

Plugged in

August 2015

to nuclear new build at Hinkley Point C



Sitting pretty: Endangered species get new enclosures

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HPC preferred bidders announced

Notes from Nigel

Steady progress as we near Final Investment Decision



Under difficult circumstances, the HPC project has made some great strides over the last few months. Highways improvement works are progressing well: the busy Taunton Road and Broadway junctions in Bridgwater have been completed ahead of schedule and the work at Washford Cross roundabout and Cannington bypass are both well on track. We have completed various elements of the enabling works on site, such as the Holford culvert, the concrete batching plant and the main entrances to site.

Progress towards the Final Investment Decision has not gone as quickly as we would have liked. It means we have taken the tough decision not to start new elements of work on site and have had to relocate many members of our workforce to other projects. The site has moved into a Care and Maintenance period and is poised ready to restart as soon as we can. We are making good

progress with all parties and anticipate a Final Investment Decision in the coming months, after which we can remobilise and start the earthworks proper. You may have read about an Austrian challenge to the European Commission's state aid decision still need to be addressed, but we are confident that these robust agreements will continue to withstand any challenge.

We were pleased to be able to announce this week our list of preferred bidders for a number of the large contracts for HPC. This is good news for the project and for businesses as we estimate that the value of work to the UK will exceed our original estimate of 57%. It's also excellent news for our county with five preferred bidders for large contracts being Somerset-based consortiums, established to serve the project: Somerset Larder, HOST Consortium, Somerset Passenger Solutions, Somerset Infrastructure Alliance and COMA.

I'm confident this vital project will begin soon and I, for one, am keen to get going!

Nigel Cann
Site Construction Director
Hinkley Point C

STOP PRESS!

EDF Energy announces further preferred bidders for the Hinkley Point C project

EDF Energy has announced the selection of further preferred bidders for the Hinkley Point C project. Companies from across the UK are among those selected in a competitive process to find suppliers for components and services needed during construction.

Combined contract values of more than
£225m

National and local supply chain events helped UK businesses compete successfully to join the project, which will restart new nuclear construction in Britain after a 20 year gap. It is now estimated that 60% of the construction cost will be spent with UK firms, against an initial estimate of 57%. Involvement in Hinkley Point C will help many of these companies build expertise to enable them to win further nuclear work nationally and globally. See page 6 for more detail.

Getting in touch with us

-  **Visit** www.edfenergy.com/hinkleypointc
-  **Email** hinkley-enquiries@edf-energy.com
-  **Call us** 0800 096 9650
-  **Visit us** EDF Energy Visitor Centre, Angel Place Shopping Centre, Bridgwater TA6 3TQ
-  **Tweet us** @edfehinkleyc
-  **Billing enquiries and customer services** 0800 096 9000

Hinkley Point C site update

Site moves into care and maintenance period



The first concrete batching plant has been successfully constructed – in time this will be fed by a temporary jetty providing the raw materials to manufacture the 3 million tonnes of concrete required during construction.

Completing the Holford culvert in the south of the HPC site was a key achievement – 592 pre-cast concrete sections, each weighing 16 tonnes, were safely lifted into position.

The culvert will ensure Holford Stream flows when the valley is filled with millions of

tonnes of excavated material in preparation for the reactor's foundations.

On the approach to Hinkley Point, an obvious change is the two new large roundabouts, which have been built to ensure smooth traffic flows of both people and freight into the construction site.

Although works have slowed down, there is still some activity going on both inside and outside the fence at Hinkley Point C. Particular attention has been paid to ensuring stockpiles of materials are in a manageable state with hydro pellets inserted to ensure dust is kept at

Above First concrete batching plant at HPC

a minimum. Maintenance will also continue to manage the site's existing excavations and water management zones. Pockets of specialist remediation work still continue in order to clear the ground of historic asbestos left over from the construction of Hinkley Point A.

At present 150 people remain on site and refining our internal processes will be an important focus in the next few months, ensuring the site is as fit as it can be at the point of remobilisation.

Multi-million-pound facility to benefit businesses

The Somerset Energy Innovation Centre will provide office, meeting & networking space to support the nuclear and low carbon energy supply chain in Somerset

The new Somerset Energy Innovation Centre, which will be administered by Somerset County Council, has been built to support the start-up and growth of businesses in Somerset and across the south west. It will encourage collaborative working between suppliers helping local businesses access opportunities in the Hinkley C supply chain and beyond. Businesses will also be able to access a package of business support to meet their development needs.

Cllr David Hall, Somerset County Council's Cabinet Member for Business, Inward Investment and Policy, said: "The Innovation Centre represents a major investment in our county which will create jobs and encourage growth, providing a huge boost to the local economy and laying the foundations for long-term

sustainable growth. This first phase has been completed on time and on budget, which is fantastic news for Somerset and the south west."

David Eccles, EDF Energy's Head of Communications for Hinkley Point C, said: "The completion of this facility is another example of the investment that EDF Energy has made in the local area and the business opportunities that Hinkley Point C provides. As we prepare for the start of full scale construction, companies that may be involved in our supply chain now have a location in which to base their activities."

Any businesses interested in becoming a tenant at the Somerset Energy Innovation Centre should contact Lynda Madge by emailing lymadge@somerset.gov.uk

Below Overlooking Hinkley Point from the roof of the Somerset Energy Innovation Centre are, from left, Paula Hewitt, Somerset County Council's Director and Lead Commissioner for Economic and Community Infrastructure, David Eccles, Head of Hinkley Point C Communications, Pat Flaherty, Chief Executive of Somerset County Council, Steve Leahy from Bridgwater Chamber of Commerce, Cllr David Hall, Somerset County Council's Cabinet Member for Business, Inward Investment and Policy, Simon Venner from Aecom, and Cllr Alan Hudson from Bridgwater Without Parish Council



Investing in our roads

Taunton Road Broadway improvements completed ahead of schedule and road to Watchet re-opened

EDF Energy is delivering a £16 million package of road improvement schemes. These modifications have all been carefully planned with local councils to keep traffic flowing while the work is undertaken.

Thank you for your patience while these important improvements to the road network take place. We are working hard to get the job done.

Cannington bypass

Good progress is also being made on the new bypass in Cannington. When complete it will take Hinkley Point traffic around the village. To keep up to date with the bypass activity, visit www.edfenergy.com/hinkleypointc, where you can view a webcam broadcasting the progress we're making on the new road.

Washford Cross roundabout

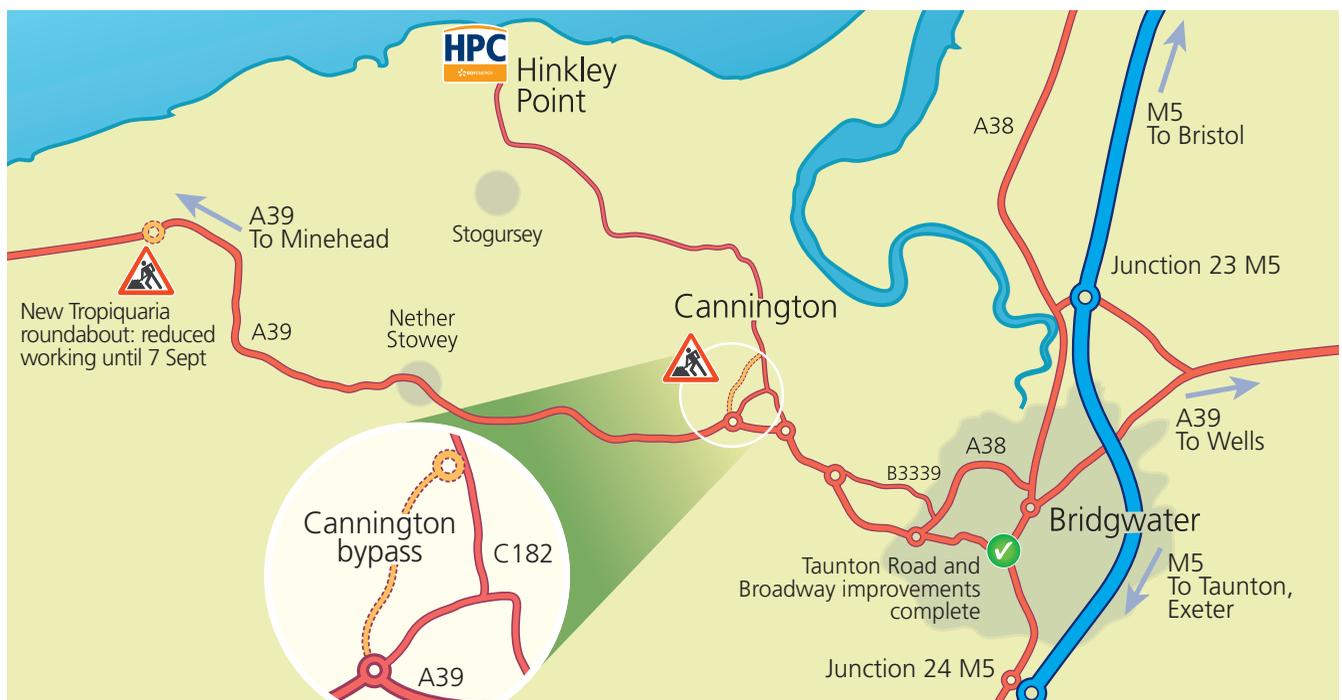
We are making good progress on the new roundabout at Washford Cross to make this busy crossing on the A39 safer. Following our discussions with local communities we re-opened the B3190 on

13 July until 6 September to help businesses over the busy summer holidays. During this time there will be some periods when temporary traffic lights are in operation. Full works will recommence on Monday 7 September, at which point the B3190 will be closed once more.

Taunton Road and Broadway junction

In Bridgwater, improvements have been made to the traffic lights and crossing points for cyclists and pedestrians as well as adjustments to the junctions. The new intelligent lights interact with other lights in the town in order to improve journeys through Bridgwater. The improvements were completed well ahead of schedule.

More information about these road improvements and the Hinkley Point C project is available at EDF Energy's Visitor Centre in Angel Place Shopping Centre, Bridgwater, open between 9:30am and 4pm Monday to Friday and 9:30am to 1pm on Saturdays. Or call us on **0800 096 9650**



Good news for businesses

Neil Murphy, CEO of Somerset Chamber of Commerce, gives *Plugged in* an overview of the latest news and opportunities for local suppliers



It is with a real sense of pride that we hear that EDF Energy has announced that five Somerset supplier alliances, representing over a dozen Somerset and south west businesses, have been named among EDF Energy's preferred bidders for the proposed Hinkley

Point C development – with allotted contracts worth over £225 million pounds.

This confirms three key ingredients are in place:

- The Somerset entrepreneurial spirit is thriving in the county and quality suppliers are stepping up to the Hinkley Point C challenge
- EDF Energy is following through on its stated commitment to engage with quality local suppliers for very significant elements of the project
- The Somerset Chamber of Commerce and the HPC Project Delivery Team it manages are delivering on the innovative supply chain engagement promised.

The local supplier alliances announced are indicated on the map below. These announcements follow three years of innovative and intensive activity by the suppliers, the EDF Energy Project Delivery Team and the Somerset Chamber of Commerce. Large infrastructure

projects have not engaged with local supplier groups in this way before.

The approach taken by EDF Energy and Ken Owen, Hinkley Point C Commercial Director, has focused on developing a partnership approach to delivering project needs. This has given the local supply chain the opportunity to work up viable, competent and competitive proposals. Facilitated by Somerset Chamber of Commerce, working with some of Somerset's best suppliers, the results are proving innovative and groundbreaking. Suppliers realise there are significant challenges ahead as they secure the contracts and start delivery.

Although activity at the Hinkley Point C construction site slowed in June 2015 as major elements of Site Preparatory Works were concluded, a great deal of improvement work has been carried out by many companies. Our observation is that we all need to be continuously focused on raising our game.

I am confident that working with our consortium partners will accelerate the development of supply chain activity and enable more local businesses to win more contracts.

One of the simple ways in which local businesses can do this is to ensure that they are presenting up-to-date information in their registration at www.hinkleysupplychain.co.uk

Neil Murphy, CEO, Somerset Chamber of Commerce

South West Supply Chain July 2015

Combined contract values of more than £225m

- HOST:** ACCOMMODATION MANAGEMENT
- Somerset Larder:** CATERING
- Somerset Passenger Solutions:** BUSSING
- COMA:** CONSTRUCTION UTILITIES
- Somerset Infrastructure Alliance:** SITE INFRASTRUCTURE SERVICES

Smoothing the road to Hinkley Point C

Kieran Hicks, Project Manager for the Cannington bypass project, tells *Plugged in* what it's like building a road around the village

Being a project manager working for HPC can involve a wide variety of activities and disciplines from technical knowledge and detail to ecology! Kieran Hicks, Project Manager for the Cannington bypass project tells *Plugged in* what it's like managing such a diverse project.

What work is taking place in Cannington?

We're building a new bypass around Cannington to send the construction traffic around the village. This road will still be in place once HPC is complete so traffic will permanently bypass the village. There will be a new roundabout to join the C182 at Rodway and alterations to the existing side roads and accesses. Our work is progressing well and we expect to complete the road in early 2016. Cannington has been my home for the past six years so I have a vested interest in the project!

What's the best part of your job?

Variety – being project manager I am involved in many different aspects of the project and not limited to one single function or discipline. My role encompasses a diverse range of activities including project, commercial, quality, health, safety and environmental management. A significant proportion of my working week will also involve responding to day-to-day project issues as they arise, which could be anything from a technical problem that requires client input or even a Great Crested Newt related issue!

What's the most challenging part of your job?

Balancing the wide range of activities of the job while still ensuring my priorities are managed. Also the many different people



Above Kieran Hicks at Cannington bypass

and concerns involved with the project. My job is to ensure that the views of individuals are considered and a mutually agreed outcome is achieved, which can be very challenging at times.

What career path did you follow to get into your profession?

I'm an apprentice trained mechanical engineer by trade; I was an apprentice with British Nuclear Fuels at Sellafield in my home county of Cumbria. Since leaving Sellafield in 2001 to go travelling, I have followed a career path within construction and engineering, initially within a H&S role and for the last seven years within project management.

What made you want to work in Somerset?

I met my partner Natalie in Sydney during my travels in 2001. She is from Somerset and is the reason why I now call Somerset my home. I'm trying my best to retain my northern/Cumbrian accent; however, I do get accused by my Cumbrian friends and family of turning into a southerner!

What are your ambitions?

My ambition is to work in a project management capacity as part of the main HPC construction project. For many different reasons, HPC is an extremely exciting project and one that I'm hopeful I will be involved with for many years to come. A personal ambition is to tour the UK and Europe with my family in a VW camper van; I need to buy one first though!

What is your proudest moment?

This is an easy one to answer. It's a cliché but by far the proudest moment I've had was witnessing the birth of my two children, my daughter Frankie (three years) and my son Sonny (three months). I am also proud to have survived the last three years with limited sleep!

Keep up to date on the Cannington bypass project and see the progress as it happens by visiting:

www.edfenergy.com/energy/nuclear-new-build-projects/hinkley-point-c/community-hub to view the time lapse photos from the site.

Otterly delig

Before work began on the new Cannington bypass, it was known that otters were using Mill Stream. This is why the bypass work included the construction of two 'culverts', which are tunnels that allow the stream to flow under the new bypass. Ledges were created within the culverts to allow the local wildlife, including the otters, to cross safely beneath the road. These tunnels were constructed early on in the works and in May 2015 the site team were pleased to spot through their monitoring equipment evidence of otters using the culverts.



You can view the short video of the otter crossing the bypass at <http://bit.ly/1Lfl4fc>



hted

"These culverts have been specifically designed to attract the otters and encourage them to cross underneath the bypass safely. It's been a team effort to get this done as soon as possible to allow the wildlife access, so we've been eagerly monitoring for evidence that they have been using it as planned. We were delighted when we discovered otter footprints along with a spraint (the dung of the otter) so we quickly checked our monitoring cameras and found evidence of this little chap travelling through the tunnel."

Lucy Hill, Ecologist



Above Culverts being installed in the new Cannington bypass

Broadening horizons

Hinkley Point C's Inspire education programme continues to develop as it marks the end of yet another highly successful academic year

Since the industry leading programme began in late 2012, 554 activities have been delivered across over 200 Somerset education institutions – in total there have now been over 84,000 student interactions.

A particular area of importance for Inspire Education Programme Advisor Tom Thayer this year has been a focus on the Women Into Construction and Engineering programme initially developed in collaboration with Bridgwater College. EDF Energy is a wholehearted advocate of increasing diversity within the workforce – helping to overcome a national skills shortage and driving long-term, sustainable economic growth.

From his new base at Cannington Court, EDF Energy's cutting-edge training centre, Tom explains the basis for the new programme:

"The Women Into Construction and Engineering initiative was designed in partnership with Bridgwater College to provide students with a chance to try out new skills and hear from women already in industry. We are now working with Frome and Somerset College to stimulate interest in careers where women are typically under-represented, giving them a realistic taste of what a career in construction or engineering might be like. In turn, it's helping them to make more informed career choices. The range of activities includes a number of construction and engineering workshops and opportunities for "hands-on" experience with plant machinery. Importantly, all of the activities are enriched by the expertise and guidance of local ambassadors from the HPC project itself."

The latest Women Into Construction and Engineering Challenge Day took place at the

beginning of July. Spread over two days, it encompassed hands-on experiences ranging from bridge building, electrical circuitry and advanced computer-aided design. Sophie, who attends Bridgwater College Academy, was thrilled with everything she experienced: "The Challenge project was so different, unusual and inspiring. I would definitely recommend people to do it as it is such a great experience."

The wider value of the project is also recognised by the teachers who are involved. Vicky Roe-Mottershead, science teacher at the West Somerset Community College, explains that "getting the chance to work with large companies such as EDF Energy not only adds an extra perspective to the learning experience, but also crucially opens doors towards careers that our students didn't previously know existed – giving them more ideas and more choices".





Women Into Construction and Engineering

Case Study: Stacey Clifford

Stacey Clifford is currently a graduate engineer working on the Hinkley Point C project with one of the project's main contractors, KierBAM.

Although Stacey's original career ambition was to be an accountant, one education awareness event piqued her interest and changed the course of her studies and career path in the future.

"I'm now a STEM (science, technology, engineering and maths) ambassador and get involved in lots of education events"

Stacey Clifford

"I attended an event at Durham University with some other young women in my class. The aim was to encourage us to take an interest in engineering, similar to the events that are run by the Education Team here at Hinkley Point C."

"I'm now a STEM (science, technology, engineering and maths) ambassador and get involved in lots of education events, particularly those which encourage women to join



the construction and engineering sectors. It's great to be able to pass on my experience and hopefully I'll encourage someone like me to consider becoming an engineer in the future."

Being a female engineer is still something of a rarity in the construction industry. Stacey has proved that being female certainly isn't something that holds you back.

In 2013 Stacey was nominated for, and was crowned winner of, the Duke of Gloucester's Young Achievers Scheme. "It was one of my proudest moments," said Stacey. "The award celebrates the achievements of young people in the construction industry from across the country, so to win the overall award was a great moment for me, and for women working in the construction industry."



Community funding: The story so far...

Since launching in June 2014, the Community Impact Mitigation fund has granted financial support to ten exciting community projects

The £7.2 million fund has been created by EDF Energy and is administered by West Somerset Council to support improvements in the communities most affected by the impacts arising from HPC Site Preparation Works.

From relocating endangered species away from road improvements at Tropiquaria in Washford to building brand new community facilities in Stogursey and Wembdon, a number of projects are already reaping the benefits the fund has to offer.

Wembdon Village Hall and Playing Fields committee have been granted money for a project which

will transform the local area with a new village green, sport fields and facilities, a village hall, a new building for the local pre-school and even a wildlife area for the community to enjoy for many years to come.

Stogursey Parish Council were successful in an application to change an underused patch of land into an exciting new play area in Burgage Road, with a range of equipment for children and young people of all ages and abilities.

Tropiquaria Zoo has now completed the enclosures for their gibbon, tamarin and lemur population away from the Washford Cross road improvements work. The lemurs are already in residence (see front cover) and the new play equipment is now being put to good use!

Other successful project applications...

The Onion Collective received funds to refurbish and extend Watchet Boat Museum, including a new visitor centre which will provide visitors to the area with a new focal point and gateway into Watchet.

Stogursey Football Club applied to the CIM Small Grants Fund to pay for removable goal posts for their football pitch, and to create a separate "kick about" area for the young people.

Kilve Cricket Club aim to welcome HPC workers into their community through sport and have been awarded funds to improve facilities at the club and extend the training session they run during the week.

For full details on how to apply to the fund, please visit:
www.westsomersetonline.gov.uk/CIM



Cannington Court – where the old meets the new

Open day reveals former nunnery's transformation to EDF Energy's flagship training Campus

EDF Energy has completed a multi-million-pound project to transform one of Somerset's historic houses into a state-of-the-art training campus for employees in the UK.

Last month Cannington Court, near Bridgwater, opened its doors to local residents, allowing them to see first hand the results of the 18 month restoration programme.

Cannington Court Campus is the centrepiece of EDF Energy's training and development programme. Its 50 en-suite bedrooms, wide variety of meeting spaces and village setting make it the ideal place for employees to come and learn, network and share knowledge.

The property was originally founded by Robert de Courcy in 1138 and enjoyed an interesting history including service as a priory, Benedictine nunnery, family home and a school. Restoring a property with such an extensive history has been a challenge involving painstaking and laborious work.

A priority of the project has been to sensitively introduce modern building techniques and 21st-century learning technology, and to ensure sustainability. An example is the installation of ground-source heat pumps and solar panelling which provide all of the building's heating requirements.

During the open day residents were given a guided tour and heard how remains of the 13th-century priory complex were revealed and restored, as well as medieval buildings, water culverts and floor surfaces. In recognition of the historical value of the building, conservation work was carried out using traditional skills, including stonemasonry, carpentry, joinery, roofing, leadwork, glazing and lime rendering.

Work involved extensive masonry repairs, conservation repairs to windows, structural repairs to the roof and the installation of lightning protection and safe access measures, with workers careful to ensure that delicate ecology including wisteria, bats, nesting birds and beehives was not disturbed.

Below The new courtyard at Cannington Court Campus

Dave Drury, Campus Chancellor, said: "Completing the project has been a delicate balancing act of building EDF Energy's flagship training facility in the UK whilst also complementing and preserving this important piece of local history. There has been lots of interest from the community and so we were pleased to open our doors and showcase what we've accomplished here."

Cannington Court will be holding an open evening on **25 August from 5pm to 7pm** for those villagers who could not attend the open afternoon. Please report to the Porters Lodge at Cannington Court, where you will be provided with a tour of the facility to see how EDF Energy has restored the buildings



The Beat Goes On

Part of the Avon and Somerset Constabulary, Sgt Steve Crago and his Hinkley Point policing team have a special role working within our community

The local police force has worked alongside nuclear power stations for almost 60 years, from the construction of Hinkley Point A in 1957, to the current operation of Hinkley Point B and the future development of Hinkley Point C.

In 2009, during the HPC Project's two year consultation, Sgt Steve Crago was tasked with understanding the impact HPC would have on local policing. "Throughout the course of our discussions with the project team I started to create a picture of what it would take to build the two nuclear reactors at HPC and it was clear that developing a long term strategy to support the community and reduce potential impacts was crucial."

The Hinkley Point policing team are now well

established in the communities they serve, taking on a diverse set of initiatives across the local area. Conducting speed watch campaigns and enforcing the local speed limits, community liaison, and neighbourhood support and protest management are just a few examples. Most recently, the team have been engaged in speed monitoring and enforcement near Williton at the Washford Cross road improvements and through the village of Cannington, where they are supported by Cannington Community Speed Watch. "We are pleased that the team's efforts in Cannington have resulted in a drop in excess speed through the village over the past two years," said Steve.

Now familiar faces in the local areas surrounding the HPC development, the team continue to work closely with the Hinkley

Point visitor centre at the Angel Place shopping centre in Bridgwater. There they have hosted a vast range of vital public workshops alongside the other emergency services on subjects such as good health, road safety, and fire safety in the home.

Importantly, Steve's current team of four will adjust and grow in line with the project. Andrew Cockcroft, Community Relations Officer for HPC, said "The work of the Hinkley Point policing team is invaluable locally and means that members of the regular force don't have to leave their duties to attend to incidents related to this hugely important but very large infrastructure project. With the support of the HPC policing team, the local community should see no impact on their policing throughout our entire build."





What improvements are you making to Somerset roads?

We're ahead of schedule on delivering a multi-million-pound package of improvements to the road network in Somerset. The improvements are required to get the routes used by construction traffic in Somerset fit for purpose before the build of Hinkley Point C begins.

The £16 million package includes a brand new 1.6km bypass, to take construction traffic around the village of Cannington, two new roundabouts at locations where accidents have occurred and a comprehensive upgrade to one of the busiest junctions in Bridgwater.

A new roundabout on the A39, near Watchet, is expected to be operational early in 2016. The bypass around Cannington is also expected to be operational in early 2016, whilst improvements to the busy Taunton Road Broadway junction in Bridgwater have just finished, well ahead of schedule.

Where does the project stand now?

We have carried out extensive work to make the Hinkley Point C project ready for a final investment decision. We've invested significantly in preparatory activities including site preparations (earthworks, drainage works and culvert construction and concrete production facilities) and road improvements.

These works are now largely complete. The next phase of work on site and in the associated developments will require a substantial increase in spending levels, and will begin as soon as the final investment decision has been made.

We expect the final investment decision to be made in the coming months.

In the meantime, work to ensure the project's readiness is continuing, including project planning, engineering design and commercial supply chain activities.

Our Top Tweets...

Follow us @edfehinkleyc 

 A screenshot of the Twitter profile for EDF Energy HinkleyC (@edfehinkleyc). The profile header shows 461 tweets, 18 photos/videos, 53 following, and 880 followers. Below the header are four tweets:

- Tweet 1 (Jul 31): "#Somerset firms to feed the #HinkleyC workers - 500 tonnes of meat, fish & veg a year!"
- Tweet 2 (Jul 23): "Our #HPCinspire programme has already delivered 853 approx hours of activity, engaging over 30,000 students! <http://bit.ly/1TSPUMd>"
- Tweet 3 (Jul 31): "We're focused on building a strong #supplychain <http://www.hinkleysupplychain.co.uk/> to deliver our multi-million £ project"
- Tweet 4 (Jul 20): "Delighted to open the new play area in Stogursey in time for the summer hols - made possible by funds from #HinkleyC"



Photography competition winner



Photograph taken by Malcom Lewis overlooking Bossington on Exmoor.
Taken with Nikon D5200.

Are you a budding photographer or a photography enthusiast?

Share your photographs taken in and around Somerset with us and 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 photography voucher.

Terms and conditions apply:

<http://hinkleypoint.edfenergyconsultation.info/newsroom-faqs/newsletters/>

