

Plugged in



INSIDE:

- Wellbeing at Hinkley Point C
- Journey of award-winning apprentice
- The project's network of tunnels

The heart of Hinkley Point C

NIGEL'S WELCOME



Welcome to the Spring issue of **Plugged in**.

This will be my final introduction to an edition of **Plugged in** as I move to support the development of our twin project at Sizewell C.

Respect and consideration for our local community has been at the heart of my role since starting as Hinkley Point B's Station Director in 2007, through to the work to build Hinkley Point C.

I would like to thank you for your support over the years. It has been a pleasure to be part of the community and to keep you updated via this magazine. I look forward to staying in touch with the great progress being made here in Somerset.

The Hinkley Point C project continues to move at a significant pace, with the arrival of the the Reactor Pressure Vessel (page 4), an important step on our journey towards commissioning our power station.

We start to move into the MEH phase of the project, which focuses on the Mechanical, Electrical, Heating, Ventilation and Air Conditioning works. The team will install all the ductwork, cables and pipes needed to turn concrete structures into working buildings.

To date, we've installed more than 3,964m of pipework, 177 piping supports and 33m of ducts in the Electrical Building alone. By the end of the project, we'll have installed 10 million miles of electrical cable across the site.

Nigel Cann
Hinkley Point C Delivery Director



Remembering Jason Waring

At the end of last year, a tragic incident took place at Hinkley Point C that resulted in the death of a team member working on the project.

Jason Waring, a supervisor working for Bylor, suffered a fatal injury after a construction traffic incident in November. The loss of a member of the team has been felt across both Hinkley Point C and the industry.

The safety of everyone working at Hinkley Point C is the overriding priority and work is under way to enhance the already high safety standards demanded by the nature of the project.

Investigations are ongoing, including with the Office for Nuclear Regulation (ONR), to establish the details and to identify any necessary changes.

Our thoughts remain with Jason's family, friends and colleagues at such a difficult time.

THE SUPPORT SYSTEM ON SITE

The health and wellbeing of all team members is of the utmost importance at Hinkley Point C. The project has a number of resources and programmes in place to support the workforce. You can find out more about the various initiatives and groups that are there to help on pages 12 and 13.

Stacy's welcome



Welcome to the latest edition of **Plugged in**. Spring is here and I am enjoying seeing the burst of colour as the flowers start to bloom.

I am delighted to be editing **Plugged in** for the first time and hope to become a familiar face to many of you. I am sure you will all join me in thanking former Editor Vicki Dingwall for her efforts as she moves onto her next adventure.

In this issue we meet award-winning apprentice Anna (page 11), learn more about how fly parking is tackled at Hinkley Point C (page 10) and as we approach the Easter holidays, we hope our younger readers enjoy the activities on page 15.

Your feedback is always welcome, so please let us know if you have a story to share or would like us to explore a particular area of the project or wider nuclear industry. You can get in touch by using the contact details on the left.

Stacy Walker, Plugged in Editor

Supporting a wealth of good causes

Did you know Hinkley Point C has its own community fund, managed by Somerset Community Foundation, developed to support local good causes? This financial backing helps so many people – here are just a few examples of how this money is making a difference...

Find out more
If you are interested in applying for a grant from the HPC Community Fund, please visit hpcfunds.co.uk.



Photo credit: Timeless Images

Keeping the carnival torch alight

As the UK's oldest festival, Bridgwater Carnival is one of the region's best-loved events. The annual parade attracts more than 100,000 people, and the long-standing tradition is marked throughout the year with behind-the-scenes activity.

The HPC Community Fund has made a provisional award of £1.25 million to the Bridgwater Guy Fawkes Carnival charity, as part of the first phase of the 'Home of Carnival Project'.

This is contingent on confirmation of a further £3 million of match funding as part of the Bridgwater Town Deal, which is expected to be awarded in Spring 2023. This funding

could go towards an ambitious project to renovate facilities, providing a safe and secure home for the construction of carnival carts.

Funding could also go towards supporting a school outreach programme for children to get involved in carnival by designing masks and making lanterns.

Chris Hocking, Bridgwater Carnival Non-Executive Director, said: "The carnival is the lifeblood of the town.

"Grants help us make substantial donations to the many charities who lend a hand by selling programmes, holding street collections and organising car parks."



A space to connect

An £8,000 grant that allowed Minehead Shed to open has made it easier for local men to network. The community space offers fun activities for groups to enjoy in a bid to reduce loneliness and isolation.

Andrew Hazelwood, Trustee, said: "It is well-documented that men congregate best around a shared activity. A men's shed in Minehead will bring increased self-confidence while encouraging good physical and mental health."



A safe haven for women

More than 1,200 vulnerable women a year in Bridgwater and Sedgemoor can now access specialist residential help thanks to grants of more than £150,000 from The Nelson Trust. In total, they've had just over £500,000 from the fund.

The money helps to pay for the community education, outreach and intervention the charity provides, including help for women who've experienced trauma. The charity supports those with multiple vulnerabilities and complex needs, ranging from housing problems and substance abuse, to health issues, from its Women's Centres in Bridgwater, Gloucestershire and Swindon.

Developing understanding and awareness



With almost £50,000 from the HPC Community Fund, hundreds of young people in education and older people in residential care across Somerset West and Taunton and Sedgemoor have been able to take part in inclusion and equality workshops delivered by State of Trust.

The Taunton-based charity builds cohesion using the arts, bringing communities together and developing relationships through music and dance.

Deborah Baddoo MBE, State of Trust Director, said: "The workshops aim to break down preconceptions and offer reassurance, with the older adults' workshops incorporating both physical activity and mental stimulation, alongside reminiscence and movement work."

GET IN TOUCH

Have an interesting story you'd like to share, or know someone who has?

VISIT: edfenergy.com/hpc

EMAIL: hinkley-enquiries@edf-energy.com

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The heart of the nuclear reactor

One of the most notable parts of the power station arrived on site in February. The Reactor Pressure Vessel (RPV) sits at the heart of the reactor building.

There will be two nuclear reactors installed at Hinkley Point C. Each reactor will be vital in helping Britain fight climate change and improve our energy security.

Once operational, the pressure vessel is where nuclear fission will take place. The heat created by this

nuclear reaction is transferred to four huge steam generators which produce steam that drives the world's largest turbine generators, thus producing low-carbon electricity.

The RPV was manufactured in France and underwent years of testing before it started its journey to Hinkley Point C. As you would expect, it's been manufactured to incredibly exacting nuclear safety standards.

This is a massive piece of engineering, standing at 13m high

and weighing 400 tonnes, which made moving it a challenging and delicate task.

First it was shipped to Avonmouth Docks, before being moved by barge to Combwich Wharf.

The four-mile journey by road from Combwich took five hours, making use of a special piece of equipment you can read about below.

It will now be stored in a compound until it's ready to be installed in the reactor building.

Taking a load off

Did you know that some of the largest pieces of equipment at Hinkley Point C arrive on a remote-controlled vehicle?

You might have seen one on the roads around Combwich Wharf or slowly moving across the site. These vehicles are called Self-Propelled Modular Transporters (SPMTs), and they can load, lift, transport and set down deliveries all via a wireless remote control.

They are used to move Abnormal Indivisible Loads (AILs) – that's anything that can't be broken down into smaller pieces for transport – from Combwich

Wharf to Hinkley Point C.

The SPMTs remove the need for multiple trucks and cranes, which not only saves time, but is safer too.

It's not the quickest mover – it was clocked at a top speed of 2.24mph on a journey last year – but it keeps loads secure and level, while providing the controller with incredibly precise 360-degree steering.

SPMTs have been used at Hinkley Point C for the past year, and will continue to be operated for the movement of AILs.



LEADING THE CHARGE

The first fully electric refuse vehicle to be operated on the project is now in use at Hinkley Point C.

Biffa, which is responsible for the waste removal services on site, operates the electric refuse collection vehicle.

Andy De'Ath, Biffa Operations Manager, said: "The new vehicle will be one of the most-used electric vehicles on site, and it'll bring both environmental

benefits in terms of an overall carbon footprint reduction and better air quality, along with operational benefits, such as a decrease in noise."

It replaced a 2016 diesel model and the annual carbon saving for using it is projected to be approximately 23.5 tonnes of carbon dioxide.

It's also 40 pence cheaper to run per kilometre, representing a 46% fuel cost saving.



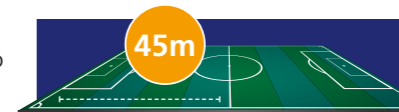
BEAMING WITH PRIDE

What are 45m long, 3m wide, weigh 143 tonnes and have travelled to Hinkley Point C from Switzerland – via the Rhine and Rotterdam – by boat, barge and road? That would be the two enormous polar crane beams – part of the big crane that will sit inside the roof of Unit 1.

It will rotate around the dome of the reactor building, moving heavy components during construction, maintenance work and refuelling.

Arrangements were put in place to minimise traffic disruption as the beams took the last leg of their journey, over

two weekends from Combwich Wharf, down the A39 and into Hinkley Point C.



DID YOU KNOW?

At 45m long, the beams will be the longest loads delivered to the site across the whole-life of the project. That's almost half a football pitch in length.

MISSION 2 COMMISSION



The Mission to Commission

Hinkley Point C is a vast construction site with work going on around the clock: from concrete being poured and huge quantities of steel being installed, to miles of electrical cabling being laid across the site.

During this work, it's important to keep focused on how all the structures and buildings will work together to generate zero carbon electricity for six million households across the country. That's why this year, the focus is on the project's Mission to Commission.

Mission to Commission is the programme that moves the project towards commissioning, which is the testing process that ensures the plant runs safely before it's switched on and starts generating power.

Much of the equipment on site will have already been tested before being delivered to the project, but it's crucial that the complete systems are tested once all the pieces have been installed.

Nigel Cann, Hinkley Point C Delivery Director, said: "Mission to Commission focuses our minds on commissioning the power station and getting it ready to start generating 7% of this country's power, providing much-needed zero carbon electricity for Britain."

A SAFE PAIR OF HANDS



As Nuclear Safety Culture Lead for Hinkley Point C, Tom Hughes (pictured) is focused on encouraging everyone to play their part in safeguarding the future reliability of the project.

Tell us about your job...

"I ensure that everyone across site and in our supply chain understands their role in securing the safe and reliable future operation of the power station. This means educating colleagues about nuclear safety."

What does your role involve?

"I run webinars, briefings and training courses to get the nuclear safety message out to all colleagues. We have a vast number of workers on site and the majority have never worked on a nuclear facility before. I make sure everyone knows how rigorous nuclear safety standards are. For example, a 10mm error might be okay on a standard construction site, but on a nuclear construction site, it won't do. My role also includes fostering a speak-up culture where colleagues are comfortable to say when something isn't right."

The best thing about my job is...

"That here and now, we are working on the future safety of the power station! I'm an aerospace nerd and when you look at issues with plane accidents, you often see there were historical issues during construction that impacted the future operation of the planes. My role here is to mitigate those potential issues. Everything on a site like this is connected, from the grid connection and the power supply to the turbines and the reactor. We've made a promise to provide at least 60 years of reliable low-carbon energy production for the UK – and that's a promise we're going to keep."



DID YOU KNOW?
The three tunnels already excavated on site are made up of 37,602 segments.

GOING UNDERGROUND

Did you know that some of the most complex engineering work taking place at Hinkley Point C will never see the light of day?

The cooling system for the site's two nuclear reactors relies on three large tunnels, which will transport water into the plant and back out again into the Bristol Channel.

Contractor Balfour Beatty is overseeing these works and has already excavated three tunnels on site using specialist Tunnel Boring Machines (TBMs).

Last year, the team successfully lowered six concrete structures, called 'heads', onto the seabed of the Bristol Channel. These 5,000-tonne structures allow water to flow into Hinkley Point C's water cooling system and sit above the three tunnels.



Now that work is complete, the next focus will be connecting the heads to the tunnels underneath the seabed.

Each of these excavations create an additional 20m of tunnels, and there are six connections that need to be made.

On the surface, there will soon be two large jack-up vessels, which will bore downwards through each of the heads towards the tunnels underneath.

These huge vessels have support legs that stand on the seabed and raise them up so that there is a stable work area

even in rough weather and whatever the tide.

Once the vertical tunnels have been excavated, large steel liners are fitted. Over the next couple of years, work will continue to connect the vertical shafts to the horizontal tunnels.

Even though the design, engineering and construction of this particular tunnelling operation have been done before, this is the first time all these elements will be coming together. Another world first for Hinkley Point C!



Construct a career at Hinkley Point C

Hinkley Point C is the largest construction project in Europe, with jobs available for people of all ages and in a variety of roles.

If you've just started searching for work or are looking for your next move, the dedicated Jobs Service team is your first port of call when it comes to anything career-related on the project.

From information on apprenticeship opportunities and job vacancies to upcoming community events, the experienced team has the knowledge needed to support you in the search for your next job role on the Hinkley Point C project.

The roles available aren't just construction-based either. There are full-time, part-time and flexible opportunities in a host of other areas, from catering to facilities management. The team

also advertises jobs with local companies located off-site in the project's supply chain.

They can support you with your application, assisting with things like CV writing and job interview techniques.

Anthony Britten, Employment and Skills Specialist, said: "We're asked a lot of questions, and if we can't help with a specific request, we can often point individuals in the right direction as we have a lot of project contacts."

Interested in a career in nuclear construction? Visit the Hinkley Point C stand at the Bridgwater Jobs Fair at the Canalside from 10:30am to 3:30pm on Tuesday 18 April. For more information on upcoming events and to explore what options are open to you, visit hpcjobsservice.edfenergy.com.

Just the job

So many people are making the most of the opportunities available at Hinkley Point C. In 2022, there were...

5,268
new registrations
from people
interested in jobs

1,060
jobs
posted

280,000
visits to the
Jobs Service
website.

Supported Traineeship open for applicants

Hinkley Point C, alongside Bridgwater & Taunton College and specialist training provider Discovery, operates a Supported Traineeship programme to help young people with disabilities with their professional development. The scheme has been so well received that it's returning in 2023.

Aimed at individuals aged 18-24 with special educational needs or an Education, Health and Care Plan, it provides eligible applicants with employability training and on-the-job learning via placements at Hinkley Point C.

Three of the five trainees in the latest cohort secured employment after completing the programme, and plans are in place to make the next one bigger and better than ever.

Donna Brown, Skills Development Coordinator, said: "These young people get so much value out of the placements that we've extended the duration of this part of the programme from five weeks to eight. We've had great feedback from trainees and employers alike – the programme is really impactful."

APPLY NOW

The 2023 scheme will kick off in October. For more information, contact donna.brown@nbn-edfenergy.com or visit btc.ac.uk/courses/other/foundation-studies/hpc-supported-traineeship/.

PUTTING A RING ON IT

Late last year, a massive 304-tonne structure, known as Liner Ring 3, was lifted safely and securely into position on the first of Hinkley Point C's two reactor buildings. It made for a striking picture and has changed the skyline of the site, but what does this mammoth structure do?

WHAT IS IT?

The reactor buildings at Hinkley Point C consist of an inner and outer protective wall with a gap between the two. Liner Ring 3 is a critical part of the inner protective wall and sits alongside a pre-stressed concrete layer.

WHAT IS ITS PURPOSE?

Liner Ring 3 forms part of the steel liner that maintains a good seal on the materials inside the reactor building. In addition, it carries brackets that'll hold the polar crane as it swivels around the reactor building on a rail to support construction work and when the power station is live.



HOW DOES IT FIT INTO THE BIGGER PICTURE?

Liner Ring 3 is the fourth part of the inner protective wall on Reactor 1. It follows the previously installed Liner Cup (base) along with the first and second Liner Rings. The plan is to lift the iconic domed roof onto Reactor 1 to complete the set at the end of the year.

HOW DOES IT MEASURE UP?

The Liner Ring 3 section is 11.5m high and takes the height of the Reactor 1 building so far to more than 43m. At 304 tonnes, it weighs the equivalent of about 24 double-decker buses.

HOW WAS IT DONE?

Lifting big objects such as Liner Ring 3 requires a special kind of crane. Thankfully, Hinkley Point C can call upon the services of Big Carl, the Belgian-made Sarens SGC-250. It's the biggest land crane in the world and can lift up to 5,000 tonnes.



PARKING PATROLLERS

Meet the team helping to support the local community...

It's the early bird that catches the worm, which is why the dedicated Parking Enforcement team at Somerset Passenger Solutions (SPS) is out and about on patrol bright and early every morning.

The team ensures people working at Hinkley Point C either park at their designated Park and Ride or use their allocated bus stop for their journey into work. They will photograph and record the location and details of any vehicles that they suspect may be fly parking, comparing these against the recorded addresses and vehicles of every worker on the project. From 3:30am until noon, the seven-strong team can be found pounding the pavements monitoring the streets of Bridgwater, Cannington, Combwich, Stogursey, Nether Stowey and any other areas where incidences of fly parking have been reported.

As well as investigating reports from residents who think workers may be leaving their cars in side streets or lay-bys, the team focuses on known hotspots and



"A big part of my role is heading up the team dealing with fly parking. We're both proactive and reactive, so I'll change the rota to divert resources to where they are most needed at any given time."

Sam Ackroyd, Customer Operations Lead Supervisor

keeps an eye on the Park and Ride sites to ensure everyone is complying with the parking rules in force.

Sam Ackroyd, who manages the team, said: "When it comes to fly parking, there's a clear policy which every worker signs up to as part of the Code of Conduct."

People receive a warning in the first instance of suspected fly parking; a second offence will involve higher management; and a third offence can, and has, resulted in people being removed from the project. The team works closely with Somerset County Council and the police, who will take legal action against those parking unsafely, inconsiderately or blocking road or drive access.

It can be difficult to establish if someone has a legitimate right to park in a given spot. A driver could be a local resident with no connection to the project. They could be a worker who lives on the street in question and has not updated their address details with SPS, or might be visiting family and friends on a day off. If team members are unsure whether a vehicle is being parked by a worker on the project, there are occasions where they will follow someone to establish whether they are going to work at Hinkley Point C.

Sam added: "Our presence is reassuring to the community. It's not an easy job trooping around in all weathers, but we get positive feedback, which makes it all worthwhile."



FLY PARKING FIGURES

In the last quarter of 2022:

THE HINKLEY POINT C HELPLINE...

Received **159** fly parking complaints.

95 of these were not Hinkley Point C workers or were unknown.

27 of these were Hinkley Point C workers parking legitimately.

37 of these were fly parking.

If you think a vehicle has been fly parked, get in touch by calling

0333 009 7070

or emailing

hinkley-enquiries@nnb-edfenergy.com.



PAVING THE WAY TO A BRIGHT CAREER

Anna Gates, Institution of Civil Engineers Apprentice of the Year, shares how her EDF apprenticeship has exceeded her wildest dreams – and cemented her passion for low-carbon energy.

Hi Anna. Tell us about yourself...

"I went to a girls' school where there was a lot of focus on science, technology, engineering and mathematics (STEM) subjects. The visits we had from various engineers cemented it as the career for me at age 14, so I did my A-Levels in Maths, Physics and Geography. I've always had an interest in fixing things – if I was bored in class, I'd take my pen apart!"

How did you become an apprentice at Hinkley Point C?

"I'm a big advocate of low-carbon electricity and wanted to work somewhere I'd be making a real difference. I did my research and realised the project was perfect for me. I was delighted when I found out my application for the apprenticeship was successful. It's a five-year course at the University of Exeter and I also go to the Hinkley Point C site, rotating around the different civil engineering disciplines."

The best thing about working on site is...

"The people: there are 8,000 individuals working towards a common goal,

playing their part in the community and on site. If I have queries, there are loads of knowledgeable people on hand. This is incredibly helpful to me as a young person starting my career. It's a real privilege to be here."

How did it feel to win Apprentice of the Year at the 2022 Institution of Civil Engineers (ICE) South West Civil Engineering Awards?

"I was humbled, surprised and elated! I know learning means you are meant to make mistakes, but it does make you doubt yourself. Just being nominated and getting recognition from colleagues was important to me – it felt great."

What does the future hold?

"Everything has exceeded my expectations. Being on a project of this size is a dream. To have this as my first job is amazing and I am trying to do as much advocacy as I can to promote the degree apprenticeship in local schools and colleges. My future definitely holds a career in new nuclear and low-carbon energy for the benefit of the environment."

MAGICAL MILESTONE

More than 1,100 apprentices have now been trained at Hinkley Point C. It's a figure that means the project has smashed its goal of training 1,000 apprentices during the power station's construction phase. It was a target set during the planning stage of the project as part of its commitment to maximising opportunities for local people.

The apprenticeship programme is making a real difference right across Somerset, with two-thirds of all apprentices living locally.

Hitting the target early is due to outreach work with local schools and colleges; partnerships set up with training providers, and an £8 million investment into three Centres of Excellence in Somerset, specialising in welding, mechanics and electrics.





A NETWORK OF CARE

Local police, fire and rescue, Hinkley Health, Hinkley Point C's fire safety crews and a team of chaplains are all working together to keep the workforce and the community safe and well.

Across Hinkley Point C, a network of people provides support and wellbeing for the workforce and the wider community.

"It's a win-win situation," said Chris Jones, Fire Safety Advisor at Hinkley Point C. "Everything we do on site not only helps the people working here, but the local community, too.

"Our crews aim to deal with any incidents we have, meaning we don't add any extra burden to the Devon and Somerset Fire and Rescue Service. Many of our crews are also retained firefighters at local fire stations, so the specialist training we undertake here means we are upskilling the local crews."

Phil Collings, Community Impact Mitigation and Tactical Support Officer for Devon and Somerset Fire and Rescue Service, added: "Hinkley Point C has a specific environment with particular equipment for things like confined space rescues. This gives us training opportunities we wouldn't find elsewhere."



New territory

Garry Alford, Hinkley Point C Fire Safety Engineer, is proud of the work done onsite to reduce pressure on local blue light services. He said: "Any standard construction site would be expected to fully comply with fire and safety regulations, but Hinkley Point C is unique, so we are often working outside of existing guidance here.

"We overcome this challenge by using good housekeeping, common sense and our years of experience to ensure the site runs safely and efficiently. Our crews are well acquainted with the ever-changing site, so they are best placed to deal with any incidents should they arise."

Neighbourhood policing



Funded by the project, the Hinkley Point C Neighbourhood Police team is made up of a team of officers focused on the local community.

Sergeant Esther Lawson (pictured) heads up the team of five whose job it is to manage the community impact of the build, and

support the welfare of those working on the project.

Based in Bridgwater, they have an office at Hinkley Point C, and are familiar with the site and its workforce.

Esther said: "Hinkley Point C has made massive improvements in the area in terms of the road network, facilities and infrastructure. It's also funded our neighbourhood policing team, which means resource doesn't need to be taken from other local district teams."



Spiritual support

The chaplaincy service at Hinkley Point C is one-of-a-kind for a construction project. Reverend Ewen Huffman, Lead Chaplain, runs a team of seven voluntary part-time chaplains available to any member of the workforce.

Ewen said: "The chaplaincy completes the circle of care we want to give people. We have a health centre for physical needs and Mental Health Buddies for the mind. But life and people are more than just the physical and mental. People are spiritual beings as well.

"We've also discovered that there is a need for 'ceremony' as well on site – for example, Remembrance, the Queen's passing and honouring a worker who had passed. It's a huge privilege to provide that for the workforce."



"The wonderful thing about working here is that it's such a tight-knit community inside and outside of the site. Fire, police, the chaplaincy – we all pull together, really solidifying the network of care we provide. I'm so proud to be part of it."

Angie Young, Health and Wellbeing Manager, Hinkley Health

FAST FACT

There are 430 Mental Health Buddies currently on the project.



A handle on health

For Hinkley Point C, the welfare of all colleagues is a key priority. Hinkley Health, the onsite wellbeing centre, houses a full-time GP, nurses, physiotherapists, physiologists and occupational hygienists.

To date, Hinkley Health has trained more than 570 Mental Health Buddies and provides trauma-level first aid training, which is usually only offered to those without access to hospitals or paramedics, such as airline workers.

Angie Young, Health and Wellbeing Manager at Hinkley Health, said: "By the time the Hinkley Point C power station is up and running, a large proportion of people who have worked here will have been trained either as Mental Health Buddies or trauma-level first aiders. Bringing those skills back into the community is just wonderful.

"We've got a great service here. Having our own GP and prescribing nurses relieves the burden on the local GP service, and we've built great relationships with the NHS, meaning we can also make referrals. Last year we referred around 35 people with suspected cancer.

"We also have our own emergency medical team, whose early intervention saved four lives in the last year. But it's more than physical health issues. The work of our Mental Health Buddies, along with our brilliant chaplaincy service (for all faiths or none), makes such a difference to those on site."



HITTING THE SMALL SCREEN

Hinkley Point C had a starring role recently on the Channel 4 programme *Guy Martin's Power Trip*.

The three-part documentary centres on a former motorcycle racer Guy Martin (pictured above, third from left), exploring the changing scope of the energy sector and how Britain makes its power.

Hinkley Point C features in the third episode, with Guy trying his hand on a steel fixing shift with contractor Bylor. Steel fixing is the process of shaping

and placing mesh or bars as a way of reinforcement to help strengthen structures on a construction project.

Mark Ireland, Project Lead for rebar and prefabrication, said: "We were all thrilled to welcome Guy into our training area, where we taught him the ropes before letting him try it himself.

"He didn't hesitate to get stuck in. We were impressed with how quickly he picked up the technique – he knows where to come if he ever fancies a career change!"

During his visit Guy checked out the impressive view inside the reactor building and across the site from the top of Unit 1, and explored the entrance of the tunnels while learning more about the extensive work going into building the cooling water systems.

Guy was impressed by the sheer scale of the operations, saying: "The size, the accuracy, the technology, Big Carl... everything has blown my mind!"

Check out the episode now on All 4 via channel4.com.

Opportunity knocks at Bridgwater event

More than 380 local people attended a special event at the Canal Side Conference Centre in Bridgwater to find out more about apprenticeships and other opportunities at Hinkley Point C. In fact, it proved so popular that 200 of them passed through the door in the first 30 minutes alone!

The event was organised as part of National Apprenticeship Week by the HPC Employment Affairs Unit in conjunction with some of the companies who'll be providing career opportunities this year. In addition to EDF

opportunities, this included Somerset Larder, the site's catering provider, G4S security and housekeeping, and teams delivering civils and installation works, such as Bylor, Mike Morgan Electrical Services and the Mechanical, Electrical, Heating, Ventilation and Air Conditioning (MEH) Alliance.

Since the event, the Hinkley Point C Jobs Service has seen applications go up by 30% and visits to its recruitment site increase by 40%. You can find out more about the team on page 7.



KID'S CORNER

It's all fun and games on our children's activity page...



Quiz??

Test your knowledge of Hinkley Point C with our themed mini quiz.

- How many Mental Health Buddies are there on site?
A) 230 B) 330 C) 430
- What is the name of the biggest land crane in the world?
A) Giant Greg
B) Tall Thomas
C) Big Carl
- What does RPV stand for?
A) Reactor Pressure Vessel
B) Reactor Pipe Vessel
C) Reactor Pressure Vehicle
- What are the six concrete structures that have been lowered on the Bristol Channel seabed otherwise known as?
A) Heads
B) Shoulders
C) Knees
- An SPMT is a type of what?
A) Transmitter
B) Transporter
C) Transformer

HINKLEY POINT C WORDSEARCH

We've hidden 12 words related to the project in the grid. They can be found across, down or backwards.

R	E	U	W	E	G	S	A	F	E	T	Y	C	I
P	H	I	N	K	L	E	Y	P	O	I	N	T	C
R	E	W	O	P	P	R	A	E	L	C	U	N	I
R	N	A	S	U	S	T	A	I	N	A	B	L	E
U	R	T	R	E	A	C	T	O	R	I	R	P	N
S	O	N	O	A	S	N	D	I	T	R	I	S	E
B	W	T	E	S	N	E	S	T	I	W	D	B	R
I	A	F	E	D	G	N	O	E	I	T	G	R	G
G	P	N	R	G	I	A	M	R	R	I	W	R	Y
C	R	C	N	B	P	R	E	S	C	O	A	E	N
A	U	N	O	W	E	C	R	N	A	T	T	U	U
R	E	S	U	N	S	E	S	F	N	P	E	W	O
L	S	A	T	S	G	A	E	N	S	G	R	A	N
N	O	I	T	C	U	R	T	S	N	O	C	P	L

BIG CARL
BRIDGWATER
CONSTRUCTION
CRANE
ENERGY
HINKLEY POINT C
NUCLEAR
POWER
REACTOR
SAFETY
SOMERSET
SUSTAINABLE

CAN
YOU SPOT
THEM ALL?

DIY wildlife pond

Make your own wildlife pond

Hinkley Point C is committed to increasing biodiversity, planting thousands of trees and creating ponds to help encourage wildlife.

Here are five easy steps to make your own new natural habitat...

- Clean a bucket/container and seal any holes with silicone. Find a sunny spot in your garden and place your empty container there.
- Use large bricks or rocks to create stepping stones in and out of the pond.
- Position two or three pond plants inside – if possible, it's best to place these in aquatic plant pots (ones with mesh sides).
- Add small stones or gravel to the edges.
- Fill with water (preferably rainwater). Then simply sit back and wait for any visiting wildlife!



DON'T FORGET...
...to check out the solutions to the puzzles online at:
edfenergy.com/pluggedin

SPOT THE DIFFERENCE

Take a look at these two photos of the Reactor Pressure Vessel being transported. Can you tell what has changed in the second photo? Hint: there are five things to spot...





Want to work at Hinkley Point C?

Whether you're looking for a career change or are interested in finding out what opportunities are available on the project, you can browse the latest job and apprenticeship openings by registering at hpcjobsservice.edfenergy.com for free.



Search jobs by keyword and/or location



Find out about Young HPC, our exclusive skills programme for 16-21 year olds



Try the Hinkley Point C Recruiting Tool