



# Sizewell C Project update January/February 2021.





Today...

1. Project background

- Key facts about Sizewell C
- Our pledges to the country and the local community
- Benefit to the local region

2. Where we are now

- DCO update
- The work we are doing to reduce transport disruption
- Young Sizewell C and our apprenticeships plan

3. Program & Civil Works



# 1. Background



# KEY FACTS

Sizewell C will be a two-reactor nuclear power station located right next to Sizewell B on the Suffolk coast.

Nuclear power has been generated safely on this part of the Suffolk coast for over half a century. Sizewell A started in 1966. It is a stable and secure section of the Suffolk coast.

The design of the station – the UK EPR™ – will be a replica of one we are already building at Hinkley Point C in Somerset. The design has been approved by the UK’s nuclear regulator, the Office for Nuclear Regulation (ONR). This means it satisfies Britain’s high and robust standards for nuclear safety.

The design of the station is proven to work. The building of Hinkley Point C, our sister station in Somerset, is on schedule.

**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

An illustration showing two yellow power line towers connected by a line, with a small house icon below them. To the right, there are several house icons representing millions of homes.

**SIZEWELL C WILL PROVIDE**  
LOCAL JOBS, TRAINING AND EDUCATION BENEFITS

**SIZEWELL C  
WILL SAVE**  
**9** MILLION  
TONNES OF CO<sub>2</sub>  
EMISSIONS EVERY  
YEAR OF OPERATION

**SIZEWELL C  
WILL TAKE**  
9-12 YEARS TO BUILD

An illustration of a green crane with a forklift-like base.

SUPPORT **900** PERMANENT JOBS

An illustration of three stylized human figures in yellow, representing workers.

**SIZEWELL C WILL HELP  
TACKLE CLIMATE CHANGE**  
BY PROVIDING DECADES OF RELIABLE, LOW CARBON ELECTRICITY

# OUR PLEDGES TO THE LOCAL COMMUNITY

When we submitted the planning application in May this year, we announced 11 pledges to limit disruption during the construction period and enhance the opportunities for Suffolk.

Since then, we have launched Young Sizewell C to help people aged 16-21 in Suffolk and Norfolk prepare for the opportunities the power station could offer.

Suffolk businesses and our county's young people have a lot to gain from Sizewell C. The success of the project will be measured by how well we deliver for the local community.

## PLEDGE 1

**Minimise disruption to local communities during the construction of Sizewell C**

## PLEDGE 2

**Invest in local employment, education and skills. This includes an aim to create more than 1,000 apprenticeships**

## PLEDGE 3

**Support the growth of the local economy. This includes measures to support local firms in gaining work on the project**

## PLEDGE 4

**Transport at least 40% of construction materials by rail and sea, significantly limiting the number of Sizewell C HGVs on local roads**

We are currently working hard to further reduce the number of HGV deliveries to site.



## PLEDGE 5

**Respect the Suffolk Heritage Coast and minimise impact on RSPB Minsmere, National Trust Dunwich Heath and Leiston Abbey**



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

## PLEDGE 6

**Return the temporary construction area to a standard befitting the AONB following construction**

## PLEDGE 7

**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**

## PLEDGE 8

**Support the Suffolk coast tourism sector to offset impacts from construction through the creation of a Tourism Fund**



**PLEDGE 9**

**Provide a comprehensive 24/7 onsite occupational health service for workers, a healthcare contribution and a Public Services Contingency Fund**

**PLEDGE 10**

**Require all workers to sign a Worker Code of Conduct and enforce it – as we have done successfully at Hinkley Point C**

**PLEDGE 11**

**Enhance the economic, social and environmental wellbeing of local communities through the provision of a Community Fund**




## Benefit to the region


**40,000**   
PERSON YEARS OF  
**EMPLOYMENT**  
WILL BE CREATED

THE PROJECT WILL  
AIM TO ENABLE  
**1,000**   
NEW APPRENTICESHIPS

**EAST OF ENGLAND  
ECONOMIC BENEFIT**  
**£1.5 BN** UP TO **£3 BN**  
DURING CONSTRUCTION DURING OPERATION

**900** PERMANENT **JOBS**   
WILL BE CREATED THROUGHOUT  
**60 YEARS** OF OPERATION

**£125 MILLION**  
PER YEAR  
**BOOST FOR**  
**EAST OF**  
**ENGLAND**  
ECONOMY DURING CORE CONSTRUCTION 

UP TO **£4.5 BILLION**  
**TO BE INVESTED IN**  
**EAST OF ENGLAND**  
OVER LIFETIME  
**OF SZC** 





## 2. Where we are now

## Government white paper

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- The Energy White Paper ‘Powering our Net Zero Future’ was published on 14 December 2020. In its overview of key commitments, the Government states: ‘Aiming to bring at least one largescale nuclear project to the point of Final Investment Decision by the end of this Parliament, subject to clear value for money and all relevant approvals.’
- The same day the UK Government announced its intention to enter into negotiations with EDF on funding arrangements for Sizewell C.

**Simone Rossi, EDF’s UK CEO said:** “We’re right behind Net Zero, and by investing in renewables and nuclear at Hinkley Point C and Sizewell C we’re supporting decarbonisation while creating jobs across the UK. We will continue to help our customers find affordable, low carbon ways to travel and heat their homes and businesses.

“The time for action is now and we look forward to working with the Government to implement its energy and climate policies, including the financing of new nuclear.”

**Humphrey Cadoux-Hudson, CBE, Managing Director, Nuclear Development:**

The Government’s decision to enter negotiations on Sizewell C is great news and further recognition of the vital role large scale nuclear will play in getting to net zero.

The go-ahead for Sizewell C would bring the Green Industrial Revolution to life, creating thousands of British jobs and apprenticeships, and delivering a huge boost for thousands of nuclear supply chain companies up and down the country. It will be a project Britain can be proud of.

We are eager to start discussions with the Government on a suitable financing model for the project and we look forward to the next phase of scrutiny of our plans by the Planning Inspectorate. Sizewell C will build on the great progress being made at Hinkley Point C and, as a copy, will benefit from lower construction and financing costs. We are confident that we can arrive at a funding solution which will provide value for money and help to lower energy bills for consumers.

Since we submitted our application for a Development Consent Order to build Sizewell C, we have continued to listen to local communities.



### Sea Deliveries

We aim to increase the number of sea deliveries. This could allow us to take up to another 50 HGVs off the roads each day.



### Rail Deliveries

We aim to increase the number of train deliveries from three to four. This could allow us to take up to another 50 HGVs off the roads each day.



### Road Deliveries

We are exploring ways to re-use construction material on site in a way which would reduce the number of HGV deliveries. We are also investigating the use of cleaner, electric and hydrogen-fuelled vehicles.

We will continue to explore ways of reducing the impact on local roads.

**“We’re doing more to reduce the number of HGVs at Sizewell C”**










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

Thanks to the support of our partners, since submitting our DCO, we have **increased our apprenticeship commitment from 1,000 to 1,500**



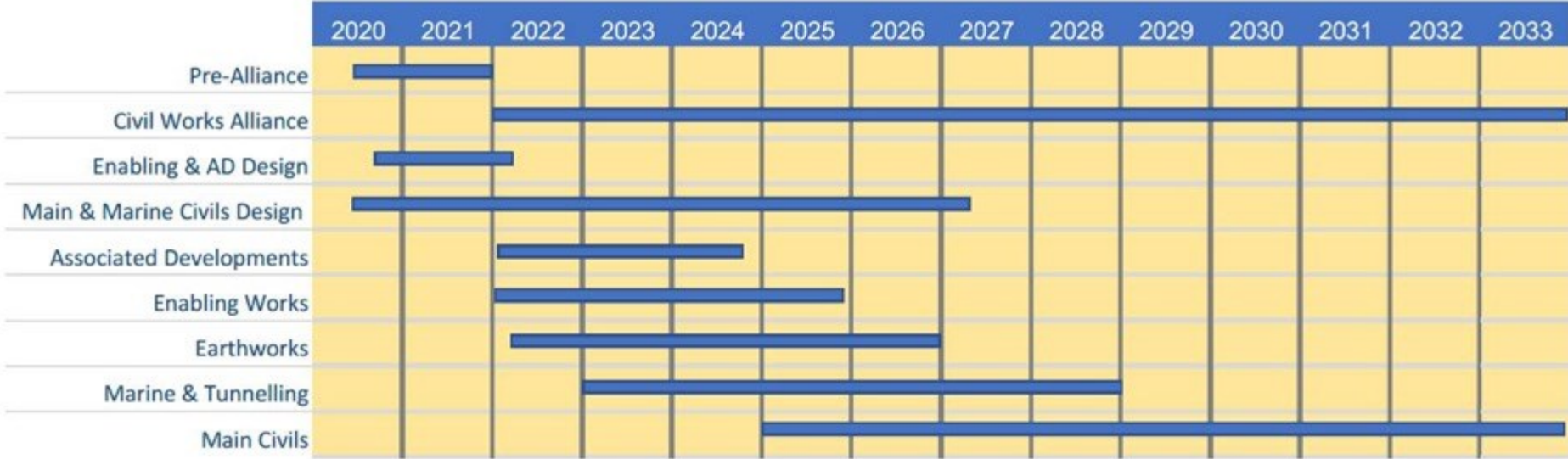
### 3. Program and Civil Works

# Program

Year:	1	2	3	4	5	6	7	8	9	10
<b>Phase one</b> Earthworks 	<b>PLANT OPERATORS</b> <b>PROJECT MANAGERS</b> EARTHWORKS OPERATIVES CATERING & HOSPITALITY									
<b>Phase two</b> Civil construction 	STEELFIXERS FACILITIES MANAGEMENT CONSTRUCTION SUPERVISORS <b>LOGISTICS CRANE &amp; LIFTING OPERATIVES</b> CONCRETE OPERATIVES CARPENTERS & FORMWORKERS									
<b>Phase three</b> Mechanical, electrical & air conditioning 					<b>MECHANICAL &amp; ELECTRICAL</b> <b>ENGINEERS HVAC ENGINEERS</b> <b>SKILLED WELDERS</b>					
<b>Phase four</b> Commissioning 					<b>MAINTENANCE ENGINEERS</b> <b>ELECTRICAL &amp; INSTRUMENTATION</b> <b>ENGINEERS TECHNICIANS PHYSICISTS &amp;</b> <b>CHEMISTS CABLE PULLERS</b>					
<b>Phase five</b> Site clearance & landscaping 									<b>LANDSCAPERS</b> <b>GROUNDS</b> <b>MAINTENANCE</b>	



# In Summary



Thank you

