

# Hinkley Point C

## Socio-economic Impacts Report

### 2021



Start

# Contents

Foreword	04	▶
Exceeding our Ambitions	06	▶
Helping Britain Achieve Net-zero	08	▶
Supporting British Jobs and Industry	10	▶
Skills, Jobs and Education	18	▶
Supporting the Community	32	▶
Protecting the Environment	38	▶
About Us	42	▶



# Foreword

In the year that Glasgow hosts the COP26 UN Climate Change Conference, all eyes are on Britain's commitment to cut emissions to net-zero. I am proud that Hinkley Point C's reliable, low-carbon electricity will play a key role in helping the country meet its binding targets. As well as helping the environment, our power station has a vital part to play for people and the economy. With the country finally emerging from the shock of the pandemic, Hinkley Point C will create jobs and skills across the whole UK, just as they are needed most.

This socio-economic report shows that Hinkley Point C is smashing its original estimates for investment in the South West. The report details our far-reaching impact across every region of the UK in creating jobs and skills.

During the pandemic, we protected local suppliers, but had to pause some work on site to enable social-distancing and safe working. Now we are poised to increase numbers again. Our significant investment in education and training means many of these jobs will be open to local people who have never worked in construction before. British businesses are succeeding at Hinkley Point C, winning contracts and learning new skills. Their experience will help them do even better at the follow-on project at Sizewell C in Suffolk.

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



# Exceeding our Ambitions

 **64%**

of the value of Hinkley Point C contracts has been awarded to UK-based companies to date against a target of 57%.

 **£3.2 Billion**

spent with companies in the South West to date against a target of £1.5 billion during construction.

 **756**

apprentices trained on the project to date three-quarters of the way towards the target of training 1,000.

 **14,000**

people have now been trained and assessed at the Construction Skills and Innovation Centre and the Welding Centre of Excellence.

 **11,769**

job opportunities created on the construction site to date. We are on track to supporting the creation of 25,000 job opportunities on-site during the build.

 **36%**

of the workforce is currently recruited from the local area against a target of 34% during the construction phase of the project.

 **1,240**

people have been helped into new jobs by the Hinkley Jobs Service. The team are currently supporting 450 people struggling with employment as a result of the Coronavirus pandemic.

 **£123 Million**

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

 **£40 Million**

of additional funding has been accessed as a result of Hinkley Point C's investments into education and skills.

 **3,600**

UK businesses in the Hinkley Point C supply chain.

 **£11 Million**

provided so far to local projects from the Hinkley Point C Community Fund.

 **1,841**

members of the workforce who up-skilled in classroom-based training in 2020.

 **£18 Billion**

The total projected economic value to the UK.

 **71,000**

The total projected jobs to be supported by the project.

# Helping Britain Achieve Net-zero

Hinkley Point C will play a key role in helping Britain achieve net-zero emissions with enough reliable, low-carbon electricity to meet 7% of the UK's demand. The power station and another near identical copy at Sizewell C in Suffolk will be able to power around 12 million homes.

Nuclear electricity is a key part of a future energy mix that will include large amounts of wind and solar, allowing the country to move away from polluting fossil fuels like coal and gas. On-demand nuclear power is an essential compliment to intermittent power and will help provide homes and business with the reliable supply they need.

Fighting climate change will also require a move away from using different types of refined oil for transportation in cars, trucks, trains and ships. Homes will need to become more energy efficient and using fossil fuels for home heating

and cooking will be phased out. These huge changes to the way we live will require more electricity or alternative energies like hydrogen, made with low carbon electricity.

EDF is involved in all these initiatives and is helping millions of customers and businesses in the transition to net-zero by supplying zero carbon electricity and offering innovative new energy solutions.

In UK electricity generation, EDF already has more than 30 windfarms in operation and four times as much wind power in planning and development. It operates one of Britain's biggest battery storage units and is installing thousands of electric vehicle charging points and smart meters. Hinkley Point C is part of the bigger story of fighting climate change and we are proud of the part we will play.

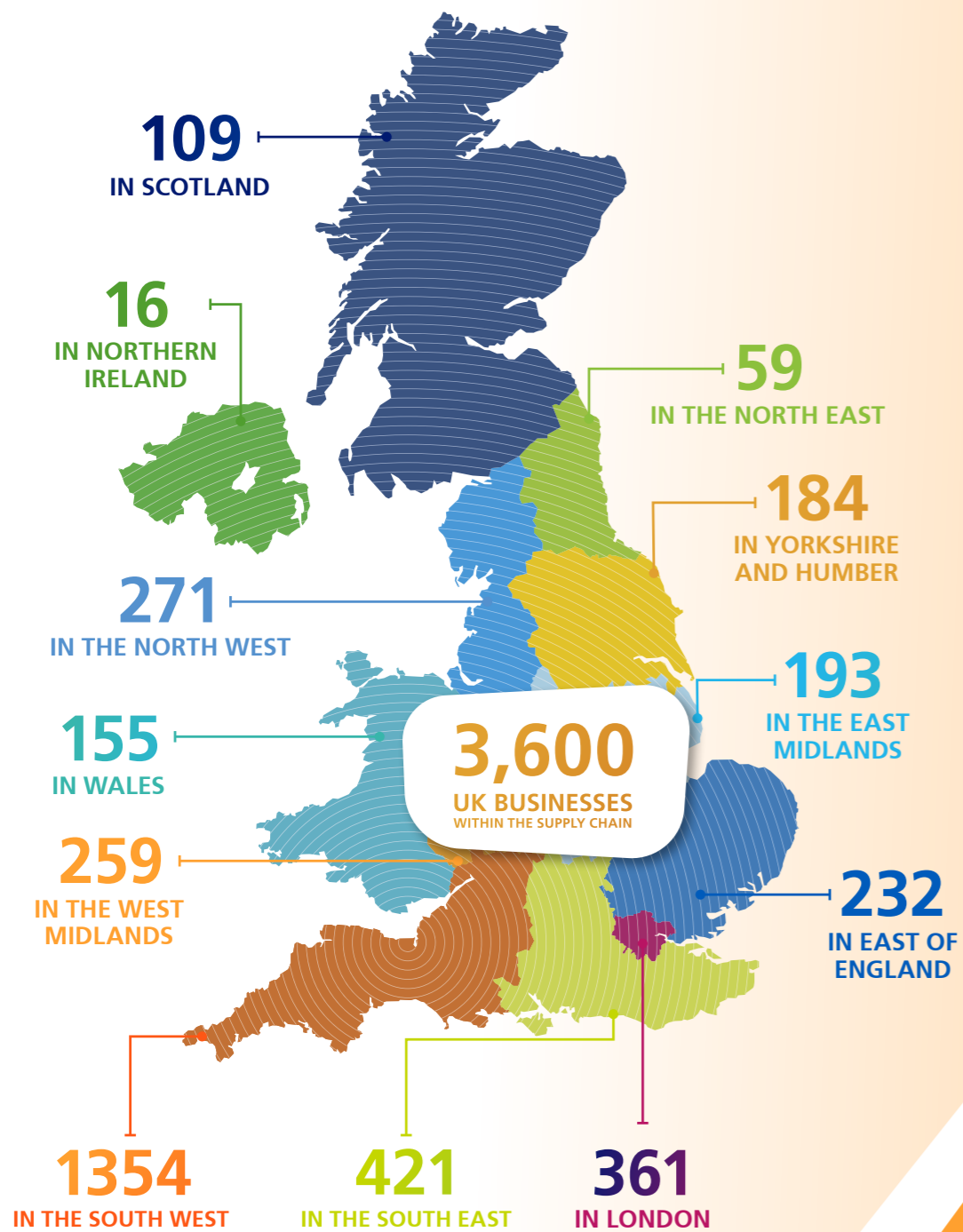
## GENERATING ZERO CARBON ELECTRICITY

# WIND + NUCLEAR + SOLAR

## HELPING BRITAIN ACHIEVE NET ZERO



# Supporting British Jobs and Industry



The investment from Hinkley Point C is helping UK suppliers to develop their capabilities in high quality nuclear engineering, building transferable skills for a workforce that can take on the global construction challenges and contribute to the post-pandemic recovery.

The direct economic benefit to the South West now at over £3 billion – double the original target and more than 1,300 regional businesses are part of the supply chain. On a national scale, 64% of the value of the project is going

to UK-based suppliers. From reinforced steel suppliers in South Wales to advanced engineering firms in the North of England, every region will benefit from the construction of the UK's first new nuclear power station in a generation.

The latest projections show that around £2 billion will be invested across the North of England alone as a result of the project. In turn, the work will be supporting employment for almost 8,000 people; a benefit that holds even greater importance as unemployment levels remain high.

 **£18 Billion**

The **total projected economic value** to the UK.

 **71,000**

The **total projected jobs** to be supported by the project.

 **£3.2 Billion**

**spent with companies** in the South West to date against a target of £1.5 billion during construction.

 **£140 Million**

**spent with companies** in Wales to date.

 **64%**

**of the value of Hinkley Point C contracts** have been awarded to UK-based companies to date against a target of 57%.



## CASE STUDY

# William Hare

Steel fabrication, South Wales and North West England



William Hare is a specialist steel fabrication company with Hinkley Point C contracts totalling more than £135 million.

With facilities in Bury, Scarborough and Grantham, William Hare expanded into Risca, South Wales, as discussions with Hinkley Point C progressed. The result was a multi million-pound investment into its newest facility, which currently employs around 60 people with plans to increase to 100, drawing on local expertise to fill the roles.

It's also committed to apprenticeships and upskilling, with around 8.5% of its workforce in "earn and learn" positions across its locations. The Risca facility alone hosts four apprentices with a view to recruiting five more in the near future.

Matthew Nesbit, Group Board Director, said: *"We have apprentices at all of our locations and the HPC work touches all of them. It has given us the opportunity to develop and upskill our workforce to the highest nuclear standards."*

*"We've directly invested around £10 million in plant, infrastructure and people at Risca. The confidence to spend that kind of money comes from the contracts we have at HPC, and we're proud that we've been able to have a positive impact on the local community."*

*"We're already seeing benefits to our work. To be associated with a project like HPC shows we can operate well above the required standards for other projects."*



The 16m-high turbine generator columns are being fabricated in Risca and painted by Cardiff-based Tema Protective Coatings.



## CASE STUDY

# KAEFER UK & Ireland

Specialist steel ductwork, Tyne and Wear



Gateshead-based KAEFER won a long-term contract to deliver specialist steel ductwork sections for the nuclear island at Hinkley Point C. The ductwork will be fabricated at KAEFER's Jarrow manufacturing facility in the North East, providing a huge boost for the local economy with over 40 skilled jobs, new apprentices, and contracts for supporting activities with the local supply chain.

Trevor Woodward, Director for Business & Strategy for KAEFER UK & Ireland, said of the contract: *"We are delighted to have signed this contract to work with Hinkley Point C. This is long-term, technical, high quality work and gives a big morale boost to our North East workforce and the local economy."*

This new contract is in addition to services already being provided by KAEFER on the project, with a team currently successfully delivering access and protective coating services on the construction site.

*"With the award of this contract for Hinkley Point C, we are pleased to be again playing our part in the construction of the UK's net-zero economy in which new nuclear power plants, such as Hinkley Point C and Sizewell C, will play a vital role."*

Chris Foulkes, CEO for KAEFER UK & Ireland

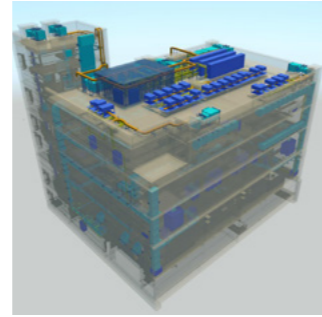




CASE STUDY

# Exyte Hargreaves

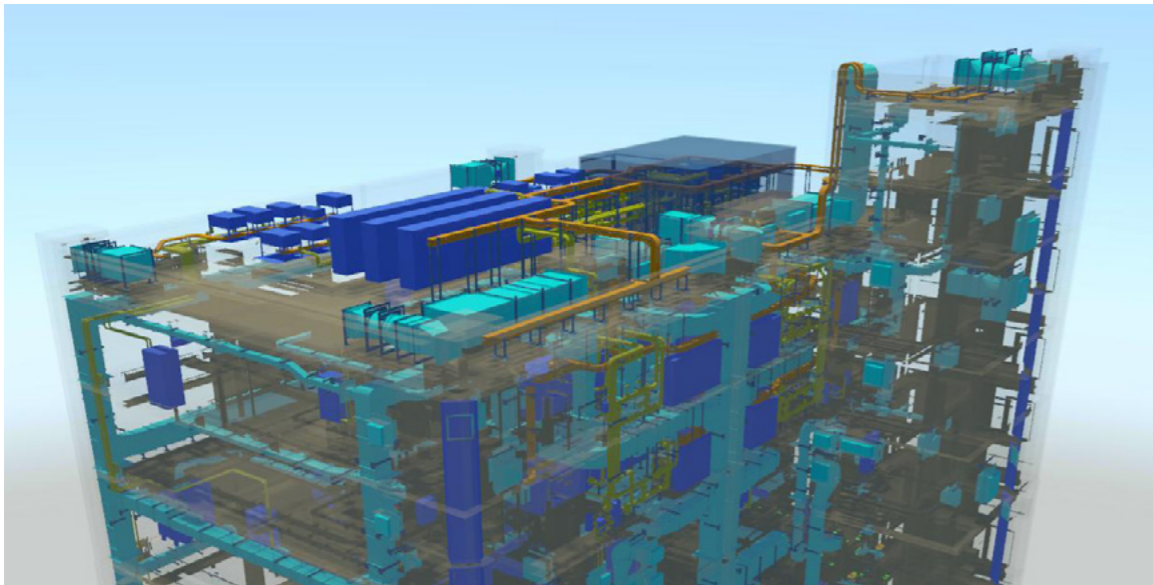
HVAC systems, Bury



Exyte Hargreaves, based in Bury, is designing, manufacturing and commissioning elements of the Heating Ventilation and Air Conditioning (HVAC) systems for the Conventional Islands at Hinkley Point C, with at least a third of the plant and equipment being manufactured in the UK.

The work is creating 30 new jobs across the South West as the business, which currently employs 260 people in the UK, sets out to recruit for project delivery, off-site assembly and site-based roles.

The project will also provide a number of new roles for apprentices in the South West and new training and development opportunities for apprentices on the Exyte Hargreaves Engineering Young Talent Scheme. The scheme provides young people with the opportunity to develop their knowledge, skills base and confidence – successfully completing their studies whilst gaining valuable experience working across different areas of the business including manufacturing, quantity surveying, project management and project engineering.



*"We are delighted with the appointment to provide the Conventional Island HVAC systems for Hinkley Point C. The new contract award will continue to strengthen our position and the new work will create a number of new jobs and development opportunities for apprentices in the UK."*  
Andy Sneyd, Exyte Hargreaves' Managing Director



CASE STUDY

# Quality Pipe Supports

Newtown, Powys



When Quality Pipe Supports (QPS) secured a multi-million pound contract to supply up to 16,000 ductwork supports for Hinkley Point C, it provided a boost not only for this family-owned company, but also for the heavy manufacturing sector in mid-Wales.

QPS will be supplying a range of welded and bolted steelwork supports for the HVAC (heating, ventilation and air conditioning) pipework on behalf of the MEH Alliance, a group of large companies that came together to install the mechanical, electrical and heating systems for the project.

Arwel Evans, General Manager, said the three-to-five year contract term will provide increased security for the Newtown-based business and its 40 employees. He said: "Nuclear will be a major feature of our energy mix for years to come. Hinkley Point C is a good-sized contract for us and consolidates our position with our current nuclear customers as well as for future nuclear builds."

Looking ahead, QPS will be bringing on new apprentices and full-time employees as the volumes for the contract ramp up.

The company has also bought nearby premises to increase its production footprint and options for the storage of finished components.

Arwel added: "This is such a prestigious project that our appointment as approved suppliers will undoubtedly boost our profile in the industry. It should also open up exciting opportunities with other customers who are already supplying components and services to the project."







CASE STUDY

# Mathias & Sons Ltd

Workwear supplier, Bristol



Mathias & Sons is a leading supplier of branded workwear and protective clothing in Avonmouth, Bristol. Having won a multi-million pound contract with Hinkley Point C, the company has grown by 25% in the past three years and invested in additional warehouse facilities to meet the rising demand.

The company now employs more than 50 people, having employed an additional 10 staff in the last 18 months – in large part due to the Hinkley Point C contract.

The contract is also providing a legacy benefit to this family business, as it now supplies a number of Hinkley Point C contractors for non-Hinkley-related work, further expanding this local supplier.

Jason Mathias, Managing Director of Mathias & Sons, said: *“We feel incredibly fortunate to have Hinkley Point down the road. EDF actively seeks to work with local businesses and because of that, the opportunities to the local community are absolutely huge.”*



CASE STUDY

# Elecsis Ltd

Engineering services, Bridgwater



With over 30 years of development and experience, Bridgwater-based Elecsis Limited won a £330,000 contract, working with Veolia Water Technologies, on Hinkley Point C’s raw water storage and water demineralisation control buildings.

*“We hope this will be one of many contracts as the project develops and we can show the quality and technical expertise of Somerset companies”* said Chris Pratt, Chairman and Managing Director of Elecsis.

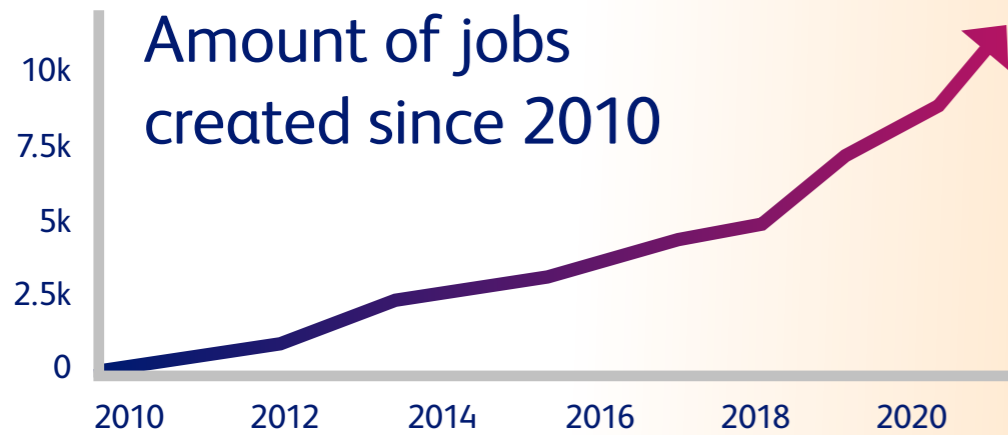
Elecsis worked with the Hinkley Supply Chain Team to keep up-to-date with all the latest contract opportunities at Hinkley Point C.

*“Hinkley Point C is a huge project, so having the Hinkley Supply Chain Team indicating potential contracts and also suggesting suitable suppliers to the Tier 1s is of great assistance,”* Chris added.



*“The supply chain team has always kept us informed when potential contracts have come on-line, as the project evolves we hope there will be more opportunities for our expertise.”*  
Chris Pratt, Chairman and Managing Director, Elecsis

# Skills, Jobs and Education



**71,000** jobs will be supported in UK

Apprentices trained target



Hinkley Point C is making a positive difference as the economic and social challenges of the pandemic continue to be felt. It is playing a key role in developing the UK's industrial capability for major infrastructure projects.

Almost £20 million of investment has supported the building of new facilities, creating new career and training opportunities for everyone, regardless of previous background or skill level.

Hinkley Point C is also helping to overcome critical skills shortages whilst providing new, sustainable career opportunities for people in the South West and beyond.

Working with key delivery partners such as Bridgwater & Taunton College, training facilities are already making a difference. Almost 14,000 people have now been trained or assessed through the Construction Skills and Innovation Centre, whilst the Welding Centre of Excellence and has 100 local young people taking on apprenticeships and a new government backed welding bootcamp for those looking to begin their careers.

**756**  
apprentices trained on the project to date.

**234**  
educational institutions engaged in 2020.

**250**  
people trained and assessed at the Welding Centre of Excellence, Bridgwater.

**13,842**  
people trained and assessed at the Construction Skills and Innovation Centre, Bridgwater.

**£19 Million**

of investment to support local training, education and skills provision. Over £40 million of direct funding has been accessed as a result.

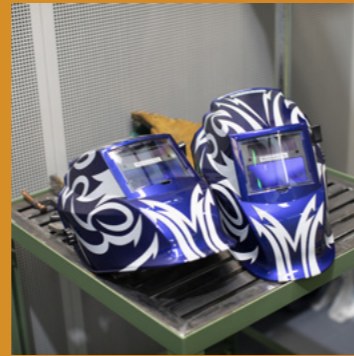
## Developing Centres of Excellence

Hinkley Point C is training a pool of skilled supervisors and technicians to support the ramp-up of mechanical and electrical installations. Training will be delivered through new Centres of Excellence and, in partnership with colleges, training providers and the Engineering

Construction Industry Training Board will provide a range of routes into highly-skilled, in-demand roles. These centres are supporting the UK's industrial capability or major infrastructure projects whilst addressing specific skills shortages.

### Welding Centre of Excellence

The Welding Centre of Excellence opened in autumn 2020 to address the national welding skills shortage. Making use of EDF's existing £4.5 million investment into the Energy Skills Centre at Bridgwater & Taunton College, the Centre is supporting training for local people and delivering programmes – such as the Government's Bootcamp training scheme – to provide routes into work for those seeking employment. Using the latest equipment, the Centre is ensuring the highest possible training standards for welding across nuclear projects.



### Electrical Centre of Excellence

The Electrical Centre of Excellence will be located at the Somerset Energy Innovation Centre in Bridgwater. Benefitting from a £4 million investment from EDF, the Centre will be used to train the skilled workers required for the construction of Hinkley Point C.



### Mechanical Centre of Excellence

Under development at the Construction Skills and Innovation Centre. This new centre will help to train mechanical engineering disciplines and house Hinkley Point C mock-ups which are designed to mitigate delays and risks to the programme, and to conduct mechanical technical testing to verify competency.

## Apprenticeships Overview

Over 750 apprentices have now been trained on the Hinkley Point C project. The project's ability to continue construction throughout 2020 ensured that apprentices remained a key part of the overall workforce, with numbers increasing by 103 between September 2020 and February 2021. Not only is this directly helping to

develop the UK's engineering and nuclear expertise, but it provides further confidence that the project will meet its ambition of creating 1000 apprenticeships during the construction phase.

 **756**

apprentices trained on the Hinkley Point C project to date.

 **18%**

of our apprentices are **women**.

 **57%**

of apprentices are **taking on training** at **level 3 or above**.

 **50**

**different apprenticeship** schemes currently being **delivered** across the project.



### CASE STUDY

## Stacey Sowden

Apprentice steel fixer, Somerset



When Stacey's friend shared an article on social media about Bylor and their pledge to drive more women into the construction industry, it immediately caught her eye – despite having very little knowledge of steel fixing or the construction industry.

Having grown up in Somerset, Stacey moved to Hertfordshire at the age of 16 to pursue her passion for football at the Arsenal Football Academy. Now, having started her steel fixing apprenticeship at Hinkley Point C, she has moved back to Somerset to complete her training.

Stacey said: "The Hinkley Point C project has given me opportunities I didn't know existed; the training provided is something any business should be proud of. I've been put through multiple training, including the IPAF. It's valid for five years and can be used in over 150 different countries - paid for and provided by the Hinkley Point C project.

*"What a fantastic opportunity for apprentices to gain extra skills and knowledge that will benefit them in their future careers.*

*"I chose to do an apprenticeship as I wanted to become further qualified and gain knowledge and experience in an industry I knew nothing about. My intention is to combine my skills and qualifications to become a blue or black hat on site, as one thing I have noticed since being here is that there are no female blue/black hats and I'd love to be the one that makes a change to that.*

*I am what they call an 'adult learner' and being away from home and my children has it challenges, but it's something that the project fully supports you with. There are so many people to talk to if you are struggling; you're never alone. Something which a lot of other companies, in my opinion, can learn from!"*





## CASE STUDY

### Sam Shaw

Commercial apprentice, Somerset



Sam grew up in Minehead and now lives in Watchet with his wife and children. Originally training as a bricklayer, Sam is now on a degree apprenticeship scheme with EDF, taking full advantage of the project's opportunities for skills development.

*"I did my GCSEs and BTEC before becoming a bricklaying apprentice. But I was miserable in my old job – I had gone as far as I could, demolishing and building walls, it became second nature (boring). I asked my boss frequently for a year or two before I left that I was very interested in doing extra training to help benefit myself and the company, but nothing ever progressed from there."*

*"Hinkley Point C is the exact opposite – the opportunities for training, networking and career progression are amazing. Being a mature student on the project is brilliant and you really feel valued."*

*"I am doing the 5 year commercial apprenticeship to train to become a quantity surveyor, also undertaking RICS assessment of professional competence to become a chartered surveyor. I believe that training in one of the roles on the Hinkley Point C project opens doors to work all over the globe if you wanted to."*



## CASE STUDY

### Aaron Oakley

Apprentice steel fixer, Cardiff



When Aaron Oakley returned to Cardiff from Germany with few school qualifications and a young family to support, he said he needed "a career more than a job", so he chose an apprenticeship at HPC.

Stability was high on the list of Aaron's priorities when it came to looking for a career. Now that he's completed his apprenticeship as a steel fixer with Bylor, the decision to work in construction has given him the security he was looking for.

Aaron said: *"I've ended up working in the galleries area at Hinkley Point C, on really good money compared to my friends. This means I'll be putting a deposit on a house later this year. If you'd told me two years ago that I'd be able to buy my own home, I wouldn't have believed it."*

The apprenticeship with Bylor has also given Aaron a solid grounding in construction. Studying at Bridgwater & Taunton College, he picked up essential steel fixing skills and knowledge of related topics such as abrasive wheels, manual handling and technical drawing.

Aaron now wants to gain as much from his current job as he can before looking to advance his career. The fact that he's working on the largest construction project in Europe will give him plenty of opportunities to progress.

He added: *"When I go back home to Cardiff at weekends, I can see the cranes of HPC from the local beaches. I point to them and tell my three-year-old daughter: 'That's where your daddy works'. It makes me feel really proud."*

## Apprentice Levy Transfer: Upskilling Local Businesses

**The Apprenticeship Levy is a government-backed initiative to support the training and development of apprentices across the UK. All large employers pay into the fund but Hinkley Point C has been instrumental in shaping its development – particularly to ensure that people and smaller, local businesses here in Somerset can benefit.**

This qualification will not only help him take his next career steps but is also helping to build regional capability; meeting a skills shortage for the region as a whole where advanced engineering skills are in high demand.

Hinkley Point C has started to target its apprenticeship levy on small and medium enterprises and micro businesses within the South West. This has allowed the project to directly support businesses in the region to rebound from the Covid-19 pandemic and, in so doing, has seen a further 15 apprenticeships created across businesses in Somerset, Bristol and Devon.

The project's levy fund has been of direct help to Devon-based Tom Gay who works for Hinkley Point C supplier Hydraulic Projects Ltd. The funding provided via the levy transfer has supported Tom in accessing a Level 4 Engineering Manufacturing Technician Higher Apprenticeship.



**Tom, an apprentice at a local supplier, who has benefitted from the levy.**

## Employment and Workforce Development

Hinkley Point C has worked with its supply chain, local colleges, Trades Unions and organisations such as the Construction Industry Training Board (CITB) and Engineering Construction Industry Training Board (ECITB) to support the UK's Industrial Strategy to improve productivity and reduce nationally significant skills gaps.

It is providing ongoing development of its workforce, as well as opportunities for local people looking to retrain and upskill. This is not only directly benefiting the project, but also building on the long-term legacy it is creating in the region.



### CASE STUDY

## Crane Simulator Takes Training to the Next Level

To become a crane operative requires extensive training and logging hundreds of hours of practice. But training on such expensive equipment and in a safety-critical environment is difficult. The answer? A crane simulator.

The simulator, developed by Bylor, is leading the way in training delivery and appealing to the next generation who can apply some of the skills honed in the virtual world of gaming.

Installed in November 2020 at the training school on site, the simulator is an important part of Bylor's training and competency assessment plan for lifting team members at Hinkley Point C.

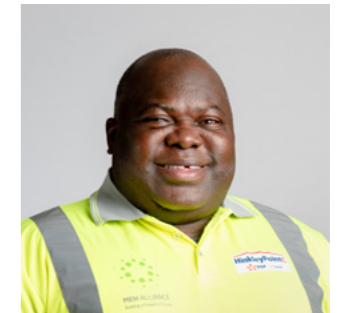
Operatives, slinger signallers and crane supervisors are being put through realistic crane scenarios and tested to the limits in high winds and poor visibility – all from the safety of the simulator driving seat, using controls that are exactly the same as the real thing.



### CASE STUDY

## Adeite Ademola

### Engineering Construction Operative



After first hearing about the Hinkley Point C project in 2017, Adeite Ademola decided to make the leap and follow his dream of becoming a rigger.

Initially joining the earthworks team, Adeite was involved in assisting the excavation, terracing, and road networks for the power station; a role that put him firmly at the centre of the project.

*"When I heard the MEH Alliance were recruiting for the Hinkley C project I thought to myself: this is a great opportunity to advance my career. I have*

*always dreamed of being a rigger, and with the right support, I feel, I can reach my goal here."* said Adeite.

Having recently completed one course, Adeite is ready for the next test commenting: *"I found the course challenging compared to other safety and construction courses I've been to before, but I really enjoyed it. This course has acted as a stepping-stone setting me on the road to following my aspirations. I plan to apply as an apprentice and complete my NVQ level 2 in Lifting Operations and finally achieve my dream of becoming a rigger."*



### CASE STUDY

## Carly Munroe

### Engineering Construction Operative



Having previously worked in the education sector, Carly Munroe is taking a leap of faith in developing her career on the Hinkley Point C project.

*"My partner received an email about the new Hinkley Support Operative (HSO) training course, but I was the one who applied for it. The construction industry has always been a male-oriented industry, but I would like to be part of this evolution where women can be in construction sector too."* said Carly.

*"No doubt this is a massive career change for me but the HSO programme could be a good opportunity for me to go down the welding route. I am really excited about furthering my training and I can see myself having some exciting months ahead of me!"* she added.



## HPC Jobs Service

The HPC Jobs Service is a partnership between EDF, Jobcentre Plus, local authorities, training providers and local support organisations. The team has a simple aim – to help as many local people into new careers as possible.

The Jobs Service Team regularly hold outreach sessions, which have been held virtually for the past year, providing support and advice to job seekers at a

time when unemployment levels are particularly high. Including supporting local people who found themselves out of work as a result of the pandemic, by offering advice on CV writing and job applications.

At a time when employment opportunities are scarce, the Hinkley Point C project is continuing to grow with around 1,700 jobs set to be created over the next 12 months alone.



new jobs created or safeguarded on-site.



of the workforce is from the local area.



live web events held in 2020. Over 250 individuals provided with careers advice and guidance.



people have been helped into new jobs by the Hinkley Jobs Service.



## Bec Nailor

Job seeker, Bridgwater



Bec Nailor is an early beneficiary of the HPC Jobs Service Facebook group, which was set up during the first lockdown as a way of engaging with local jobseekers when careers events weren't taking place.

*"I was looking to move jobs and had seen friends on social media tagging each other in posts on the Jobs Service Facebook group," Bec said. "I started following the page and soon saw a post for a PAI project support role in the site operations team at Hinkley Point C."*

*"Looking for jobs through other channels can be so frustrating, but the Jobs Service page is quick and*

*easy to use. I even shared a link from the Jobs Service with one of my friends and she's ended up working on the project too!"*

Bec, who had never worked in the construction industry before, has now been on the project since November 2020 and is enjoying getting to grips with her role and the site.

*"Construction can seem like a very male-dominated industry, but I've felt included the whole time and everyone is encouraged to further their careers – there are so many learning and development opportunities."*

## Job Service Virtual Engagement

During the pandemic, the HPC Jobs Service has continued to offer support to businesses who are making redundancies. Most recently, the team supported the Honda Plant in Swindon and Debenhams in Taunton, following recent closure announcements.

The team held online support sessions to the workforce who will be looking for alternative work due to the closures.

The sessions highlighted the vast opportunities available on the Hinkley Point C project and within the project's supply chain, as well as assisting with job searching techniques and offering application and CV-writing advice.

In delivering the Debenhams sessions, the HPC Jobs Service worked alongside Somerset West and Taunton Council to hold a series of online redundancy sessions, the first of which was in March 2021. The Honda event saw over 100 employees attend and work continues with the plant to hold another later in the year.



## Education: Inspire Programme

**With schools closed and events cancelled, the Inspire education team had a new target audience – parents and carers who were home-schooling their children.**

The existing resources of the Inspire website were supplemented with new curriculum and Gatsby benchmark-aligned\* lesson plans to support teachers and carers alike.

The Inspire education team developed a series of lessons, which included lesson plans, homework tasks and career learning to ensure teachers and home educators were empowered to provide vital careers advice and direction to Key Stage 2 – 4 students.

The education team also worked closely with Learn Live UK to deliver topical broadcasts and moderated an employer 'live chat' facility, answering questions from young people on work and career-related topics.



Additionally, the Inspire programme provided filmed segments to be included in the government-backed Oak National Academy 'My Week of Work' initiative. This programme was designed to help schools, parents and carers balance learning at home during the pandemic. By providing content for the My Week at Work programme, a much wider audience was reached, thereby further promoting the opportunities at Hinkley Point C to young people.

**In July 2020, HPC Inspire digital downloads were up by 52% compared to June 2020.**

\*The Gatsby Charitable Foundation provides a blueprint of what good careers provision looks like. The eight Gatsby Benchmarks are based on best national and international research and define all the elements of an excellent careers programme.



## Pre-16 Virtual Work Experience



The Pre-16 Hinkley Point C Virtual Work Experience with START Profile was designed to enthuse and support young people who have missed out on so much because of the pandemic. The programme provided innovative careers advice and guidance to 25 Year 11 students from Somerset during a two-week course, which was also made available on demand as a Careers Insight initiative, further increasing the reach of the programme.

This initiative provided a springboard to the Young HPC programme, MEH apprenticeship and Hinkley Point C opportunities.

The students completed a task around structural integrity and heard directly from senior leaders and apprentices about their experiences at Hinkley Point C, as well as completing a virtual tour of the new Welding Centre of Excellence.



## Education: HPC Elevate Programme

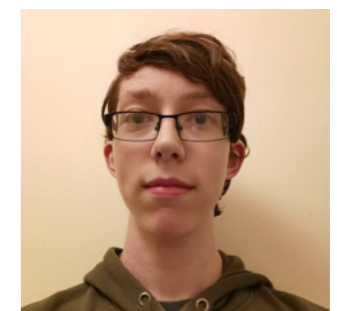
Young HPC, in partnership with Weston College, has developed a pre-work, pre-apprenticeship professional development programme for young people aged 16 – 21. The Elevate programme focuses on the skills and qualities required for successful transition into employment on the Hinkley Point C project and the wider world of work. The course offers young people the chance to improve their job prospects and to become the best candidate they can be.

Emma Hutchins, Training and Development Manager at Weston College, said: *"The Elevate course with Young HPC and Weston College is unique in that it brings to together students from all different colleges, courses and abilities. Students work in an online classroom for two weeks where they collaborate, share ideas and experiences, as well as get to hear from experienced industry professionals and apprentices. The overwhelming feedback from our students is that Elevate is a brilliant opportunity to improve confidence and teamwork skills as well as get the insider knowledge of what employers are looking for."*



## David Crofts, 17

**Elevate participant, Bristol**



David Croft attended a recent Elevate programme, learning more about the Hinkley Point C project and the apprenticeship opportunities that are available.

*"Elevate was a short, fun introduction to apprenticeships with EDF, involving both individual and team activities, where we developed our skills and learned about the industry."*

*"The course had several online group projects, such as the online treasure hunt where each step was a research task about Hinkley Point C, and the incredibly fun dragons den project, where we had to create a product which could benefit the construction or running of Hinkley Point C. Considering that we were online, and thus far more isolated than a typical group, there was an amazing amount of teamwork - we all worked well together and supported each other's thoughts and ideas!"*

*"The course also had some individual projects, such as when we learned about the different forms of interviews and how to tackle all sorts of situations."*

*"But most significantly (at least for me!) was when we got to talk to important people from Hinkley Point C, and those who are currently doing an apprenticeship on the project. Both were very open to our questions, and gave detailed answers."*

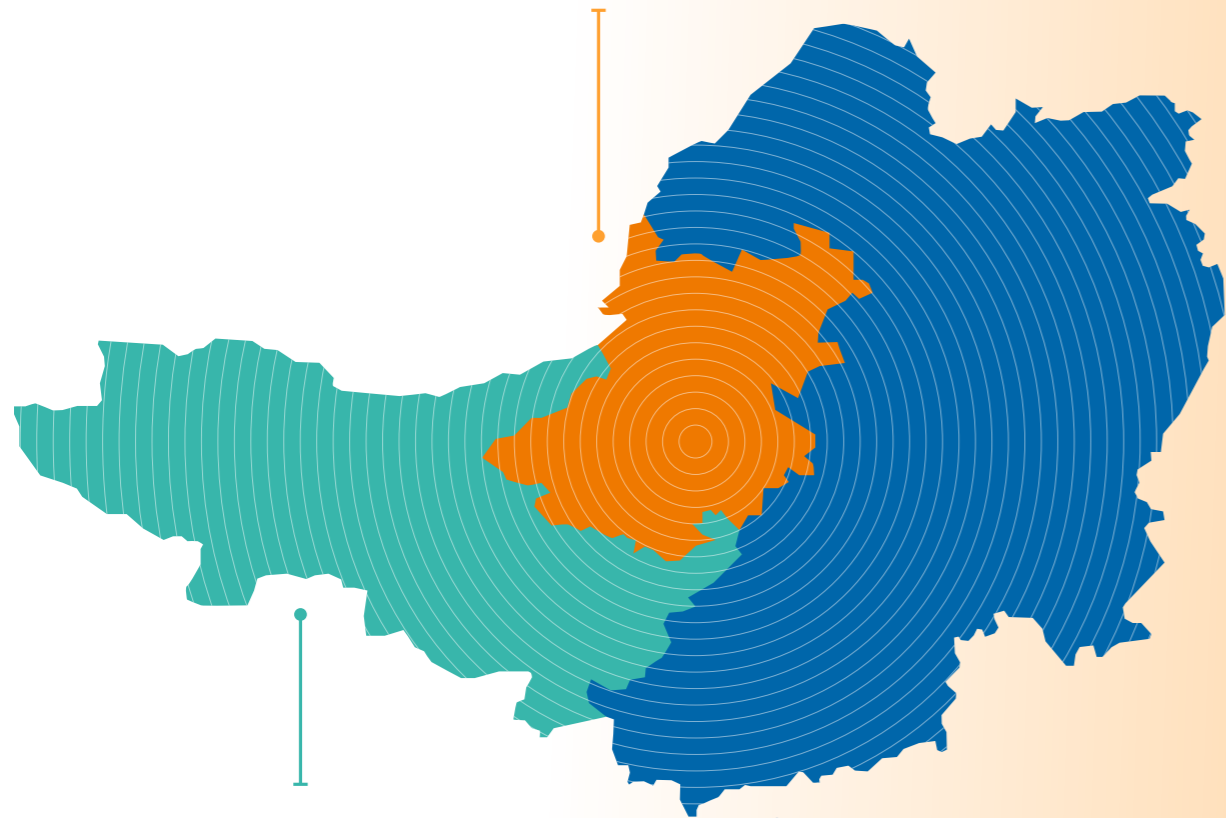
*"Now that the course is completed, I feel like I know much more about apprenticeships, particularly degree apprenticeships, which I wasn't really considering prior to this, but now I'm much more familiar with the upsides to it! I think it was a fun, highly informative, involved course which I would recommend to anyone looking for a career in the nuclear industry, or even engineering in general."*



# Supporting the Community

£5,565,598

COMMUNITY FUNDING TO SEDGEMOOR



£4,007,079

COMMUNITY FUNDING TO SOMERSET WEST AND TAUNTON

£1,504,953

COMMUNITY FUNDING TO WIDER SOMERSET

The construction and operation of Hinkley Point C is already providing substantial benefit and opportunity for the local community, but with such a large construction project it is essential that the potential impacts are managed and mitigated. The project continues to work closely with community partners to develop joint long-term plans to ensure it minimises local disturbance and maximises local benefits.

The local area is benefitting from a £20 million Community Fund for those most affected by the construction of the new power station. Over £11 million has now been invested in local projects to improve the social, economic and environmental wellbeing of affected communities.

£11 Million

provided so far to local projects from the Hinkley Point C Community Fund.

75

groups and individuals are represented on Hinkley Point C's Community Forum.

£123 Million

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

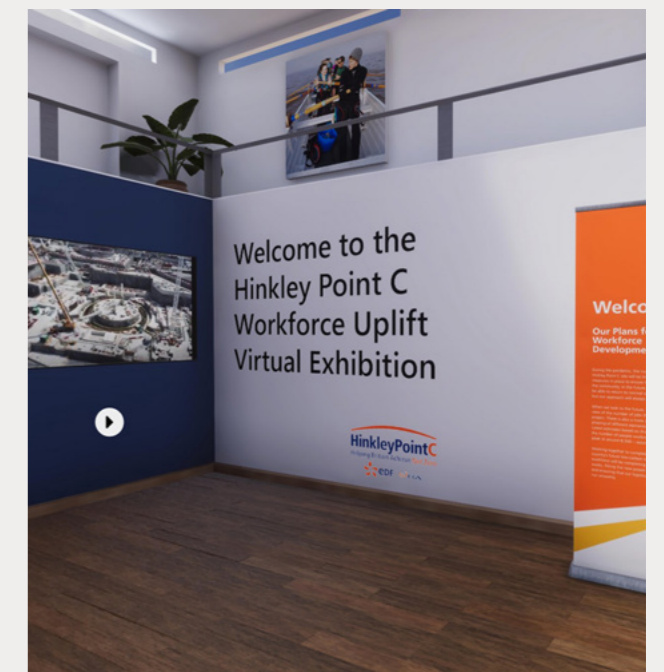
## Keeping People Informed

The Hinkley Point C Main Site, Community and Transport Forums meet regularly, allowing the project to keep in touch with its closest neighbours to understand concerns and offer regular updates on progress. Throughout the pandemic, they have successfully been held virtually.

The **Community Forum** has more than 75 local groups and individuals represented. Members advise the project on key issues affecting the wider community, working with the project on minimising impact and maximising opportunities.

The **Main Site Forum** has a more focused remit, providing those living closest to the project with regular engagement and opportunities to raise issues.

The **Transport Forum** focuses on issues affecting local roads and the project's work to minimise transport impacts.



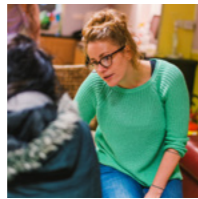
## Community Fund

Hundreds of projects and countless people across the local area have benefitted from Hinkley Point C's support. Grants totalling more than £11 million, from an overall fund of £20 million, have been awarded to a wide range of projects. They range from community centre and village hall developments, to local mental health organisations and environmental, education and tourism initiatives.

Although diverse, they have one thing in common – each is designed to improve the social, economic and environmental wellbeing of local communities. The aim is to fund activities that not only create stronger communities today but create a lasting legacy for future generations.



## Citizens Advice West Somerset



Citizens Advice West Somerset, based in Minehead, was awarded a three-year grant totalling £108,923 for housing support and advocacy services in areas most affected by the Hinkley Point C site. The funding will enable a specially trained member of staff and a funded outreach worker to provide advice on housing legislation and support for individuals and families. Trained volunteers will also provide support, increasing the sustainability of the project.

Susan Clowes, Service Manager, West Somerset Advice Bureau said: *"Our Hinkley Point C Community Fund grant has enabled us to focus on maintaining housing advice standards and deal with enquiries. We are now able to offer better services to local communities and work more efficiently with partners, preventing homelessness and creating innovative housing solutions."*



## Mind in Somerset



Mind in Somerset provides services and support to anyone affected by, or vulnerable to, mental illness, improving their quality of life and wellbeing. With a grant of £94,359 from the Hinkley Point C Community Fund, they have been able to strengthen vital support in Bridgwater. This has funded a support worker to lead a team of volunteers offering mental health support and coordinating community events.

Judith Moore, Mind in Somerset Sedgemoor Community Support Worker: said: *"The grant has allowed us to assist local people with their emotional and mental health. Clients who have been receiving weekly telephone calls have appreciated the supportive listening ear, the referrals made and the continuity of support. Feedback from clients show that they feel stronger, more supported and are more likely to reach out to friends. For a client who is very isolated, sharing interests and talking about friendships and other support networks has helped them cope with the isolation and feel positive about rejoining those social groups in the future."*



## Victory Hall



Stogursey Victory Hall, only a kilometer from the Hinkley Point C site, is one of the flagship projects funded by the Community Fund. Victory Hall has been designed for community use and will serve the local and wider area with facilities including a large multi-use hall, state-of-the-art changing facilities and a new high specification kitchen which can function as a small café or for large events such as weddings.

Replacing the old hall built in the 1950s, Stogursey's brand new Victory Hall has been made possible thanks to a £1.55m grant from the Hinkley Point C Community Fund.

The Stogursey Victory Hall project also attracted grants from Sport England, The Garfield Weston Foundation, The Fairfield Trust, Viridor Credits and Stogursey Parish Council.

Councillor Chris Booth, Executive Member for Community at Somerset West and Taunton Council, said: *"I am delighted that residents of Stogursey and the wider area will now be able to make use of their wonderful new hall. We have already seen some really great community projects enabled through the Community Fund and this is one of the most ambitious. These projects will immediately benefit those communities that have been impacted by the construction work at Hinkley Point C and will leave a lasting legacy for many years to come."*



## Wider Community Support

The Community is also benefitting from improvements to local infrastructure with the provision of new road improvements, cycle paths and a substantial investment in local accommodation to increase housing capacity.

More widely, the breadth of support also extends into community safety, tourism, health and wellbeing and the environment.



## Community Safety Lead

Ryan Kelly is the Community Safety Lead for the project – a role that is employed by Sedgemoor District Council and funded by the Hinkley Point C project.

Working on anything from safety lessons in schools and parking challenges in rural villages, to antisocial behaviour and ensuring welfare standards across caravan parks – his role is varied.

In collaboration with the Hinkley Point C Community Relations team, Ryan investigates and resolves concerns raised by members of the public.

On a typical day Ryan will give a presentation to Year 11 students on drug and alcohol awareness, visit a number of caravan sites together with colleagues in the Devon and Somerset Fire Service to advise on fire safety, liaise with the Nelson Trust which conducts outreach to vulnerable females and speak to licence holders in pubs about the safety and security of their customers.

Of his role, Ryan said: *"It is great to be able to work with local people to improve their quality of life and ensure they are able to benefit from the opportunities that the HPC project brings."*



## Southern Landscaping

As part of Hinkley Point C's commitment to leave a positive legacy for the area, the project is establishing a landscaped space on the southern edge of the construction site for local people to enjoy. Situated near the village of Shurton, the southern landscaped area will feature a series of footpaths, winding between tens of thousands of newly planted trees and shrubs.

The area has been planted and designed to create a biodiverse area which will attract a range of wildlife. Ponds and wildlife habitats also create areas for nature, whilst bird screens allows walkers to engage in bird watching.

When construction is complete, a further 100 hectares of land will be planted with native trees and shrubs, further improving the biodiversity value of this area.



## Safe Cycling and Walking with the Bridgwater Way

Cycling and walking safely in the local area is now easier, thanks to a new digital map app launched by The Bridgwater Way project and funded by Hinkley Point C. Those travelling by bike or on foot can now plan their journeys in advance or on the go by using the new app. The app allows users to tailor their view of the cycling and walking network, and features quiet, off-road routes and footpaths.

Run by Somerset County Council, The Bridgwater Way is a multi-million-pound project to keep the town moving as it goes through significant growth. The initiative includes investment in new roads and improvements to existing roads and junctions. It also offers tools and advice to make commuting easier and safer.



# Protecting the Environment

**40,000**

number of trees and shrubs planted to date

**2 months**

to offset HPC's construction CO<sub>2</sub> emissions



**99%**

of steel reinforcement at HPC is recycled

**100,000**

lorry loads taken off the road by using the jetty

**Hinkley Point C will provide reliable low-carbon electricity to 6 million homes for 60 years, playing a critical role in reaching net-zero and the latest carbon reduction targets set out by the government.**

Whilst the new power station will make a substantial contribution to the fight against climate change throughout operation, the construction process has also been designed to minimise impact as far as possible. The project is focussed on reducing emissions, reducing the volumes of materials used, managing water resources effectively, reducing and reusing waste, and protecting and increasing biodiversity.

Over the past 12 months, the number of diesel generators has dropped considerably so that around 80% of the site is now on mains electricity – heavily reducing emissions and improving air quality. The use of electric vehicles continues to expand as the charging infrastructure grows; Bylor, the main civil engineering contractor, is operating electric vans and Somerset Passenger Solutions is using electric vehicles for the project's fly-parking inspection team.

A total of 40,000 trees and shrubs have also been planted around the site and plans are in place for a final restoration of the southern landscaping area, which will further improve the biodiversity value of the area.



**CASE STUDY**

## Somerset Larder – From Field to Fork

From its inception in 2014, Hinkley Point C's caterer, Somerset Larder, has taken great care selecting its suppliers. Developing personal relationships with every food producer, farmer and drinks manufacturer associated with the business has been at the heart of its philosophy - setting standards for best practice within the industry.

Travelling less than 100 miles from source to distribution is a major part of the ambition, using seasonal produce from the rich variety of food and drink on offer in the South West region. For example, the company works very closely with Pynes Butchers, which is based close to the main production kitchen in North Petherton.

Other suppliers include Gundenham Dairy in Wellington, Glastonbury Spring Water, Yeovil-based Mortimer's Bakery and Arthur David fruit and veg in Bristol. The company also works with smaller food enterprises, giving them the chance to be part of scaled up catering contracts usually only open to larger producers.

Developing close links with the community is important, too, and the Somerset Larder is focussed on employing from the local area and forging links with apprenticeships via local colleges. This model is now being rolled out in other parts of the UK, where the Larder local principle is anticipated as being replicated with huge success.





## Sustainable Lighting - Hybrid and Solar Transition

Historically, the tower lighting at Hinkley Point C, as on most major construction projects, was diesel driven. This form of lighting can be very noisy and produces CO<sub>2</sub> emissions, which is why the project has actively sought to remove such lighting. Since December 2019 the project has halved the number of diesel-powered lighting, with a fleet of 102 solar and hybrid tower lights now on site.

This transition has resulted in a saving of nearly 500,000 litres of diesel from being burnt, or a saving of over 1,000 tonnes of carbon dioxide from being emitted into the atmosphere. Solar lighting also has the advantage of being silent and require very little maintenance, which helps in reducing the risk of injury and fuel spillages.



## Wildlife Monitoring and the Steart Marshes Warden

As part of Hinkley Point C's commitment to environmental protection, the project has been monitoring birds on the river Parrett and on the coast close to the construction site. The monitoring is helping to understand any potential impacts of the project on bird populations within the areas around site, which are designated as a Site of Special Scientific Interest (SSSI), a Specially Protected Area and RAMSAR site, because of its importance to birds.

The monitoring is made possible by a collaboration with the Wildfowl and Wetlands Trust at Steart Marshes – the closest nature reserve to the

construction site and where the project is funding a warden to take on the monitoring, as well as engagement work with the reserve's many visitors.

The Shelduck are a particularly important population in the area as they congregate in the mouth of the Parrett to complete their annual moult where they are particularly vulnerable to disturbance. The monitoring work has confirmed that there is minimal disturbance to birds by vessels working at Hinkley Point C in isolation, however it can be heightened when in combination with disturbance from walkers or dogs.



# About Us

## EDF

**EDF is helping Britain achieve net-zero by leading the transition to a cleaner, low emission electric future and tackling climate change. We are Britain's biggest generator of zero carbon electricity, meeting around one-fifth of the country's demand and supplying millions of customers with electricity and gas.**

With around 5 million accounts, EDF is one of the largest suppliers to British homes and businesses and a leading supplier of innovative energy solutions that are helping businesses become more energy independent. All of our home and small business customers get energy tariffs backed by zero carbon electricity as standard.

We generate low-carbon electricity from eight nuclear power stations, more than thirty onshore wind farms and two offshore wind farms, thousands of EV charge-points, and combined heat and power plants. Wind, nuclear and solar all produce electricity that is zero carbon at the point of generation and have similar emissions over the build, run and retire lifecycles.

EDF is leading the UK's nuclear renaissance with the construction of a new nuclear power station at Hinkley Point C, and is leading the development of plans for a replica at Sizewell C in Suffolk. Hinkley Point C and Sizewell C will provide low-carbon electricity to meet 14% of UK demand and power around 12 million homes.

EDF is one of the UK's largest investors in renewables, with 1GW of renewable generation in operation and over 4GW in construction,

planning and development across a range of technologies including onshore and offshore wind, solar and battery storage. We are constructing our largest offshore wind farm in Britain – the 450 MW Nearth na Gaoithe project in Scotland, which will be ready in 2023.

Our energy services business, Imtech, is one of the largest technical service providers in the UK and Ireland.

## CGN

CGN is a leading global clean energy company. It has the largest nuclear generating capacity in China, the third largest worldwide, and is the main developer of new nuclear power globally.

The company has more than 30 years' experience of safely and effectively developing, constructing and operating nuclear plants. It has 24 units in operation in China, with a total installed generating capacity of 27.14GW, and a further 7 units (8.23GW) under construction.

CGN is also a major investor in renewable energy, and has 38.6GW of installed capacity in 18 countries around the world. In the UK, the company is investing alongside EDF in Hinkley Point C, Sizewell C and Bradwell B, as well as in the project to secure regulatory approval for its UK HPR1000 reactor design. CGN also has 346MW of wind power in operation or under construction in England, Wales, Northern Ireland and Ireland.



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

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Registered Number 06937084.

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