

## Get in touch

We love hearing from you! If you have any questions or would like further information on the project, you can contact us by any of the following means.

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**Twitter:**

[@CGNBradwellB](https://twitter.com/CGNBradwellB)

**Facebook:**

[CGN Bradwell B](https://www.facebook.com/CGNBradwellB)

Welcome to the latest edition of our Community Newsletter. As you read this COP26 will have started in Glasgow, a momentous opportunity for the nations of the world to come together and commit to fighting climate change and achieving net zero. Nuclear power is a key part of the solution and the Bradwell B project will make a significant contribution to this challenge.

This year the Bradwell B project has moved forward with its engineering feasibility assessments. Separately great progress has been made on the Generic Design Assessment (GDA) for the UK HPR1000, the reactor technology proposed for Bradwell B. In September the public comments process closed and the process is on track for completion in early 2022. This is an important step in being able to build the reactor at Bradwell B, should we receive all necessary consents and permissions.

Engagement remains a critical part of the project, our next Community Forum takes place this month and we continue to engage with parish councils to provide updates and get a better understanding of the concerns and priorities of local people.

If you do have questions about the project please get in touch with the team.



**Alan Raymant**  
CEO, Bradwell B

## Net zero needs nuclear

**High on the agenda at COP26 is energy generation and the need to invest in low carbon energy projects.**

Nuclear power is already a major provider of low carbon electricity nationally and worldwide, but in order to meet net zero, governments need to continue to endorse nuclear projects.

In the UK, the growth in electric vehicles, and the need to move away from using natural gas for heating, means electricity demand will double by 2050. The recent gas price crisis has underscored the risks of relying on fossil fuels. At the same time, coal-fired power stations and the existing nuclear power stations are retiring which means we need new, low carbon generating capacity.

When operational, Bradwell B will generate enough low carbon electricity for 4 million homes, rain or shine, day or night. The project will make a vital contribution to meeting the UK's future need for low carbon, secure and affordable energy, as well as delivering significant economic and employment benefits.

## Generic Design Assessment comments process ends

In September the public comments process on the UK HPR1000 closed after nearly four years.

During the four step GDA process the UK's regulators, the Office for Nuclear Regulation and the Environment Agency, provide independent scrutiny to ensure that new nuclear power station designs proposed for the UK meet high standards of safety, security, and environmental protection. The GDA is undertaken before a developer has formed detailed proposals for a specific site, allowing the regulators to identify potential design or technical concerns early and ask the designer to resolve them.

If approved, the UK HPR1000 will join a global fleet of HPR1000 nuclear plants, the first two units of which are already well advanced in their construction in China. By the time Bradwell B could be online it is likely to be the fifteenth in the fleet.



**i** For more information on the GDA visit [www.ukhpr1000.co.uk](http://www.ukhpr1000.co.uk).

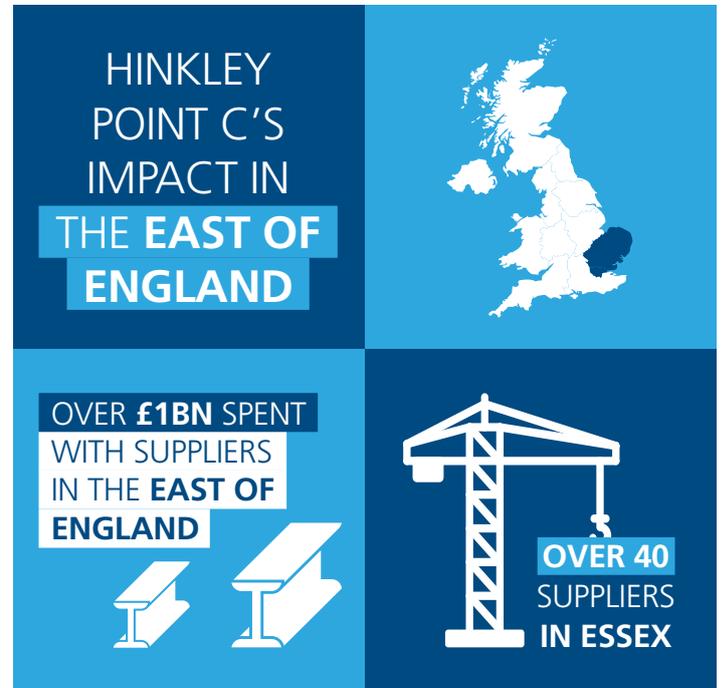
## Nuclear projects provide transformational benefits for communities

Earlier this year, our sister project Hinkley Point C in Somerset, released its annual socio-economic impacts report.

The report showed that spending with South-West based businesses has already hit £3.2 billion, with over 750 apprentices trained, plus an estimated 71,000 jobs across Britain will have been supported by the end of the project.

Essex and the East of England can expect the same from Bradwell B.

In Essex and the wider East of England the economy is already benefiting from nuclear. Over £1 billion has been spent with suppliers in the East of England from Hinkley Point C contracts. More than £30 million of that has been spent with over 40 suppliers in Essex.



### Bradwell B's green fingers

Bradwell B staff volunteers transform garden at Purleigh Community Primary School in August.



## Timeline

There are various permissions, consents and licences that we need to build a nuclear power station, including a Development Consent Order. This is a special type of planning application for significant infrastructure projects, where an independent inspector is appointed to review our plans. We are still in the early stages of developing proposals for Bradwell B, and as such do not expect to be in a position to submit an application for several years yet.

