

HinkleyPointC
Helping Britain Achieve Net Zero



Socio-economic Impact Report

2023

Proving the
Wider Benefits
of New Nuclear



Contents

04 Foreword »

06 New training places ready for peak construction »

08 Proving the wider benefits of new nuclear »

10 Progression, productivity and prosperity »

16 Supporting British jobs and industry »

22 Smashing apprenticeship targets »

24 Supporting local people into work »

26 Schools engagement »

28 Supporting the community »

34 Protecting the environment »

36 Providing a long-term legacy »



Hinkley Point C's Reactor Pressure Vessel arriving at the construction site in March 2023

Foreword

Giving people better skills is essential if we are to increase productivity and prosperity in Britain. Hinkley Point C is a case study in how it can be done.

The project shows that the transition to clean wind, solar and nuclear electricity is not only good for consumers but also a huge opportunity to deliver growth.

We have worked hard to maximise the opportunities for people and businesses in Somerset and across the whole country. This report shows that the ambitious socio-economic targets set in the planning of Hinkley Point C are being met and, in many cases, exceeded. Our new training centres will offer 30,000 places so that more people can join us as we reach the peak period of construction. The project will help them get better jobs and skills, benefitting them, their families and the communities they live in.

Hinkley Point C has the potential to provide Britain with clean, reliable and home-grown electricity into the next century. I am determined that our legacy will not just be the quality of the power station we build for future generations but also the scale of the positive impact we make during its construction.



Stuart Crooks CBE
Managing Director, Hinkley Point C



||| A move to Net Zero is not just a tool to solve the climate crisis, it has become the primary economic tool to deliver growth, to restore industry and manufacturing, to create new jobs and regenerate regions and local communities. |||

Chris Skidmore MP
Author of *Mission Zero: Independent Review of Net Zero*, January 2023

New training places ready for peak construction

Hinkley Point C will offer 30,000 new training places between now and completion. Three Centres of Excellence are open, alongside the existing Construction Skills and Innovation Centre. They'll train people for roles in the next phase of the project, offering in-demand courses in electrical work, welding, steelwork and pipe installation.

The project has invested £8 million into these new facilities. Due to progressive agreements made with unions before construction started, the courses are open to everyone regardless of their experience, age or background.

These skills are needed as Hinkley Point C enters its next major phase – the mechanical and electrical fit-out. The training opportunities will strengthen Britain's industrial capability, help people build new careers and will address areas of national skills shortage.

Meeting the productivity challenge

Wider data suggests that the efforts are already making a real difference. Hinkley Point C's home county, Somerset, is seeing the highest growth in productivity of anywhere across the South West region.

More locally, the district of Sedgemoor has seen the highest growth in household income across the region and the project's closest town, Bridgwater, has the highest productivity of any town or city across the South West.

As the commitment to support local business into the project continues, it is also heartening to see that the region, and Somerset in particular, is seeing a substantial growth in active businesses – well above the average across the country.



Training

30,000 training places available between now and Hinkley Point C's completion



Apprentices

1,131 apprentices have been trained at Hinkley Point C so far

Original target: 1,000



Job opportunities

19,250 jobs created directly on site so far

Target: 25,000



Skills investment

£24 million invested directly into Education, Skills and Employment



Proving the wider benefits of new nuclear



64%

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



£5.3 billion has been spent directly with companies based in the South West

Original target: **£1.5 billion**

22,000
people

from across the UK are working on Hinkley Point C

34%
locally based

34% of the Hinkley Point workforce is locally based

Target: **34%**



300 different training courses available to access for further opportunities

1,820
people

have been helped into new jobs by the Hinkley Jobs Service to date

£14.5
million

£14.5 million has been provided to local projects through Hinkley Point C's Community Fund

Target: **£20 million**

3,700
UK businesses
are in the Hinkley Point C supply chain



Progression, productivity and prosperity

Hinkley Point C is helping people across Britain to develop new skills. This allows them to move into higher skilled roles, with better pay and progression – in turn boosting regional productivity.

Training for the project has been designed to make opportunities open to as many people as possible – whatever their background. As the diagram shows, there is a wide range of routes into Hinkley Point C. The HPC Jobs Service helps local people get roles. The project has recently exceeded its goal of training 1,000 apprentices. T-Levels and traineeships are open to those at the beginning of their careers. Those who need more support are being offered placements which can lead to permanent employment. The project has also begun training the power station's future reactor operators.

Hinkley Point C also represents an opportunity for British suppliers to develop expertise in high-quality nuclear construction. Skills developed on the project will help them secure other specialist contracts. This will bolster local and national industrial capability, providing the workforce for Britain's future low-carbon projects, such as Sizewell C in Suffolk or small modular reactors.



Hinkley Support Operative Programme

Industrial placements

Reactor Operator Programme

Centres of Excellence

Occupational traineeships

Apprenticeships

Young HPC

Hinkley Jobs Service

Work experience

T-Levels

Graduate programmes

Supported traineeships

Three new Centres of Excellence

are helping to train local people and overcome a national skills challenge



The Mechanical Centre of Excellence

Opened in 2022 next to the Construction Skills and Innovation Centre in Cannington, the building contains replicas of parts of the Hinkley Point C site – where recruits are trained and tested in pipefitting and steelwork.



The Welding Centre of Excellence

Located at Bridgwater & Taunton College in Bridgwater, the Welding Centre provides training in the high standards demanded by nuclear projects – with people recruited via contractors, apprenticeships or the government's Bootcamp Training Scheme.



The Electrical Centre of Excellence

Designed to support the electrical fit-out of the power station, more than 400 people have now been trained at the centre, which is based at the Somerset Energy Innovation Centre in Bridgwater. Local people looking to upskill or retrain can also receive training via the Hinkley Support Operative Programme.



Bridgwater & Taunton College is proud of the ongoing partnership with Hinkley Point C, and we continue to collaborate with them to help provide the skills required for the project and the local area. Working together, we have played a key role in establishing three Centres of Excellence in Welding, Electrical, and Mechanical, which are critical assets for ensuring the future of new nuclear in the UK.

Our partnership is a shining example of how collaboration between education providers and employers can help create a more skilled and innovative workforce. It is a model for others looking to establish successful, sustainable solutions to the current skills gap while providing opportunities to the local community and leaving a longer-term skills legacy.



Andy Berry
Principal and CEO of Bridgwater & Taunton College

Milan Hajster, 56

Bridgwater, Somerset

Hinkley Point C Support Operative, MEH Alliance

The Hinkley Point C Support Operative (HSO) Programme offers training at varying levels for those looking to gain the skills needed to work on the project, before being interviewed for roles.

Milan worked as part of the NHS supply chain for 17 years, before searching for a role which would challenge him more. He successfully completed Hinkley Point C's HSO Bronze programme and gained a job on the project. He later enrolled on the HSO Silver programme in order to gain more specialised electrical training and is now working as an Electrical Labourer on the project.

"The Bronze course was great – I learned so much and earned my construction safety card, which is a nationally recognised qualification. I secured a job on site afterwards as a Fire Watcher – and it was great to get to know the site more.

But I was keen to specialise and soon completed the HSO Silver Electrical Training in the Electrical Centre of Excellence. It took six weeks – the teaching was great and I was taught everything from using hand tools to cable pulling.

I'm now working as an Electrical Labourer on the project, supporting the next phase of the build under the supervision of fully qualified electricians. I'm now looking to progress even further with an electrical apprenticeship."



Amal Jagadeesh, 28

Weston-super-Mare, Somerset

Trainee Reactor Operator, EDF

A fifth cohort of Trainee Reactor Operators has been recruited and will join the project this year. Operators like Amal will control the reactors when Hinkley Point C is operational. Hundreds of people applied for 14 spaces during this latest recruitment drive.

"I applied for a graduate scheme with EDF because I knew I'd be able to move around the business and experience different things. After spending time in the Main Control Room at another EDF power station, I applied for the Trainee Reactor Operator scheme at Hinkley Point C.

The training equipment on site is so advanced, it feels like we're getting world-class training.

I'm now married and living in Weston – and I'm looking forward to a long career at Hinkley Point C."



Alex Derbridge, 19

Bridgwater, Somerset

T-Level placement, MEH Alliance

Hinkley Point C is providing industry placements for people studying T-Levels – which is an alternative qualification to A-Levels, apprenticeships and other 16-to-19 courses. Students are given a mentor and experience on the project, preparing them for future employment.

Alex is studying for a T-Level in Digital Production, Design and Development at Bridgwater & Taunton College. During his placement, he spent one day a week with the MEH Alliance – which is the main contractor working on Hinkley Point C's next major construction phase.

"Before I started my placement, I didn't feel very confident in my own abilities. But the placement team made me feel welcome straight away, taught me loads and trusted me with important tasks.

Placement day soon became my favourite day of the week! It also confirmed to me that I want to become a Software Engineer and that I'm capable of doing that."



Nicola Ellen Giles, 33

Bridgwater, Somerset

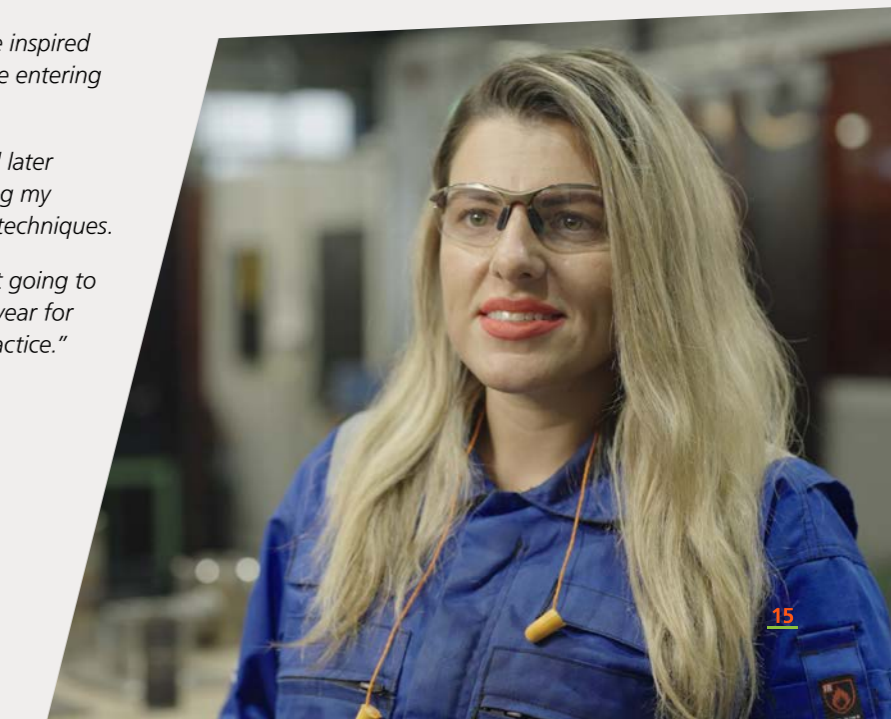
Welding Apprentice, Cavendish Nuclear

Since opening in 2020, more than 500 welders have been trained at the Welding Centre of Excellence. They are trained and tested in the specialised techniques required for nuclear projects, before moving into jobs on site. This next generation of workers is vital as the project moves into its peak construction, which will see thousands of rooms fitted with pipes, cables, and components.

"My friend went straight into welding after school and she inspired me to do the same. She told me how lots more women are entering this line of work now, so I felt comfortable.

I enrolled in a course at Bridgwater & Taunton College and later applied for an apprenticeship at Hinkley Point C. I am loving my course – I'm being shown all different types of welds and techniques.

You can see Hinkley Point C from the beach at Brean – but going to the site itself is amazing. I can't wait to go there later this year for further training and put some of what I've learned into practice."



Supporting British jobs and industry

Big projects need big supply chains and the construction of Hinkley Point C continues to offer opportunity for thousands of businesses across Britain. The project is making use of the expertise available across the country's regions – from high-quality component manufacturing in South Wales, to logistics and heavy lifting in the South West, and the advanced nuclear engineering capabilities of the North West of England.

Hinkley Point C's commitment to providing as much local and national benefit as possible is making a difference. 64% of the value of the project will go to UK-based businesses. The South West has already seen £5.3 billion invested into the local economy, whilst the North of England has seen spending of over £1.8 billion. Supporting British business also supports British jobs – 71,000 of them are expected to be supported throughout the country with many transferable to other infrastructure and Net Zero projects of the future.

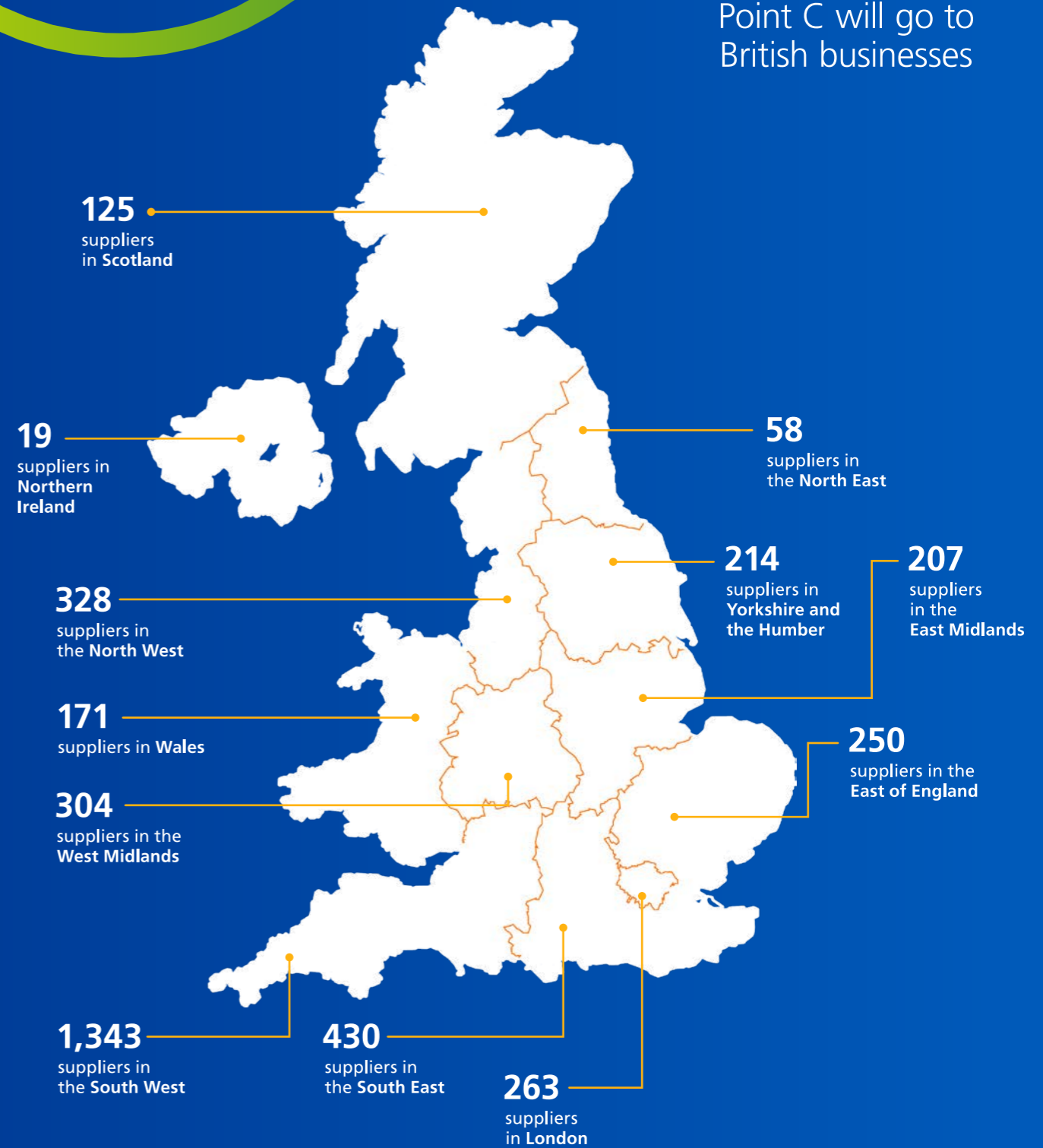


of the value of Hinkley Point C will go to British businesses

The Hinkley Supply Chain Programme

Since 2017, the Hinkley Supply Chain Programme has supported companies close to the project across the South West and South Wales and has helped smaller companies to reach the standards needed to win contracts.

The programme has supported more than 1,300 companies over the last six years, with more than £180 million of contracts being won as a result. The programme has also supported foreign direct investment into the region. Over 40 companies have been helped to move into the South West, creating around 1,200 jobs.



£1.8 billion
spent with companies across the North of England so far

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

£5.3 billion
spent with South West companies so far... three times the original commitment



Boosting regional capability

Investing in the North West

Cavendish Nuclear – Warrington

Based in Warrington, Cavendish Nuclear is a key member of the British nuclear industry, providing expertise to the country's existing nuclear fleet, the construction of Hinkley Point C and, in future, Sizewell C.

Now employing 140 people on Hinkley Point C, the company is responsible for the installation of high-quality equipment and pipework inside the reactor building. The company also supports around 5,000 highly skilled jobs across the wider nuclear industry and is using the new Welding Centre of Excellence in Bridgwater to develop future talent.



328 companies building Hinkley Point C



4,700 jobs expected to be supported through construction



£1.2 billion projected economic value to the region

Investing in Yorkshire and the Humber

Bilfinger – Hull

As part of work at Hinkley Point C, engineering and maintenance specialists Bilfinger UK have opened a new factory in Humberside to manufacture high-quality pipework for the power station. Creating 30 new skilled jobs at the site itself in Hull, the expansion will also build on the 350 roles created in recent years to support the development of nuclear power in Britain.

Holding a £400 million contract for work at Hinkley Point C, Bilfinger is expecting to grow further in Humberside, Teesside and the East of England.



214 companies building Hinkley Point C



1,100 jobs expected to be supported through construction



£273 million projected economic value to the region



Investing in the South West

Osprey – Portishead

Based in Portishead near Bristol, Osprey won a multi-million-pound contract to deliver Hinkley Point C's most critical components. Growing involvement over the past four years means that 34 people have now been recruited directly in support of the project.

The work and investment from Hinkley Point C is allowing the company to focus efforts on the future too – they are already providing services to the UK's next major nuclear power station development at Sizewell C, working with Rolls-Royce on the development of small modular reactors and have recently opened a new facility in Stockton-on-Tees in the North East.



1,343 companies building Hinkley Point C



14,200 jobs expected to be supported through construction



£7.3 billion projected economic value to the region



Investing in Wales

Boccard – Broughton

Nuclear and industrial specialist Boccard has expanded its operations into North Wales as a direct result of Hinkley Point C.

A new factory was recently opened in Broughton to make just some of the hundreds of kilometres of pipework required for the new power station, creating 200 highly skilled jobs. The facility will not only help in the construction of Hinkley Point C but is expected to also support other new nuclear projects across Wales and the UK.



171 companies building Hinkley Point C



3,200 jobs expected to be supported through construction



£815 million projected economic value to the region



Smashing apprenticeship targets

Hinkley Point C set out to train 1,000 apprentices during the power station's construction phase. The goal has been achieved well ahead of schedule – with the project now having trained more than 1,100. The programme's success has been due to the outreach work being done with local schools and training providers, such as Bridgwater & Taunton College.

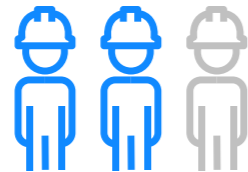
Apprenticeship numbers continue to rise and will continue to be available as construction progresses. It means people can gain industry experience and qualifications, while being paid. The programme is making a real difference in Somerset, with two-thirds of all apprentices from the local area.

Due to the number of skills needed to build the power station, there is a course for everyone – from welding and nuclear engineering, to HR and catering. Opportunities are also available regardless of people's previous experience, background, or age.

Hinkley Point C also pays into the government's apprenticeship levy, which is allocated to small and medium-sized businesses across the South West – helping them recruit their own apprentices.



1,131 apprentices have been trained



2/3rds of apprentices are from the local area



74 different apprenticeship standards

Charlotte Casey, 22

Bridgwater, Somerset
Nuclear Engineering Apprentice, EDF

Charlotte had big ambitions for a career in engineering but wanted to stay close to home. After speaking to the Hinkley Jobs Team at a college career fair, she began exploring apprenticeships on the project. Since completing her three-year course, she has secured a full-time job as an Operational Development Engineer on site.

"I'm proud to be following in the footsteps of my dad, who is a telecommunications engineer. Thankfully, my apprenticeship meant I didn't need to move away to study. My course has covered so much within the nuclear engineering field. My aim is to stay working on the project through the phases of construction, commissioning, and the start of its operational life.

The project has done so much for the area. I know a lot of people who didn't get that many GCSEs, but they're now working on the project and earning money while gaining valuable skills. We'll take that experience elsewhere once the project is finished."



Matt Danby, 28

Bridgwater, Somerset
Level 4 Chef Apprentice, Somerset Larder

Matt used to work at the fast-food chain KFC, before finding out about the apprenticeships available with Somerset Larder, which provides the catering for Hinkley Point C. He is now being trained in the kitchen in the accommodation campus on site, cooking for hundreds of workers.

"Before I came here, I was frying chicken – and now I'm cooking nutritious meals for hundreds of hardworking people, every day. Food is important to the workers because they need the energy. I'm pleased to have an opportunity to be developing skills, while earning. The working hours are also much more sociable and manageable than some of my previous jobs.

I'm developing my knowledge of mass catering and am being given lots of responsibility. The best bit about my course is the progress I'm being given – and seeing the workforce enjoy my cooking!"

Tilly Brown, 16

Morecambe, Lancashire
Business Administration Apprentice

After finishing her GCSEs, Tilly wanted to enter the world of work straight away. After struggling to find a suitable position close to home, she decided to move to Somerset and pursue opportunities at Hinkley Point C.

"I've never been an academic person, so I wanted to start my career straight after school. Moving away from home was scary because of my age, but I'm ambitious and that kept me going. I saw it as an adventure! My apprenticeship at Hinkley Point C is everything I'd hoped for. I'm learning loads and being trusted with important tasks. My manager's also letting me adapt my course to accommodate my growing interest in engineering and science.

I know I've taken the right path, and that my career will go from strength to strength here."



Hundreds of welding apprentices will be trained and assessed at the Welding Centre of Excellence every year

Supporting local people into work

The Hinkley Point C Jobs Service is a partnership between EDF, Jobcentre Plus, local authorities and other support organisations. It aims to help local people get jobs on the project.

The team works with project contractors to identify job opportunities and matches local people with the vacancies. Through the Jobs Service online portal, local people are given priority access to roles on the project. All vacancies are uploaded onto the portal 48 hours before they are posted to wider recruitment channels.

Employment hubs, made possible by Hinkley Point C, operate in the more isolated locations like Minehead, Stogursey and Williton – where people are given support in job applications, CV writing and careers advice.

Alongside outreach work, the team runs recruitment events which are attended by hundreds of people from the South West and beyond.



The Hinkley Point C Jobs Service Team are busy supporting local people into careers

Interview

Louise Brown

Jobs Service Lead, Hinkley Point C



What does the Jobs Service do?

"It fulfils our commitment to making sure the local community benefits from Hinkley Point C. We've got lots of contractors working on the project – and we make sure people living nearby have priority access to any vacancies that come up. We help those looking for a first job, new career, or those facing a change in circumstances – such as redundancy."

How do you do that?

"We have a website where people can register their interest in work at HPC and find out about local events we are holding. These events are hugely popular, and people travel from all over the UK to attend. They're an amazing chance for people to meet contractors and find out what jobs are available. If contractors are looking for a certain skillset, we can link them with suitable people who've signed up to the service. We also do community outreach work too – like regular drop-in sessions at Job Centres and local employment hubs."

What's the best thing about your job?

"I love helping people – and suggesting roles they may not have previously considered. There are so many different jobs on the site – be it steel fixing or housekeeping! We help people from all walks of life – some are looking for their first job or apprenticeship, others are wanting to upskill or retrain. We also support people through the application process itself, such as CV writing and interview techniques."

"I love seeing people we've placed rising through the ranks on the project – it's hugely rewarding."

The Under Construction Employment Hub

The Under Construction Employment Team in Bridgwater is funded by the project, in partnership with Sedgemoor District Council and other partners. It has helped local people gain new skills to take advantage of jobs at Hinkley Point C and with other local companies.



Last year, 232 events were held at the hub, helping jobseekers, and those looking to retrain or upskill. Since opening in 2017, nearly 20,000 information and advice sessions have been held and 319 people have been helped into new jobs. Through the hub, people can also secure training in literacy, numeracy, IT, and language skills.

The hub also runs support groups such as "100 Women First" and "Men4Sedgemoor", which help local people fulfil their potential by improving their skills, confidence, and wellbeing. Around 425 people have signed up to these programmes – which has helped members into paid work, start new businesses, or take up training opportunities.

Schools engagement

Hinkley Point C's education initiatives encourage pupils to embark on careers in STEM (science, technology, engineering, and maths). The Education Team carries out outreach work and provides free digital resources for young people in Somerset.

The team runs two educational programmes. The Inspire Programme is for students aged 16 and younger. It delivers free activities, workshops and assemblies across the region. In 2022, the team attended 131 events in the area and met 11,000 young people. The team also promotes apprenticeships and jobs, ensuring there is a clear route from the classroom into the project.

Young HPC is a fast-track programme for 16- to 21-year-olds in Somerset to join the project. Those who have signed up gain access to job and apprenticeship vacancies, and CV and interview support – so they can hit the ground running when they join.

A team of Young HPC "influencers" – people who have gained work on the project through the programme – are now working to break down barriers about the nuclear industry. The group has created more than 40 social media videos showing life "behind the scenes" on the construction site.

During 2022...



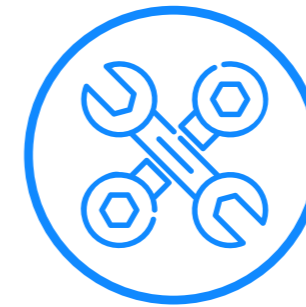
724 young people signed up to Young HPC



11,000 young people benefitted from Hinkley Point C's education programmes



73 Young HPC events delivered



30 STEM workshops delivered



65 schools and colleges took part in events



Students at Bishop Fox's School, Taunton taking part in an Inspire STEM event

Travis Redfern, 22

Taunton, Somerset
Young HPC Influencer

Travis signed up to Young HPC while at college after speaking to a representative during a careers fair. This led to a digital engineering apprenticeship and he has recently secured a full-time job with the project's main civils contractor, BYLOR. He is now working as a Young HPC "Influencer" encouraging others to consider careers in nuclear.

"Signing up to Young HPC was one of the best decisions I made. It prepared me for life on the project – professionally and personally. I could access CV and interview support and get an insight into what would be expected of me on site. It meant that I felt confident and ready when I joined."

I had no previous experience when I joined the project and I'm now working full-time on site. I'm proud of how far I've come – I'm a completely different person to the one that first signed up to Young HPC."



Supporting the community

The construction of Hinkley Point C provides enormous local benefit, but we recognise that a project of this scale can affect the local community. We take our responsibility to minimise local disturbance seriously.

We are committed to being good neighbours within the communities in which we work. In addition to local support measures, we have provided a £20 million Community Fund to improve the social, economic and environmental wellbeing of the local area.



Hinkley Point C's Visitor Centre in Cannington is helping to explain the need for a low-carbon energy mix of the future



£139 million of community investment into local infrastructure and community support
Original target: **£130 million**



£14.5 million of funding delivered to local projects through the Hinkley Point C Community Fund
Target: **£20 million**



1 full-time community safety officer



5 full-time police officers within the Hinkley Police Team



£700,000 invested in tourism



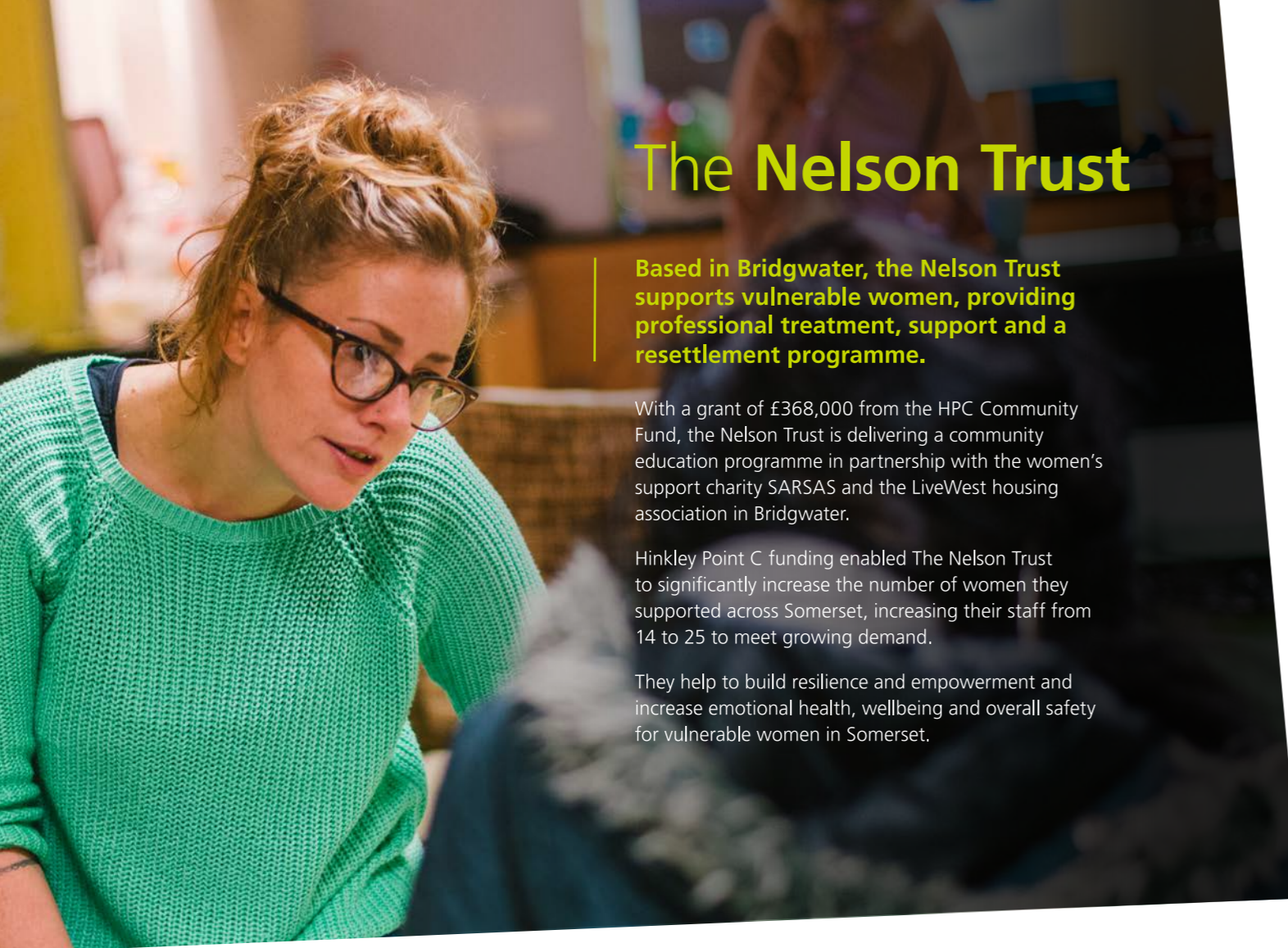
£9 million housing fund



Hinkley Health Centre providing on-site GP surgery and minor injuries unit



Free Community Bus Service connecting Somerset's rural areas



The Nelson Trust

Based in Bridgwater, the Nelson Trust supports vulnerable women, providing professional treatment, support and a resettlement programme.

With a grant of £368,000 from the HPC Community Fund, the Nelson Trust is delivering a community education programme in partnership with the women's support charity SARSAS and the LiveWest housing association in Bridgwater.

Hinkley Point C funding enabled The Nelson Trust to significantly increase the number of women they supported across Somerset, increasing their staff from 14 to 25 to meet growing demand.

They help to build resilience and empowerment and increase emotional health, wellbeing and overall safety for vulnerable women in Somerset.

The Minehead Men's Shed

The Minehead Shed is a shared space for the community to come together. The Shed's activities include woodworking, joinery, metalwork, and crafts. Open to men and women, the Minehead Shed received a Community Fund grant of £5,000 to continue working on creating a permanent space in which isolated people can come together.

"Sheds are known for being popular with retirees who often feel the loss of work friends, and an absence of purpose. Following a number of open meetings, it was clear that many people, young and old, wished to get together to take part in Shed activities."

"We know that having a permanent base will help to tackle loneliness and isolation and will bring many benefits to the community in and around Minehead."

Andrew Hazlewood
Chair of the Trustees



Bridgwater Carnival

The Hinkley Point C Community Fund will give £1.25 million towards an ambitious project to renovate facilities for the Bridgwater Carnival.

The grant will help provide a safe, secure and comfortable home for the construction of carnival carts for Bridgwater's annual Guy Fawkes Carnival.

Carnival plays an important role in creating a community spirit like no other, with many local people working together for the benefit and enjoyment of others.

Many of the facilities at the existing site need modernisation to meet future needs.



Diversity Voice

Diversity Voice, based in Bridgwater, champions the integration and inclusion of migrants and incoming workers in Somerset. The group was awarded £180,000 from the Community Fund to help workers from Hinkley Point C and the community in Sedgemoor and West Somerset.

"The aim was to help the integration of migrant workers and their families into the local community with advice and English language support and by delivering events and training to bolster intercultural understanding."

The funding from the Community Fund has been invaluable in delivering this and helping the communities we serve face the challenges of the pandemic and the UK's exit from the European Union."

Louise Russ
Treasurer and Trustee

Supporting local services

Local health and emergency services are being directly supported throughout the construction of Hinkley Point C.



The Hinkley Health Team with Chief Medical Officer Chris Whitty in June 2022

Hinkley Health Centre

Hinkley Health, the construction site's health centre, houses a full-time GP practice, 16 nurses, physiotherapists, physiologists, occupational hygienists and its own ambulance service.

The team helps to reduce pressure on local GP practices. Hinkley Health has trained student nurses, more than 570 Mental Health First Aiders and provides trauma-level first aid training.

Hinkley Point C Police Team

Funded by the project, the Hinkley Point C Neighbourhood Police Team is made up of a team of Police Officers focused on the local community. With experience of the project and the local area, they can react to local needs, supporting workforce and community integration on and off site.

Based in Bridgwater and HPC, the team has rolled out many campaigns over the year including drink drive initiatives and "Coffee with the Cop" drop-in sessions.



Hinkley Point C Fire Service

The Hinkley Fire Service helps reduce demand on the Devon and Somerset Fire and Rescue Service. Many of the crew are also retained firefighters at local fire stations, so the specialist training delivered at Hinkley Point C offers a training benefit to local stations.

The project also funds a Community Impact Mitigation & Tactical Support Officer in the Devon and Somerset Fire and Rescue Service.

Hinkley Point C Chaplaincy Team

The Chaplaincy Service is a national first for a construction project. Lead Chaplain, Reverend Ewen Huffman, runs a team of seven voluntary part-time chaplains.

The team act as a listening ear, looking after the wellbeing of those who work on the project. Working with the Occupational Health Team and the Mental Health Buddies, the chaplain service cares for individuals pastorally and spiritually.



Protecting the environment

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.

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.

Hinkley Point C'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, CO₂ 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.

Landscape restoration

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.



Over its life, the electricity produced by Hinkley Point C will **generate less CO₂ than wind or solar**



£540,000 donated to local environmental projects



9 million tonnes of CO₂ avoided each year, compared to producing electricity with a gas power plant



100,000 lorry loads will be taken off local roads by using the jetty



50 environmental specialists across the projects



65,000 trees and shrubs have been planted around our site



Providing a long-term legacy

The construction of Hinkley Point C is creating substantial positive social and economic impact for Somerset, the South West and Britain.

Hinkley Point C is now working closely with partners at local authorities, local enterprise partnerships, colleges, the Chamber of Commerce and Manufacturing Advisory Service to define and maximise the enduring legacy of Hinkley Point C.

900 jobs during 60 years of Hinkley Point C's operation

Repeating the benefits for Sizewell C and Suffolk

Hinkley Point C proves that a nuclear project is good news for the communities and region that hosts it. Sizewell C, the next planned new nuclear power station, will be a near replica of Hinkley Point C. It received planning consent in 2022 and government investment later the same year.

Building on the success shown in the South West, the project has already signed agreements with all Suffolk colleges and the University of Suffolk to ensure the skills are in place to meet the project's needs. Working with education and academic partners, Sizewell C will also support the creation of an 'Eastern Hub' with the National College for Nuclear. This will connect all Suffolk education and academic partners and will complement similar hubs being developed in the South West and North West regions. It enables a collaborative approach to course delivery, access to specialist industry mentors and trainers and shared learning opportunities. Students from colleges in the East have secured apprenticeships with Hinkley Point C on a skills conveyor system. It is hoped that most will return to Suffolk fully qualified and ready to help build Sizewell C.

Beth Suckling and Charlotte Ellis both studied Engineering, Maths, Physics and Further Maths at A-Level at University Technical College Norfolk, before they secured Nuclear Degree Apprenticeships at Hinkley Point C.

"I am really excited and a bit nervous to start my apprenticeship at Hinkley Point C. It will be my first time away from home but I am being supported with accommodation in my first year and pastoral support is provided by the project. I want to challenge myself both through the course and by living independently. Being able to gain industry experience and work alongside and learn from the team delivering Hinkley Point C is amazing and the fact that I am earning whilst I learn is a definite bonus! The development of Sizewell C means that I will be able to return back home to Norfolk in the future using the skills I will gain in Somerset." **Charlotte Ellis**

"I had my eye on this opportunity for a while and although I had been offered other placements my heart was with EDF and the nuclear energy industry. I hope to develop myself as a young professional and help spread awareness of nuclear energy." **Beth Suckling**

edfenergy.com

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