

Nuclear in the EAST OF ENGLAND

For over 60 years nuclear power has been at the heart of the East of England's energy landscape, the only place globally with live decommissioning, an operational reactor and a twin reactor new build programme. This unique combination underpins the East of England's critical role in the UK's nuclear future. We're building on these strengths to enable our communities to benefit from nuclear power for generations to come.

These include:

- Developing a nuclear **operations and maintenance** (O&M) cluster, centred around operational reactors at Sizewell, Suffolk
- Building capacity and capability locally to support **nuclear new-build** through the Sizewell C Supply Chain and Sizewell C Consortium
- Facilitating the creation of a permanent **outage** supply chain, able to win contracts locally and nationally
- Creating an environment which fosters **innovation** and commercialisation in nuclear O&M
- Supporting **decommissioning** expertise, based on expertise gained at Sizewell A, able to operate nationally and internationally
- Collaborating with further and higher education providers to ensure a comprehensive approach to **skills and workforce development**
- Leveraging our technical specialisms and infrastructure including Freeports in the East, to realise **Small Modular Reactor** (SMR) opportunities in the region and globally
- Advancing an **energy 'supercluster'** building on strengths and expertise in nuclear, offshore wind, low carbon hydrogen, solar, gas, and carbon capture & storage

Our Aim: To develop a **Nuclear East** cluster, bringing together our strengths in operations, new build and decommissioning, positioning the East of England as a centre of nuclear excellence, nationally and internationally.

Sizewell B

Since 1995 Sizewell B (SZB) has generated 258 TWh of zero carbon electricity, powering 2.5 million homes.

Employing 520 full time staff and 250 full-time contract partners, SZB brings £40 million into the local economy annually, and an extra £30 million in an outage year, when the workforce grows by 1,000 additional people.

Plans are afoot for a 20-year extension to the operational life of SZB, presenting significant economic opportunities for the nuclear supply chain.



Sizewell C

Construction of Sizewell C (SZC) will deliver considerable economic, social and environmental benefits to Suffolk, the East of England and the UK.

The project will support 70,000 jobs during construction, including 7,900 in Suffolk during 'peak' construction, and 1,500 apprentices.

When operational, SZC will employ 900 permanent people, providing 3.2 GW of low carbon electricity, enough to power 6 million homes.

The SZC Skills Charter with ECITB, CITB, SZC and local councils, is a first-of-a-kind partnership supporting skills development across the nuclear and construction sectors.



Bradwell B

Bradwell B is a proposed 2.2 GW nuclear power station which could power up to 4 million homes, bringing billions of pounds of new investment into Essex, the East of England and the UK.



Sizewell A

Sizewell A ceased generation in 2006 after 40 years of operation, defueling was completed in 2014. The demolition of most of the site's buildings will continue until the mid-2030s

Decommissioning activities and ongoing site care and maintenance phases continue to provide supply chain opportunities and jobs in the East of England.



About



GENERATE is a partnership between the county councils of Norfolk, Suffolk and Essex, Great Yarmouth Borough Council and East Suffolk Council.

GENERATE's mission is to present and profile the East of England's energy capabilities and investment opportunities to attract investment, create sustainable jobs and realise the energy opportunity in our region.

HOW CAN GENERATE HELP?

GENERATE provides inward investment information and signposting to businesses relating to:

- Available land and premises
- Grants and sources of funding
- Innovation support and networks
- Skills initiatives and workforce profiles
- Energy supply chain capabilities
- Energy infrastructure projects portfolio
- Local government contacts and support



GENERATE



EEEGR is an industry-led membership organisation representing the energy sector in the East of England.

With over 200 members EEEGR is a key voice for the whole energy sector, putting the region and its expertise on the radar of major international players and influential politicians at local, regional, and national levels.

BENEFITS OF EEEGR MEMBERSHIP

- Member-to-member introductions
- Hosting of large-scale industry events
- Representation at industry events
- Networking and supply chain events
- Exclusive member networking breakfasts
- Raising your company profile via sponsorship opportunities
- Lobbying key local decision makers through our Energy Sector Councils
- Media representation
- Business development and marketing support
- Helping to inspire the future energy workforce through EEEGR's Skills for Energy program



EEEGR



The SZC Supply Chain, established by Suffolk Chamber of Commerce, is tasked with connecting local and regional businesses to opportunities to help deliver the SZC construction project.

The Suffolk Chamber team is actively capturing the essential details of businesses in Suffolk and the region, mapping core capabilities against project requirements.

Already engaged with over 2800 businesses, the team can expertly match suppliers with SZC and Tier 1 contractor work package requirements, effectively streamlining the supply chain process.

The Suffolk Chamber team is using their expertise to broker relevant business support services that assist suppliers in meeting quality and safety standards.

By providing this extensive range of support services, the Suffolk Chamber team is helping to enhance the local and regional business community's involvement in this critical project.



Suffolk Chamber
of Commerce

Sizewell C
Consortium

The Sizewell C Consortium is a group of over 200 leading nuclear supply-chain companies and organisations from every corner of the country, ready to deliver one goal: getting SZC built for Britain without delay.

From scientists, to welders, builders, manufacturers, caterers, coders and more - Sizewell C Consortium businesses represent the wide array of suppliers, jobs and skills that will be needed to build and operate SZC.



Sizewell C
Consortium