

# Socio-economic Impact Report **2022**

Start





# Contents

Foreword

04



The Next Phase of Hinkley Point C

06



Improving Social Mobility

08



Supporting British Businesses

12



Opportunities for Skills and Employment

16



Supporting the Community

28



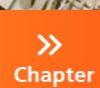
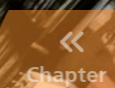
Protecting the Environment

32



Britain's Largest Net-zero Project

36



Chapter

Prev

Menu

Next

Chapter



# Foreword

The energy crisis has shown the need for Hinkley Point C's reliable, low-carbon electricity is more urgent than ever. With wind and solar, it will help make Britain more self-sufficient and less dependent on the imported gas that drives today's record energy prices.

This report proves that the transition to net-zero can also deliver huge social and economic benefits, changing lives and communities for the better. I am proud that Hinkley Point C is exceeding targets for creating jobs and training opportunities in the communities that host the project. It's good news to see that local productivity and prosperity is rising.

The next phase of the project is underway, where we'll fit miles of cables and pipes to the power station. We've worked hard to ensure that people in the region can benefit from the many job opportunities on offer. Our new training centres are open and ready. The first trainees from new programmes have already started to join the project. You'll read many examples in this report of young people who are now able to stay and work in Somerset due to Hinkley Point C.

That positive impact is being felt further afield too. Thousands of companies across Britain are also at work on a project that is vital for fighting climate change, good for the environment and good for people too.

**Stuart Crooks**  
Managing Director, Hinkley Point C

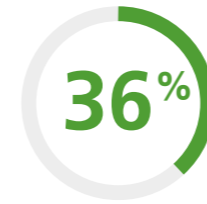


# The Next Phase of Hinkley Point C

The next phase of construction is now underway. The mechanical and electrical installation work for Hinkley Point C will see another 4,000 people join the project, drawn from across the region and Britain.

To support this, three new Training Centres of Excellence will be fully operational by the summer – training the next generation of skilled workers to deliver the fit-out of hundreds of rooms and install thousands of components. New training courses have also been launched, ranging from the new Hinkley Support Operative Programme to supported traineeships and the start of the project’s T-Level workplace training schemes.

The opportunities and benefits of Hinkley Point C are wide-reaching, as can be seen in our dashboard summary.



**36% of the Hinkley Point C workforce** is locally based  
Target: 34%



**22,000 people** across the UK are working on Hinkley Point C



**3 new Training Centres of Excellence** in Bridgwater and Cannington  
488 people trained in them so far



**£24 Million** invested directly into education, skills and employment support

Including **£8 million** of new funding into Centres of Excellence



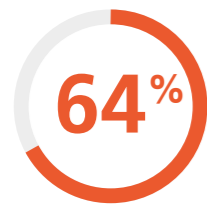
**1,500 people** have been helped into new jobs by the Hinkley Jobs Service. In the past year, 960 people have been engaged via online and face-to-face events



**5 employment centres** located across West Somerset and Sedgemoor, supported by Hinkley Point C



**3,800 British businesses** are working on Hinkley Point C



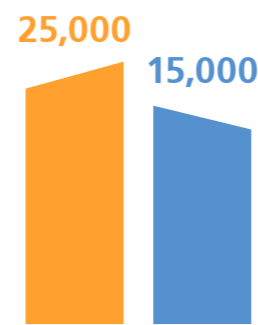
**64% of the value of Hinkley Point C's contracts** will go to UK-based companies  
Target: 57%



**922 apprentices** have been trained at Hinkley Point C so far  
Target: 1,000



**£4.1 Billion** has been spent directly with companies based in the South West  
Target: **£1.5 billion**



**15,000 job opportunities** created directly on the construction site to date  
Target: 25,000



**£13.3 Million** has been provided to local projects through Hinkley Point C's Community Fund



# Improving Social Mobility



Sedgemoor and West Somerset (now part of Somerset West and Taunton Council) are the two districts that host Hinkley Point C. They include the market town of Bridgwater and seaside towns like Minehead and Watchet, which are geographically isolated and challenged by seasonal work. In 2016, West Somerset was ranked at the very bottom of the UK's social mobility index, whilst Sedgemoor contains areas which are among the most deprived 10% in the country.

The opportunities provided by Hinkley Point C are playing an important role in overcoming these challenges – making a difference to the lives of people who need support most. After almost six years of construction, Hinkley Point C is helping local people to retrain, up-skill and access valuable careers without moving away.

Bridgwater, the closest major town to the construction site and a focus of investment by Hinkley Point C, is outperforming the major regional cities in terms of its productivity.\*\*

Sedgemoor is seeing the largest growth in household income of any area within Devon and Somerset - above the regional average and above larger cities, such as Exeter and Plymouth.\*\*

Somerset is also exceeding the national average growth rate in productivity and has seen the South West's biggest decline in NEETS - those not in education, employment or training.\*\*

By working with the local authorities and strategic partners, we are developing sustainable and skilled jobs, improving productivity and economic growth.

 **£24 Million**  
investment into local education and skills facilities

**£500,000**  
investment into the setup and delivery of local employment hubs and an Education Business Partnership 

 which includes **£8 Million**  
to develop new Centres of Excellence in Bridgwater and Cannington

 **£500 Million**  
projected spend in Sedgemoor and West Somerset\*

 **350**  
businesses from Sedgemoor and West Somerset are within the supply chain

The Hinkley Jobs Service has supported almost **1,500**  
local people into work 



## Education initiatives

The Hinkley Point C Inspire education programme and Young HPC network have supported thousands of students across Somerset schools.

We are a member of the West Somerset Opportunity area, which specifically tackles the challenges of social mobility.

We invested £400,000 into a new Education Business Partnership, which is successfully linking local businesses with young people within the region.



## Employment Opportunities

The Hinkley Point C Jobs Service has supported 1,500 local people into work. The employment hubs, made possible by Hinkley Point C, are supporting hundreds more. Located in relatively isolated towns such as Minehead, Stogursey and Williton, employment hubs have already supported over 500 people with job applications, CV writing guidance and careers advice.



## Boosting Skills

We have trained 922 apprentices, invested over £24 million into education and skills – and together with the Construction Skills and Innovation Centre and National College for Nuclear, over 5,000 people are expected to be trained and certified in the years ahead.



## Access Assistance

Access is vital to opening up opportunity and improving social mobility. Recognising the challenge, Hinkley Point C stepped in when local bus services were cut and now provides a free bus service linking the rural areas of West Somerset with Bridgwater.

\* Now Somerset West and Taunton Council

\*\* Office for National statistics data summarised within Heart of the South West LEP economic dashboard - <https://heartofswlep.co.uk/wp-content/uploads/2022/04/Economy-dashboard-0422.pdf>



## Hinkley Support Operative Training Programme

This three-week programme is open to people from the local area, with the aim of attracting new entrants to the construction industry. Upon completion, candidates have the potential to secure employment on the project and in the wider industry. This will involve working on the new phase of the project, which focuses on mechanical and electrical installation.



## CASE STUDY

### Will Rose 16, Cannington, Somerset T-Level Student

Hinkley Point C is providing industry placements for those studying T-Levels, the alternative qualification to A-Levels, apprenticeships and other 16-to-19 courses. Students are given a mentor and are prepared for future skilled employment.

Will, 16, is a Cannington local in the first of a two-year Construction T-Level course. He will be completing his placement at Hinkley Point C with the Digital Engineering team at Bylor.

*"I studied GCSE engineering and realised that I really enjoyed learning CAD and manufacturing, and that I'd like to be a civil engineer."*

*"I have family who work at Hinkley Point A and B, and I've always wanted to work at Hinkley Point C, so I'm really looking forward to doing my placement there with the Digital Engineering team. I'm excited by all the opportunities there and even if civil engineering isn't for me, I think it'll give me a great insight into other career options."*

*"After my college course, I'd love to do an apprenticeship at Hinkley Point C in civil engineering or something similar. I'm going to join Young HPC to help me achieve that!"*



*"I feel lucky to be part of such an amazing project and I am so grateful for having an opportunity as good as this. I know there will be so much to learn from the experienced team on site but I honestly can't think of a better way to start my career."*

## CASE STUDY

### Daisy Gallagher 20, Watchet, West Somerset Trainee Operations Technician

A love of science and a Y12 work experience placement led West Somerset local, Daisy, to sign up for the Young HPC programme. Now employed on the project as an operations technician, Daisy is developing her career and saving to buy a house.

*"I signed up for the Young HPC programme, which kept us up to date on career opportunities and provided us with help on our CVs."*

*"I started as an operations technician in January 2022 and we're currently undertaking our training. We've been into the reactor building to see where it's going to be, which is great. When it's operational, my day-to-day role will include monitoring the plant. I'm really excited to be part of the team."*

*"It's nice to be near my family. If I had moved for work, I'd have to rent a place of my own and get the train, whereas at the moment I'm really lucky I can live at home and save for a house."*



## CASE STUDY

### Liam Dale 23, Taunton Graduate of First Supported Traineeship

Liam lives in Taunton and attended Elmwood School in Bridgwater, where he studied English, maths and cooking. He found out about Hinkley Point C's Supported Traineeship through his teacher and attended the first 10-week programme held in 2018.

On completion of the programme Liam found employment as a cleaner with Host, Hinkley Point C's accommodation provider. The team supported Liam during his first experiences in the workplace, which helped his confidence in the work environment to grow, leading to further employment opportunities on the project.

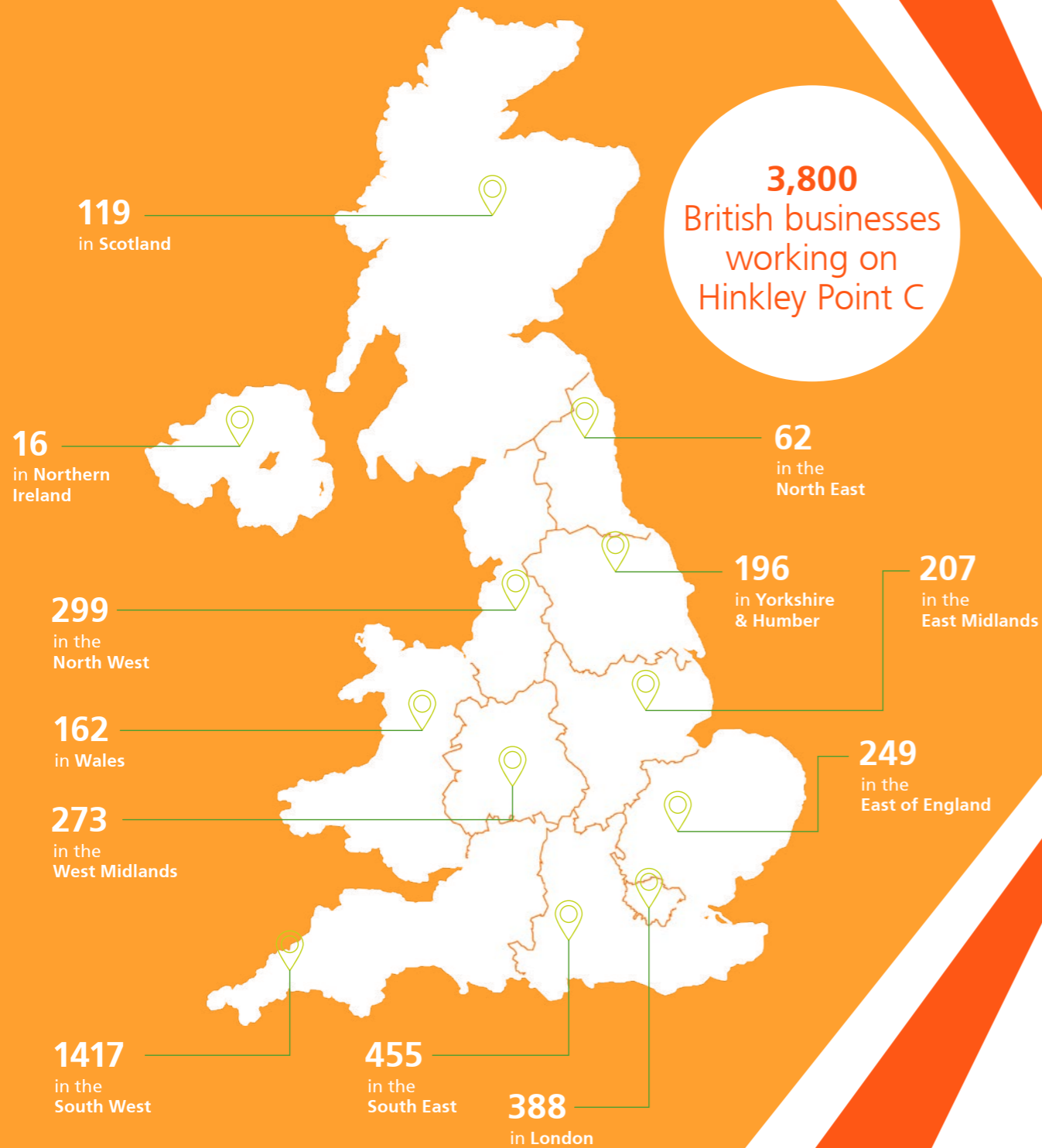
Liam has been employed on the project for the last three years and now works with Somerset Larder as a kitchen porter where he hopes to develop his interests in cooking.

*"I've really enjoyed meeting people and potential employers. Everyone has been really nice."*

*"I don't drive but they pick me up by bus which is brilliant. I love my job, there's nothing I don't like about it. I've made lots of friends here. I hope one day to learn to be a chef."*



# Supporting British Businesses



Hinkley Point C represents a multi-billion-pound opportunity for British businesses and at the end of 2021, around 22,000 people – across 3,800 British companies - were working to support its construction.

From reinforced steel suppliers in South Wales, to advanced engineering firms in the North of England, every region is benefitting from the project's economic opportunity.

We will deliver 64% of the value of the project to UK-based suppliers. This economic benefit is being felt across all regions - from the South West, where direct spending has now reached £4.1 billion - almost three times the original target, to the North of England, where over £1.2 billion has already been spent and more than 8,500 jobs will be supported over the course of Hinkley Point C's construction.

 **£18 Billion**  
the total projected economic value to the UK

 **22,000**  
jobs supported across the UK

 **£1.2 Billion**  
spent with companies across the North of England so far

 **71,000**  
jobs will be supported by the end of the construction

 **£4.1 Billion**  
spent with South West companies so far...almost three times the original commitment

 **64%**  
of the value of Hinkley Point C will go to UK-based companies



# Spotlight on Regional Impact

## South West



Bridgwater-based Berry and Escott are a specialist engineering and steel fabrication firm. Employing 45 people only a few miles from Hinkley Point C, the company has recently invested in new technology and expanded its steel fabrication and production facilities.



## North East



Jarrow-based KAEFER is delivering specialist steel ductwork sections for the reactor buildings at Hinkley Point C and is one of 62 companies based in the North East. The ductwork is being fabricated at KAEFER's Jarrow factory on the Tyne, with over 50 people working directly on the Hinkley Point C project.



## North West



Blackburn-based Assystem is providing engineering support to the Hinkley Point C project. The company employs 110 people directly on Hinkley Point C and a further 130 across the UK's nuclear power stations.



## Wales



William Hare is a specialist steel fabrication company, which is playing its part in building Hinkley Point C's turbine halls. Recent expansion at its facility in Risca, South Wales, has led to the creation of 75 additional jobs and apprenticeships.





# Opportunities for Skills and Employment



**Hinkley Point C is increasing social mobility through its recruitment, training schemes and supply chain. It is also helping to address critical skills shortages across the UK.**

The project has introduced more training schemes which are open to all candidates, regardless of their backgrounds or previous experience. This includes T-Levels and occupational traineeships. To date, more than 920 apprentices have been trained in a wide range of disciplines, from steel fixing to catering. This means we are on track to beat our target of 1,000 apprenticeships during the construction phase.

Our education initiatives are encouraging the next generation into STEM careers (science, technology, engineering and maths). And the Hinkley Point C Jobs Service continues to help local people into employment.

Hinkley Point C also represents an opportunity for UK suppliers to develop expertise in high-quality nuclear construction. Workers can use these skills to secure employment in the future, on other infrastructure projects such as Sizewell C in Suffolk.

 **£24 Million**

invested directly into **education, skills** and **employment**

 **15,000**

**jobs created** directly on-site so far

 **3**

**new training Centres of Excellence**

 **500**

**people trained** within new Centres of Excellence

 **15,500**

**people trained** and assessed at the Construction Skills and Innovation centre since it opened in 2015

 **922**

**apprentices trained** at Hinkley Point C so far



# Centres of Excellence: Developing skills of the future

Hinkley Point C has invested £8 million into three Centres of Excellence, with the third opening later in 2022. More than 5,000 people will be trained at these state-of-the-art facilities, before undertaking roles on the project and beyond.

Thanks to progressive agreements with unions before construction started, programmes are also open to those with no prior training, unlocking routes to work at Hinkley Point C and in the wider industry. These skills will be crucial to the project as it enters a new phase of construction, which focuses on mechanical and electrical installations.

The training opportunities are also helping to enhance the UK's industrial capability, whilst addressing critical skills shortages.



## Supporting Skills for Net-zero



## Welding Centre of Excellence

Trainees are learning the specialised techniques required for nuclear projects. Since opening in 2020, more than 500 welders have been trained and tested, ensuring they have reached Hinkley Point C's competency standards. The Centre also provides routes for those seeking employment in welding, through the government's bootcamp training scheme.



## Electrical Centre of Excellence

The facility, based at the Somerset Energy Innovation Centre in Bridgwater, provides training to support the electrical fit-out of Hinkley Point C. It also hosts candidates from the Hinkley Support Operative programme, which works to up-skill local people seeking employment and looking to begin new careers in construction.



## Mechanical Centre of Excellence

Due to open later in 2022 and located next to the Construction Skills and Innovation Centre in Bridgwater, the facility will feature simulations of the Hinkley Point C site. Students will be trained and tested in mechanical installation techniques including pipefitting, steel erection and plating, ensuring they meet the high standards required for nuclear projects.

*"The partnership between Bridgwater & Taunton College and Hinkley Point C continues to open up new training and employment opportunities for everyone – no matter their age, background or previous skill set. The new training Centres of Excellence are not only making a difference to local career prospects today, but will ensure Somerset has the skills needed for the next generation of net-zero projects."*

Andy Berry, Principal and CEO Bridgwater & Taunton College



# Apprenticeships

Hinkley Point C set out to create 1,000 apprenticeships during the construction phase. The project's apprentice numbers are rising, with more than 920 trained so far.

There is a course for everyone, from engineering and construction management, to HR and catering. It means people are gaining industry experience and formal qualifications, while being paid.

Hinkley Point C also pays into the government's Apprenticeship Levy, which is allocated to small- and medium-sized businesses across the South West. This funding has helped firms in Somerset, Bristol and Devon recruit and train their own apprentices.



## CASE STUDY

**Anna Gates**  
21, Bridgwater, Somerset  
Civil Engineering Apprentice

After an engineer visited her school, Anna was inspired to pursue a different path to that of her school friends.

Eager to avoid paying tuition fees while still gaining a prestigious qualification, she started investigating apprenticeships. For Anna, a Civil Engineering Apprenticeship at Hinkley Point C presented an opportunity to combine engineering with her passion for the environment.

*"I love the format of my apprenticeship. I'm getting hands-on experience on site, while also studying for a degree at the University of Exeter. It means I've got my foot on the career ladder already – all while avoiding taking out a huge student loan."*

*"I'm passionate about sustainability and I love that I'm using my skills to help the planet. I'm also contributing to a lasting piece of national infrastructure – that's what civil engineering is all about."*

## CASE STUDY

**Jack Roberts**  
21, Liverpool  
Level 3 Project Control Apprentice



Jack is originally from Liverpool, where he grew up hearing his father's stories about working in the construction industry.

Keen to acquire similar skills while also travelling around the UK, Jack applied for an apprenticeship role at Hinkley Point C.

*"I loved hearing my Dad's stories about his work in construction; he had travelled far and met some amazing people. My apprenticeship allows me to do the same. I'm now living in Somerset and working on the first nuclear power station to be built in the UK in a generation."*

*"I'm using some of the very latest digital technology and I can use these skills in future projects. My career is on an upward trajectory, and it's all been made possible because of my apprenticeship."*





# Opportunities for Everyone

## Reactor Operator Programme

The first cohort of reactor operators have begun an 18-month training programme. Their main role will be to monitor the power plant when it is fully operational. The training is delivered in classrooms and using a replica simulator of the Main Control Room. Two groups have been recruited so far, with more than 500 applications for 16 places.



### CASE STUDY

**Meg Moore**  
29, Bridgwater  
Trainee Reactor Operator

Meg grew up in North Wales and secured a job as an operations engineer at Hinkley Point B as part of an EDF graduate scheme. She is now training to become a future Reactor Operator at Hinkley Point C.

*"The course is rigorous because it'll be our job to ensure the reactor units run safely. We've got simulator replicas of the Main Control Room, where we are tested and put through realistic scenarios. It feels like the real deal."*

*"My classmates come from different backgrounds - many enrolled on the course have no prior nuclear experience, and it creates a great environment for learning. It's amazing to think we will have such a key role in the commissioning phase of the power station."*



## Supported Traineeship

This 10-week programme helps young adults with additional needs, such as autism, get their first step on the job ladder. Each candidate is provided with training before undertaking work experience, which leads to an interview. Working alongside charity partner, Discovery, job coaches are there to support them through the process.



## Occupational Traineeship

These six-week programmes, in steel fixing and civil engineering, are open to those who are unemployed or have little previous experience. Candidates work towards their CSCS cards, which allows them to apply for jobs on construction sites. Upon completion, candidates can also apply for apprenticeships.





# Supporting Employment



The Hinkley Point C Jobs Service helps to ensure that local people can access employment opportunities during the construction and operation of Hinkley Point C. A partnership between EDF, Jobcentre Plus and other local support organisations and training providers, the Hinkley Point C Jobs Service works closely with our contract partners to help identify upcoming opportunities on the project and assist in matching people to the available jobs.

Through the Jobs Service online portal local people are given priority access to job opportunities on the project, as vacancies are posted 48 hours before they are opened to wider recruitment channels.

Working within the local community, the team offers employment outreach and support where it is needed most. The Jobs Service team has delivered 24 events in the last 12 months, including multiple online events during the Covid-19 pandemic.

## CASE STUDY

**Stephen Mortimer**  
50, Stogursey, West Somerset  
Jobs Service Customer

Stephen spent 13 years with a commercial tyre business, working his way from a technician to operations manager. During the pandemic, Stephen was made redundant and found himself searching for job opportunities within Somerset.

Stephen attended a jobs fair with the Hinkley Point C Job Service team and signed up to the Job Service Portal to receive alerts and notifications of live vacancies matching his skills set. Stephen then applied for the Hinkley Support Operative bronze level training and attended the course in January 2022.

Upon completion of the Hinkley Support Operative training, Stephen interviewed for a number of positions on the project, receiving several job offers before accepting a role as traffic marshal with Bylor.

*"Living in Stogursey I have made friends with a number of people within the village who work at Hinkley Point C, so when I was made redundant I knew that there could be opportunities available on the project that might suit my skills."*



 **15,000**  
new jobs created to date

 **36%**  
workforce employed from the local area

 **1,500**  
people helped into roles by the Hinkley Point C Jobs Service

 **4,000**  
jobs set to be created during the next phase of the project

 **24**  
job events held in 2021

 **13,000**  
registered users of the Jobs Service platform

## CASE STUDY

### Job Service Support



The Jobs Service team offers advice, guidance and support in a wide range of areas relating to employment. When the Argos distribution centre in Bridgwater announced its closure in April 2021, putting 230 jobs at risk, the team provided support to those facing redundancy.

The team also provided mock interviews to Year 10 students at Robert Blake Science College in Bridgwater.

*"Not many students of this age will have undergone a real-world interview at this stage in their education. Providing these mock interviews is a great way to allow them to experience what a real interview is like and to prepare for the time when they will need to attend one. The Jobs Service team have been great in supporting the students and sharing the benefit of their skills and experience in this area."*

**Teacher, Robert Blake Science College**



# Education Programmes

With Covid restrictions lifting, the Hinkley Point C education programmes have finally been able to deliver face-to-face activities, whilst continuing to provide virtual and on-demand resources to the region's schools. Our main aim is to provide teachers and home educators with careers advice to Key Stage 2 – 4 students that are aligned to the curriculum and Gatsby benchmarks.

Having clear routes into skills and jobs is vitally important in ensuring that they can benefit from

the broad range of jobs and apprenticeships at Hinkley Point C.

The Hinkley Point C education programmes, in collaboration with its industry partners, have continued to develop free resources for young people in Somerset, including new digital assets, virtual career exhibitions, 'On Demand' career insights and vlogs from across the project.



**50%** of state secondary schools in Somerset engaged



**£400,000**

donated to Somerset Education Business Partnership



**£24 Million**

invested into education, skills and employment



**2,500**

students watched the HPC-supported Somerset County Council Talent Academy broadcast on 'Learn Live'



## CASE STUDY

### Max Bosley

20, Yeovil, Somerset

Young HPC "Graduate"

Max signed up to Young HPC in sixth form, when a physics fieldtrip sparked his interest in nuclear. The journey from Young HPC has led to a Nuclear Engineering Degree Apprenticeship at Hinkley Point C.

"I was in sixth form when the pandemic hit and suddenly our future seemed really uncertain. I decided to sign up to Young HPC after a physics field trip and it's been non-stop since then!"

"Young HPC led me to do a Level 3 Diploma in Engineering at the National College for Nuclear. And now I'm in my first year of the Nuclear Engineering Degree Apprenticeship, studying for a Foundation Degree."

"There are 20 per class – which means it is interactive and engaging; a much better learning experience than a traditional degree at university!"



## CASE STUDY

### Somerset Education Business Partnership

The Education Business Partnership was established in 2018 in response to skill shortages and recruitment difficulties in Somerset. It aims to create a prosperous Somerset by connecting employers with education providers.

The Hinkley Point C Community Fund donated more than £400,000 to the Partnership, which ensures Somerset young people are aware of local career opportunities and develop the skills needed to thrive at work.

Research has shown that young people who have contact with employers whilst at school are significantly less likely to become NEET – not in education, employment or training – and can expect to earn more money once they are in full-time employment.



**3,000**

students reached each year



**+£400,000**

funding from Hinkley Point C Community Fund



Engaged with every secondary state school in Somerset



**293**

Somerset businesses connected with local education providers



# Supporting the Community



Hinkley Point C has committed £20 million of community funding to improve the social, economic and environmental wellbeing of communities that are affected by the construction of the new nuclear power station.

Hundreds of projects have benefitted, with almost £13.3 million in grants awarded to date.

We recognise that a project of the scale of Hinkley Point C can affect the local community, which is why we take the responsibility of minimising local disturbance and maximising local benefit seriously.

Whether it's a free bus service to link rural communities, or our on-site healthcare provision that reduces pressure on local NHS services, we're committed to being a good neighbour.

 **£123 Million**

of community investment delivered to date against a target of providing **£130 million to support the community**

 **£13.3 Million**

of Community Fund grants awarded to local projects

 **5 Full-time**

Hinkley Police Officers fully funded with Avon and Somerset Police

 **£700,000**

to support tourism

 **£7.5 Million**

housing fund

 **Free Community Bus Service**

connecting Somerset's rural routes

 **Covid Vaccine Centre**

first vaccine centre on a UK construction site

 **Hinkley Health**

fully funded on-site GP surgery and minor injuries unit





**CASE STUDY**

**Minehead Eye**

Supporting Young People in West Somerset

Receiving £148,840 from Hinkley Point C's Community Fund, Minehead Eye focuses on increasing the wellbeing and resilience of young people in West Somerset. The 'wrap around care' approach plays an important role in overcoming the challenges of a rural community, making a real difference to the lives and prospects of people who need support the most.

*"Shortly after we were awarded the grant the pandemic hit. The crucial thing for us in the early days was to make sure we didn't lose contact with the young people. We've worked closely with other organisations, strengthening our relationships and demonstrating to young people that regardless of circumstances, we will always support them."*

**Paul Matcham, Community Development Manager, Minehead Eye**



**CASE STUDY**

**Christmas in the Community**

In December 2021, the Hinkley Point C campus at Sedgemoor opened its doors for local charities and their volunteers, treating them to a free three-course Christmas lunch and boxed meals. Volunteers and clients from the charities Nelson Trust, Arc Inspire, Westfield Church and CHARIS Refugees often find the festive season a challenging time with extra strain on volunteers' time and resources, so the offer of a warm meal was gratefully received.

The Hinkley Point C team also got together to offer meal donations to FareShare in Bridgwater, made 'pay it forward' donations of tea and coffee to a local café for the homeless and provided a bumper gift of toys to the Salvation Army.

*"We've been absolutely inundated with donations and it's clear that Hinkley Point C has done this many times before. We'd like to thank everybody who has given; this donation will help 175 families and 386 children at least."*

**Lieutenant Jonathan Culshaw, Salvation Army, Bridgwater**



**CASE STUDY**

**Free Bus Service Connecting Rural Communities**

Hinkley Point C currently funds a free community bus service, running Monday to Friday, calling at some of West Somerset's most isolated village locations.

The service has been running for five years since a local bus service provider ceased trading, presenting a challenge to rural transport links in the local area. Since then, Hinkley Point C's transport provider, Somerset Passenger Solutions, has made over 3,000 trips, helping local people with their daily lives, including accessing school and jobs.

Somerset Passenger Solutions also supports local schools and community groups with free bus services when they can.

*"It has been a genuine pleasure to operate this service for the community during the construction of Hinkley Point C. I've gotten to know some of our regulars within the community and I can see the real difference this makes helping them get from A to B in areas with no other transport links. I don't mind lending a hand with the shopping bags either!"*

**Neil Clements, Community Bus Driver, Somerset Passenger Solutions**



**CASE STUDY**

**Hinkley Point C Vaccination Centre**

Hinkley Point C is the first construction project in the UK to open its own vaccination centre. Workers are now having their coronavirus jabs on site, reducing the pressure on local health services.

The clinics are being held twice a week in the Hinkley Health Centre, which is staffed by GPs and nurses. The team have been trained in administering doses

of the Pfizer vaccine, including the booster jab. The project has now officially joined the government's vaccine programme, after being given approval by the UK Health Security Agency and the NHS.

The vaccine centre is part of a series of Covid measures in place at Hinkley Point C, which are designed to protect the workforce and surrounding community.



# Protecting the Environment

All energy technologies create some carbon emissions in their operation and construction, but recent studies confirm that Hinkley Point C's impact is even smaller than wind and solar. We are working to reduce that impact further and to help biodiversity thrive around our site.

Around 50 environmental specialists are helping to enhance local biodiversity and habitats, helping nature to thrive on land that had been intensively used in agriculture. This includes the creation of a newly restored area for nature on the site's southern boundary and support for a local wetland reserve.



## Low-carbon

Over its life, the electricity produced by Hinkley Point C will **generate less CO<sub>2</sub> than wind or solar power**



**9 Million**

**tonnes of CO<sub>2</sub> avoided each year**, compared to producing electricity with a gas power plant



**£540,000**

**donated to local environmental projects**



**100,000**

**lorry loads** will be taken off local roads by using the jetty



**50**

**environmental specialists** across the project



**65,000**

**trees and shrubs have been planted** around our site



**102**

**solar and hybrid tower lights** on the project, **saving 500,000L of diesel** from being burnt



**98%**

of the **steel reinforcement** used at Hinkley Point C is **recycled**



**50%**

Using the jetty cuts carbon emissions for **aggregate deliveries by 50%**





### 🔍 CASE STUDY

## Nuclear's Low-carbon Credentials

An analysis of Hinkley Point C's lifetime carbon emissions has confirmed that the overall carbon intensity of electricity generated will be even lower than wind and solar power.

Like renewables, nuclear power is 'zero-carbon' at the point of generation but, as with all electricity generation, CO<sub>2</sub> is released during construction, operation and decommissioning.

The emissions generated through Hinkley Point C's construction are small compared to the huge amount that will be avoided over 60 years of operations. Compared to burning gas, Hinkley Point C will take just 60 days to avoid the equivalent amount of carbon dioxide released during its 10-year build.

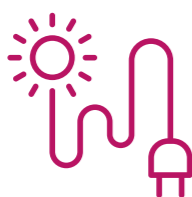
### Carbon produced by different energy sources per kilowatt-hour of electricity generated:



Hinkley Point C  
**5.5g**



Offshore wind  
**12g**



Large-scale solar  
**48g**



Coal  
**820g**



### 🔍 CASE STUDY

## Stearth Marshes, Wildfowl and Wetlands Trust

Hinkley Point C has been monitoring birds on the River Parrett and on the coast close to the construction site. The monitoring is part of Hinkley Point C's link with the Wildfowl and Wetlands Trust at Stearth Marshes, where the project funds a warden and has helped with the construction of new hides.

The restoration of the salt marsh habitat is increasing bird numbers which are up from 19,000 birds and 29 species in 2014 to more than 30,000 birds and 53 species today.

Stearth Marshes also has a critical role to play in carbon storage. The restored Saltmarsh stores as much carbon over four years as just over one million new trees grown for 10 years.



**4 years**

Stearth Marshes stores as much carbon over four years as one million trees grown for 10 years



**60%**

Bird numbers have increased by 60% since 2014



### 🔍 CASE STUDY

## Creating New Habitats

**We have completed an early restoration of the land at the southern edge of the construction site for local people to enjoy.**

Sitting near the village of Shurton, the landscaped area features a series of footpaths, winding through tens of thousands of newly planted trees and shrubs. Having originally been agricultural land, it has been converted into an area which will be far richer in biodiversity.

The space has intentionally been designed and landscaped to increase biodiversity, attracting a wide range of wildlife by creating habitats such as bird boxes, a badger barn and habitats for breeding water voles. Another design feature is the planting of a wide variety of native shrubs and trees, giving wildlife plenty to feed on in what is a sustainable habitat.



# Britain's Largest Net-zero Project

**Hinkley Point C is a critical part of Britain's energy future. Alongside wind and solar, its large volumes of reliable low-carbon electricity will help give the country a secure energy supply – without dependence on fossil fuel.**

The power station in Somerset is one of Britain's biggest projects in the fight to protect the environment from climate change. It will avoid the emission of around 9 million tonnes of carbon dioxide a year, whilst new analysis has confirmed that the lifetime CO<sub>2</sub> emissions from the electricity generated will be even lower than wind and solar power.

The project has been carefully planned to maximise the opportunities for British jobs, skills and industry. There are already more than 3,800 British companies with contracts to supply Hinkley Point C. The project will soon beat the initial target for 1,000 apprentices.

Now a new phase is underway in the power station's construction. The installation of many miles of electrical cables, pipes and systems will bring around 4,000 new people to the project. Progressive agreements with trades unions and work with education partners have made these jobs accessible to local people – helping them start new careers and learn life-long skills. This is helping increase prosperity in areas of the South West which have lagged behind the rest of Britain.

In the years ahead, using expertise and learnings from Hinkley Point C, EDF is also planning to build a near-identical nuclear power station at Sizewell in Suffolk. Sizewell C will further support the country's commitment to reaching net-zero, reducing the dependence on fossil fuels and limiting the most dangerous impacts of climate change.

GENERATING ZERO CARBON ELECTRICITY

**WIND + NUCLEAR + SOLAR**

HELPING BRITAIN ACHIEVE NET ZERO



[edfenergy.com](https://www.edfenergy.com)

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Registered Number 06937084.

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Designed and produced by  
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Helping Britain Achieve Net Zero  
 