

Hinkley Point C Supply Chain Update



Delivery Partners for the Hinkley Supply Chain Team

June 2021

Dear



Welcome to Hinkley Supply Chain's June newsletter. Hopefully, you have been able to enjoy some of the fantastic weather we have been having lately.

If, like me, you have been watching 'Building Britain's Biggest Nuclear Power Station' on BBC2, I'm sure the scale of the whole operation would have left you flabbergasted. We at the Hinkley Supply Chain are very proud to be involved in the project and, of course, assisting you, the regional supply chain, to play a part in this once-in-a-generation opportunity.

You may have seen in the news over the past few weeks, the amazing news that EDF has spent £3.2 billion with companies in the South West to-date against a target of £1.5 billion during construction. This was published in the Socio-Economic Impacts Report 2021 which you can read [here](#). This report includes case studies from several businesses who have received support via the Hinkley Supply Chain.

Participants at Somerset Chamber's First Thursday Club were lucky to hear Andy Cockcroft, EDF's Senior Manager - Community Relations, speak about the work that has been completed on site so far, but also what is in the pipeline.

In this issue, we have case studies from SDS and WB Alloys who have both been successful in winning contracts with contractors at HPC. As businesses have reported an increase in cyber-attacks and phishing scams, we also have an article from the Somerset Cyber Group with advice on how to spot common phishing techniques and tips on how to avoid falling into the trap.

As a team we have been working hard behind the scenes to uncover opportunities for the

supply chain, but as ever we need your help – remember to keep your registration up to date. If you need any help logging in the registration or updating get in touch.

**Natalie Beacham, Hinkley Supply Chain Project Lead,
Somerset Chamber of Commerce**

Project Update

The publication of the Hinkley Point C Socio-Economic Impacts Report has enabled the project team to share the real tangible benefits that the South West is experiencing from HPC. These benefits have arisen partly as the result of an ongoing belief and commitment that Somerset and South West businesses can and should play a part in the construction. EDF and many of the Tier 1 contract partners have helped nurture local and regional suppliers and many have stepped up and are now delivering an excellent service using local people and local supply chains.

The next phase of construction is the MEH (Mechanical, Electrical and HVAC (heating, ventilation and air-conditioning) phase. This demands a different set of skills and as such the project continues to work with local colleges and contract partners to set up and run training facilities that cover welding, mechanical, and electrical installation. The skills that are and will be developed at these facilities will be used on the HPC site and will give the South West the legacy of a skilled workforce that will attract other employers and sectors into a part of the UK which has so much to offer.

As the project approaches the fifth year since the financial investment decision was taken work is approximately 45% complete. Much of this work is below ground, so going forward the power station will quickly take shape with only 18 months until the next major milestone is due when the Unit 1 containment dome is installed. Sarens crane Big Carl (pictured in action) will lift this fabrication into position, but before this takes place the internal structures within the containment must be complete and various equipment installed including the huge polar crane. This crane will then be used to install the primary circuit components such as the steam generators (560 tonnes) and the reactor pressure vessel (470 tonnes).



Work to upgrade the wharf at Combswich continues apace with Hochtief due to finish work later this year. This facility is used to bring in the AILs (Abnormal indivisible loads) and is essential in getting the turbine and reactor primary circuit components to site. A partnership with Osprey shipping has been set up who will act as the marine logistics supplier to the project. Working with Tier 1 suppliers and the construction site planners, they will ensure that these huge pieces of equipment are transported from Bristol Avonmouth and delivered to site at the right time. We are fortunate to have Osprey working with us on the project as they have many years of experience working within the Bristol Channel and using the Wharf at Combswich.

For the latest update from site, take an online video tour with Nigel Cann, Hinkley Point C Programme and Construction Delivery Director, [by clicking here.](#)



Helping to keep HPC's offices working efficiently

A huge range of companies are involved in the construction of Hinkley Point C, helping EDF to build the first in a new generation of nuclear power stations. But all these firms need support, too, and this is where Somerset-based SDS Limited (Southwest Digital Systems Limited) comes in.

SDS Limited has built up an enviable reputation as a reliable and professional supplier of premium office equipment.

Its principal supplier is the Konica Minolta brand – and SDS Limited is Konica Minolta's only Elite Partner in the South West.

Nigel Gass, Director of SDS Limited, said: "We supply photocopiers, laser printers and document scanners alongside wide format printers up to A0. All servicing and support are carried out by our own manufacturer-trained engineers from our office in Edington just outside of Bridgwater.

"Our sales process involves personal account management to ensure your solution is delivered as promised. We also supply print management software PaperCut and Scan workflow applications for invoice approval and electronic document storage and retrieval systems which ensure productive and efficient control of your information.

"We have built up an enviable reputation of providing a service that is unparalleled in our sector."

To read more [click here](#).

Providing top quality welding support at site

UK welding and cutting manufacturer WB Alloy Welding Products UK has been supporting world-class engineering company Darchem at Hinkley Point C, supplying welding and cutting consumables, together with bespoke welding systems which are currently in production.



The company, whose Southern depot is based in Tavistock, Devon, also has depots in Glasgow, Aberdeen, Stockton-on-Tees and the United Arab Emirates.

The UK welding consumables manufacturer supplies a range of high quality, high integrity products for both welding and cutting applications. The product range encapsulates equipment and consumables for all welding and cutting processes and includes WB Alloys' own and other major brand name products.

To read more [click here](#).

Did you know that 83% of phishing scams start with an email?

The latest official statistics for cyber security breaches in 2021 reveal some staggering statistics:

- 39% of small businesses have reported a security breach or attack in the last 12 months
- Amazingly this is much higher at 64% for Medium and 65% for large businesses
- 21% of those small businesses affected ended up losing money, data or other assets
- 35% of them report being negatively impacted regardless, for example because they require new post-breach measures, have staff time diverted or suffer wider business disruption
- Among those that have identified breaches or attacks, 27% of these businesses experience them at least once a week
- 83% of attacks are phishing attacks, followed by impersonation attacks at 27%
- Broadly, these patterns around frequency and threat vectors are in line with the 2020 and 2019 results

So what can you do?

- Be vigilant – look for the signs, poor grammar, spelling and tone of emails
- Be suspicious – if you aren't expecting an email, check it out before responding
- Don't be pressurised – urgent requests should be verified before proceeding
- Report it – report suspicious emails to IT, you may not be the only one targeted. If you've become a victim of fraud or Cyber Crime, report this to Action Fraud UK
- Communication – raise awareness and talk to your colleagues about your experiences. Remember, attacks are not limited to email, there is Smishing [SMS based Phishing] and Vishing [Voice based Phishing]
- Education – Train your most vulnerable members of staff, Finance, HR and Managers. Make sure staff are regularly trained to keep the information fresh

The Government's Cyber Essentials Scheme is a great way to ensure and demonstrate your good cyber security practice.

For more information visit the Somerset Cyber Group's website: [Home | Somerset Cyber Group](#)

Efficiency improvements drive progress at Hinkley Point C

The world's largest land-based crane, Big Carl, lifted the second of three massive containment rings from the bunker it was constructed in to a lay-down area close by.

Now being prepared for the final lift into the first reactor building, the 17m-tall ring with a diameter of 47m was built 36% faster than the first by teams using the experience gained during the construction of the first ring.

The prefabricated steel ring, which forms part of the reinforced cylinder around the nuclear reactor, was lifted out of a bunker where it was constructed in factory conditions – one of the innovations to improve quality on the project. Prefabrication inside these bunkers reduces the need to work at height or in bad weather and the work can be completed and checked in a controlled setting.

Liner ring two in numbers

- Diameter: 47 metres
- Height: 17 metres
- Lifted weight: 308 tonnes
- Length of welds: 934 metres

Big Carl will lift more than 500 prefabricated steel and concrete elements weighing up to 1,600 tonnes.



Stuart Crooks, Hinkley Point C Managing Director, said: “Our belief that we can do things better drives innovation at Hinkley Point C. As we build the first UK European Pressurised Reactor (EPR) we are learning and improving all the time. This is leading to improved productivity as we build Hinkley Point C’s twin reactors. We will use that experience to underpin our plans for two more identical reactors at Sizewell C.”



Please click the link below to see previous newsletter editions:

www.hinkleysupplychain.co.uk/news/newsletters/



www.hinkleysupplychain.co.uk

