatic reduction in carbon is required to meet the UK's 2050 Net Zero commitment. Nuclear power generation can play a key part in the UK's energy mix, providing affordable, reliable low-carbon energy. The development of Sizewell C offers a unique opportunity for the UK to take control of its future energy needs, help tackle climate change and power jobs and industry up and down the country.

Sizewell C has a clear advantage: it is a follow-on

SIZEWELL C IS A PROPOSED NEW NUCLEAR POWER STATION THAT WILL BE BUILT ON THE SUFFOLK COAST

IT WILL SUPPLY POWER TO **6 MILLION HOMES** AND GENERATE ELECTRICITY FOR 60 YEARS

SIZEWELL C WILL PROVIDE LOCAL JOBS, TRAINING AND EDUCATION BENEFITS

SIZEWELL C WILL SAVE 9 MILLION TONNES OF CO₂ EMISSIONS EVERY YEAR OF OPERATION

SIZEWELL C WILL TAKE 9-12 YEARS TO BUILD SUPPORT 900 PERMANENT JOBS



Sizewell C has vast potential:

The Energy Hub

- Produce **Low Carbon Hydrogen**, using heat to make electrolysis more efficient
- Capture significant amounts of carbon dioxide via **Direct Air Capture**
- Enable production of **Clean Fuels** for shipping and aviation
- Provide clean heat for industrial processes and for **District Heating**
- Cool **Data Centres** using nuclear energy
- Work with **Freeports** to provide clean heat and power
- Power **Desalination Facilities** to meet water requirements



- Sizewell C will deliver a net gain in local biodiversity of 19%.
- Sizewell has won awards for the biodiversity management of the estate.
- An independent environmental body will be set up to support rewilding and promote further biodiversity.
- The DoO package includes up to £100m for the environment, £78m of which is dedicated to enhancement through a new Environmental Body.
- Aldhurst Farm is 67 hectares of new habitat created by Sizewell C, benefiting a variety of wildlife as well as rare plants.

Indicative SZC Construction Timeline

