SUMMER 2020

SIZEWELL C

LATEST NEWS

Sizewell C planning application accepted for examination

- Thousands of highly skilled jobs
- Contracts for local companies
- Reliable low carbon electricity for Britain

SizewellC
Doing the power of good for Britain

EDF CGN

A POSITIVE MILESTONE FOR THE EAST OF ENGLAND

After years of public consultation, the planning application for Sizewell C has been accepted for examination by the UK's Planning Inspectorate.

This vital new nuclear power station will create thousands of skilled jobs and business opportunities. The project will be a welcome boost to the recovery of the East Anglian economy as we emerge from the Coronavirus pandemic.

As that recovery unfolds, demand for electricity will rise again and Sizewell C will play a central role in Britain controlling its energy supply and reducing the need to import electricity from abroad.

The two reactors at Sizewell C will be capable of generating enough low carbon electricity to supply over six million homes, while avoiding around nine million tonnes of carbon emissions every year, whatever the weather.

Britain has committed to eliminating harmful carbon emissions by 2050. This goal is referred to as 'Net Zero'. To achieve it we need to stop using polluting fossil fuels, such as coal and gas, while increasing generation from renewables and nuclear.

Sizewell C would provide dependable baseload electricity which, along with renewables such as wind and solar energy, will support the growth of the future low carbon economy.

The construction of a new nuclear power station is a lengthy process and, as with all building projects, we will need to manage impacts on local communities. Sizewell C will be built and operated with sensitivity and respect to the local environment. Our proposals aim to leave a positive legacy which will include a net gain in land for wildlife.

Our planning application assesses issues such as noise, air quality, visual impacts and traffic, and sets out in detail how we will avoid, reduce or manage potential effects on local communities and wildlife. We have announced 11 pledges to the local community about how we intend to reduce the impact of construction on our neighbours and maximise the benefits for Suffolk.

This newsletter features those pledges and summarises the important information about the application. The application is for a Development Consent Order which will give planning permission to build Sizewell C. It was ready in March but we made the decision to delay due to the public health crisis. You now have the opportunity to read the application and send your views to the Planning Inspectorate.

During four stages of formal public consultation between 2012 and 2019 we engaged with over 10,000 local people and community groups. I would like to thank everyone who came to our exhibitions and meetings, listened to our proposals and gave us invaluable feedback. East Suffolk residents have helped us to put together a better plan than the one we started with.

Julia Pyke,
Nuclear Development Director, Sizewell C

READ ON TO FIND OUT MORE ABOUT:

THE BIG PICTURE	P3	MADE IN BRITAIN	P10
OUR PLEDGES TO THE COMMUNITY	P4	THE LOCAL ENVIRONMENT	P12
SIZEWELL C: THE FACTS	P5	TRANSPORT	P16
ACCOMMODATION	P7	THE LOCAL COMMUNITY	P21
THE LOCAL ECONOMY	P8	WHAT NEXT?	P23

THE BIG PICTURE: WHY NUCLEAR, WHY HERE AND WHY NOW?

WHY NUCLEAR?

We have a legacy of nuclear power on the Suffolk coast, it is vital to achieving 'Net Zero' carbon emissions, and it is affordable.

Sizewell B's 25 years of operation has prevented 76 million tonnes of carbon dioxide being pumped into the atmosphere. The station employs 750 people and contributes over £40 million to the local economy annually.

EDF owns over 600 hectares of the Suffolk Coast and Heaths Area of Outstanding Natural Beauty. We have made the land publicly accessible, kept it well maintained and have been good stewards of the landscape, wildlife, flora and fauna.

The nuclear sector has been good for East Suffolk economically and environmentally. We want to continue that legacy.

Achieving Britain's challenging 'Net Zero' carbon emissions target by 2050 requires us to generate more low carbon electricity. Sizewell C will be an essential part of the base-load needed to get to 'Net Zero' – whatever the weather.

The UK Government will determine how the station's construction will be financed. Significant investment is required to build nuclear power stations – but in operation nuclear is one of the most affordable large scale, low carbon energy sources in the UK.

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 CO_2 EMISSIONS EVERY YEAR OF OPERATION

SIZEWELL C WILL TAKE 9-12 YEARS TO BUILD

SUPPORT 900 PERMANENT JOBS

SIZEWELL C WILL HELP TACKLE CLIMATE CHANGE

BY PROVIDING DECADES OF RELIABLE, LOW CARBON ELECTRICITY

To meet our climate change challenge and help the post-coronavirus recovery, we need Sizewell C

WHY HERE?

Land immediately to the north of Sizewell B was identified by the UK Government as a potentially suitable site for a new nuclear power station over a decade ago. Through years of consultation with expert engineers and scientists, technical analysis and environmental assessments, we know the site is wholly suitable for the two-reactor power plant we will build. It is located on a stable part of the Suffolk coast. Four pylons will be built on the Sizewell C station platform connecting to existing infrastructure so there will be no need for the construction of more pylons in the surrounding countryside.

WHY NOW?

The UK is planning for an economic recovery following the COVID-19 pandemic. Electricity demand will rise and Britain will still have to deal with a looming energy gap. Nuclear power stations generate around 20% of our total electricity and are essential for keeping the lights on. Several are coming to the end of operation and we need to replace them.

We want to create jobs and skills opportunities for young people in Suffolk and well paid, skilled employment in the low carbon energy sector.

OUR PLEDGES TO THE LOCAL COMMUNITY

In this newsletter we will provide a summary of the very detailed planning application.

The proposals are the product of years of research, technical and environmental assessments and public consultation.

If you are new to the project, this newsletter will help clarify some of the following pledges. These pledges address some of the concerns and aspirations about Sizewell C raised by thousands of local residents and organisations. They represent the principles and practices the Sizewell C Project will abide by.

Sizewell C will do the power of good for Suffolk and for Britain. It will be an essential part of the country's energy mix. We are committed to delivering its low carbon power as soon as we can to help tackle climate change in a way which helps the energy system stay affordable for consumers. Within this context these are our pledges to the communities in east Suffolk.

Leiston Big Weekend 2018.

WE PLEDGE TO:

- Minimise disruption to local communities during the construction of Sizewell C.
- Invest in local employment, education and skills. This includes an aim to enable 1,000 apprenticeships.
- Support the growth of the local economy. This includes measures to support local firms in gaining work on the project.
- Transport 40% of construction materials by rail and sea, significantly reducing the number of Sizewell C HGVs on local roads.
- Respect the Suffolk heritage coast and minimise impact on RSPB Minsmere, National Trust Dunwich Heath and Leiston Abbey.
- Return the temporary construction area to a standard befitting the AONB following construction.
- Remove the accommodation campus and caravan site, the park and ride sites, the rail extension of the Saxmundham to Leiston branch line and the freight management facility following construction and restore the land.
- Support the Suffolk coast tourism sector to offset impacts from construction through the provision of a Tourism Fund.
- Provide a comprehensive 24/7 onsite occupational health service for workers, a healthcare contribution and a Public Services Contingency Fund.
- Require all workers to sign a Worker Code of Conduct and enforce it – as we have done successfully at Hinkley Point C.
- Enhance the economic, social and environmental wellbeing of local communities through the provision of a Community Fund.

SIZEWELL C: THE FACTS

Sizewell C will be the second nuclear power station built in the UK this century. Like Hinkley Point C (HPC) in Somerset, it will comprise two EPR reactors.

LESSONS LEARNED

We are learning lessons from HPC which will benefit the Sizewell C Project and reduce costs. The Sizewell C platform is approximately 33 hectares. During construction, we will use 254.65 hectares of land to the north and west of the site for a temporary construction area. After the station is built, this land will be returned to heathland and open countryside.

We will finance a Funded Decommissioning Plan (FDP) to cover the costs of clearing the site at the end of Sizewell C's 60 years of operation.

THE REACTORS

The EPR is a proven technology, with an operating station in Taishan, China generating more than 3GW of electricity.

The reactors are cooled by water, similar to the reactor at Sizewell B.

The EPR is one of the most modern reactor designs in the world and has met the safety requirements of the UK's nuclear regulator.

Sizewell C will generate 3.34GW electricity. This would help to fill almost 7% of the forecast gap in future electricity supply.

For more information on the power station and the management of spent fuel, please visit **Sizewellc.co.uk**

Computer Generated Image of the completed Sizewell C site.

DISTRIBUTING THE POWER

Four pylons on the Sizewell C station platform will connect cables to a National Grid substation. We explored laying cables underground, but after analysis of the safety and engineering challenges, pylons are the safest solution.

Our approach is designed to reduce visual impact from key viewpoints in the area. From 8 July the landscape and visual impact assessment can be found at: **www.sizewellcdco.co.uk**

CONSTRUCTION

Prior to operation, Sizewell C will take 9-12 years to build, requiring a workforce of around 7,900 on the main site at the peak of construction. We are aiming to begin construction in 2022, meaning the peak years would be around 2027-28.

To deliver the freight, equipment and people to the site as sustainably as possible, we will need to build some temporary associated developments like park and ride facilities on the A12 and an accommodation campus on the construction site.

Toward the end of construction, these temporary associated development sites will be returned to agricultural use.

All of the associated development and infrastructure we have proposed in the DCO application are designed to limit the impacts of the peak construction period.

ACCESS TO SIZEWELL C

The following permanent development will allow access to the Sizewell C platform from road and sea throughout the station's operation:

- A new access road from a roundabout on Abbey Road (B1122) just to the north of Lover's Lane, which will lead to a crossing over the Sizewell Marshes SSSI and on to the Sizewell C station platform.
- A Beach Landing Facility (BLF) which will be used during construction for sea deliveries. The platform can be removed and stored on site, so it will be retained after construction for very occasional use during operation and decommissioning.

Sizewell C construction area

Key

- Temporary construction area (254.65 Ha)
- Sizewell C main site
- Sizewell Link Road (B1122 Bypass)
- Leiston Branch Line extension
- Exisiting Leiston Branch Line

Niki Rousseau, Community Liaison Manager at Sizewell B.

Niki went to Leiston High School and Lowestoft College before she started working at the start of the construction of Sizewell B. She is the plant's longest serving employee.

Niki said: **"**The opportunities throughout the time from construction through to operation have been abundant. It has been amazing to be part of a sector that grows and nurtures talent. Through our mentoring programme I have been able to go 'back to school' to encourage young people, particularly girls, to think about a career in science. I have enjoyed sharing my experiences and how my learning journey started exactly where they are now.**"**

ACCOMMODATION FOR NON-HOME-BASED WORKERS

We aim to have as many local workers as possible and our assessments indicate around a third of the workforce will be living at home and commuting to work at peak construction. The majority of them will drive to temporary park and ride sites on the A12 for their ongoing journey to site by bus.

During construction, our demand for labour will exceed local supply so some workers will move from outside the area and seek temporary accommodation. Our accommodation strategy seeks to strike a balance between the economic benefits of workers using local private rented and tourism accommodation and avoiding adverse impacts due to too much demand. Our proposals include:

- An accommodation campus with 2,400 beds in self-contained en suite rooms behind the security fence of the main development site.
- A secure caravan site with up to 400 pitches, equivalent to 600 bed spaces on land east of Eastlands Industrial Estate in Leiston.
- A Housing Fund to support the local housing market during the construction phase.

Locating the campus on the main development site will offer construction efficiencies and cut down on potentially thousands of individual car journeys through Leiston and surrounding villages during construction.

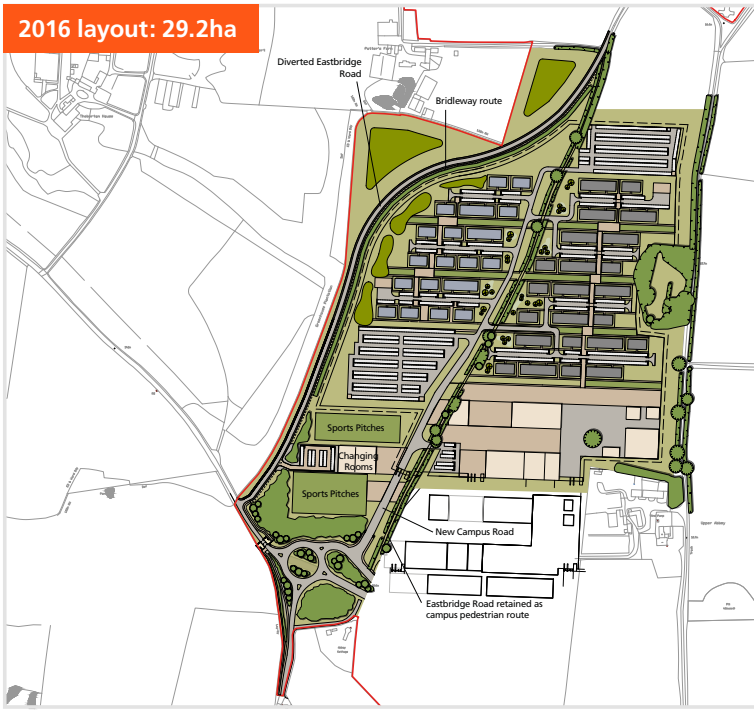
Workers living in the campus will have access to all the facilities they need, including recreational areas, a gym, restaurant, bars, a laundry service and a shop.

It will be totally separated from nearby Eastbridge. No one will be able to enter the campus without a security pass and the only access will be via the site entrance to the south. The perimeter around the campus will be landscaped.

The campus design has changed as a result of public consultation. The development area has been reduced by a third and is now located only to the east of Eastbridge Road and all five-storey buildings have been removed. The sports pitches have been moved off site.

Once Sizewell C is built, we will remove both the campus and caravan site and restore the land.

2016 layout: 29.2ha



DCO submitted layout: 19.1ha

SIZEWELL C AND THE LOCAL ECONOMY

After construction, 900 highly skilled staff will operate Sizewell C. At least £125 million per year will enter the local economy during construction and £40 million per year during the 60 years of operation. This means more jobs and opportunities for local people to train, learn new skills and develop a sustainable career.

Our priority is helping local communities get ready for the opportunities from Sizewell C. Many people who responded to our consultations stated that young people must have access to the benefits the project will create. As a result, we are stepping up our work with local education and training providers.

SKILLS AND EDUCATION

We are working with schools and colleges and in Suffolk, training providers, local universities and businesses through the Suffolk Chamber and New Anglia Local Enterprise Partnership (LEP) to ensure that the right training and education is available across East Anglia.

We have started a number of programmes at local schools to raise the profile of engineering, construction and energy as potential career paths for young people. Examples include 'science in a box', which is designed to provide a challenging science-based project for lessons, and supporting Suffolk County Council's 'I Can Be A', which explores local career opportunities.

As part of the post-coronavirus recovery, Sizewell C is a project that will create employment and help Britain in an economic revival that leads to a 'Net Zero' future. We will work with the region's career advice services to provide guidance and help to engage, inspire and inform students, parents and teachers about the opportunity and pathways into jobs at Sizewell C and the wider green economy.

Sizewell C has partnered with local charities Inspire Suffolk and Access Community Trust to ensure people in the Leiston, Saxmundham, Ipswich and Lowestoft areas can access the thousands of jobs and apprenticeships that Sizewell C will create.

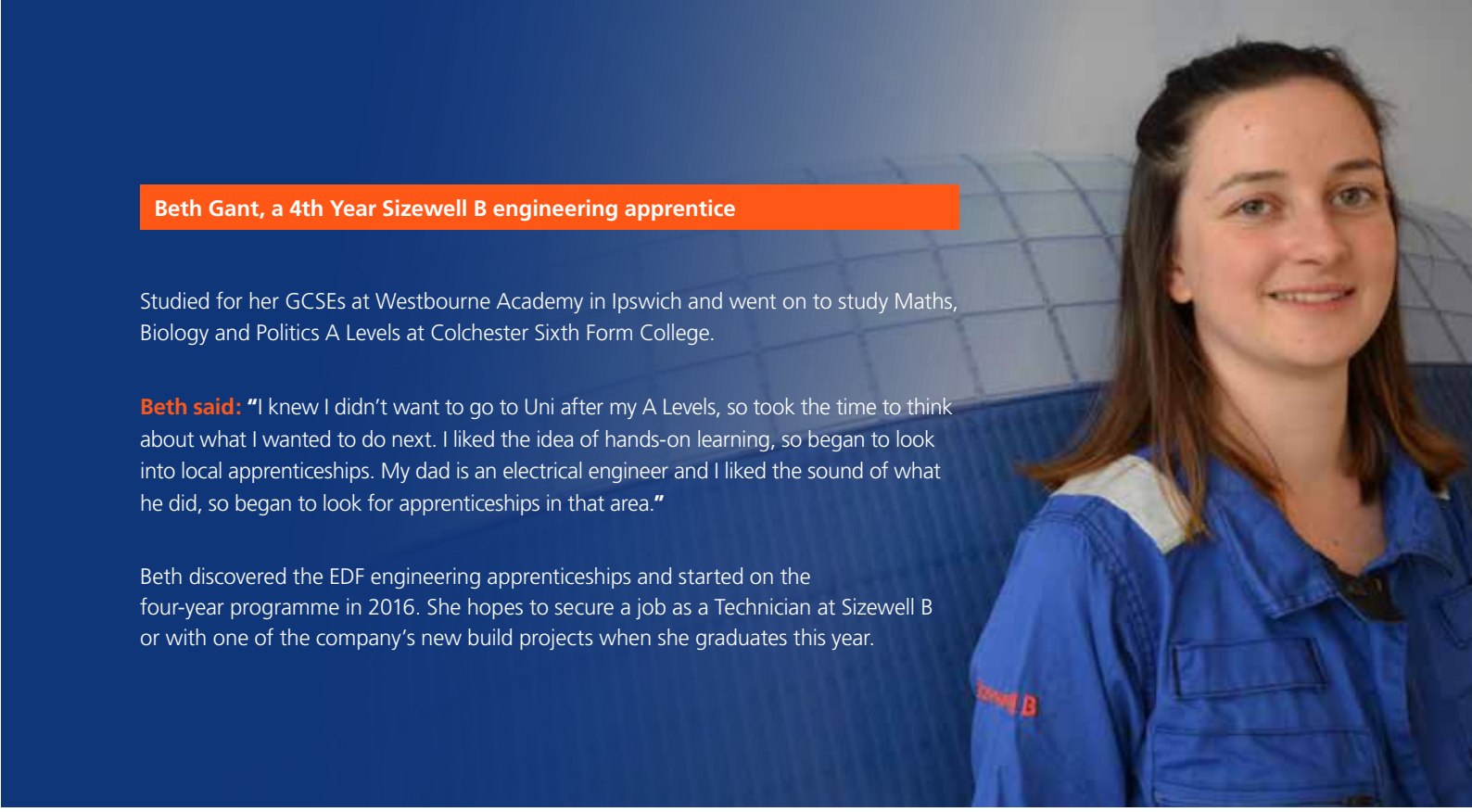
The partnership has opened a new community hub in Leiston, offering a Youth Employment Service. This is jointly funded with East Suffolk Council.

EDF's investment is enhancing services in similar hubs at Ipswich, Saxmundham and Lowestoft. These hubs provide education, mental health, employment and housing support, work readiness training, work experience and schools outreach. The hubs are also places where job-seekers and young people can find out more about working at Sizewell C.

This partnership is an example of how we will work to create clear pathways into jobs (both for the project and wider economy) for anyone just out of education, who is unemployed or seeking a career-change, and those who may not have been able or been inspired to access employment in the past.

For more information see page 21.

Suffolk Skills festival 2019, Brer Cornish, one of Sizewell B's apprentices, shows pupils the virtual tour of the Sizewell C site.



Beth Gant, a 4th Year Sizewell B engineering apprentice

Studied for her GCSEs at Westbourne Academy in Ipswich and went on to study Maths, Biology and Politics A Levels at Colchester Sixth Form College.

Beth said: "I knew I didn't want to go to Uni after my A Levels, so took the time to think about what I wanted to do next. I liked the idea of hands-on learning, so began to look into local apprenticeships. My dad is an electrical engineer and I liked the sound of what he did, so began to look for apprenticeships in that area.**"**

Beth discovered the EDF engineering apprenticeships and started on the four-year programme in 2016. She hopes to secure a job as a Technician at Sizewell B or with one of the company's new build projects when she graduates this year.

Our priority is helping local communities get ready for the opportunities from Sizewell C

EMPLOYMENT

The jobs we need at Sizewell C will depend on the different phases of construction. The project requires and will create a variety of skilled, quality careers in engineering, logistics, management and support services throughout the decade of construction.

We have already taken on apprentices and paid interns. Our apprentices are gaining invaluable work experience at Hinkley Point C and will begin working at Sizewell C once they have completed their training. Students from the University of Suffolk and University of East Anglia have also been working with the Sizewell C legal team.

TOURISM

During the public consultation, we worked with tourism partners in the area and commissioned a survey to understand more about the local tourism economy, how visitors to the Suffolk coast view the construction of Sizewell C, how it might change the way they visit the area, and what we can do to help maintain the Suffolk coast as an important tourism destination during construction.

The response showed that the majority would still visit Aldeburgh, Southwold and others towns and villages on the heritage coast. To encourage people to continue visiting the Sizewell area, we are setting up a Tourism Fund. The fund will market and promote the Suffolk coast and the attractions within it. It will support local projects, particularly within the AONB. This will help us make sure the *whole* Suffolk coast is – and is seen to be – open for business.

MADE IN BRITAIN

3,000 UK companies, including nearly 700 East Anglian firms, built Sizewell B during the 1980s and up to 1995.

We want to continue the tradition of British companies, especially those from the East of England, winning contracts to work on the construction of our next new power station, Sizewell C.

While we are benefitting from the experience of building Hinkley Point C (HPC), we do not intend to 'lift and shift' the entire supply chain from the South West to the East of England.

EDF has a proven track record of investing in British suppliers. HPC is halfway through construction. The latest project figures show:

- £1.7 billion worth of contracts with more than 1,100 South West companies.
- More than 10,000 jobs have been created.
- 640 apprentices have been recruited.
- £11 million to local community projects to date.
- 64% of the construction budget spent with UK companies.

This shows what we can achieve at Sizewell. East of England companies are also involved in the Hinkley Point C supply chain, so far winning contracts worth over £900 million. These companies are well placed to win contracts for Sizewell C.

Over 1,400 East Anglian companies are registered on the Sizewell C online supply chain portal: **www.sizewellcsupplychain.co.uk**

The portal is a product of the partnership between Suffolk Chamber of Commerce and EDF. When invitations to tender for contracts are announced, this is the place where they are posted.

The Chamber has a team dedicated to preparing East Anglian companies for opportunities at Sizewell C.

For more information contact Gareth Davies, Head of Sizewell C Supply Chain Engagement: gareth@suffolkchamber.co.uk

Julia Pyke with Trade Union leaders at Sizewell B.

East of England companies have won Hinkley Point C contracts worth over £900 million

EDF CEO Simone Rossi with Graham Abbey, former President of the Suffolk Chamber of Commerce, and John Dugmore, CEO of Suffolk Chamber of Commerce.

John Dugmore
CEO, Suffolk Chamber

John: "Sizewell C is a huge opportunity for Suffolk companies of all sectors and we are working hard through the Sizewell C supply chain website to make sure they reap the benefits. Suffolk Chamber of Commerce supports this crucial project, both in terms of potential business opportunities and the skills boost."

Emma Ratzer
CEO, Access Community Trust

Emma: "We have been working over the past few years with fifth generation worklessness and Sizewell C offers our communities and families the opportunity to find solutions to some of their employment issues."

Stuart Rimmer
CEO and Principal, East Suffolk College

Stuart: "The college has witnessed the amazing opportunities at Hinkley Point and has been encouraged by the industry-led college partnerships creating local skills infrastructure and driving local opportunities. We would expect and anticipate similar at the Sizewell C development."

Local companies are already working on the Sizewell C Project. Here are a few examples. There are many more across Suffolk and East Anglia - and we confidently expect the number of local companies working with us will grow and grow into the future.

1. **Spring** Southwold
2. **Pearch & Kemp** Halesworth
3. **NJB Contractors** Leiston
4. **Barnes Rosher** Saxmundham
5. **Kingtime** Aldeburgh
6. **Leiston Press** Leiston
7. **Conservation Works** Theberton
8. **Barry Day and Sons** Fressingfield
9. **Opergy** Lowestoft
10. **Sharps Redmore** Ipswich
11. **Micropress** Reydon
12. **Cefas** Lowestoft
13. **Birketts** Ipswich
14. **BoMoJo** Reydon
15. **Freedom Group** Stowmarket
16. **Dalcour Maclaren** Thetford

SIZEWELL C AND THE LOCAL ENVIRONMENT

The electricity generated by Sizewell C is needed for us to maintain our quality of life while tackling climate change. As our economy moves into recovery and more of our transport and heating systems are electrified, demand will increase.

Renewables such as wind and solar are intermittent sources of electricity generation. Battery technology is not yet affordable or developed enough to meet all our needs.

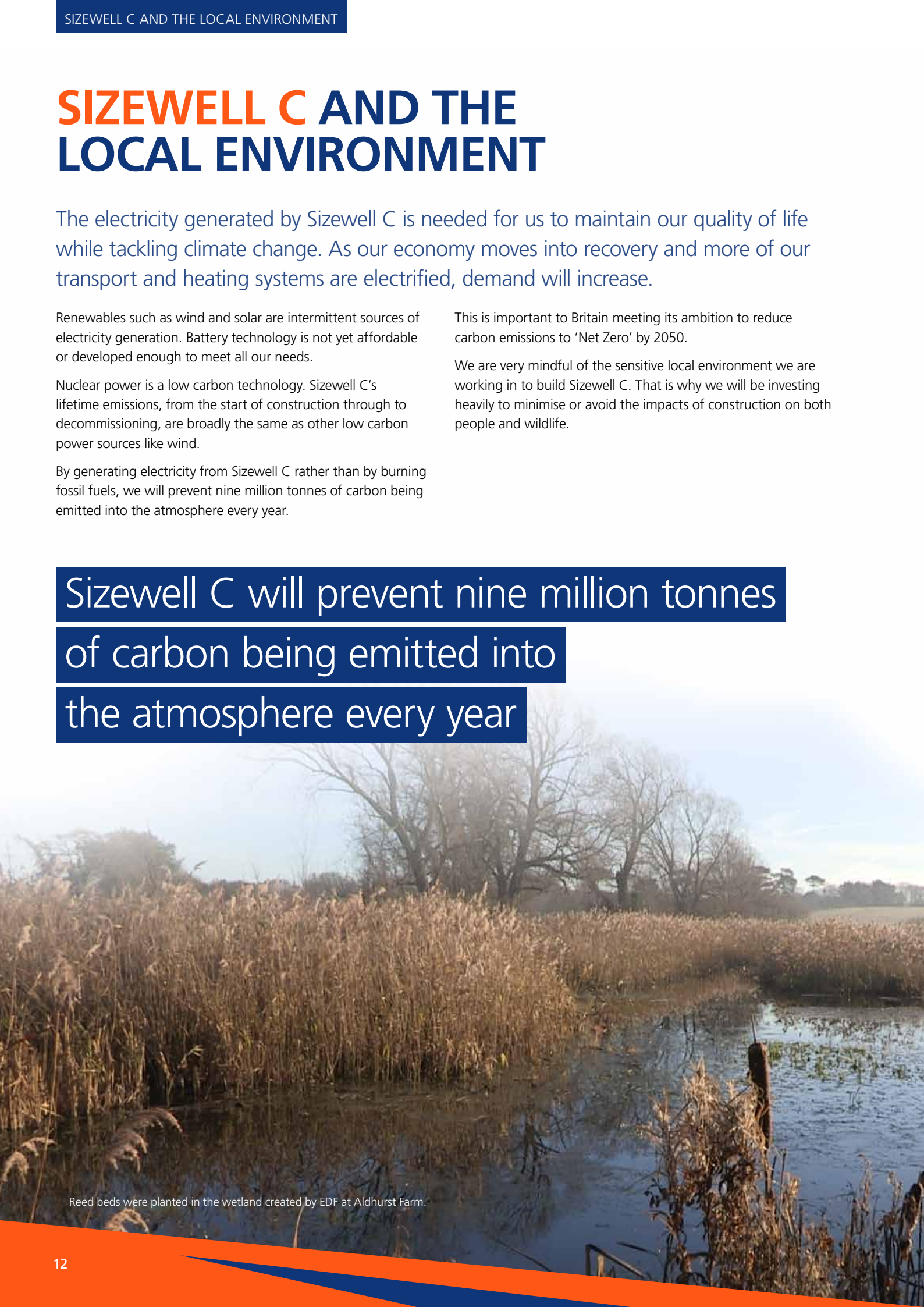
Nuclear power is a low carbon technology. Sizewell C's lifetime emissions, from the start of construction through to decommissioning, are broadly the same as other low carbon power sources like wind.

By generating electricity from Sizewell C rather than by burning fossil fuels, we will prevent nine million tonnes of carbon being emitted into the atmosphere every year.

This is important to Britain meeting its ambition to reduce carbon emissions to 'Net Zero' by 2050.

We are very mindful of the sensitive local environment we are working in to build Sizewell C. That is why we will be investing heavily to minimise or avoid the impacts of construction on both people and wildlife.

Sizewell C will prevent nine million tonnes of carbon being emitted into the atmosphere every year



Reed beds were planted in the wetland created by EDF at Aldhurst Farm.

MAIN SITE

Where we are using land for Sizewell C, including in the Sizewell Marshes SSSI, we are creating replacement habitats to compensate.

New habitats for marsh harriers and reptiles have been created, and in 2015 we transformed low-grade agricultural land in Leiston into the Aldhurst Farm Habitat Creation Scheme. This area provides reed bed and ditch habitats as nesting and foraging environments for birds and bats, along with lagoons for water voles.

We are also making sure fish, bats, otters and water voles can continue to move easily around the existing SSSI. We are keeping the natural bed and banks of the Leiston Drain and building a ledge for otters to use the SSSI crossing as well as planting the embankment slopes.

In addition, we will be creating fen meadow on land to the south of Benhall and also to the east of Halesworth.

Once the temporary construction area has been removed, extensive areas of acid grassland, scrub and woodland corridors will be planted, providing a net increase in the amount of land for wildlife compared to the current position.

OFFSHORE

We will use a Beach Landing Facility for sea deliveries of very large or heavy freight to the main construction site, removing these loads from local roads and avoiding the ecological impacts of building a jetty. We ruled out the construction of a jetty at Stage 3 due to the impact on sea life and the coast.

CLIMATE CHANGE AND SEA LEVEL RISE

Our plans fully consider climate change and predicted rising sea levels.

Sizewell is located within a stable part of the Suffolk coastline, between two hard points and the offshore bank of sediment known as the 'Dunwich-Sizewell Bank'.

The stability of this part of the coast has been demonstrated by Sizewell A (1966 to 2006) and Sizewell B (1995 to date) operating without any incidences of flooding or significant coastal erosion.

The plans we have developed for Sizewell C need to be 'future-proof', so we have undertaken extensive studies of the coastline. We modelled potential future scenarios along the Sizewell coast, with and without Sizewell C, to fully assess the effect of the station on coastal processes (and vice versa). We included the highest plausible, Sizewell-specific climate change predictions in the current guidance from the Met Office Hadley Centre Climate Programme, usually referred to as UKCP18.

Independent experts were asked to critique the forecasts to provide the very best assessment of long-term coastal change.

The power station and access road will be built to withstand a 1:10,000 year event made up of a combination of sea level rise, tide and storm.

A permanent hard coastal sea defence will be built to protect the site from rising sea levels. This has been designed so that it could be raised during the lifetime of Sizewell C if needed.

Similarly, the defence height of the access road could also be raised. Although this is unlikely to be required, we have allowed flexibility in our plans in case it becomes necessary in the later years of the operation or during decommissioning.

We are committed to keeping our people, our neighbours and our station safe, so all buildings and other infrastructure are being designed to be resilient and flood resistant.

The proposed drainage allows for increases in the amount of rainfall and our road surfaces will withstand future temperature increases.

The design of the power station, including its sea defence, will reduce the risk to the proposed development from coastal breach, fluvial, surface water, sewer and groundwater flooding for the entire lifetime of Sizewell C.

CLEAN WATER

During construction, all foul water generated from the main and temporary construction areas will be pumped to a construction sewage treatment plant before being discharged to sea. This is the standard wastewater process and is regulated by the Environment Agency. Temporary arrangements will be in place while the construction treatment plant is being built.

RSPB MINSMERE

The RSPB has raised concerns about how wildlife at the reserve, including rare birds such as bitterns, avocets, marsh harriers and other species, could be affected by noise pollution, artificial light, fluctuating water levels and coastal erosion.

Our modelling of potential coastal scenarios and the impacts of Sizewell C shows no impact on the coast along the Minsmere frontage. The coastal defence we will construct will act as a hard point which will reduce the effects of erosion for decades to come. That effect does not extend as far as Minsmere and has no impact on the coastline there.

There is far more information and detail on Sizewell C and biodiversity in the Environmental Statement published with the application for development consent. The following examples illustrate just some of the measures we will put in place in response to these concerns.

Bat monitoring at Upper Abbey Farm.

MARSH HARRIERS

We are currently creating 47.8ha of enhanced habitats for marsh harriers in the northern part of the EDF estate (in the Great Mount Walk area), including a new wetland component to provide habitat for marsh harriers if they stop using the Sizewell Marshes for feeding during the construction of Sizewell C. This habitat is now quite advanced in its establishment.

Noise will not significantly affect the ability of marsh harriers to forage in these new areas nearby, as noise barriers will be included along the northern edge of the temporary construction area.

Our assessments conclude that with the new habitats in place, the marsh harrier population of Minsmere will not be affected.

In the longer term, the site will include extra grassland areas and wetlands which will be better for marsh harriers than the present conditions.

Bird surveys on Sizewell Belts.

We are currently creating 47.8ha of enhanced habitats for marsh harriers in the northern part of the EDF estate

SAFEGUARDING GROUND NESTING BIRDS

There are several areas near Sizewell C where groundwater and fluvial flooding is part of the healthy function of the habitats.

We need to ensure that construction does not interfere with this natural process or result in rapid changes to the water levels that would adversely affect ground nesting birds, such as avocets and bitterns.

Our analysis shows there will be no significant change in flood risk due to Sizewell C.

Ecological specialists have assessed the predicted localised changes in water levels and concluded that none of the changes to groundwater would lead to significant effects, either to wetland vegetation or breeding birds.

This conclusion is based on extensive data gathered over several years, including climate change guidance from the Environment Agency, as well as our own groundwater and surface water monitoring.

We have built and tested a groundwater model, which predicts the impact on groundwater levels from the construction phase and early operational phase.

The modelling has been refined through engagement with Natural England, Suffolk Wildlife Trust and the RSPB. The assessments have been subject to detailed technical review by the Environment Agency.

We will tightly control the way construction activities affect local communities and the environment

Sizewell C Project Team's Katy McGuinness, Environmental Planner, and Dr. Stephen Roast, Marine Planning Manager at Aldhurst Farm.

BATS

There will be no significant adverse effects on bat species other than Barbastelles. This could arise during construction because of the potential breaking up of their current preferred environment. Our mitigation measures therefore focus on reducing this habitat fragmentation.

Our Lighting Management Plan includes dark corridors for bats along the Upper Abbey Farm Bridleway (BW19), along the northern edge of Kenton Hills and at the SSSI Crossing.

A bat mitigation strategy includes the provision of new bat boxes (to add to over 40 already installed) and a new 'bat barn'.

In the longer term, the site will include extra grassland and woodland areas which will improve upon the present environment for bats.

MANAGING CONSTRUCTION IMPACTS

We will tightly control the way construction activities affect local communities and the environment. Our Code of Construction Practice (CoCP) will set out a clear and consistent approach to doing this. All contractors will have to comply with the CoCP, along with all relevant laws, construction health, safety and environmental standards as well as industry best practice.

We will ensure our contractors comply. In any event of non-compliance we will take action. Additionally, we will take complaints seriously, responding promptly to residents and taking action to address concerns.

TRANSPORT

We have designed a transport strategy which integrates the use of sea, rail and road and will help us meet our aim of reducing the impact of construction on local rural roads and communities.

We will keep HGV movements as low as possible by reducing the amount of excavated material that will be transported off-site. We will instead utilise this material as fill, landscaping or by using borrow-pits.

We will move 40% of construction materials using rail and sea, significantly reducing the number of HGVs on local roads.

Using three trains a day at peak of construction will remove 150 HGVs from the roads. During the period of peak construction – the very busiest period – there will be an average number of 325 HGVs delivering to site. This will not be the case for the entirety of construction, with HGVs decreasing following this peak period.

Although relying on fewer HGVs than a road-led strategy, there will still be many vehicles travelling to and from Sizewell C. This means that park and ride sites, a freight management facility, a Two Village Bypass and a road linking the site to the A12 (bypassing the B1122) will be vital to reduce impacts on local communities during construction. We expect that limits will be enforced on the number and timing of HGV movements.

We will move 40% of construction materials using rail and sea, significantly reducing the number of HGVs on local roads

Local transport consortium Somerset Passenger Solutions was established to provide transport for the HPC workforce. We want to create similar partnerships for Suffolk businesses.

RAIL

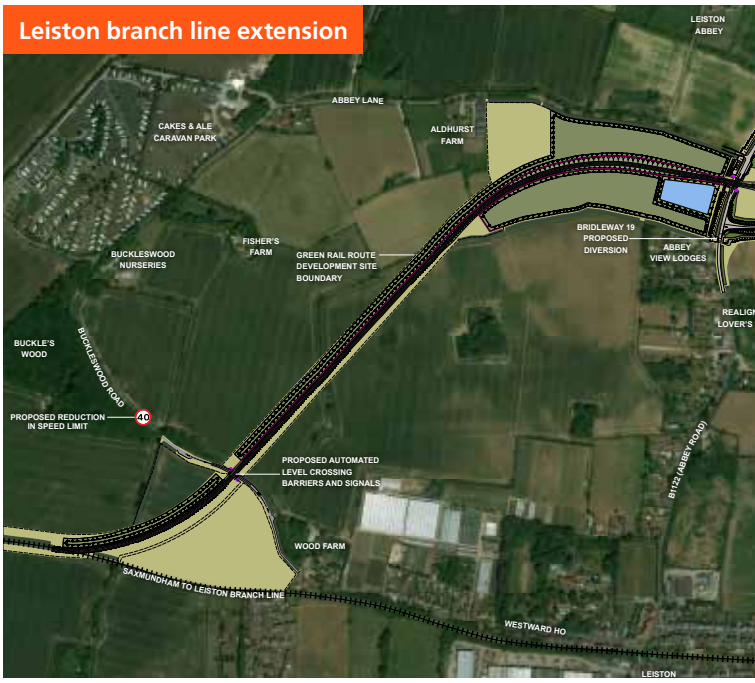
In the first two years of construction, we will operate two trains per day along the East Suffolk line and the Saxmundham to Leiston branch line. The branch line and level crossings will be upgraded and left as a legacy after construction.

A single-track extension from the branch line into new sidings within land East of Eastlands Industrial Estate (LEEIE) will be used for unloading materials in the early years of construction.

Freight trains will operate along the East Suffolk line without impacting the passenger service and would only run through Leiston to and from LEEIE during the day.

During this period, we will build a new rail line off the Saxmundham and Leiston branch line direct to the construction site. Once complete this will allow three trains a day to deliver materials direct to site. The new rail link avoids Leiston and rail movements will be predominantly at night. Once Sizewell C is complete, we will remove this railway extension and return the land to agricultural use.

We have undertaken noise surveys along the East Suffolk line, modelling the different engines and speeds to identify how best to minimise noise and disruption.



Plans are indicative and more detailed maps and figures are in the DCO application which can be seen from the 8th July: www.sizewellcdco.co.uk

SEA

We will build a Beach Landing Facility next to the construction site to allow us to move very heavy or oversized loads to the main construction site.

This will be used throughout construction, with the most intensive period of use occurring during the busiest four years of construction, with 200 deliveries of the heaviest material and equipment coming by sea. This will help to prevent heavy traffic.

The beach will be open to the public throughout the construction period. Access will only be interrupted during the building of the Beach Landing Facility and when there are big deliveries. Disruption will be minimised as much as possible.

The Beach Landing Facility will be retained when Sizewell C is operational to allow deliveries of very large equipment once every few years during maintenance periods. The design of the facility will mean the platform can be removed and stored on site, and the access to it landscaped over during lengthy periods of inactivity.

Offshore geophysical surveying underway close to Sizewell.

TRANSPORT: ROADS

Our use of rail and sea means fewer HGV journeys than we forecast for the road-led strategy during the public consultation. Roads will still play an important role in getting workers and freight to and from the construction site.

A combination of new roads and improvements to the existing network will help reduce the effects of construction traffic on local communities and improve traffic flows.

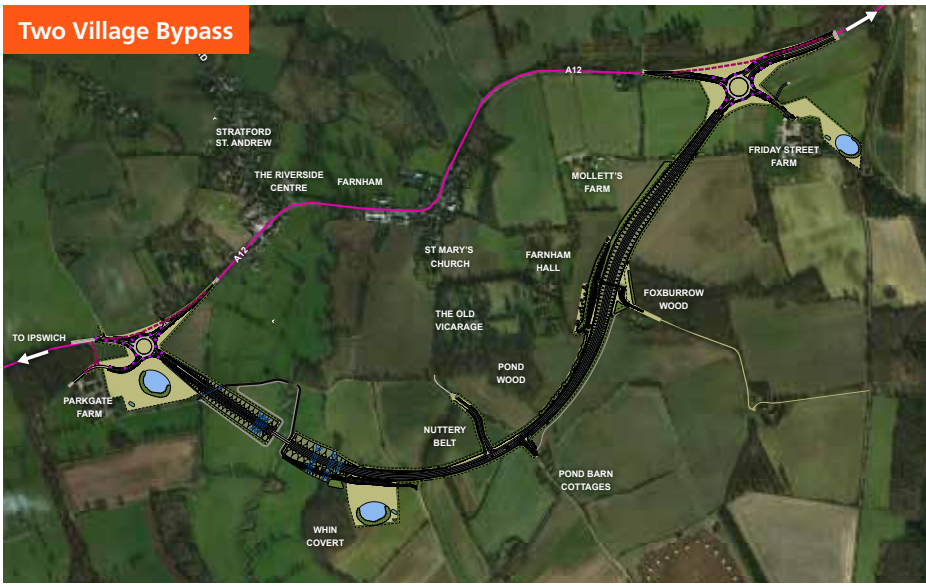
TWO VILLAGE BYPASS

A bypass on the A12 at Stratford St Andrew and Farnham would allow traffic to avoid the bend at Farnham.

The road would be built in the early years of the project and remain after Sizewell C is built.

We have identified a route which is sensitive to the surrounding woodland. The road would be accessed at new roundabouts to the south of Stratford St Andrew and at the Friday Street junction to the north.

Two Village Bypass



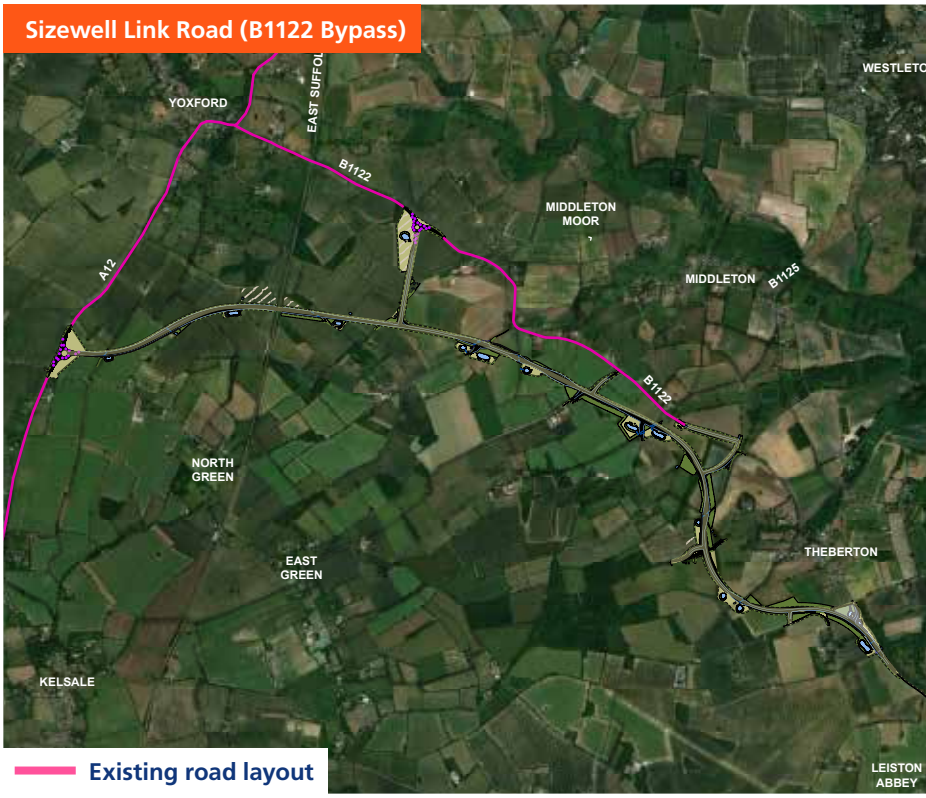
Plans are indicative and more detailed maps and figures are in the DCO application which can be seen from the 8th July: www.sizewellcdco.co.uk

SIZEWELL LINK ROAD (B1122 BYPASS)

In response to concerns raised during public consultation about traffic levels on the B1122 and the impact on people living along the road, we are proposing a new permanent road linking the A12 to the Sizewell C main site.

Bypassing Theberton and Middleton Moor, the Sizewell Link Road (B1122) will also substantially reduce traffic past the houses adjacent to the A12 in Yoxford.

Sizewell Link Road (B1122 Bypass)



ROAD IMPROVEMENTS

Other permanent improvements which will be built in the early years of construction include a new roundabout on the A12 and B1122 east of Yoxford and an improved A12 / A144 junction south of Bramfield. More information on these and other road improvements can be seen in the application.

TRANSPORT: FREIGHT AND THE WORKFORCE

The Sizewell C transport strategy aims to limit the traffic effects of Sizewell C's construction from the workforce and freight deliveries.

FREIGHT MANAGEMENT FACILITY

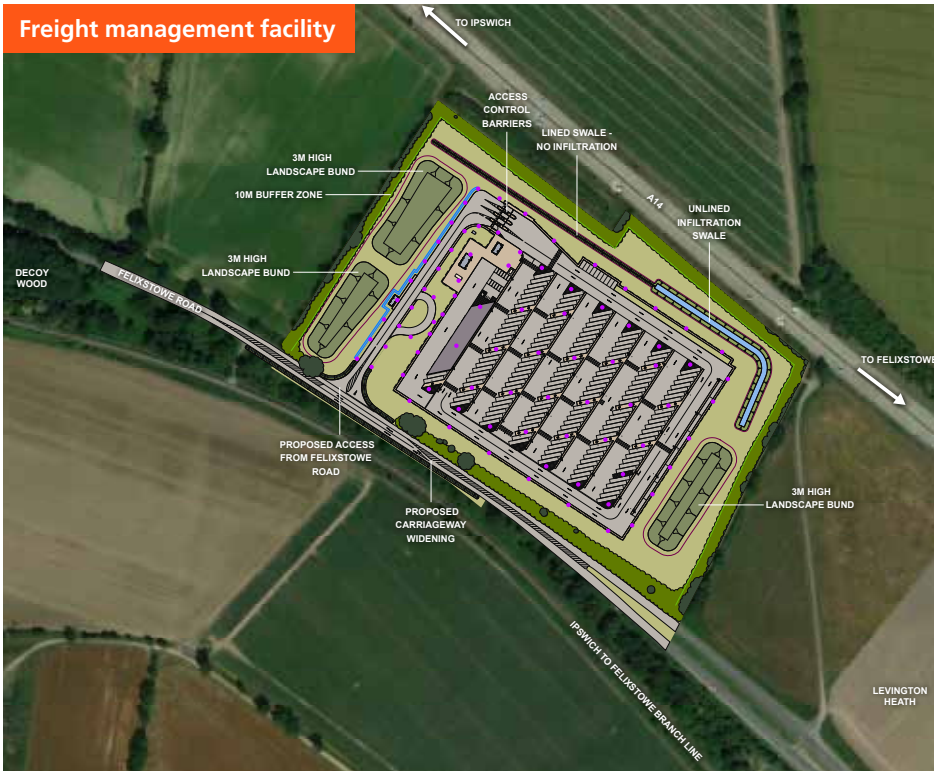
We are proposing a temporary Freight Management Facility at Seven Hills, on land to the south-east of the A12/A14 junction.

The facility will help to control the flow of HGV traffic to the Sizewell C site, managing movements in peak or sensitive hours on local roads.

With space for around 150 HGVs, the facility will also have single-storey buildings and external areas where paperwork and goods will be checked prior to delivery.

HGVs can be held here before they make their onward journey to the A12 or in the event of an incident on the local road network which prevents access to the main development site.

We expect it to take four to five months to build the Freight Management Facility. When there is no longer a need for the facility, the temporary buildings and structures will be removed, and the site will be returned to agricultural use.



Plans are indicative and more detailed maps and figures are in the DCO application which can be seen from the 8th July: www.sizewellcdco.co.uk

MANAGING THE TRAFFIC FLOW

One of the concerns raised by local people has been that HGVs visiting the Sizewell C construction site will cut across country using rural roads.

HGVs will be required to use the official permitted route to site. The route for all lorries over 3.5 tonnes is the A14, A12 and then on to the Sizewell Link Road.

We will enforce the use of these routes by using appropriate technology to be agreed with Suffolk County Council. Action will be taken against contractors who do not use the official route to the site. Monitoring reports setting out compliance with the route and other transport management measures will be submitted to a Transport Review Group made up of representatives from Suffolk County Council, East Suffolk Council and Highways England throughout construction.

At peak of construction, the flow of HGVs will be managed by using the freight management facility to control vehicle departures on to the A12.

PARK AND RIDE FACILITIES

Two temporary park and ride facilities will reduce the amount of workforce traffic on local roads and through villages.

Each of the two park and ride sites will have parking for up to 1,250 cars. This number of spaces is required to manage the turnaround of shifts on site (1,250 cars will not arrive at the sites at once). There would also be secure bicycle parking, a bus terminus area, security facilities and a welfare building including toilets and a staff room. Construction workers would be transported to and from the Sizewell C main development site by bus.

We expect that construction of the proposed park and ride sites would last for approximately 12 to 18 months. They have been designed to limit noise and light impacts.

When there is no longer a need for the park and ride sites, the temporary buildings and structures will be removed, and the land will be returned to agricultural use.

The park and ride facilities will reduce the amount of workforce traffic on local roads and through villages

SOUTHERN PARK AND RIDE

The southern park and ride facility will be to the north-east of Wickham Market to intercept workforce traffic coming from the south and west of the A12.

The southern park and ride will also contain a postal consolidation building to handle and process postal deliveries for the Sizewell C main development site. There will also be a Traffic Incident Management Area to hold HGVs if there is an incident within the Sizewell C site or on the local road network.

NORTHERN PARK AND RIDE

The northern park and ride will be at Darsham, to the west of the A12, to the east of the East Suffolk line and to the north of Darsham railway station. It will intercept workforce traffic coming to the main construction site from the north and avoid journeys through Blythburgh and Westleton on the B1125.

Plans are indicative and more detailed maps and figures are in the DCO application which can be seen from the 8th July: www.sizewellcdco.co.uk

SIZEWELL C AND THE LOCAL COMMUNITY

Sizewell C will deliver economic benefits to Suffolk. We estimate 2,600 workers will come from the local area at peak. The value to the local economy will be £125m a year during construction.

This is a major project but we will be a considerate neighbour. We are committed to limiting noise. Measures will include screening, use of quieter working methods and a noise mitigation scheme for properties significantly impacted. Lighting will be managed to limit the spill on the surrounding environment. Dust management plans will be implemented to control and minimise dust emissions.

LOCAL EMPLOYMENT

We will invest in initiatives to ensure local people and businesses benefit as much as possible from Sizewell C:

- We will create a Sizewell C jobs service to ensure local employment is maximised and contractors have access to a skilled local talent pool.
- We will set up a Skills Fund and invest in a regional skills manager to co-ordinate and promote the opportunities for up-skilling local people.
- We will create a 'Young Sizewell C' initiative to help raise young people's aspirations and help them gain employment opportunities.
- We will establish a bursary scheme to help young people find pathways to work.
- We will fund pre-employment training and outreach activities to maximise the opportunities for economically disadvantaged and hard to reach groups.

NON-HOME-BASED WORKERS

During construction our demand for labour will exceed local supply, so we will need workers from outside the area. This could affect schools, public services, housing, leisure services and community cohesion.

Every worker at Sizewell C will be security vetted and required to sign up to our Worker Code of Conduct, which sets out expected standards of behaviour. There will be training and awareness campaigns running throughout construction. Regular drug and alcohol testing will take place on site, and workers may be dismissed if they fail.

WORKING WITH THE COMMUNITY

Working with local partners we will put the following in place:

- A Community Fund which could be used to improve community facilities, provide grants for local groups and address the effects of construction on local communities.
- A community safety plan and a freephone line to report any concerns.
- A Public Services Contingency Fund which would provide financial support for local services with limited capacity due to construction. For example, this could include a new support teacher at a local school.
- A Housing Fund to help provide additional housing capacity while mitigating the effects on local communities.
- Permanent new sports facilities, including a new 3G pitch and multi-use games area in Leiston.
- Medical and health care provision on the proposed accommodation campus to avoid any pressure on local health services.
- An accommodation management system for local landlords, tourism businesses and residents to register accommodation available for workers.

We will work with and fund council and emergency services to ensure that communities remain safe, with access to public services and facilities.

We will always prioritise the safety of the community and our workforce when building and operating Sizewell C.

We hope to begin construction in 2022 and we will set up groups with local representatives close to development sites so we can discuss and monitor issues as they arise.

Humphrey Cadoux-Hudson, Managing Director of Nuclear Development, discussing the potential opportunities available to young people.

WE HAVE LISTENED AND CHANGED OUR PLANS

Our proposals have changed following four stages of public consultation between November 2012 and September 2019. Some significant changes include:

The Power Station: We have worked to minimise the visual impact of the station in its setting on the heritage coast. The turbine halls will be the most significant visual element of the station, so we will clad them in a way that befits the station's position on the coast. We have moved the training centre from Goose Hill into the administration buildings.

Rail: We presented a number of options at Stage 1 for how rail could be utilised in our plans. The clear preference was for EDF to build a new rail line off the Saxmundham – Leiston branch line direct into the site.

Sea: We will use a Beach Landing Facility for 200 deliveries during peak construction. We considered a jetty to bring heavy items to the site. Further studies indicated this would have a negative impact on sea life and biodiversity.

Two Village Bypass: Communities on the A12 felt the original options for managing the additional number of HGVs at Farnham bend did not go far enough. We will now build a longer, Two Village Bypass for Farnham and Stratford St Andrew. The route will avoid local woodland and lead to an improved junction at Friday Street.

Sizewell Link Road (B1122 Bypass): Since Stage 1 communities on the B1122 have campaigned against the use of the road for transporting people and material to the site. We will therefore build a link road from the A12 to the site which will bypass these communities.

Accommodation Campus: In 2012 we presented three site options for the campus. Locating it on-site is the most practical way to reduce traffic pressures on local roads. We have reduced the amount of land required for the campus by a third. The heights of the tallest buildings have been lowered.

Stage 4 Public Consultation.

WHAT NEXT?

As well as submitting our planning application, we have applied to the Environment Agency for permits to operate Sizewell C.

SIZEWELL C ENVIRONMENTAL PERMITS

The Environment Agency's decision-making process for operational permit applications includes two consultation periods. First, it will ask for your comments on the permit applications. Later it will provide a document which sets out its views and ask for feedback on its draft decisions.

Only after the Environment Agency has carefully considered the comments it has received will it make its final decision.

Both consultations will run for 12 weeks and will be advertised through various local media channels.

For more information, visit GOV.UK and search: 'Sizewell C'

You can sign up for the Environment Agency's nuclear regulation e-bulletin by emailing: sizewellCNNB@environment-agency.gov.uk

THE SIZEWELL C PLANNING PROCESS

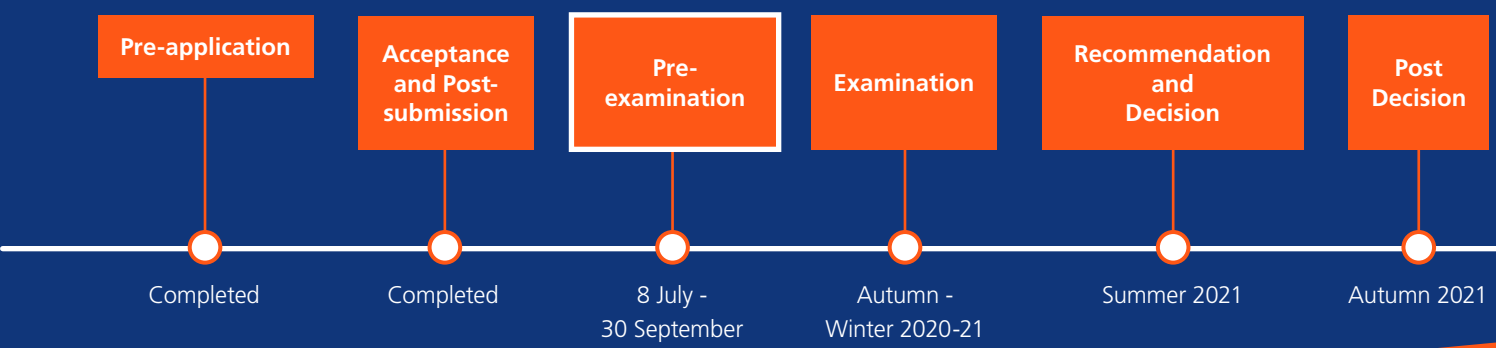
We submitted the application for a Development Consent Order to build Sizewell C to the Planning Inspectorate (PINS) on 27 May 2020. Sizewell C is a Nationally Significant Infrastructure Project, so it is considered by PINS on behalf of the Secretary of State for Business, Energy and Industrial Strategy.

The DCO process is a time limited one, working in accordance with the timetable set out in the Planning Act 2008.

PINS formally accepted the Sizewell C DCO application on 24 June 2020. This means PINS has accepted that EDF carried out adequate pre-application public consultation and the proposals can now proceed through the examination process.

As the applicant, we will publish a notice for the Section 56 Notification Period. This will mark the start of the pre-examination stage when anyone can read and register their interest in the Sizewell C application with PINS. This stage will run from 8 July to 30 September 2020.

WE ARE HERE



THE NEXT STAGE

The Planning Inspectorate has accepted the Sizewell C application for development consent. This means EDF has satisfied its legal responsibility to adequately consult the public in advance of submitting the proposals.

The pre-examination stage of the process will begin on 8 July and run to 30 September. This is not a public consultation but an opportunity to read the application online and register your views with the Planning Inspectorate.

WHERE TO FIND OUT MORE FROM 8TH JULY:

- For an introduction to the proposals you can visit an exhibition linked to our website, where there is also a link to an interactive website on the Environmental Statement at: **www.sizewellc.co.uk**
- Or for the full application visit **www.sizewellcdco.co.uk**
- To read the full application and register your interest with PINS earlier: **https://infrastructure.planninginspectorate.gov.uk**
- A hard copy will be available at the Sizewell C Information Office. Call **0800 197 6102*** to book an appointment.
- A hard copy of plans and figures along with laptops containing the complete DCO application will be available to view at Leiston Town Council offices.
- If you have trouble with adequate broadband speeds a USB stick containing the DCO application will be available.

SHIELDING OR NOT ONLINE?

- If you have to stay inside due to coronavirus restrictions or you have difficulties getting out, please call **0800 197 6102*** and we will deliver a laptop or iPad. We will collect it five days later.
- PINS encourage people to view DCO applications online. If you are not online and would prefer to view a hard copy, a mobile DCO library will be visiting various locations in East Suffolk throughout July and August. Please note that we must respect social distancing requirements and this service is for those who have no other option. If you are able, please respect social distancing requirements and read the documents online.

PRINT AND DIGITAL DCO APPLICATIONS FOR VIEWING IN OUR MOBILE LIBRARY - BETWEEN 10AM - 4PM

From 8th July you can book an appointment on 0800 197 6102* to reserve your viewing slot.

Leiston	13/14/15 July
Theberton	16/17 July
Middleton	20/21 July
Yoxford	22/23 July
Kelsale cum Carlton	24 July
Darsham	27/28 July
Wickham Market	29/30 July
Hacheston	31 July
Levington	3/4 August
Stratford St Andrew	5/6 August
Woodbridge	7 August
Ipswich	10 August
Lowestoft	11 August

Exact locations will be confirmed on the booking of your appointment.

IF YOU WOULD LIKE A LARGE PRINT VERSION OF THIS NEWSLETTER PLEASE CALL 0800 197 6102*

FREEPHONE 0800 197 6102*
@edfesizewellc
www.sizewellc.co.uk
info@sizewellc.co.uk
Sizewell C Information Office, 48-50 High Street, Leiston IP16 4EW**

*Calls to 0800 numbers are free from UK landlines. Call costs from mobile and international numbers may vary.
**By appointment between 10am and 4pm Monday to Friday.

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