

Moving on up!

Local student becomes apprentice

Learn more about Megan and how the Young HPC programme helped her gain an apprenticeship **on page 14**

- £9.4m of community projects **on pages 6 & 7**
- A walk on the wildlife side **on page 11**



Update from the Site Construction Director

Rob Jordan lets you know about what is happening up the road at Hinkley Point C.

It has been another busy year of achievement on site, keeping us on schedule.

The first step towards the next major milestone, the concrete pour of Reactor 1, took place in December and is due for completion in June 2019. The deep dig for the second reactor is progressing equally well; on track for completion by the end of this year, concluding major excavation work on the main site.

Over 80% of the sea wall is now complete and we have carried out the first phase of dredging on the bed of the Bristol Channel in readiness for the cooling water inlet heads. The conveyor system for the jetty is being installed, in preparation for it to start operating next summer.

The last of the park-and-ride facilities at Washford Cross is now open and the bus service schedule begins to become more streamlined as we receive more comprehensive passenger data. We've



already been able to tweak the type and frequency of buses to improve efficiency and reduce the impact on local communities.

The New Year will see the formal opening of our new Sedgemoor Campus, as well as the start of work to refurbish Comwich Wharf.

As this is the last edition of Plugged in this year, I would like to take the chance to thank you for your patience and understanding as we have pushed forward in 2018 at Hinkley Point C and wish you a restful and Merry Christmas.

Rob Jordan
Site Construction Director, Hinkley Point C



Hinkley and Sedgemoor Campuses now open for occupants



Over £1.5bn committed spend with regional businesses



200,000 cubic meters of concrete batched on site



The pre-stressing gallery is now complete



Our 250th apprentice joins the project and meets Greg Clark



All four park-and-rides now operational



Jetty being prepared for first deliveries in the summer



Reactor 1's nuclear island now complete

The Great Sea Wall

Over 80% of the concrete required has now been poured. The sea wall will form protection for the power station from the sea and help to prevent coastal erosion.

When Hinkley Point C opens you will be able to walk along the sea wall as part of the coastal path.



760 metres long



14,000 tonnes of rock armour



13.5 metres tall



Protective barrier



59 individual piers

Kiellan Mahoney (right) and Jacob Barrs (left) two members of the sea wall construction team

Years that have flown by

David Eccles, Head of Stakeholder Engagement, Hinkley Point C.



This edition appears two years after the final contracts were signed with government, allowing us to commence construction in earnest.

It's impressive to see how far we've come in a relatively small space of time and I'm proud to report that 20% of the project is now complete, as you can see from Rob Jordan's report.

As the project advances it will become increasingly more technical and demanding, but the benefit to the area will continue

to grow through investment in local businesses, skills and jobs.

We're proud to be supporting the next generation of young people through the Young HPC programme and our apprenticeship schemes, for whom the benefits will only increase as we move forward.

Thank you for your continued patience and support in delivering this first-in-a-generation project at Hinkley Point C.

HPC Small Grants Programme

In May 2017 Somerset Community Foundation signed an agreement with EDF Energy to manage the £12.8m Hinkley Point C (HPC) Community Fund.

The fund is part of a wider set of measures and is designed to mitigate 'intangible and residual' impacts from the construction of the new HPC power station in Somerset's communities.

We're now accepting applications to our Small Grants Programme - for amounts of up to £5,000. Charities, voluntary groups and social enterprises with an annual income of less than £100,000 can apply.

In February 2018 the first grants were awarded from the Small Grants Programme, and your organisation could be next.

➔ To find out more, please visit www.hpcfunds.co.uk

Getting in touch with us

Visit www.edfenergy.com/hpc

Email hinkley-enquiries@edf-energy.com

Call us 0333 009 7070

Visit us EDF Energy Visitor Centre, Angel Place Shopping Centre, Bridgwater, TA6 3TQ

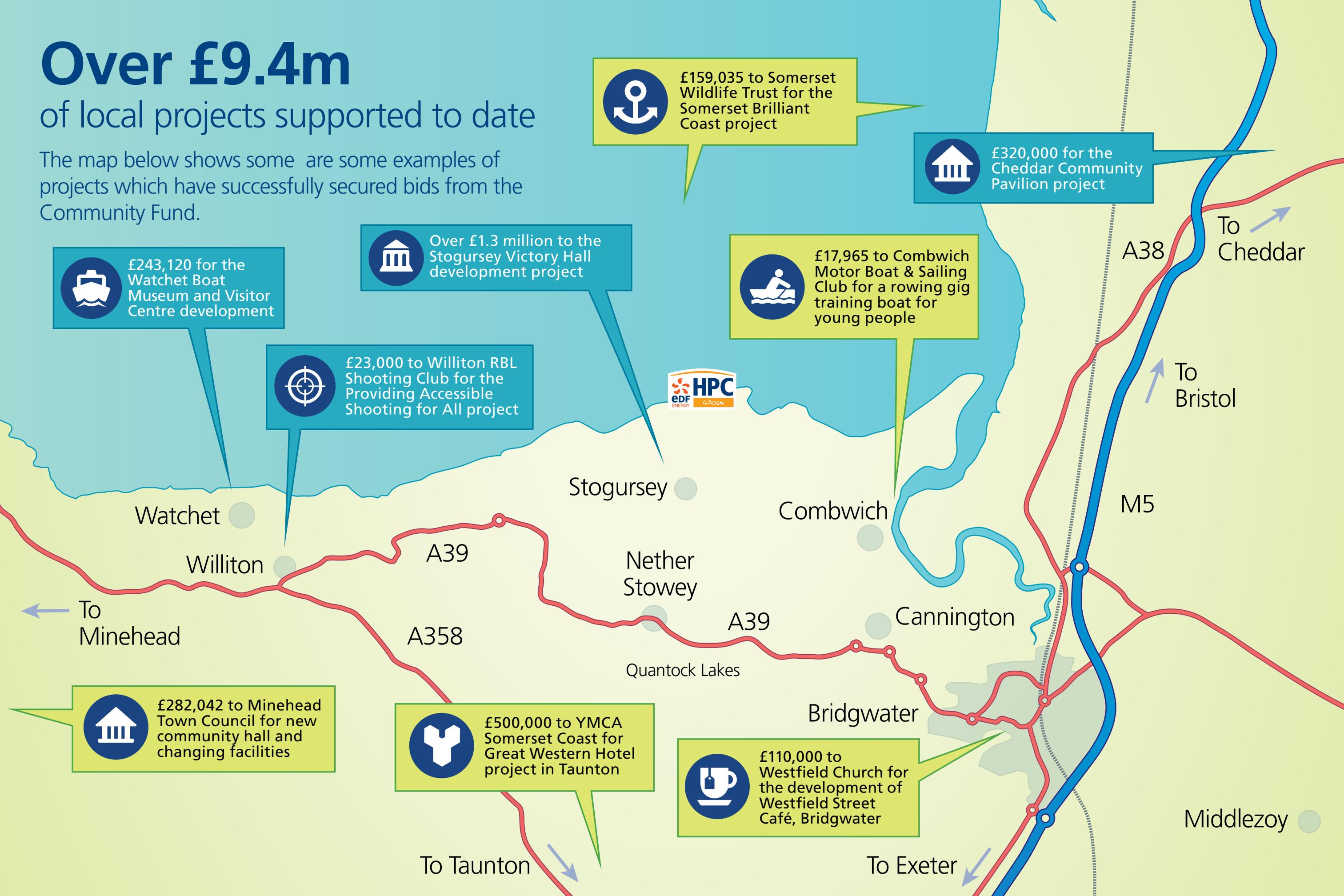
Tweet us @edfehinkleyc Instagram @hinkleypointc

Our 24/7 hotline for enquiries has changed to 0333 009 7070.

Call us any time to raise an enquiry and we will ensure that we respond to you within 10 working days.

Over £9.4m of local projects supported to date

The map below shows some examples of projects which have successfully secured bids from the Community Fund.



Help extends to Bristol

Balfour Beatty team members get busy in Avonmouth.



Above: Team members helping repair the school garden

The Bristol Port at Avonmouth is playing a pivotal role in the Hinkley Point C project, enabling delivery of aggregate materials by sea and so reducing the use of local roads. It is also home to a state-of-the-art construction facility, operated by Balfour Beatty, which will produce the tunnel lining segments; that will line the edge of the cooling water tunnels under the Bristol Channel.

“We are extremely grateful to the Balfour Beatty team for volunteering so much of their time.”

Team members from Balfour Beatty have led two voluntary community projects at a primary school and community centre in Avonmouth.

During the October school holidays 23 members of staff, including senior managers, volunteered their time to paint classrooms at Avonmouth C of E Primary School. Together with the school's site manager, the team also worked to spruce up the outside play area used by Reception children and undertook repairs, painting and planting to give the school a new lease of life.

Mrs Nicky McMahon, Head Teacher of Avonmouth C of E Primary School, said: “We are extremely grateful to the Balfour Beatty team for volunteering so much of their time and skills to work with our site manager as part of our programme of redecorating. The team were brilliant, going above and beyond to help our school.”

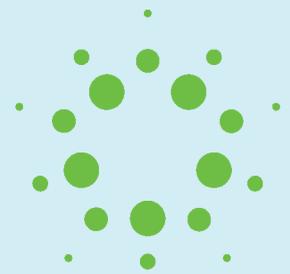
Calling all MEH businesses and job seekers

As the project nears the completion of major earthworks, the next phase of the project will welcome on board Mechanical, Electrical, Heating, Ventilation and Air Conditioning (MEH) contractors.

Altrad, Balfour Beatty Bailey, Cavendish Nuclear and Doosan Babcock joined forces to officially form the MEH Joint Venture to deliver these elements of the Hinkley Point C project.

The Hinkley Supply Chain team is helping deliver local supply chain solutions for EDF Energy and its contractors. For more information visit, www.hinkleysupplychain.co.uk

→ For local employment opportunities, visit www.edfenergy.com/hpcjobs



MEH JOINT VENTURE

Building our nuclear future



Are you looking for an apprenticeship?
www.edfenergy.com/hpcapprentice



IT SUPPORT

JOSHUA SEYMOUR

Joshua, former Robert Blake Science College student joined the project in 2016 as an IT Support Apprentice. He is now a Technical Governance Lead for Kier BAM. In role he ensures that the company is complying with the Office of Nuclear Regulation (ONR), in terms of Information Security and Data Protection Law such as the General Data Protection Regulation.



Working at HPC is a privilege. Even as an apprentice, you are leaving a legacy for what will be a completed nuclear power station. The skills you learn and the people you meet will stay with you for a lifetime, giving you the professional competence you need for wherever you may end up.



Building better energy together

Take a virtual tour of Hinkley Point C

Visiting Hinkley Point C just got easier. Whether it's from the comfort of your own sofa or from the Visitor Centre in Angel Place, Bridgwater, you can take a look around the work being carried out at Hinkley Point C, with the launch of a new virtual reality tour of the construction site.



You can experience the site by using our latest Oculus Go virtual reality goggles. This cutting-edge technology has just arrived in our Bridgwater visitor centre, fresh off the plane from Silicon Valley. The fully immersive experience includes sound and full 360-degree visibility of the construction site.

If you want to be guaranteed a go when you visit, then please do call ahead, on **0333 009 7070**, as the goggles are also taken out to schools and recruitment events to help young people and job hunters find out what life is like as part of the Hinkley Point C team.

A walk on the wildlife side

The Hinkley Point C site and the associated development sites are home to various wildlife and their habitats. As a project we have a responsibility to protect the environment, work which is led by our on-site Land and Ecology team.

A mature hedgerow known as Green Lane, spanning the centre of the main construction site, is home to rabbits, foxes, badgers and nesting birds, and acts as a bat corridor.

A bat house has been built in the south of the site to provide a suitable habitat for bats throughout the year, including during the bat hibernation season in winter. In addition, a bat bridge provides a guidance tunnel for their sonar tracking in place of removed trees at the western end of Green Lane.

The safety of smaller animals - such as rabbits and reptiles as they cross the site is taken care of with an underground tunnel constructed to allow them to pass under the haulage road.

Elsewhere, an area of protected wetland habitat surrounding the J23 park-and-ride is home to a population of rare great crested newts.

This area has been protected throughout works and the most recent surveys undertaken in 2018 show that the great crested newt population is higher than before works started, proving that the protection measures have been successful.

In order to protect wildlife that resides close to the Cannington Bypass, an 'otter pass' has been constructed that also includes the installation of a camera. This has already seen the otters making full use of their new adventure playground.

The HPC Ecology team have strong links with local vets and an animal rehabilitation centre in the rare occurrence that any sick or injured animals are found close to, or on, any of our sites.

Miniature castle saved after 20-year battle

Castle House in Bridgwater benefits from £600,000 restoration



Above: Renovations take shape

Dating back to 1844, this historic structure in Bridgwater is one of the earliest surviving examples of the use of prefabricated concrete in construction. For the first time after many years, the elaborate concrete ornaments of this unique Grade II* listed building are visible again.

“This is fantastic news for Bridgwater and for the preservation of rare architecture more widely.”

The SAVE Trust was set up to restore Castle House, which, gutted by fire, had stood vacant for many years. The house attracted interest from a succession of potential partners and work began in 1999. The structure had to be protected against water ingress and the building disappeared under scaffolding. It has now been extensively resored including the roofs, ceilings and concrete façade.

Top: The building stood derelict for many years

Above left: Details reinstated Above right: The damage was extensive

This was made possible thanks to major grants from Historic England and EDF Energy. Thanks is also due to Chris Balme from Ferguson Mann Architects and the contractor, Corbel Conservation, along with Sedgemoor District Council who also supported this project.

The SAVE Trust is now looking for a development partner to complete the interiors. Planning permission was granted in 2017 to convert the house into three flats. Castle House would be a fascinating place to live, full of history and remarkable Victorian features.

David Eccles, Head of Stakeholder Engagement at Hinkley Point C, said: “This is fantastic news for Bridgwater and for the preservation of rare architecture more widely. We at EDF Energy are incredibly pleased that our £200,000 of investment into the project will leave such a powerful tribute to the fascinating history and success of the town – something we are working together to take forward for many years to come.”

Supporting new trainees into careers

New training initiative under way for those with special educational needs

Hinkley Point C’s Young HPC careers development programme for 16 – 21-years is seeing the first results of a new supported traineeship for those with special educational needs (SEN).

Working with partners at Somerset County Council, Somerset Skills and Learning and the charity Discovery, the team have developed a 10-week programme that

enables those with SEN to gain meaningful work experience.

This new traineeship is providing essential preparation for work, including support for English and maths development. It also provides direct links to work experience – part of the journey to work that’s vital but often hard to access for those with SEN. It is proving to be the perfect start towards

a bright future for those who may not yet have the appropriate skills or experience for employment or apprenticeships.

Six individuals from the local area have joined the initial 10-week pilot of the traineeship, which is being delivered in the newly opened Apprentice and Skills Hub, a space dedicated to giving everyone a safe learning environment to work on their skills.



Above: Rob Jordan, Hinkley Point C Site Construction Director, with trainees



Are you looking for an apprenticeship?
www.edfenergy.com/hpcapprentice



**PROJECT
CONTROLS**

**MEGAN
HANDLEY**

Bridgwater student, Megan attended the first Young HPC event in 2017, and proceeded to start her apprenticeship as a Project Controls Technician in March 2018. Megan realised that the Project Controls Apprenticeship would be the perfect role to build a career that could be transferable all over the world and across different industries.

Find out more about Young HPC at:
www.edfenergy.com/younghpc

*Building
better energy
together*



An HPC apprenticeship offers young people a way of getting into an industry that I believe would otherwise be difficult. It also provides an amazing way to be able to study and learn, whilst networking with knowledgeable and like-minded people, something you wouldn't do just by going to college.



Sign up to *Plugged in* online



Also, if you'd like *Plugged in* straight into your email inbox each month, why not sign up to our email distribution list? Head to our website at:
www.edfenergy.com/pluggedin

Have your say and be in with a chance to win!

We'd love to hear what you think about *Plugged in* so we can make it as interesting and relevant as we can for our readers.

We have an online survey that asks what you like reading about and what you want to see more of. You can fill out the survey at:

www.edfenergy.com/pluggedin

A respondent will be drawn at random to win a Fire HD 8 Tablet!





Photography competition winner



And the winner is **Simon Fairweather from Bridgwater**. This photo was taken at the River Parrett near Comwich with a Samsung Galaxy S5.

Are you a budding photographer or a photography enthusiast?

Share your photographs taken in and around Somerset with us and in each edition we will publish our favourite. Send your high-resolution photo to: hinkley-enquiries@edf-energy.com, with your name and details of where the photograph was taken and what camera you used to capture the shot. The winner will receive a £50 Amazon voucher. Our next closing date is 18 February 2018.

Terms and conditions apply:
www.edfenergy.com/content/plugged-photography-competition