







# Hinkley Point C: Realising the Socio-economic Benefits 2019



# Contents

	Foreword	4
	<b>2019 Report Summary</b>	<b>8</b>
	<b>People, Education, Skills and Employment</b>	<b>10</b>
	Education	14
	Young HPC	24
	Apprenticeships	26
	Skills and Training	32
	Employment	40
	<b>UK Economic Benefit and Supply Chain</b>	<b>46</b>
	Supporting the UK Supply Chain	47
	A Catalyst for Regional Economic Growth	50
	The Development of Local Consortia	54
	Supporting the UK's Industrial Strategy	58
	<b>Community Investment</b>	<b>64</b>
	Building more than a Power Station	64
	Wider Infrastructure Investment	66
	Working in Partnership with Local Communities	72
	Being a Good Neighbour	74
	<b>Wider Long-term Benefits</b>	<b>76</b>
	<b>About Us</b>	<b>78</b>



We all know the incredible progress being made on-site at Hinkley Point C in terms of construction, but we have also been working on delivering our targets for wider socio-economic benefit.

This report provides an update and evidence of the wider benefits the project is delivering for people in Somerset and across the UK. This is the result of our long-held determination to make sure that the project provides a positive and lasting legacy for people, industry and the economy.

We have worked hard to make Hinkley Point C accessible to local people and businesses. We have made sure that the massive inward

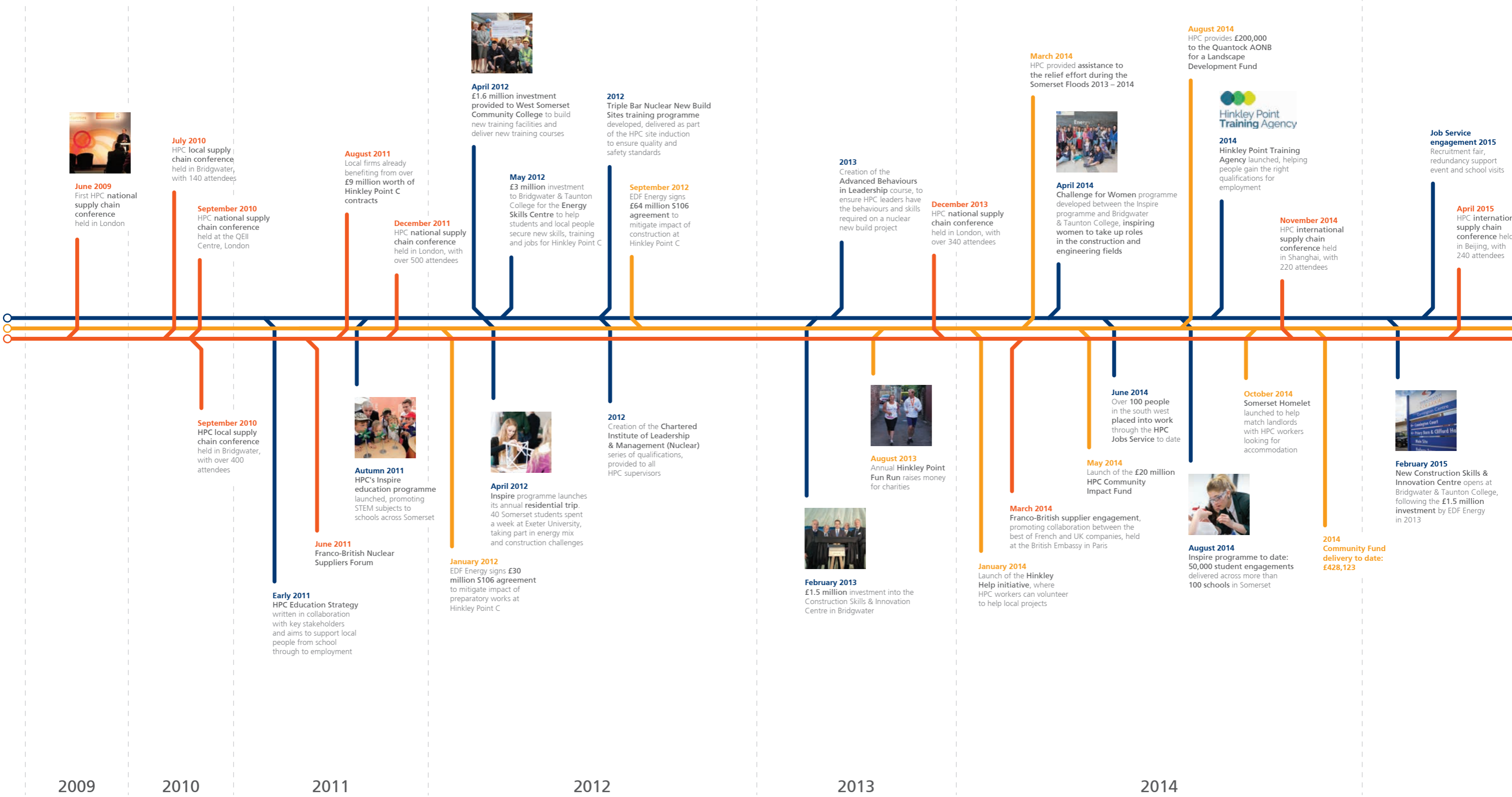
investment made at Hinkley Point C is a catalyst for social and economic benefit in the south west and beyond.

This report also shows we're meeting the ambitious targets that we set at the beginning of the project. Hinkley Point C is a project built on people and their talents. I am proud that so many people on and off the site will have developed their potential and started their careers because of our project – and I am delighted that so many British businesses are growing their skills and capabilities because of their work with us.

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

Hinkley Point C will leave a positive legacy for the future. This report provides an update on how we are meeting the ambitious targets that we set at the beginning of the project.

This **timeline** highlights some of our key activities and milestones over the last nine years



**June 2009**  
First HPC national supply chain conference held in London

**July 2010**  
HPC local supply chain conference held in Bridgwater, with 140 attendees

**September 2010**  
HPC national supply chain conference held at the QEII Centre, London

**September 2010**  
HPC local supply chain conference held in Bridgwater, with over 400 attendees

**August 2011**  
Local firms already benefiting from over £9 million worth of Hinkley Point C contracts

**December 2011**  
HPC national supply chain conference held in London, with over 500 attendees



**Autumn 2011**  
HPC's Inspire education programme launched, promoting STEM subjects to schools across Somerset

**June 2011**  
Franco-British Nuclear Suppliers Forum

**Early 2011**  
HPC Education Strategy written in collaboration with key stakeholders and aims to support local people from school through to employment



**April 2012**  
£1.6 million investment provided to West Somerset Community College to build new training facilities and deliver new training courses

**May 2012**  
£3 million investment to Bridgwater & Taunton College for the Energy Skills Centre to help students and local people secure new skills, training and jobs for Hinkley Point C



**April 2012**  
Inspire programme launches its annual residential trip. 40 Somerset students spent a week at Exeter University, taking part in energy mix and construction challenges

**January 2012**  
EDF Energy signs £30 million S106 agreement to mitigate impact of preparatory works at Hinkley Point C

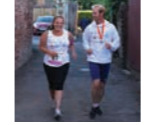
**2012**  
Triple Bar Nuclear New Build Sites training programme developed, delivered as part of the HPC site induction to ensure quality and safety standards

**September 2012**  
EDF Energy signs £64 million S106 agreement to mitigate impact of construction at Hinkley Point C

**2012**  
Creation of the Chartered Institute of Leadership & Management (Nuclear) series of qualifications, provided to all HPC supervisors



**February 2013**  
£1.5 million investment into the Construction Skills & Innovation Centre in Bridgwater



**August 2013**  
Annual Hinkley Point Fun Run raises money for charities

**2013**  
Creation of the Advanced Behaviours in Leadership course, to ensure HPC leaders have the behaviours and skills required on a nuclear new build project

**December 2013**  
HPC national supply chain conference held in London, with over 340 attendees

**March 2014**  
HPC provided assistance to the relief effort during the Somerset Floods 2013 – 2014



**April 2014**  
Challenge for Women programme developed between the Inspire programme and Bridgwater & Taunton College, inspiring women to take up roles in the construction and engineering fields

**June 2014**  
Over 100 people in the south west placed into work through the HPC Jobs Service to date

**May 2014**  
Launch of the £20 million HPC Community Impact Fund

**March 2014**  
Franco-British supplier engagement, promoting collaboration between the best of French and UK companies, held at the British Embassy in Paris

**January 2014**  
Launch of the Hinkley Help initiative, where HPC workers can volunteer to help local projects

**August 2014**  
HPC provides £200,000 to the Quantock AONB for a Landscape Development Fund



**2014**  
Hinkley Point Training Agency launched, helping people gain the right qualifications for employment

**November 2014**  
HPC international supply chain conference held in Shanghai, with 220 attendees



**August 2014**  
Inspire programme to date: 50,000 student engagements delivered across more than 100 schools in Somerset

**October 2014**  
Somerset Homelet launched to help match landlords with HPC workers looking for accommodation

**2014**  
Community Fund delivery to date: £428,123



**February 2015**  
New Construction Skills & Innovation Centre opens at Bridgwater & Taunton College, following the £1.5 million investment by EDF Energy in 2013

**Job Service engagement 2015**  
Recruitment fair, redundancy support event and school visits

**April 2015**  
HPC international supply chain conference held in Beijing, with 240 attendees

- Education, Skills and Employment
- Community Investment
- Supply Chain



# 2019 Report Summary

## Our Socio-Economic Strategy

The Hinkley Point C (HPC) project, located in Somerset, is more than just the construction of a power station. It is a once-in-a-generation opportunity for positive and sustainable growth locally, regionally and nationally. Hinkley Point C is also a catalyst for meeting the Government's ambition to improve productivity and increase social mobility.

At the time of preparing and submitting our application for development consent for Hinkley Point C, one of the Government's priorities was to encourage economic growth in the UK through the delivery of new low-carbon energy infrastructure. In particular, there was a need to support the rebalancing of the economy towards the regions and manufacturing, and to develop the skills base of the workforce to support more employment in well-paid, high-skilled jobs.

Our aim since then has been to make these national priorities a reality, both across the UK and in Somerset and the south west, by seeking practical solutions at a local level. We have worked with government bodies and local partners to deliver this aspiration through a number of strategies relating to the UK supply chain, workforce and education, and the regional economy.

The Government's industrial strategy focuses on infrastructure development (a major upgrade to the UK's infrastructure), people (good jobs and greater earning power for all) and places (prosperous communities across the UK). These elements are at the core of our socio-economic benefit delivery.

At a local level, we agreed two section 106 agreements<sup>1</sup> with local authorities to provide site-specific mitigation; supporting local communities by providing funding to areas such as education, health, training, transport, housing and tourism.



## Delivering Positive Benefit

### Meeting Our Ambitions – Progress to Date

Even at this relatively early stage of the project, we are making excellent progress against the core ambitions and targets set out before construction began.

#### Jobs



**6,500** job opportunities created to date...

against an ambition to create **25,000** job opportunities over the course of the project.

#### Local Employment



**50%** of the workforce recruited from the local area...

against a target of **34%** over the course of the project.

#### Community Investment



**£108 million** of community investment delivered to date...

against a target of providing **c.£130 million** of investment to support the community in areas such as economic development, tourism, health, leisure and infrastructure.

#### Apprenticeships



**378** apprentices trained on site to date...

against an ambition of training **1,000** apprentices over the course of the project.

#### Regional Supply Chain



**£981 million**

spent directly within the regional economy to date...

against a target of **£4 billion** of investment into the regional economy over the full lifetime of the project.

#### UK Supply Chain



**64%** of the value of HPC contracts to UK-based companies...

against a target of delivering **57%** of contractual value to UK-based companies.

<sup>1</sup> Planning obligations under Section 106 of the Town and County Planning Act (as amended), commonly known as s106 agreements, are a mechanism which make a development proposal acceptable in planning terms.

<sup>2</sup> £130m investment includes £105m s106 and infrastructure improvement spend, plus c.£30m investment into local training facilities.



# The Education Skills and Employment Pipeline

## Our Education, Employment and Skills Ambitions



Aim to create **1,000** apprenticeships



**34%** of employment opportunities for locals



**25,000** job opportunities



**£15 million** investment into education and skills

The Hinkley Point C project's education, skills and employment pipeline is continuing to ensure that the huge opportunities in the construction of the new power station can be realised by individuals from across the region and the UK, whether they are in school, exploring careers or accessing apprenticeships and other career routes.

New skills are needed to give Britain a workforce that can meet the task. From the earliest stages of the HPC project, we recognised the skills challenge facing the nuclear construction industry. We wanted to provide a rounded approach to education, skills and employment; a start-to-finish journey (or "pipeline") that could benefit local people.

Our pipeline approach was implemented in 2011 and it enables job seekers and young people to gain the skills to become work ready and eventually 'Hinkley Ready' – fully skilled and prepared to fulfil a role on the site. The legacy will go far beyond the 25,000 job opportunities at Hinkley Point C and will help employees build skills they can use across the industry. The development of the science, technology, engineering and maths (STEM) skills and support for retraining is a core part of Government's industrial strategy 'people' initiative.

Starting at school-age, our pipeline offers support and guidance through to school leavers, apprentices and, finally, into long-term, sustainable employment.

In providing a start-to-finish pipeline, we are:

- **providing an industry-leading schools engagement programme**, 'Inspire', across the region to motivate young people into science, technology, engineering and mathematics career routes.
- **providing an innovative bridge from education into the world of work** – supporting local careers advice and guidance through the Young HPC Programme.
- supporting the development and **raising the overall skill level and profile of apprenticeships** for people across the region.
- **providing advice, guidance and support** for local people searching for long-term, sustainable careers whilst also supporting local employment infrastructure.
- **supporting the region's strategy for increasing productivity and social-mobility**, particularly in West Somerset. At a time of historically high employment, the pipeline is helping local people to upskill, retrain and access high quality, sustainable careers.

<sup>3</sup> On 25 September 2015, the 193 countries of the UN General Assembly adopted a set of goals to end poverty, protect the planet and ensure prosperity for all as part of a new sustainable development agenda. Each goal has specific targets to be achieved over the next 15 years. For the goals to be reached, everyone needs to do their part: governments, the private sector and civil society.

## Initiatives within the HPC Education, Skills, Apprenticeship and Employment Pipeline

### INSPIRING THE NEXT GENERATION

Inspire is Hinkley Point C's education programme delivered via a range of workshops, careers assemblies and other innovative activities. From Haygrove School in Bridgwater to Danesfield School in Williton, the team are on hand to bring science, technology, engineering and maths (STEM) to life.



### SUPPORTING YOU FROM SCHOOL TO WORK

If you are aged 16–21, the Young HPC Programme has been designed to give you access to a range of resources that will help you take steps towards your dream career. If you don't know what your dream career is yet, take the opportunity to find out what makes you tick and get suggestions of roles that could suit you.



### ACCESS A NEW WAY TO EARN WHILE YOU LEARN

At Hinkley Point C, our aspiration is to create 1,000 apprenticeships throughout the course of the project. The wide range of skills required to build Hinkley Point C means that there really is opportunity for everyone. Apprenticeships combine doing a real job with formal training, meaning that you get to work and earn whilst developing your skills.



### GUIDING YOU INTO A CAREER AT HPC

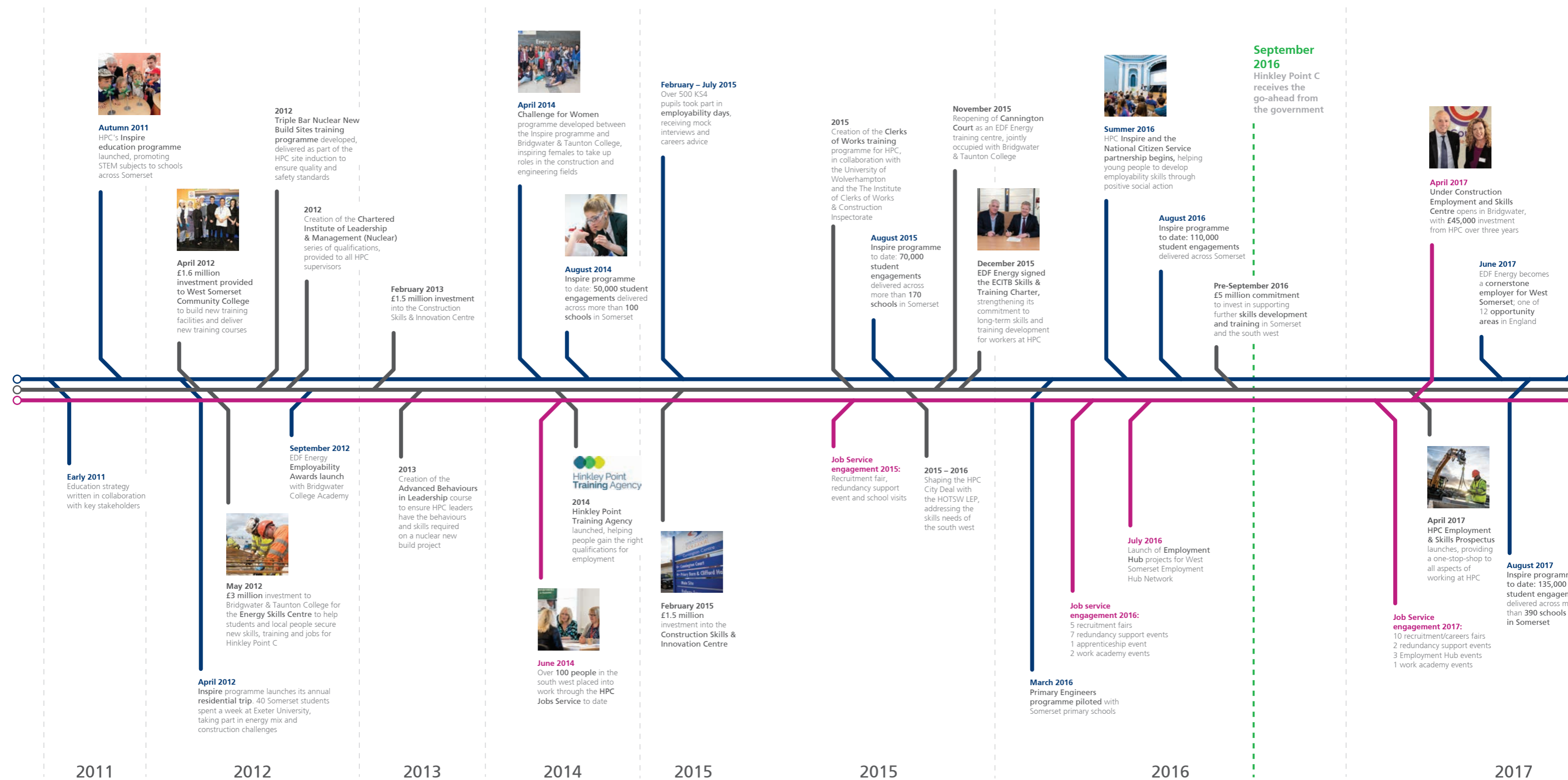
The Hinkley Point C Jobs Service is supporting local people into exciting, long-term careers across the project. The team is on hand to help and advise, matching your skills to appropriate roles as they come up.



*"I am particularly proud to be part of a project that is already changing lives for the better. Whether it be inspiring the engineers and scientists of tomorrow in local schools, or supporting local people through training to access well-paid sustainable careers, the pipeline approach is truly making a difference."*

**Sharon Dommett**, Head of Employment Affairs Unit

The following **timeline** highlights just some of our pipeline activities from the past nine years



- Education
- Skills and Training
- Employment

**Progress to date**

- 378** new apprenticeships created as a direct result of the project
- 6,500** new jobs created or safeguarded
- 50%** current local employment
- £15 million** invested into education and skills



# Education

Since the programme began...



**1,000** STEM and careers activities delivered across the south west, involving;



**415** education institutions, leading to;



**150,000** student interactions.

## Inspire Education Strategy

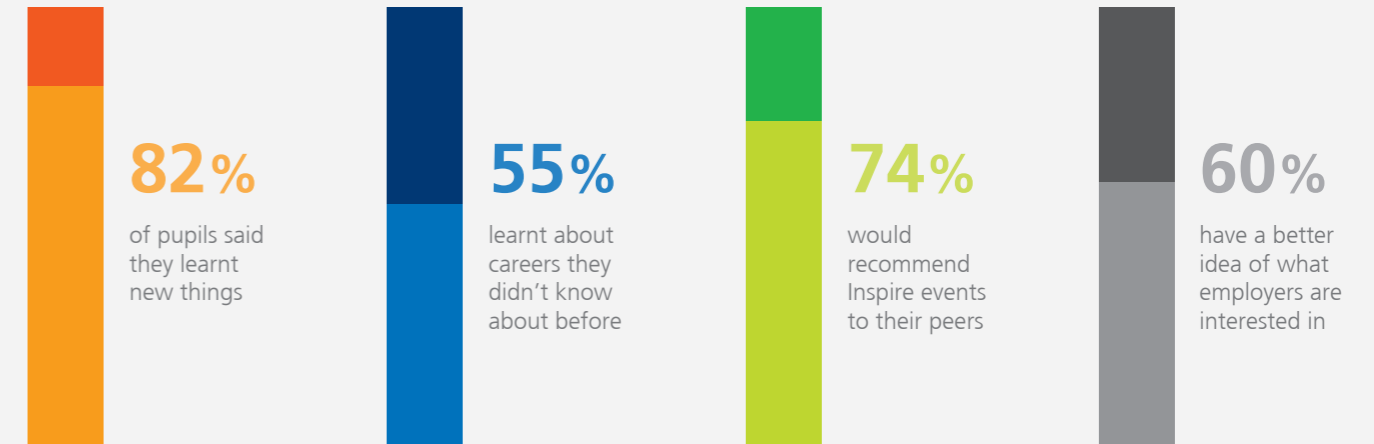
Launched in autumn 2011 and part of our £15 million investment into education, skills and employment, HPC's Inspire education programme is encouraging young people into science, technology, engineering and mathematics (STEM subjects) and supporting them into long-term sustainable careers.

Our programme, delivered in schools across the south west, is helping to address a national skills shortage whilst preparing young people for the wealth of opportunities at HPC. With a 10-year construction period and a 60-year operating life expectancy, many of our future HPC employees will be in the classrooms of today. The Inspire programme is helping them to get the skills they need to benefit from the opportunity.

Working closely with local authorities, schools and colleges, the Inspire programme has been steadily expanding over the last seven years. Through a range of free activities, workshops, assemblies and events, Somerset youngsters are gaining first-hand experience of engineering-related challenges, an appreciation of the varied jobs in the nuclear industry, and the challenges and opportunities of a low carbon energy mix of the future.

The Inspire programme has now carried out over 150,000 student interactions across 400 schools and colleges. Its success in supporting social mobility was recognised nationally at the 2018 Business In the Community Awards.

Whilst our education aims are long term, recent independent research into the Inspire programme is showing that it's really making a difference:



*"There are many benefits to the HPC education programme for young people here in Somerset. It has been a well-sustained and well-resourced programme, where investment truly means for the long-term. There have already been five years of investment across revenue and capital, and we are delighted there will be even more to come. The term 'once in a lifetime opportunity' is bandied around a lot, but with the HPC education programme, it's quite genuine!"*

**Joanna Whitehead**

Somerset County Council Service Manager – Young Person's Support – HPC



## Performance in 2018

In the 2017/2018 academic year, Inspire engaged with...



**14,500** students and...



**512** education professionals through...



**470** hours of activity at...



**104** institutions to deliver...



**143** STEM activities delivered across the south west.

Independent research has found that young people who attended an Inspire event in 2017-18 were more likely to be interested in a career in construction, engineering or nuclear power than the wider Somerset school population. Those who attended an event were more than twice as likely to express an interest in a career in nuclear power.

Sky Blue Research Ltd, 2018.  
Inspire Education Programme 2017-2018  
Independent Evaluation Report.



## The Inspire Uplift

### Construction (Inspire Year 3)



**29%**  
of all students  
interested



**41%**  
of students interested  
POST-INSPIRE event

*"It's just putting that seed into students' minds, such as "I can do science, I can do engineering."*

**Local teacher**

### Engineering (Inspire Year 3)



**44%**  
of all students  
interested



**56%**  
of students interested  
POST-INSPIRE event

*"It is definitely good to see young graduates doing the assemblies because they know what they are doing and have more authority over the subject."*

**Student**

### Nuclear Sector (Inspire Year 3)



**18%**  
of all students  
interested



**41%**  
of students interested  
POST-INSPIRE event

## Inspire Residential Course

Forty-eight Somerset students from 12 different schools across the county took part in a 'low carbon' residential course during the 2018 Easter holidays.

The four-day event introduced students to the challenges of creating a low carbon energy world and provided an opportunity to learn more about exciting and the latest technology. The students toured the HPC construction site and the National College for Nuclear, as well as spending time at Cannington Court in the simulator suite - controlling a virtual nuclear power station. The students were mentored by 10 EDF Energy and HPC graduates throughout the course, learning more about the different options into early careers.

*"The residential event provided a stimulating learning environment for the participating young people. It was evident that they were thoroughly enjoying the combination of team working, problem solving and STEM-related challenges. It is a fantastic opportunity."*

**Jan Downie**, Head of Delivery,  
West Somerset Opportunity Area,  
Department for Education (DfE)



## Womens Construction and Engineering Challenge Days

Twenty-six Year 9 and 28 Year 10 girls took part in a series of Women's 'Construction and Engineering Challenge' days in May 2018.

The two-day events were coordinated by Bridgwater & Taunton College, and supported by the HPC Inspire programme and representatives from major suppliers at the HPC project.

The events highlighted opportunities within the construction industry and gave participants the chance to try out hands-on construction activities in a supported environment.



## Bristol University's ChemLabS Experience

Bristol University's ChemLabS experience continues to provide engaging and interactive hands-on science experiments and demonstrations to primary schools across the region.

During this reporting period, sessions have been delivered as part of primary-to-secondary 'transition' days, working in partnership with Chilton Trinity School in Bridgwater and delivered at Danesfield and Minehead middle schools in West Somerset.

*"I can say that what ChemLabS does for engaging children in science is huge. Living in West Somerset means that we are rather distant from the nearest university and having EDF Energy support our linkage with Bristol is extremely important. I do hope they continue to subsidise this event."*

**Gavin Fry**, Head of Science,  
Minehead Middle School

## STEM Days

Delivered with our partners at STEM Works, the day-long workshops have continued to inspire Year 8 students into STEM subjects.

They work in teams to design, test and modify egg protection vehicles before presenting their final solutions. For Year 9 students, the day starts with an opportunity to find out more about STEM careers from our own volunteers before launching into an activity to create real electricity generators.

*"Amazingly well organised and a true inspiration to our students. Allowed students to have a clearer idea about careers and opportunities after school life."*

**Local teacher**



212 STEM volunteers have helped deliver **470 hours** of quality STEM and careers education, information and guidance activity across Somerset in 2018.



## STEM Energy Talent Academy Programme

Thirty-one young people from West Somerset College, Bridgwater College Academy and Taunton Academy took part in this innovative new activity.

The Talent Academy offers young people the opportunity to gain an invaluable insight into a possible career in the STEM energy industry.

Designed for students in Year 10 and 11, the programme runs over two years, with sessions delivered during the autumn and spring terms.

It brings together a range of different collaborators, including KierBAM, BYLOR, TMB Patterns, Cavendish Nuclear and the National College for Nuclear.



Ambassadors play a crucial role in highlighting key roles and insights at HPC. The Inspire programme aims to engage as many Project Ambassadors as possible across all events and key stages

## National Citizen Service

EDF Energy's strategic partnership with the National Citizen Service (NCS) has reached approximately 1,500 students across the south west to date.

Working in partnership with delivery partners 'Somerset Rural Youth Project' and 'Active8', the HPC education and skills programme has delivered a combination of site tours and employability careers talks to young people during 'Phase 2' of the summer residential programme. The talks have highlighted the huge variety of career opportunities available during the construction and eventual operation of HPC and have reinforced the importance of developing strong employability and behavioural skills for the world of work.



## Improving Social Mobility

Opportunity areas are an important part of the Government's plan for improving social mobility through education and the Hinkley Point C project continues to play its part as a West Somerset Cornerstone Employer.

Working together with other members of the Opportunity Area Partnership Board, including the National Citizens Service and the Careers and Enterprise Company, the HPC project is using its education

activity to build young people's knowledge and skills, providing them with the best advice and opportunities to ensure they get the best possible start, whatever their background.

This is in addition to our original £1.6 million investment into West Somerset Community College, enabling local people to fully benefit from the opportunities that the Hinkley point C Project can provide.



*"The aim of the West Somerset Opportunity Area programme is to improve social mobility. Helping young people in West Somerset to make good career choices and be successful in gaining employment is critical to achieving social mobility. Therefore, we are delighted to be able, through the Opportunity Area, to provide additional investment in equipping young people across a range of important skills and capabilities. The connection between businesses, local employers and young people is critical to making that happen."*

**Fiona McMillan OBE**, Non-Executive Director, EDF Energy Nuclear New Build and Independent Chair of West Somerset Opportunity Area Partnership Board



## Young HPC



Young HPC now has **616 members** making use of its digital and face-to-face support.

### A Bridge Between Education and the World of Work

Launched in 2017, Young HPC is designed to support 16–21-year-olds from across Somerset with clear careers advice and guidance.

The innovative mix of digital content and face-to-face engagement has continued to develop during 2018 and is helping its 616 members to take steps towards sustainable careers. It is helping to build confidence and aspiration – giving young people a springboard to success at Hinkley Point C and beyond.

The Young HPC webpage contains a range of support tools to help build CVs and cover letters, develop interview techniques and introduce young people to routes into employment, including traineeships, apprenticeships and graduate schemes.

The Young HPC programme also includes a range of face-to-face events and employability workshops delivered at local colleges, covering topics from CV writing to apprenticeship entry routes.



*“It’s all part of the legacy we want to leave local young people by helping them to make decisions based on their own skills, interests and qualifications.”*

**Chris Young**, Hinkley Point C Apprentice and Skills Lead



### Case Study: Megan Handley

Bridgwater student, Megan, attended the first Young HPC event in 2017, and in March 2018, started her apprenticeship as a project controls technician.

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.

*“Young HPC gave me the tools I needed to find my into an industry that might otherwise be difficult. My apprenticeship also provides an amazing way to be able to study and learn, whilst networking with knowledgeable and like-minded people, something you wouldn’t always get at college.”*





# Apprenticeships



378 apprentices have now been trained at Hinkley Point C

Apprenticeships are at the forefront of workforce development and their scope continues to grow.

Opportunities are available in almost every aspect of the project, from steel fixing and construction management to catering and commercial management. The project has an aspiration to create 1,000 apprenticeships and, to date, almost 400 apprentices have now worked on project.

Those benefitting from the new apprenticeships have been working across a range of programmes from Level 2 steel fixing and formwork carpentry, through to new degree apprenticeship programmes in civil engineering

site management. The HPC project has also seen the creation of new apprenticeship standards in Level 3 project controls and design technician. The unique nature of HPC has allowed the introduction of these specialist programmes that will address the critical skills of the project, as well as provide routes to careers which will directly support the wider industry.

The wide range of skills required to build HPC means there really is opportunity for everyone. EDF Energy apprentices will also play a crucial role in operating and maintaining the power station throughout its 60 years of operation.



## Apprentice & Skills Hub

Hinkley Point C opened its new Apprentice & Skills Hub in October 2018; its creation a direct result of the project's forward thinking approach to skills development.

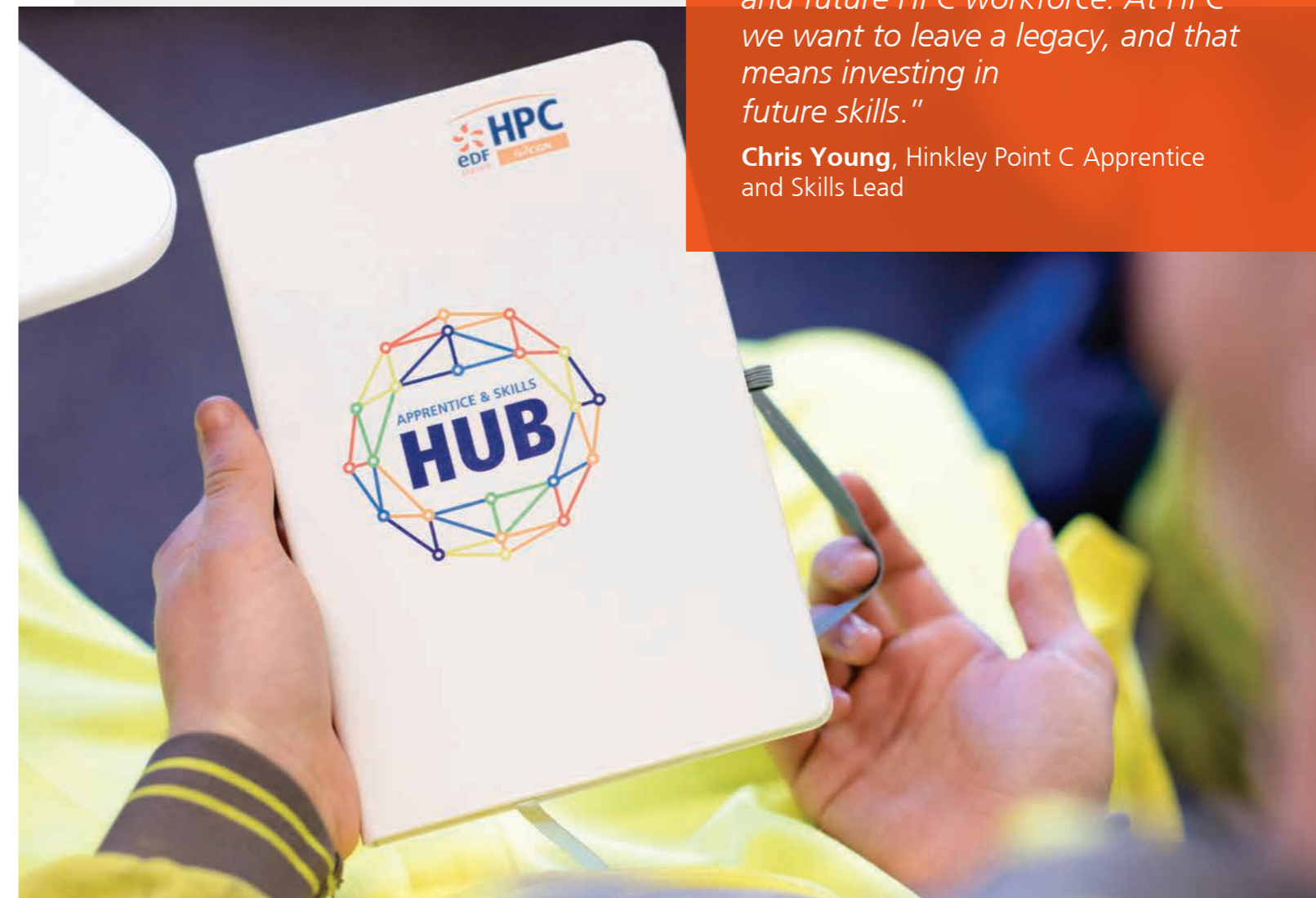
Located on the construction site, it is available to all current and new apprentices and will also provide training providers themselves with better facilities to support quality training. The Hub provides a space for apprentices to receive guidance, career support, courses, IT and study space, as well as a digital platform where they can share experiences and learning with each other.

The Apprentice & Skills Hub is also now being used by partners from professional institutes. The Institute for

Civil Engineers and the Chartered Institute for Builders began hosting topical talks, presentations and drop-in surgeries for its current and future members.

*"The HPC project has committed to supporting apprenticeships and skills development throughout construction. The Apprentice & Skills Hub has been put in place to act as an accessible space for our current and future HPC workforce. At HPC we want to leave a legacy, and that means investing in future skills."*

**Chris Young**, Hinkley Point C Apprentice and Skills Lead



*"An apprenticeship provided me with a fantastic foundation for a career that has taken me all over the world. To anyone considering an apprenticeship at HPC, I would urge you to seize the moment and make the most of the opportunities available"*

**Rob Jordan**, HPC Construction Director



## Degree Apprenticeships

Degree apprenticeships are at the forefront of the Government's apprenticeship reform policy and enable students to combine a full Honours degree with practical workplace skills and employment.

They're designed in consultation with employers to ensure that the education sector delivers the higher level skills that industry needs, and produces graduates whose thorough understanding of workplace behaviours and cultures enables them to add value to the bottom line from day one.

To achieve our ambitious target of creating 1,000 apprenticeships over the course of the HPC project, it is vital that we develop strong, collaborative relationships with our Tier 1 contractors to deliver the necessary

programmes in the region. One example is the Civil Engineer Degree Apprenticeship, developed by HPC supplier, Laing O'Rourke, and the University of Exeter.

This programme is the first example of our industry collaborating with a Russell Group University for degree apprenticeships. It is promoted throughout the UK, but with a particular focus on the south west and the schools and colleges around HPC.

*"I qualified as an adult apprentice for the steel fixer course – proof that there really are opportunities for local people on the HPC project."*

**Garth Young**, Steel fixer Supervisor

## EDF Energy Apprenticeship Programmes

Apprenticeships are a key focus of our workforce development and skills needs, and we want to provide the best possible access and experience for all apprentices working and learning as part of the project.

Whilst the majority of apprenticeships created will be through our primary contract partners, EDF Energy does have its own range of apprenticeships that are delivered across the business. They include apprenticeships in project controls, supply chain and quantity surveying, civil engineering, nuclear engineering, nuclear business and engineering maintenance.

For example, the supply chain apprenticeship scheme includes a Construction and the Built Environment HND at Bridgwater & Taunton College and then a Construction and Quantity Surveying Degree at the University of the West of England (UWE). Having developed the qualities and skills required, the apprentices are then ready for a career in the Supply Chain team with responsibility for managing their own portfolio of contracts. Taking 10 - 15 young people each year, our apprentices are drawn from schools and colleges across the south west.

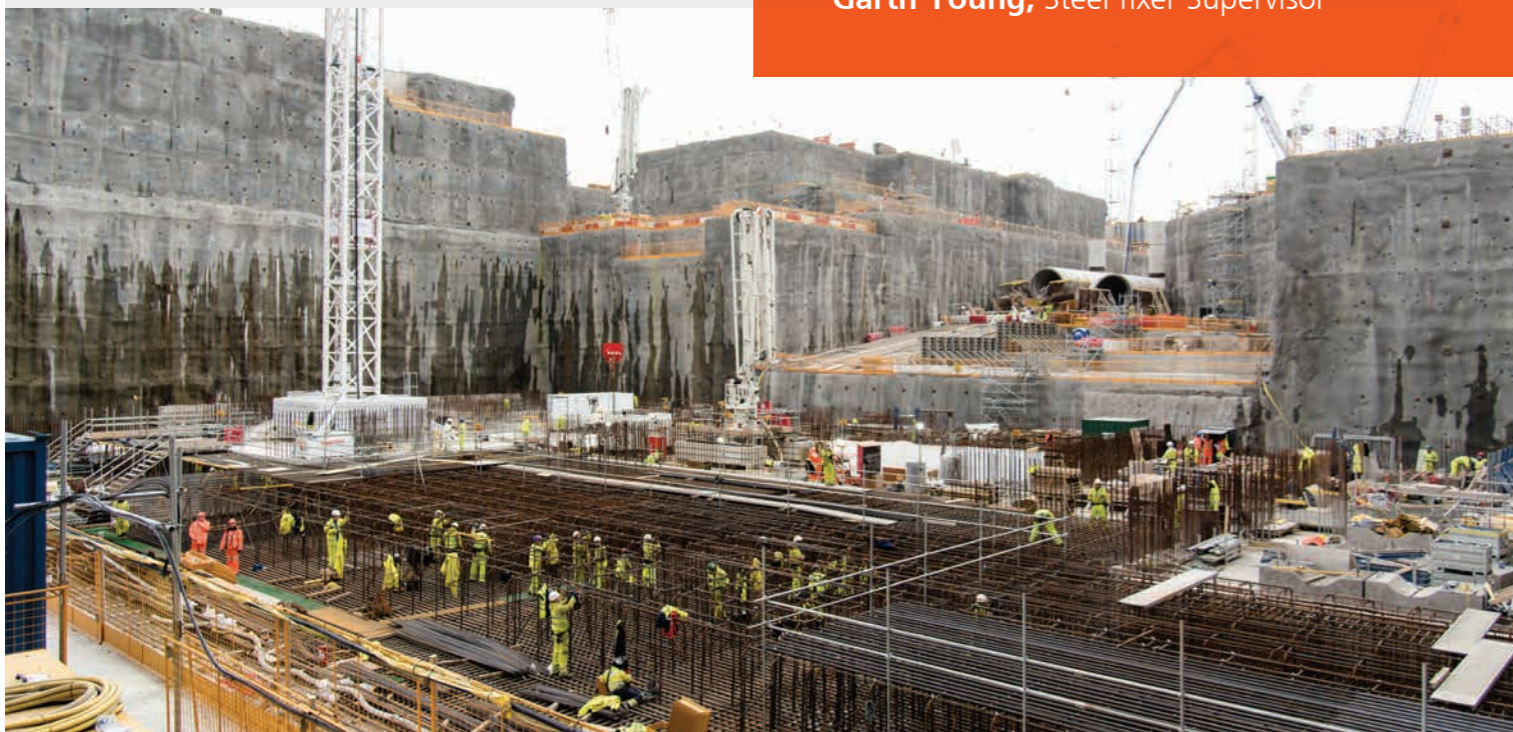
A newly launched programme in 2018, the project controls apprenticeship is a Level 3 programme developed around the new project control technician apprenticeship standard designed by industry experts. The sought-after two-year apprenticeships is being delivered in partnership with the National College for Nuclear.

*"There will be a lot of opportunities in the skilled and semi-skilled trades. Working with the National College for Nuclear and local Further Education colleges we are looking at developing upskilling and reskilling courses in the areas we are going to need in future. This has a sustainable impact for the south west and into the future, for Sizewell C as well."*

**Helen Higgs**, Head of Organisational Capability

*"Go for it, there is no need to feel intimidated. Applying for this job has been the best decision of my life."*

**Kieran Windsor**, Supply Chain Apprentice





## Case Study: Supported Traineeship

Working with partners at Somerset County Council, Somerset Skills and Learning and the charity Discovery, the Young HPC team developed a 10-week programme that enables those with special educational needs (SEN) to gain meaningful work experience.

*The new traineeship is helping those who may not yet have the appropriate skills or experience for employment or apprenticeships. It provides essential work preparation training, 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.*

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

*BYLOR (a joint venture of Bouygues and Laing O'Rourke), HOST, G4S Facilities Management, Somerset Larder and EDF Energy have all offered work experience placements across a diverse number of roles including catering, facilities management, hospitality and administration.*

*"My role is focused on supporting young people into long-term, sustainable careers no matter what their current skill base or experience level. It is absolutely fantastic to see our supported traineeship come to fruition and I look forward to welcoming future candidates."*

**Cora Heal**, HPC Early Skills Coordinator



## Case Study: Callum Matthews – Apprentice Formwork Carpenter

Callum is from Bridgwater and went to school at Robert Blake Science College, only a few miles from the Hinkley Point C site. After attending an apprenticeship event, he was inspired to find out what a career as an apprentice at Hinkley Point C could bring. He now works for main civils contractor, BYLOR as a formwork carpenter – a vital part of the concrete pouring process. A rising star on the project, Callum was a winner at the 2018 Bridgwater & Taunton College Apprenticeship Awards.

*"I went to an apprentice event where the team talked about building the first nuclear power station for 30 years – it was really interesting!"*

*"I really wanted a change in career to something that was a bit more hands-on and this was an option that I didn't even know was available. So far there have been loads of opportunities to grow as a person and to learn more skills for the future."*



## Case Study: George Sharp – Apprentice Digital Engineer

George joined the project in October 2018 and is training to be a digital engineer with BYLOR.

Wanting a change of career, George was looking for the opportunity to develop new technical skills and become a professional. After learning about the project, he decided an HPC apprenticeship was the obvious choice.

*"I have done an apprenticeship before, but the difference at HPC is enormous. My previous one felt like I was a kid on work experience – with BYLOR and at Hinkley Point C, I am a proper member of the team. They are invested in helping me to succeed, with all the benefits of being a full employee, which allow me to continue to live independently."*



## Case Study: Evie Walford – Quantity Surveyor

After growing up in Bridgwater, Evie joined the project in September 2018 with the goal of achieving valuable experience in the industry. The role allows Evie the opportunity to work in a variety of teams including the EDF Energy frameworks team in Bristol and the Balfour Beatty tunnelling team on Site.

*"During school and college I was uncertain on what career path I wanted to follow, as I wanted the opportunity to achieve further*

*qualifications but also start working and gain experience. When I heard about the HPC apprenticeship scheme I found out about the different paths I could choose once I had gained the qualification.*

*"An apprenticeship is giving me the opportunity to gain specialist knowledge and skills that are transferrable to use on a range of projects, allowing the chance to travel and work abroad."*







# Skills and Training



**£15 million** has been committed to improving local training, education and skills provision



**1,350** members of the workforce upskilled in classroom-based training in 2018



**11,700** online training course completions throughout 2018



**8,500** people have now been trained and assessed at the Construction Skills and Innovation Centre, Bridgwater

Our commitment to maximising outcomes for local people and maintaining skills and employment for opportunities will continue throughout construction and into operation.

Initiatives to train and upskill both the incoming and current workforce are helping to build a long-term sustainable workforce. More than £15 million has been committed to improving local training, education and skills provision.

In 2018, HPC teams continued their close collaboration with the UK's industry training boards and awarding

bodies to accredit the project's own internal courses. These efforts are not only proving the workforce with new skills that can be applied to Hinkley Point C directly, but also utilised across future engineering challenges across the country.

The development of new digital delivery methods has been paramount to this effort, with the improvement of online courses being a primary focus for the year. Accessible training options for our partners are allowing them to deliver the training required for work on site whilst providing a flexible environment in which to do so.

*"For almost a decade, we have been working closely with EDF Energy to help businesses and our community gear up for Hinkley Point C. EDF Energy's investment in us is giving individuals of all ages unprecedented opportunities for satisfying and remunerative careers, and this is set to continue as our region continues to experience strong economic growth. We look forward to many more years of effective and dynamic partnership."*

**Andy Berry**, Principal and CEO, Bridgwater & Taunton College



## Working with our Partners

We are working with local authorities, industry bodies and education providers to ensure that plans are delivered, actions are aligned to regional and national strategies, and additional funding is leveraged to support the work.

This strategic approach is aimed at reducing gaps in current provision and facilitates further collaboration with existing project initiatives and funding streams, primarily focused on those people furthest from the labour market and potential Hinkley Point C employment.

## Training and Upskilling

During the planning of Hinkley Point C, we saw skills gaps at both local and national levels.

These gaps existed in a number of areas but were particularly focused on our need for the highest standards of quality, so ensuring our supply chain companies had the right supervisory competencies was vital.

A long-term programme of training and qualification creation was initiated and continues to this day.

Working with local colleges, Tier 1 contractors, industry partners, such as the Construction Industry Training Board (CITB) and Engineering Construction Industry Training Board (ECITB), the project is directly supporting the UK's industrial strategy and drive to improve productivity through upskilling, but also focuses that effort, ensuring that local people have the ability to access the training and development on offer.



## Case Study: National College for Nuclear

The southern hub of the UK's National College for Nuclear (NCfN) was opened in early 2018 with the support of EDF Energy.

It is already home to over 80 full- and part-time students and apprentices in Engineering Maintenance and Operations, Project Controls, Digital Engineering and Nuclear Science/Engineering.

Teaching at the cutting-edge facility is delivered via an innovative combination of physical, augmented and virtual reality to recreate a 'live' nuclear installation within its walls. This enables students to experience the 'inside' of a nuclear power plant and experiment with different outcomes as part of their learning experience, in ways that could not be countenanced in a live installation.

Centred across two hubs, the southern hub of the NCfN is based at the Cannington Campus of Bridgwater & Taunton College and will work closely with the NCfN northern hub, based at Lakes College, Cumbria.

The centre now also delivers the four-year Maintenance and Operations Engineering Technician Apprenticeship for EDF Energy. Within this programme, significant focus is given to developing the attitudinal and behavioural characteristics of the apprentices, thereby equipping them with both the technical and life skills they require to become fully effective nuclear professionals.

*"This is a real step change for learners, who will study an innovative curriculum specifically designed to ensure they are highly sought-after when they graduate from college. We know that there will be high demand for the skills our students will gain, and they will have the potential to become an important part of the nuclear industry in the future."*

Paul Goss, Head of National College for Nuclear, Southern Hub

## Investing in Local Training Providers



**£3 million** to Bridgwater & Taunton College for Somerset's **Energy Skills Centre** to help students and local people secure new skills, training and jobs for Hinkley Point C;



**£1.5 million** to develop a **Construction Skills and Innovation Centre** at Bridgwater & Taunton College, providing a 'one-stop-shop' service to meet the training needs of Hinkley Point; and



**£1.6 million** has helped fund West Somerset Community College in the Hinkley Ready and Enterprise projects, enabling local people to fully benefit from Hinkley Point C opportunities.

## Our Investment in Skills and Training

### Energy Skills Centre

Opened in January 2011, the Energy Skills Centre at Bridgwater & Taunton College was designed to meet demand from local employers for training in science and engineering. The only facility of its kind in the south west, it delivers engineering, science, low carbon and nuclear-related education.

Now working directly with over 50 employers, including Rolls-Royce, Numatic, EDF Energy, QuEST and Refresco, the centre adapts and creates training in response to employer need.

### Construction Skills and Innovation Centre

The Construction Skills and Innovation Centre at Bridgwater & Taunton College - the result of our £1.5m investment - replicates a real life construction site, with industry-standard plant, machinery and equipment. It has enabled the College to offer training in excavation, groundworks, concrete pouring and scaffolding, and deliver the UK's first accredited qualifications in a number of important disciplines.

The Centre also has the infrastructure to facilitate bespoke training in steel fixing operations - one of the critical skills for nuclear new build, enabling steel fixing training to be delivered via large-scale, practical, team-based tasks.

Now running for six years, the Centre has delivered construction and engineering training and accreditation courses to over 8,500 people. Companies such as Wessex Water and Clancy Docwra have also had groups of apprentices learn at the Centre for several years.



*"Giving young people access to engineering equipment, experience and facilities, as well as access to larger employers, is key to encouraging them to look at engineering as a career. It's the perfect model of industry and education working together to give students the skills they need and to provide them with the skills that industry needs."*

**Matt Tudor**, Director of Business Development & Marketing, Bridgwater & Taunton College



## Case Study: Somerset Unemployed Fill National Skills Gap in Steel Fixing

Steel fixing is at the heart of construction and the rebirth of infrastructure in the UK.

It involves positioning and securing the key structural elements used in reinforced concrete on major projects.

Currently, there are 2,600 steel fixers in the UK, and with several large infrastructure projects planned across the country, the construction industry will need a significant number of new recruits over the next five years. As such, Laing O'Rourke has developed the first UK apprenticeship for steel fixers, provided through Bridgwater & Taunton College and the use of the Construction Skills and Innovation Centre in Cannington.

The first cohort of apprentices, taken in 2013/2014, ranged in age from 21 to 46 and are part way through a course at the Centre. In a mixture of classroom study

and on-the-job training, they are being trained to be steel fixers, one of the most highly sought-after skills in a resurgent construction industry.

*"We took a number of unemployed but talented local people, and have given them an amazing opportunity to acquire skills that are very much in demand," said Andy Berry, Vice Principal of Bridgwater & Taunton College. "Our course is unique because it's the first in the UK to embrace the new skills and techniques, such as digital engineering and off site manufacturing, which could not have been delivered in a conventional way. The construction industry is changing rapidly and these apprentices will have highly valuable skills which they will be able to utilise from day one".*



## Case Study: Crane Apprentices Lift Diversity

Hinkley Point C's main civil engineering contractor, BYLOR, will erect over 50 tower cranes on site. With a shortage of qualified tower crane operatives in the UK, they have developed a new Lifting Technician Apprenticeship.

BYLOR has now recruited the first cohort of apprentices to its Lifting Technician programme. It combines college and practice-based training, allowing participants to build their skills working on one of the most exciting projects in the UK, while gaining a recognised qualification.

In the first group of eight apprentices, six people are from the local Somerset area and four are women. They will gain one of the most highly sought-after skills in the modern construction industry.

The Lifting Technician Apprentices will work with the BYLOR Lifting Teams during their 18-month apprenticeship, and have the potential to operate tower cranes in future exciting construction projects across the UK.

## Working with National Training Partners

### Chartered Institute of Leadership and Management (Nuclear) Qualification

The nuclear industry demands extremely high standards and integrity in the nuclear safety culture we instil. To ensure that our workforce aligns to the requirements of the industry, all HPC supervisors are put through the Chartered Institute of Leadership and Management (Nuclear) (CILM(N)) qualification.

This nationally-recognised qualification has been developed collaboratively by the CILM and the HPC project to ensure that our supervisors are upskilled to nuclear industry standards, by building on leadership skills and introducing them to the nuclear safety culture.

The qualification, which is open to all of our contract partners, is transferable across the industry and can be used as a stepping-stone to other sectors. The development of a full suite of Award, Certificate and Diploma also ensures a future progression route for supervisors.

### Triple Bar Nuclear New Build Sites Training Programme

In the early stages of the project, we created an "Introduction to Nuclear" course; built in collaboration with our Tier 1 partners, the National Skills Academy for Nuclear (NSAN) and the Construction Industry Training Board (CITB) as part of the Triple Bar suite of courses.

The course was designed specifically for individuals with no nuclear industry experience and sought to provide the history of the nuclear industry, an initial awareness of why nuclear is different and the related safety culture prior to working on the project.

We have since moved the delivery of this "Introduction to Nuclear" into our standard induction for all new starters. However, NSAN continues to provide the course to other industry partners, including Bechtel and NuGen, ensuring the benefits of this upskilling course now extend beyond the HPC project and resulting in a true legacy learning outcome.

### Advanced Behaviours for Leaders Course

Our desire for continual learning and excellence led to the creation of a bespoke course in 2013.

The Advanced Behaviours for Leaders (ABL) course was developed alongside the CILM(N) course to ensure consistent messaging and standards. It ensures that the leaders of HPC develop, embrace and act as role models for the behaviours and skills we expect.

The three-day course is delivered at our Cannington Court facility and, whilst it is an internal course, it has been accredited by the Engineering Construction Industry Training Board (ECITB).

### Clerks of Works Training Programme for HPC

In 2015, the HPC Training Team worked collaboratively with the University of Wolverhampton and the Institute of Clerks of Works and Construction Inspectorate (ICWCI) to create a specific nuclear construction qualification - the Clerks of Works Training Programme for HPC. This is a first of a kind as no Clerk of Works training previously existed.



## Diversity and Inclusion

Hinkley Point C is a new opportunity to tackle the historical lack of diversity in the nuclear industry. Women in particular are very underrepresented in the construction and engineering sectors.

At Hinkley Point C we aim to create an environment which supports more diverse and inclusive teams and to increase the number of women in the construction phase and beyond. We want to support more women entering the industry and to encourage progression of those who are already working with us. Success in this area is already being seen within EDF Energy's apprenticeships where almost 40% of the current cohort are female – a substantial improvement against industry averages.

Throughout 2018, good progress has been made with the development and launch of a series of networks that are supporting the needs of a fully diverse workforce. The project now boasts a Women's Network, BAME Network, LGBT+ Network and Armed Forces Network, with both a Working Parent's Network and a Carers Network planned for launch later in 2019.

In 2019 the project will continue to deliver against the "Journey of Inclusion" Diversity and Inclusion Plan. It considers areas such as recruitment, inclusivity training and the development of a strong inclusive culture.

*"In addition to getting the basics right, we are building an approach based upon an inclusive culture, particularly moving towards conscious inclusion rather than unconscious bias, making us more open minded and welcoming of difference. This is particularly important in recruitment where we are developing diverse talent pools across future critical skills areas and better understanding the real and perceived barriers to progression."*

Helen Higgs, Head of Organisational Capability, Hinkley Point C





# Employment



The Hinkley Point C Jobs Team are busy supporting local people into work.

The construction and operation of Hinkley Point C will create thousands of employment and apprenticeship opportunities in a broad range of occupations and careers.

With around 25,000 employment opportunities throughout the construction phase, there will be jobs in construction, civil engineering, electrical installation, hospitality, catering, logistics, security, site services, support roles and others over the coming years.

And it's not just during construction. When complete, Hinkley Point C will have an expected workforce of around 900 people to run the power station throughout its 60-year operation.

## 2018 Update



**50%** of the workforce are from the local area.



**6,538** new jobs created or safeguarded.



**Almost 1,000** local people have received careers advice and guidance from the Job Service team in 2018.



**300** young people from Somerset are working on the project.

## The Hinkley Jobs Service

Our aim is that 34% of the Hinkley Point C workforce will have come from within 90 minutes of the site. To make this goal a reality, we are working with local organisations to ensure local people can access the huge range of opportunities available.

Currently, 50% of the workforce is from this area, illustrating the success of the project's strategy to date.

A partnership between the HPC project, Jobcentre Plus, the local authorities and other local support organisations and training providers, the Hinkley Jobs Service plays a key role in supporting local candidates into employment.

At this early stage of the project, almost 700 people have already been placed into jobs on the project by the Jobs Service Team.

Early work with our contract partners has helped to identify and plan for the specific jobs that will be created at Hinkley Point C during construction. The Job Service team then uses this information to support local people in their planning and preparation – including training and pre-employment support where possible – for when the roles become available.



The Jobs Service organises and holds regular outreach and recruitment events for particular skills areas, attends local jobs fairs, advises on training and upskilling opportunities and make sure local talent is recognised by our contractors. The wider local support also extends to funding employment hubs and employment outreach workers operating across Sedgemoor and West Somerset.

## Hinkley Jobs Service Priorities



**Matching people** to available jobs at Hinkley Point C and other local opportunities.



Providing **targeted support** for local people facing redundancy.



Arranging and delivering programmes to **help people into work**.



The Jobs Service is also actively working with PLUSS, a local not-for-profit company that **supports individuals with disabilities and other disadvantages** into work.



Using a **£45,000 investment** from the project to support the development and operation of wider local initiatives, such as the Bridgwater Employment Hub.



## Case Study: Redundancy Support for Local People

In 2016, the Hinkley Jobs Service provided targeted support to staff at the nearby Wansborough Paper Mill in West Somerset. It was the UK's largest manufacturer of coreboard and the biggest employer in Watchet, employing 175 local people.

Working with the paper mill's HR department and the on-site trade union (Unite), the Hinkley Jobs Service was able to provide information on employment, training and upskilling opportunities available at Hinkley Point C. The approach opened the door to new jobs for the

paper mill employees, with a number of former paper mill workers joining Hinkley Point C as security officers with G4S.

A similar approach has recently been used following news that a shipyard in North Devon was facing closure, with the potential loss of hundreds of skilled jobs. In early 2019, the Hinkley Jobs Service delivered support sessions for over 100 employees at risk of redundancy. The team provided the attendees with information on Hinkley, and the opportunities connected with their particular skills and experience.



The Under Construction Employment Hub was opened in 2017 by Sally Gunnell OBE

## Outreach Workers and the Under Construction Employment Hub

Two outreach workers, focusing on employment and skills support, are embedded into West Somerset and Sedgemoor councils.

Funded through the Section 106 Agreement, the outreach workers are integrated with the Jobs Service and promote registrations, targeted outreach and engagement. The outreach workers also support employer engagement, recruitment events and other initiatives.

Some of the outreach work is focused through the local employment hub in Bridgwater. Opened in April 2017, the centre is being funded through the Section 106 Agreement for HPC, with a £45,000 investment over three years. The money is being matched by partner contributions, either in kind or by direct funding.



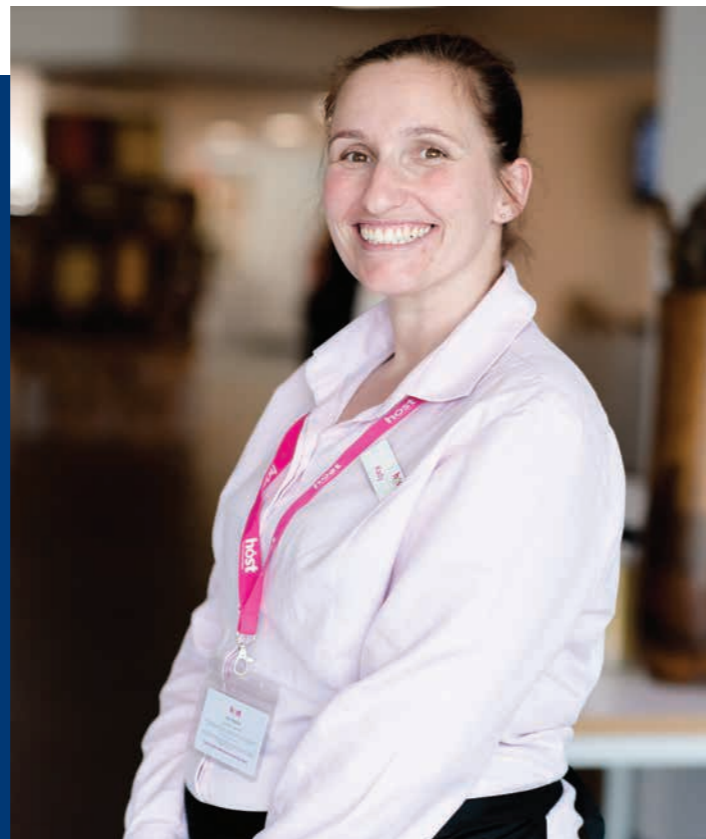
## Case Study: Kady Finka

Kady has always lived in Bridgwater, with her home only a few hundred metres from Hinkley Point C's new accommodation campus in Sydenham.

After attending one of the many careers events run by the Hinkley Jobs Service at the local community centre, she decided that a change of career could bring her new opportunities and a wealth of skills development and training.

Starting a new career as one of the HOST team at the Sedgemoor Campus was also really important in giving Kady the capacity she needed to pursue her passion of fostering, whilst also looking after own children.

*"This is a fantastic place to work and I always feel very lucky that I am able to only have a short walk in with some of my friends that also work with me – there are lots of us from just over the road in Sydenham! The Jobs Service Team was so helpful in helping me find*



*this new opportunity and I'm already excited about the many opportunities to progress and learn. I would love to run my own business in future and this is going to be a perfect springboard whilst also allowing me to concentrate on my family."*



## Case Study: Local Recruitment

Throughout 2018, the HPC Jobs Service has supported HOST Ltd Somerset with its workforce requirements.

A targeted approach was made to ensure HOST recruited the most suitable local candidates to fulfil its requirement of around 370 job roles. Provisions were also put into place to support local unemployed individuals who, with support and training, could access the opportunities arising. A Sector Based Work Academy was put into place and delivered in West Somerset, with all who completed the course entering sustainable employment with HOST.

HPC Job Service supported HOST in coordinating seven local recruitment events held throughout Somerset and Sedgemoor including events at Somerset Energy and Innovation Centre (SEIC), EDF Energy visitors' centre

and the Under Construction Hub. These seven events were attended by 1,278 local individuals, and strongly contributed to the amazing figure of 72% of HOST's workforce coming from within 20 miles of the two campuses.

To help alleviate local sensitivities around HOST in the Sydenham neighbourhood, HPC Job Service held two recruitment events and drop-in information sessions at the Sydenham community centre. This was an opportunity for local people to attend and hear about the campuses as well as find out about employment opportunities arising at the campus for local people. These two events were attended by 367 Sydenham residents and has hugely contributed to 22% of HOST's workforce being residents of the Sydenham neighbourhood.



# UK Economic Benefit and Supply Chain

Hinkley Point C represents a £19.6 billion inward investment in the UK's energy infrastructure and it is important that UK businesses of all sizes can benefit from the once in a generation opportunity.

There has been a strong commitment to help develop and support the UK supply chain in taking advantage of the substantial opportunity, with 64% of construction value to be placed with UK companies.

Our aim remains to ensure that UK companies of all sizes benefit from the contracts associated with the project. Whether as a direct Tier 1 supplier, as part of a joint venture or by forming a local consortium, we are ensuring that Hinkley Point C receives the best of British industry and maximises the opportunity for domestic employment and export earnings. These companies will be well placed to use their new experience to gain further nuclear and non-nuclear contracts in the UK and worldwide.

## Economic Benefits 2018 Update



**64%** of value of HPC contracts is with UK companies



**£981 million** spent directly with regional companies to date



**£1.55 billion** of contracts committed with regional companies

## Creating Additional Value

For every **£1 spent**, the Hinkley Point C Project is generating **£2.66** in regional value.



## Supporting the UK Supply Chain

During the construction of HPC, EDF Energy has committed to support UK suppliers to be ready for nuclear through effective project pipeline visibility.

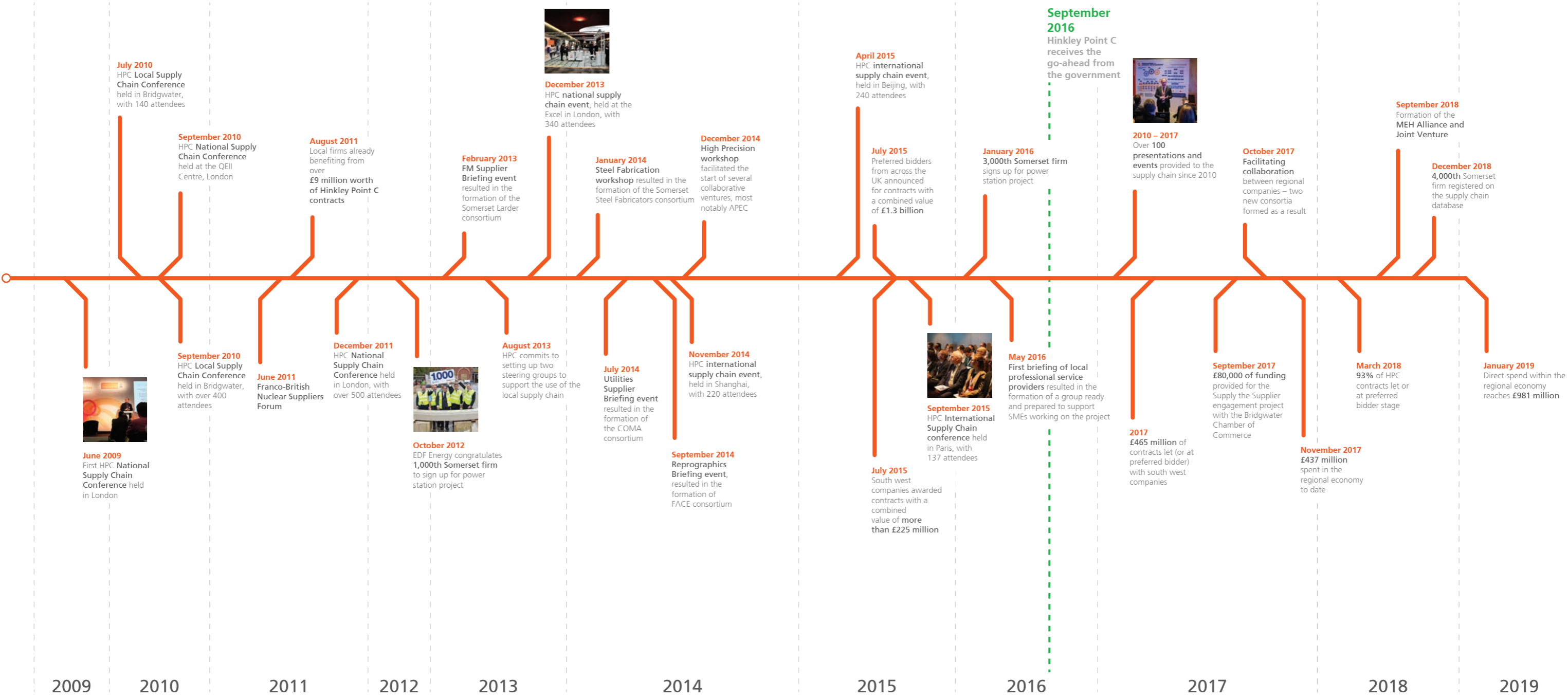
The last nuclear power station to be built in the UK was Sizewell B in Suffolk, which was commissioned in 1995. With nearly a quarter of a century having passed, significant gaps in experience, capability and capacity developed across the UK market which needed to be addressed. To get the UK market ready for new nuclear construction, significant investment into opportunity awareness, training and development was required.

To assist the supply chain, we have worked closely with organisations such as the local chambers of commerce, the Nuclear Advanced Manufacturing Research Centre (NAMRC) and the Nuclear Industry Association (NIA) to develop benchmarking tools to assist local and national suppliers to be 'Hinkley Ready' - prepared for playing their role in building Britain's first new nuclear power station in a generation.





The following **timeline** highlights just some of our supply chain activities from the past nine years



— Supply Chain

## A Catalyst for Regional Economic Growth

Engagement with the Somerset Chamber of Commerce started in 2009. The Chamber was contracted to support the development of a robust local supply chain with the support of EDF Energy's specialist commercial team.

The Chamber's primary goals are to assist local and regional businesses in winning contracts for the supply of goods and services, and to support the legacy of industrial inward investment arising from HPC. To this end, the Chamber has been at the hub of business engagement, developing a working partnership with key industry agencies and education providers.

Allowing Tier 1 suppliers insight into local capabilities was key. This was delivered early in the project - in 2011 - through the development of a 'shop window' in the form of a comprehensive local and regional supplier database ([www.hinkleysupplychain.co.uk](http://www.hinkleysupplychain.co.uk)). We also worked with the Chamber to put in place an extensive

programme of events and visits for potential suppliers, which allowed us to introduce the requirements of the project, build an understanding of their capabilities and capacity, and identify the areas where they would need support to compete for work at HPC.

The supplier database has allowed those registered to be put forward to Tier 1 contractors, which has resulted in numerous Sedgemoor businesses being recommended.

The Chamber now works collaboratively with SWMAS and Business West as the "Hinkley Supply Chain Team" and is delivering a service to Tier 1 procurement teams, as well as supporting local and regional business improvement. The team is based at the Somerset Energy Innovation Centre and gains some of its funding from LEP grants and the Welsh Government, which supplements the core funding provided by EDF Energy.



### Case Study: Vessco – Bridgend

Based in Bridgend, Vessco Engineering is a Tier 2 supplier that has won the contract to manufacture two large pressure vessels for Tier 1 contractor GE Power Systems, who is supplying the two turbine islands for Hinkley Point C power generation.

Due to their size, these pressure vessels are thought to be the largest that have been made in the area for many decades.

*"The contract means stability for four to five years as an absolute minimum. We also expect it to be the platform for our future growth in the nuclear industry and it*

*will help us to grow in other industries as well." He expects their customers in the oil and gas industry will notice their achievements and he feels it will place the company in a good position for many years to come.*

*The rewards for Vessco are potentially huge, running into many, many millions of pounds. We will double or treble in size as a result of our work in the nuclear business."*

Julian Vance-Daniel, Managing Director, Vessco Engineering LTD



### Case Study: Osprey – Portishead

In the early stages of the project, extensive pre-planning work was undertaken to ensure safe and effective logistical arrangements for the construction site. It is in this area that the experience and local knowledge of North Somerset-based Osprey is being used to provide marine and heavy logistics support to the project.

In addition to safely delivering the tunnel boring machines, Osprey has handled thousands of tonnes of structural steelwork for the 500-metre-long jetty that has been built out into the Bristol Channel. This vital piece of site infrastructure will allow the majority of aggregate deliveries to arrive by sea.

The work requires highly specialised equipment, including heavy lift barges, heavy lift cranes and self propelled modular transporters. Behind the equipment are experienced project managers, engineers and skilled operators.

*"There's vast expertise in Somerset and we've drawn on our local partnerships to strengthen our offering. Our relationship with Bristol Port and others locally span decades, stable relationships release value to the project for obvious reasons. The rest of the world is watching progress at HPC. It's hugely exciting to be part of that. We've had opportunity to show what we do best and I'd encourage other businesses to get involved and do the same."*

**John O'Connor**, Commercial Director, Osprey



### Case Study: Viridor – Taunton

Taunton-based Viridor, will be playing a crucial role in maximising the environmental credentials of Hinkley Point C after securing the total waste management contract. The locally based company will be working with EDF Energy and using its expertise to deliver a zero to landfill agreement.

It will see food waste transferred to Viridor's anaerobic digestion facility at Walpole in Somerset; mixed dry recycling sorted through the Priorswood Materials Recycling Facility in Taunton; and non-recyclable waste sent to energy recovery facilities, including the

Avonmouth Resource Recovery Centre, once this is operational next year.

*"Viridor, with its headquarters in the south west and national network of 300+ advanced recycling, energy recovery and landfill diversion facilities, is able to offer a total waste management package directed by UK-wide experience in a regionally focused manner."*

Louise Skinner, Hinkley Point C Contract Manager, Viridor



*“Everyone working on the project should be proud of what they have achieved so far. Unions, contractors and suppliers are successfully working together with a complete focus on quality and safety. Innovation and experience from other projects is helping us boost productivity and get ready for the next stages. I am also proud of the positive impact that Hinkley Point C is having on the south west. We are determined to create a positive legacy here for people, businesses, communities, jobs and skills.”*

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

## Supporting Local Business – the Hinkley Supply Chain Team

Instead of just approaching national companies to take on some of the project’s most important contracts, the dedicated supply chain engagement team has worked to support local companies to join forces to compete and win the work.

In doing so, there is now a decade-long commitment to these local businesses, allowing them to take advantage of future opportunities in the nuclear industry.

To date, the project has ensured that 64% of the value of HPC contracts are with UK-based business. Locally, our work has led to a total regional commitment so far of £1.55 billion - a clear indication of the substantial value that HPC is providing to the local economy.

Making this happen is the job of the Hinkley Supply Chain Team. It is a collaboration between EDF Energy, Somerset Chamber of Commerce, SWMAS and Business West. EDF Energy introduce the key contractor relationships necessary to identify relevant supply chain demand, Somerset Chamber provides supply chain

capability intelligence and SWMAS brings nuclear procurement, supply chain development expertise.

The Hinkley Supply Chain Team is continuing to grow the value of south west supplier content in the construction of Hinkley Point C by offering a supplier matching service for EDF Energy and HPC contractors and by delivering tailored support and advice to suppliers through its new Hinkley Supply Chain Programme.

Over 4,100 south west businesses have now signed up to the Hinkley Supply Chain portal - designed to be the single point of contact for both regional businesses seeking contract opportunities and main contractors seeking capable suppliers.

Although most of the Tier 1 contracts have been decided, the opportunities throughout the wider supply chain are huge. Many contracts will be awarded throughout the remaining eight-year construction period, and also during the following 60 years of operation and eventual decommissioning.



In 2018, the Hinkley Supply Chain Team introduced **1,500 regional companies** to opportunities across the project.



## Case Study: Somerset Infrastructure Alliance

The Somerset Infrastructure Alliance (SIA) is a strategic partnership of complementary businesses; a collaborative model which has since been replicated by other consortia.

Formed of three companies including Skanska Infrastructure Services, R.K. Bell Ltd and Forrest Traffic Management Ltd, SIA is today delivering the vital infrastructure projects, such as the park and ride in Cannington and road improvements in Bridgwater. SIA also uses several local sub-contractors to provide specialist services, such as grounds maintenance, road sweeping and white lining.

RK Bell, one of the founding members of SIA, is a Bridgwater-based construction firm that has served public and private sector clients in the south west for over 80 years.

*"We went to the very first meetings, eight or nine years ago," says Nick Bell, Managing Director of the business his grandfather started back in 1941. "We were appointed to the first steering groups set up to look at how local firms could benefit from the project, so we've been very involved right from the start."*

He adds *"Apart from winning contracts, which has been a massive boost to our company, the knowledge we have acquired both through working alongside Tier 1 contractors and also through improvements to our own internal processes to comply with the site's regulations, has been nothing short of priceless."*

*"To be able to work equally, side by side, with a Tier 1 contractor like Skanska is a huge boost to us," continues Nick. "It shows the level of expertise we have within RK Bell, and that we are improving all the time."*

*"Another significant development is that the length of contracts we have won with HPC have given us the confidence to invest more in young people and to start our very first apprenticeship scheme to create the next generation of highly skilled and motivated construction workers."*

**Nick Bell**, Managing Director, RK Bell Engineering



## Case Study: HOST Ltd

HOST, a Somerset-based consortium of four companies, was awarded the Term Service Contract to manage the worker accommodation campuses for the Hinkley Point C project; a contract valued at approximately £50 million.

With more than 60 years of international and domestic hotel and leisure experience, HOST was created to bring together the most qualified local key partners with specific skills to deliver the ideal accommodation for on-site contractors, professionally serviced by local companies.

The joint venture will run the Hinkley Point C campuses, including the recently opened 950-bed Sedgemoor Campus in Bridgwater, which also comprises catering, leisure and retail facilities.

HOST employs a workforce of around 340 staff with the vast majority coming from the local area surrounding the campus itself.

*"The opportunities available from our contract continue to flow through the local supply chain as we ourselves start to award contracts to local businesses to ensure resilient supply chain supply and service delivery, and helps them invest in a better future for Somerset."*

**Kevin McCarthy**, HOST Chairman





## Case Study: A New Opportunity: the Hinkley Supply Chain Programme

In order to ensure that local companies understand the expectations around supplying a nuclear new build, the Hinkley Supply Chain team has launched the new Hinkley Supply Chain Programme.

The innovative programme offers eligible SME's based in Bristol, Somerset, Bath & North East Somerset, Devon

or South Wales targeted business support to maximise their chances of joining the HPC supply chain.

The Heart of the south west and west of England Local Enterprise Partnerships (LEPs) and the Welsh Government have allocated funds to deliver the programme which provides diagnostics, advice,

workshops and tailored support on how to access the project - linked to specific opportunities.

*"Whatever stage you are at on your journey towards potentially supplying the project, the Hinkley Supply Chain Programme offers a variety of half day workshops covering key subjects such as; Effective*

*Collaboration, Routes to Market, Risk Factors in Pricing for Nuclear and many more. If you would like to understand more about the opportunities for your company please visit [www.hinkleysupplychain.co.uk](http://www.hinkleysupplychain.co.uk)."*

Jamie Driver, Senior Supply Chain Engagement Manager, Hinkley Point C



*"The work on site is accelerating, creating more and more opportunities for south west businesses to bid for and win valuable contracts. What's especially pleasing is that, far from the list of companies registered all being construction and engineering companies, we are seeing a broad range of sectors represented, including design agencies, catering companies, professional services firms and office fit-out businesses."*

**Sam Evans**, Head of Hinkley Supply Chain Engagement, Somerset Chamber of Commerce

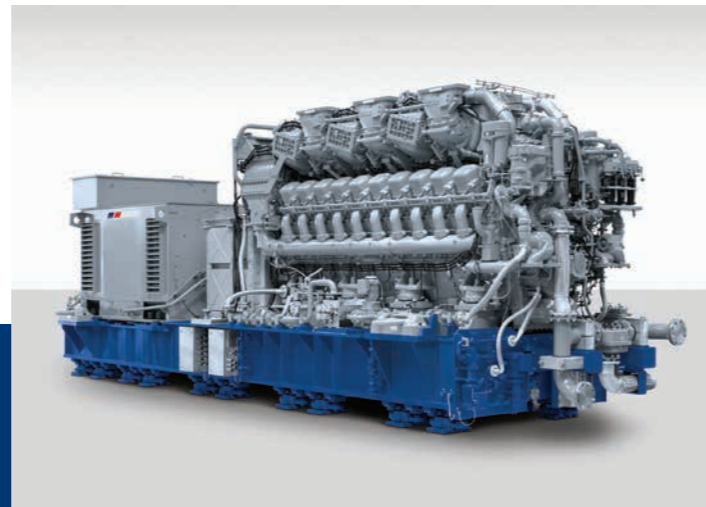
## Supporting the UK's Industrial Strategy

Hinkley Point C presents a real opportunity to our UK suppliers and the engineering, manufacturing and construction skills base.

At present, 64% of the value of HPC is committed to UK-based companies and we have been encouraged by the quality and collaboration that we've seen from the UK supply chain that has allowed this to become a

reality.

We have held, or supported, a series of supplier events since 2009. The focus of these events has been to communicate not only the opportunities that HPC can – and is - bringing, but also the standards and entry requirements of becoming a supplier to a nuclear construction project.



## Case Study: Rolls-Royce

Rolls-Royce is delivering four generator sets; all instrumentation and controls; and full systems integration. The British engineering firm is also providing Hinkley Point C with heat exchangers and associated systems.

The generator systems provide some 3,600 kW of power output each and will guarantee power to critical station systems in the event of any unplanned outage of the site's standing power supply.

Each generator set includes all the auxiliary systems, tanks, coolers, exhaust and air intake systems, pumps, pipework, valves, starting systems, lubricating and fuel oil systems, as well as the electrical power generator and all the instrumentation and control systems.

*"The unique capability of Rolls-Royce to supply, control and integrate these systems brings great value to our customers and shows the breadth of expertise we have at our disposal. Coupled with the provision of heat exchanger systems to Hinkley Point C, we're proud to be an integral part of this incredible project and the potential it offers for UK low carbon energy."*

Rob Fletcher, President, Rolls-Royce Civil Nuclear

*"Rolls-Royce is supplying an essential part of the multiple safety systems incorporated into the Hinkley Point C design and they will play a critical role in helping the power station provide safe and reliable low carbon electricity for decades to come."*

Jean-Pierre West, Hinkley Point C Supply Chain Director



## Case Study: Ovivo

Essex firm, Ovivo UK Limited, was awarded a £27m contract to supply the largest cooling water intake screening system in the world for Hinkley Point C.

Ovivo UK Limited will design and supply a complete cooling water intake screening system, processing more than 191 cubic meters per second of water that will be used for cooling both the electricity generating steam-cycle and the EPR technology used at HPC.

*"We are very happy to have been selected by EDF Energy as their sole supplier for the seawater filtration system,"* said Marc Barbeau, President and Chief Executive Officer of Ovivo Inc. *"We have a long association with the United Kingdom's nuclear power plant industry and we are proud to be given this opportunity to contribute in the building of the next generation of nuclear plants in the country,"*





## Case Study: Express Reinforcements

Hinkley Point C is a big opportunity for UK steel, as well as for UK construction and manufacturing more widely.

The project has a large and varied demand for steel, including 200,000 tonnes of reinforcement in the concrete structures, over 600,000 embedded plates, large quantities of structural steelwork for the construction of the turbine halls and other structures, steel containment liners to the two reactor buildings, stainless steel liners to fuel ponds and 1,000km of steel pipework.

It is our expectation that a large proportion of this steel will come from UK companies and that steel fabrication will largely take place in the UK.

Once such supplier is Welsh company, Express Reinforcements, who won a £100 million contract to supply 200,000 tonnes of reinforced steel for the construction of HPC; 25 times more steel than was used in London's Olympic stadium.

Andy Lodge, Managing Director of Express Reinforcement, said: "We are pleased to be the preferred supplier of reinforcing steel for this contract through BYLOR.

"It shows that our proven track record in delivering on these significant projects is highly valued, and local, responsibly-sourced steel to the highest quality standards is fundamental to all involved in this construction."



The first concrete pour of Hinkley Point C's common raft was completed in December 2018. It ensures the stability of all structures that will eventually rest upon it.



## Case Study: MEH Joint Venture

The MEH Joint Venture, formed in September 2018 between Altrad, Balfour Beatty Bailey, Cavendish Nuclear and Doosan Babcock, is an innovative new partnership between Hinkley Point C and all Tier 1 MEH (Mechanical, Electrical and HVAC) and support services contractors.

The collaborative nature of the joint venture will form a blueprint for the delivery of future, new nuclear plants across the industry.

The joint venture acts across Hinkley Point C, integrating and co-ordinating the collaborative delivery of all main mechanical and electrical, Heating Ventilation and Air-Conditioning and cabling works. It is also responsible for providing a Project Management Office role across the project, managing the scheduling and sequencing of all Mechanical and Electrical (M&E) activities on site, refining and harmonising the systems, processes, procedures, data and reporting to optimise works and enabling the

delivery of a consolidated and aligned package of M&E activities across Hinkley Point C.

Operating over 13 nuclear licensed sites in the UK with 20,000 directly employed nuclear experts and with over 65 years of experience, the Alliance brings a host of knowledge in delivering safe nuclear design, decommissioning, modification, maintenance and construction.

*"The MEH Joint Venture represents a new approach to a complex phase of construction. It puts the interests of the whole project above those of any individual contractor. Co-ordination and collaboration is good for contractors and pools skills and expertise across the contracting organisations, for everyone's benefit. HPC and particularly the MEH Joint Venture creates the launch pad for recruiting our new apprentices as part of our drive to increase our industrial capabilities in high value UK jobs".*

Graham Donaldson, Managing Director,  
MEH Joint Venture



*"Whether on a regional, national or international level, HPC is building a springboard for further nuclear projects in the UK, bringing significant new employment and strengthening the UK economy through billions of pounds of investment."*

**Jean-Pierre West**, Hinkley Point C Supply Chain Director



Companies from across the supply chain were recognised for their innovation, quality and safety performance in the annual HPC Excellence Awards.

## Supply Chain Innovation

Hinkley Point C's commercial and supply chain engagement teams have continued to work with Bath University on the Hinkley Point C Supply Chain Innovation Lab during 2018.

The research partnership was established in 2017 within Bath University's School of Management and has created a community of academics, managers and policy-makers with the aim of improving the management of supply chains within complex capital projects. It is an innovative platform for international thought-leadership to connect business leaders, policymakers and academics in the field of complex supply chains and megaprojects

Through conferences, academic papers and teaching materials the group is delivering impactful management and research insights, tools and advice. It is helping to better understand supply chain decision-making, which will inform future choices both for HPC and other megaprojects across the UK.

*"Our partnership with the University of Bath will enable other major infrastructure projects to learn from our approach to procurement for HPC where we have created a global supply chain whilst still supporting businesses local to the project."*

Jean-Pierre West, Hinkley Point C Supply Chain Director







# Community Investment

## Building More than a Power Station

The creation of sustainable socio-economic benefit and opportunity is central to Hinkley Point C's legacy.

The construction and operation of HPC will have a huge impetus to the regional economy and is already providing a significant boost for local employment and businesses, and we're committed to ensuring that as many local people as possible can take advantage of this opportunity throughout the build. Investment in

the regional and local supply chain has been matched by a big effort to develop the skills of the workforce.

A total of almost £4 billion will go into the regional economy over the lifetime of the project. This is composed of around £1.5 billion during construction and around £2.4 billion during operations in today's money. As explained in earlier chapters of this report, we remain well on target to deliver this commitment.

## Roads, Cycling and Infrastructure

We have invested £20 million into a series of improvements to local roads – to increase safety and ease congestion – and a new bypass around the village of Cannington.

This includes £5.5 million for walking and cycling improvements in and around the town of Bridgwater.

Once HPC construction is complete, the campus in Bridgwater will also be available for alternative use.



The accommodation fund has facilitated the construction of new affordable homes in the area and helped to create almost 2,000 additional bed spaces.

## Accommodation

The Accommodation Strategy was developed to identify and fund initiatives designed to deliver additional housing capacity. There are three components to this:



We estimate that around **one quarter to one third** of the workforce will be local people who are working on the project and thus live in their own homes. **Currently this figure sits at 50%.**



We have built two campuses, totalling 1,500 bed-spaces in all, to provide **high quality but affordable accommodation** for those workers who come from further afield.



We have transferred an accommodation fund totalling **£7.5 million** to the local authorities that they can use to increase capacity in the local accommodation market. Since 2015 various initiatives, such as a minor improvement grants scheme and one that brings empty properties back into use, have created nearly **2,000 additional bed-spaces.**



## Case Study: The Bridgwater Way

Phase two of The Bridgwater Way (TBW), run by Somerset County Council and funded by EDF Energy, is a multi-million-pound initiative focused on helping to keep Bridgwater moving as the town goes through a period of significant growth and investment.

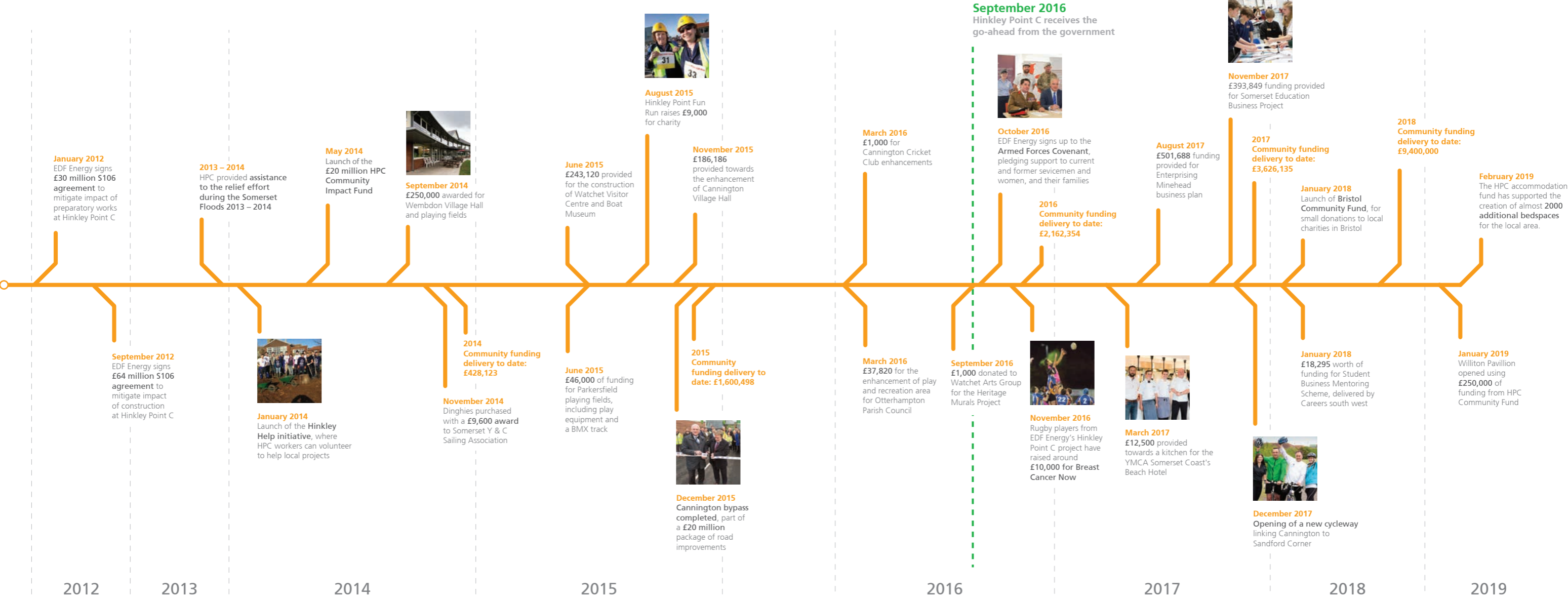
By providing information, advice and tools we are aiming to help people choose the best time to travel and routes to use or even think about the need to travel in the first place.

Over the past few years, through the TBW project, a number of road improvements have been made to help traffic flow around the town. TBW has invested in new walking and cycling routes and more are planned. You can now cycle into Bridgwater from Cannington and North Petherton and improvements are also planned for a route into Bridgwater from Puriton.

The Bridgwater Way is also working with schools and colleges, businesses, and the wider community to provide information, tools and support to help them choose when and how to travel – and make it safer, easier and fun too.



The following **timeline** highlights just some of our community investment activities from the past nine years



Community Investment



## Case Study: Miniature castle saved after 20-year battle

Dating back to 1844, Castle House in Bridgwater is one of the earliest surviving examples of the use of prefabricated concrete in construction.

For the first time in years, the elaborate concrete ornaments of this unique Grade II listed building are visible again.

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 restored, including the roofs, ceilings and concrete façade.

This was made possible thanks to major grants from Historic England and EDF Energy.

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.

*"This restoration 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."*

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



*"Our engagement with the Hinkley Tourism Action Partnership (HTAP) has provided us with funds to support our digital communications and invest in innovative products. We have seen our digital reach go from 2.5 million to 8.5 million in just three years. These are staggering figures that see Visit Somerset now leading the national field. This HTAP funding has been a vital part of that development and we wouldn't be in the situation we are in now if it had not been for those contributions"*

**John Turner**, Chief Executive Officer, Somerset Tourism Association

## Tourism

Since 2015, Visit Somerset, Visit Exmoor National Park, local authorities, the county council and the HPC project have worked closely with tourism providers as the Hinkley Tourism Action Partnership (HTAP).

HTAP has an agreed strategy for maximising the opportunities the HPC project offers for attracting tourists and has worked together on a comprehensive range of projects.

Initiatives have been funded through a £700,000 investment from Hinkley Point C. The greatest impact created thus far has been generated by a number of national advertising and social media campaigns that showcase what Somerset has to offer and visitor organisations report a 17% growth in on-line presence.

**GOLD RUSH**

WELCOME TO THE Wild West SOMERSET & EXMOOR

Let's run barefoot, build castles and make priceless memories on the Somerset and Exmoor coast.

The Hinkley Tourism Action Partnership has funded and developed new, nationally distributed advertisements to further support and develop the tourism industry across Somerset.

Hinkley Point B and C visitor guides at the on-site viewing gallery.



## Case Study: Investing in Minehead

Tourism is also supported through additional funds offered by the Hinkley Point C project.

For example, the Community Fund, totalling £20 million, has recently provided £500,000 to support the regeneration of tourism in Minehead. The investment is designed to leave a long-term sustainable legacy for the area, supporting the tourism industry well after the completion of the new power station.

The funding will be channelled into making the most of Minehead's traditional appeal as a seaside resort, but with a 21st-century twist. The aim is to give Minehead the buzz that is needed to bring new visitors in, while retaining the Edwardian charm that keeps holidaymakers returning year after year.

*"This is a golden opportunity for Minehead, providing the town with the opportunity to turn some long-held ambitions into reality,"* said Leader of West Somerset Council Cllr Anthony Trollope-Bellew.

The overall project to make Minehead the go-to seaside destination is likely to cost around £1 million. The successful Community Impact Mitigation Fund bid, coupled with £130,000 awarded by the Government under the Coastal Communities initiative, means that two-thirds of the funding is now in place.

The regeneration of the seafront will not only support tourism but also provide Minehead with a lasting legacy. There are plans to encourage more seafront tourist attractions and the restoration of six Edwardian shelters throughout the town.





The Hinkley Point nuclear complex has long been an active member of the local community and the HPC project continues that tradition with fundraising events. Since 2013, we have used a number of fun runs, family days, football and rugby matches to raise thousands of pounds for a number of local charities and worthy causes.

## Working in Partnership with Local Communities

Although used to having nuclear power stations in the area, the communities around Hinkley Point are also currently living next to one of the largest construction projects in the UK.

Working with them to make sure they enjoy the benefits whilst the impacts are managed is absolutely essential.

Since 2008, the project has sought to listen to our neighbours and our consultation has gone far beyond what is typically required of developers. We continue to work with our local communities and partners and aim to continue this high caliber of engagement through our future consultations for Sizewell C and Bradwell B.



## Case Study: Ryan Kelly – Community Safety Project Officer

Part of EDF Energy's commitment to reducing the impact of the HPC construction on the local area is to fund 17 posts within the various local authorities to help manage any issues that may arise.

One of these posts is that of a Community Safety Officer in the town of Bridgwater, which is seeing an increase in its population as a number of the non-home-based workforce are staying there, either in the purpose built 1,000-bed accommodation campus or in the private rented sector.

Community Safety Project Officer, Ryan Kelly, works closely with the emergency services, third sector organisations, local traders, schools and residents' groups as well as with members of the general public and the Hinkley Point C workforce itself, and has become the 'go-to' person in dealing with any concerns about crime or anti-social behaviour as well as signposting opportunities that the project presents to local people.

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



## Being a Good Neighbour

An important element of our commitment to the area is the provision of the £20 million Community Fund being delivered by both West Somerset Council and the Somerset Community Foundation.

Towards the end of 2018, applications for Hinkley Point C's Community Impact Mitigation (CIM) Fund pushed the total support received by local projects across Somerset to £9.4 million.

As part of the development of Hinkley Point C, EDF Energy has committed £20 million to community support funds to improve the social, economic and environmental wellbeing of communities that are affected by the development of the new nuclear power station. This is in addition to improvements to local infrastructure agreed and the investment made in local skills and employment, supporting the UK industrial strategy to build prosperous regional communities.

The projects that have received funding so far have been diverse. They range from two £250,000 grants to support both the construction of Wemdon's new village hall and Williton's new memorial ground and

pavilion, to the funding of a new community gym, young people's outreach workers, employment hubs and much more.

Also within the last £1.4 million approved directly from the CIM fund is substantial support for the Burnham Evolution Project (£350k), the Cheddar Community Pavilion (£320k), Citizens Advice Sedgemoor (£180k), public space enhancements in Bridgwater's Victoria Ward (£50k), a new community gym for North Petherton (£300k) and improvements to Watchet Bowling Club (£150k).

Somerset Community Foundation (SCF) will manage the remaining Hinkley Point C Community Funds, taking over this role from West Somerset Council.

We also believe in putting the skills of teams to use outside of the construction site itself. Through the Hinkley Help and Helping Hands volunteering schemes, HPC staff have provided assistance, expertise and equipment for many local projects, including installing drainage for the Stogursey football pitch and removing the asbestos from a church hall in Wemdon that had to be demolished.

*"It has been a pleasure to see so many community groups stepping up to access this funding. In total, 50 projects have received a grant from the HPC CIM Fund to deliver activities, services and facilities that will provide long term benefits for communities across Somerset. I look forward to seeing many more local projects funded through the HPC Community Fund."*

**Lisa Redston**, People Place and Prosperity Localities Manager, West Somerset Council



## Case Study: Wembdon Village Hall and Sports Pitches

The Wembdon Village Hall and Sport Pitches is a facility that has been built for both residents of Wembdon and the wider Bridgwater community to use.

The space provides substantial facilities for meetings and events as well as unrivalled sports facilities. It also includes parklands and walking areas for all to use.

The Community Fund was able to contribute an investment to complete this high-profile regeneration project.



## Case Study: Supporting Schools in Bristol

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.

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.

*"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."*

Mrs Nicky McMahon, Head Teacher of Avonmouth C of E Primary School





## Wider Long-term Benefits



The benefits of Hinkley Point C will last for many decades after construction ends. Most importantly, the power station's low carbon electricity will be a vital part of the fight against climate change.

Its reliable power will provide secure supply in an energy system with much higher levels of intermittent wind power. In a world with no coal and very little gas, having nuclear in the mix means decarbonisation is easier to achieve and more affordable.

Whilst most major projects seek to address challenges in local employment, apprenticeships and supply chain development, they are constrained by being 'one-off' projects. EDF Energy has worked with industry peers and with the Government to confirm the Nuclear Sector Deal in response to the Government's industrial strategy green paper.

This will increase the intellectual nuclear capital of the UK and the competitiveness of the UK supply chain through the development of skills and training. In turn, the investment already made at Hinkley Point C will benefit follow-on projects, including a near identical

power station proposed at Sizewell C in Suffolk and Bradwell B in Essex. Much of the investment in skills has been made and does not need to be repeated. This contributes to lower construction costs, so consumers also benefit.

Government is also committed to transforming infrastructure performance in the UK. However, National Audit Office findings show that 66% of 189 major UK projects were not clear in the benefits and outcomes they committed, or intended to achieve. With this, and our commitment to workforce sustainability in mind, we are committed to maximising

the positive social impact of our nuclear projects, creating a long-term skills legacy for each region. Using a single, integrated management structure will help our workforce interventions to map into Government Skills policy and the industrial strategy.

The benefits of our commitment can already be seen. Additional investment from Government and the Heart of the south west LEP has been leveraged in support of the National College for Nuclear. We're working hard to ensure our supply chain is well placed to take advantage of the many opportunities still to come.



# About Us

## EDF Group

EDF Group is an integrated electricity company, active in all areas of the business: generation, transmission, distribution, energy supply and trading and energy services. A global leader in low-carbon energies, the Group has developed a diversified generation mix based on nuclear power, hydropower, new renewable energies and thermal energy. The Group is involved in supplying energy and services to approximately 35 million customers.

## EDF Energy

EDF Energy is a wholly owned subsidiary of EDF Group in the UK. We benefit from the financial strength of a large global, as well as combined procurement capabilities, international expertise and access to significant R&D resources. Ultimately, these all add to our reputation for stability and reliability.

EDF Energy is the UK's largest producer of low-carbon electricity, and is a major investor in renewable technologies, including wind, solar, electric vehicles and batteries. We support the expansion of wind power in the UK, as well as believing that nuclear will remain an essential component of the future low carbon electricity system. The company supplies gas and electricity to more than six million business and residential customer accounts, and is the biggest supplier of electricity by volume in Great Britain.

The Better Plan is our strategy for being a sustainable and responsible energy business and underpins our work across the south west to deliver better energy, a better experience and better lives. It is our strategic plan for delivering wider socio-economic benefit to the region, supporting local people and business to access and take advantage of the substantial opportunities available from the Hinkley Point C project.

The plan will help us to drive future innovation in our mission to be a catalyst for long-term and sustainable outcomes whilst achieving profitable business growth, cost savings and management of the risks of doing business in an increasingly volatile world. Importantly, it will ensure that we do all these things in a sustainable and a responsible way.

## CGN

CGN is a leading global clean energy company, the biggest nuclear enterprise in China and the largest developer of new nuclear power in the world.

The company has more than 30 years' experience of safely and effectively developing, constructing and operating nuclear plants. It has 22 units in operation in China, with a total installed generating capacity of 24.3GW, and a further 6 units (7.43GW) under construction. CGN is also a major investor in renewable energy, and has 30GW of installed capacity in 15 countries around the world.

In the UK, the company is investing alongside EDF in Hinkley Point C, Sizewell C and Bradwell B, as well as in the project to secure regulatory approval for its UK HPR1000 reactor design. CGN also has 340MW of wind power in operation or under construction in England, Wales, Northern Ireland and Ireland.







[edfenergy.com](http://edfenergy.com)

NNB Generation Company (HPC) Limited, 90 Whitfield Street, London, W1T 4EZ

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