



# Copeland's Nuclear Road Map: An Update



**Hello, and welcome to the fifth edition of the Copeland Nuclear Update.**

As you'll read about in these upcoming pages, we are seeing massive steps forward for the nuclear industry. In April, I welcomed the release of the Government's Energy Security Strategy which you can read about on page 5, and was pleased to see the Prime Minister meeting with nuclear industry leaders including Rolls Royce to discuss how to improve domestic energy security and rapidly accelerate nuclear projects in the UK.

He made clear the vision for nuclear to be a major part of the UK's future energy system as a clean, reliable and safe energy source whilst setting out the government's commitment to supporting the industry to develop a thriving pipeline of future nuclear projects in the UK. After their meeting with the Prime Minister, I met with Rolls-Royce SMR CEO Tom Samson to discuss the plan to bring them to Copeland.

I'm following up with the Department for Business, Energy and Industrial Strategy (BEIS), Nuclear Decommissioning Authority, Sellafield Ltd, Electricity North West, National Grid, our local councils and of course, most importantly, the local workforce and community. It was a personal promise I made to Copeland to secure new nuclear, and I remain hellbent on doing it.

It's not easy, but now more than ever new nuclear is absolutely critical for UK energy security supply, achieving net zero, for our next generation of apprentices and workers and for our local economy.

Sellafield Ltd are more than capable of operating a power station, with the support of our supply chain - and have a need for the power. I'm also speaking with hydrogen producers to close the sustainability circle, especially important for transport.

Next step is to form a crack team to make it happen in Copeland, on NDA land adjacent to Sellafield. If you're able and willing to be part of the team making this happen, please sign up to my nuclear newsletter by emailing [trudy.harrison.mp@parliament.uk](mailto:trudy.harrison.mp@parliament.uk).

Having worked closely alongside the Prime Minister, talking most days about the value of civil nuclear, I know he will be the PM to lead us towards UK energy security.

**#NetZeroNeedsNuclear** and Copeland needs this investment and, yes, we also want to produce our coking coal for the steel industry too; 180,000 tonnes of steel goes into a Rolls-Royce SMR.

There is nowhere in Europe more experienced, more prepared, more shovel-ready for this necessary revolution than us in Copeland. Please help me to make sure we do not miss out on this opportunity again.

# Trudy attends launch of Copeland's robotics facility

**A new facility in Whitehaven is the first network of robotics and artificial intelligence collaboration hubs across the UK.**

Sitting on a headland above Whitehaven harbour, the first of a network of robotics and artificial intelligence hubs across the UK opened its doors to stakeholders recently. The facility, known as RAICo1, will ultimately be used by Sellafield Ltd, supply chain partners and academia to develop the technology needed to decommission Sellafield and other sites like it.



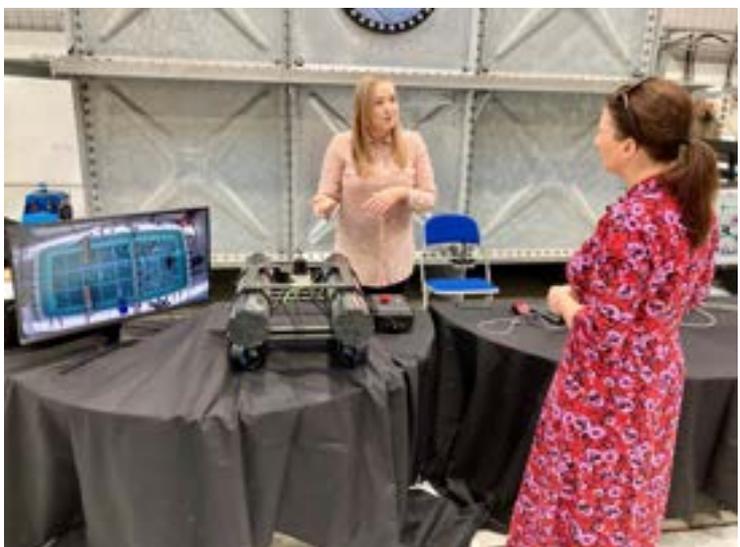
Trudy said: "I had the pleasure of visiting RAICo1 in Whitehaven for a preview of the outstanding new facility. It was fascinating to see demonstrations of the robotics and artificial intelligence capability that will soon be deployed here to be able to work in hazardous environments and address significant decommissioning challenges.



The facility is a fantastic example of collaborative working, between Sellafield Ltd, Nuclear Decommissioning Authority, UK Atomic Energy Authority, National Nuclear Laboratory and the University of Manchester, and the robotics and artificial intelligence developed will be used at nuclear facilities not only in this country, but has the potential to be rolled out across the world."

For a video of my visit to RAICo1, click [here](#).

Sellafield Ltd also welcomed to RAICo1 a delegation from TEPCO - the company in charge of decommissioning the Fukushima-Daiichi nuclear site in Japan. For further information on this visit, click [here](#).



# Trudy welcomes Rolls Royce SMR progress



**Trudy has welcomed the announcement that Rolls Royce SMR has entered the regulatory assessment process.**

Trudy has campaigned for five years for the introduction of small modular reactors (SMRs) – and to have them located in Copeland.

The announcement that Rolls Royce SMR's nuclear power plant design is entering the Generic Design Assessment (GDA) process with its regulators is a significant step forward.

Trudy said: "I am thrilled at the news that Rolls Royce SMR are taking the next step with entering the Generic Design Assessment.

"I have been a champion of this technology since my election to Parliament so it's great to see progress. Technologies like SMRs could provide the future nuclear pipeline in Copeland.

"It is more important than ever that we build new nuclear, large and small, to reach net zero and so we aren't reliant on foreign countries for energy."

It was announced in November 2021 that Rolls Royce SMR will invest £195 million of private funding in the project to develop SMRs, with a further £210 million pledged from the Government.

This is the most significant step so far in securing consent for the Small Modular Reactor (SMR) design to operate in the UK and follows successful completion of the Department for Business Energy and Industrial Strategy's initial screening process.

Rolls-Royce SMR CEO, Tom Samson, said: "Entering the GDA assessment process is another major milestone as we head at pace towards our goal of deploying a fleet of SMRs which will produce affordable, low carbon electricity – helping meet future energy demands and reach our net zero targets.

"The UK regulatory process is internationally recognised and respected. We welcome the scrutiny and challenge that goes into the assessment of our nuclear power plant design."

The 470MW SMR draws upon well-established Pressurised Water Reactor (PWR) technology in use all over the world, but Rolls-Royce SMR's unique approach will see the reactor components built in factory conditions and assembled on site.



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# PM meets with nuclear industry leaders



**Prime Minister Boris Johnson hosted a roundtable at Downing Street with leaders from the nuclear industry including Rolls Royce to discuss how to improve domestic energy security and rapidly accelerate nuclear projects in the UK.**

The Prime Minister made clear the vision for nuclear to be a major part of the UK's future energy system as a clean, reliable and safe energy source. He set out this government's commitment to supporting the industry to develop a thriving pipeline of future nuclear projects in the UK in a cost-effective way.

Industry representatives set out the various technologies and projects they are developing, from larger nuclear power plants to small modular reactors, capitalising on both British and international expertise.

The Prime Minister invited views on how the UK can accelerate rapid progress on securing new nuclear capacity.

They discussed the benefits of scaling up investment and removing barriers facing development, agreeing to work together to help projects become operational more quickly and cheaply.

The Prime Minister and attendees also reflected on the need to build strong skills and supply chains to support the UK nuclear industry.

The roundtable came ahead of the publication of the Government's energy security strategy, with renewable energy, nuclear and domestic gas all a crucial part of achieving its aims.

After the roundtable, the Prime Minister met with apprentices from EDF Energy and saw a model of Rolls Royce's Small Modular Reactor design.

Business Secretary Kwasi Kwarteng, Chancellor of the Duchy of Lancaster Steve Barclay and Exchequer Secretary to the Treasury Helen Whatley also attended the roundtable.

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# Energy Strategy hailed by Trudy

The logo for the Energy Security Strategy, featuring the text "Energy Security Strategy" in white on a dark blue background. The text is underlined with a thin red line.

## Energy Security Strategy

**Trudy has hailed the Government's new energy strategy as a "massive step forward for the nuclear industry".**

The Government published its British Energy Security Strategy, which signifies a significant acceleration of nuclear, with an ambition of up to 24GW by 2050 to come from this safe, clean and reliable source of energy.

Subject to technology readiness from industry, small modular reactors (SMRs) will form a key part of the nuclear project pipeline, the Government adds.

Trudy said: "The new British Energy Security Strategy is a massive step forward for the nuclear industry. It will target more nuclear energy, as well as renewables, in a quest to produce low carbon power for 95% of all our energy needs by 2030.

"I am particularly encouraged by the role for nuclear. A new nuclear delivery body will supercharge delivery and a commitment for up to eight new nuclear reactors by 2030 provides a great opportunity for new nuclear deployment here in Cumbria."

A new government body, Great British Nuclear, will be set up immediately to bring forward new projects, backed by substantial funding, and the Government will launch the £120 million Future Nuclear Enabling Fund this month.

Trudy has campaigned for five years for the introduction of SMRs, and to have them located in Copeland.

It was announced in November 2021 that Rolls Royce SMR will invest £195 million of private funding into the project to develop SMRs, with a further £210 million pledged from the Government.

Last month, Rolls Royce SMR's power plant design entered the Generic Design Assessment (GDA) process with its regulators.

The British Energy Security Strategy also sets out how Great Britain will accelerate the deployment of wind, solar and hydrogen, whilst supporting the production of domestic oil and gas in the nearer term – which could see 95% of electricity by 2030 being low carbon.

The Prime Minister, Boris Johnson, said: "We're setting out bold plans to scale up and accelerate affordable, clean and secure energy made in Britain, for Britain – from new nuclear to offshore wind – in the decade ahead.

"This will reduce our dependence on power sources exposed to volatile international prices we cannot control, so we can enjoy greater energy self-sufficiency with cheaper bills."

The strategy follows a series of engagement by the Prime Minister and ministers across government with key industry leaders, including from the oil and gas, wind and nuclear sectors. The government continue to work with industry in the coming weeks to drive forward these commitments as fast as industry can deliver.

For the full announcement from the Government, please click [here](#).

# Regional leaders step up support for world-first nuclear fusion facility



**Plans to locate a first-of-kind nuclear commercial fusion power plant at Moorside in West Cumbria have been given a boost, with leaders meeting in Westminster to show their support for the project.**

This week, Trudy hosted a reception at the House of Commons to highlight the region's compelling bid to host the Spherical Tokamak for Energy Production (STEP) facility, now one of the final five sites in the competition run by the UK Atomic Energy Authority (UKAEA).

Attendees heard how the region's nuclear heritage and track-record of delivering innovative new technologies meant that the North West's bid should be in poll position – with the supply chains, skills, researchers and workforce already in place to write the UK's next energy generation chapter.

Trudy said: "Locating this this first of a kind fusion pilot at Moorside would be a game-changer for both West Cumbria and the wider North West. It would make our region a magnet for the best scientists and energy leaders from Britain and around the world. Once again, it will be Cumbria innovating on a global stage, building on the expertise, pioneering spirit and collaboration that has evolved here over decades. "I'm strongly backing the bid for Moorside and the important role that it can play in the future energy mix.

"Cumbria is already a net exporter of electricity to the rest of the UK and this would really take this to the next level."

Energy from fusion technology is a major clean power source currently being developed, without the waste management associated with fission. As such, Moorside could provide a blank canvas to progress the new technology at pace, but draw on the expertise and infrastructure of the wider nuclear landscape.

Lord Inglewood, Chair of the Cumbria Local Enterprise Partnership (LEP), said: "Cumbria has a long history of delivering first of a kind nuclear energy facilities that stand us in good stead to drive further innovation. Moorside is the right choice. We were first for fission, and once again we can be first for fusion.

"Whilst plans for major new fission power stations currently focus on sites in the south of England, we have an opportunity to be at the forefront of innovation by becoming home to the first fusion facility. It will form part of a coordinated investment strategy in a wider portfolio of clean energy projects across Cumbria and the North West, including offshore wind, solar and hydrogen.

"It is promising to see really strong support from colleagues across the whole of North West, the South of Scotland and beyond for the bid that we've put forward and we'll keep on making the case until the Government's decision later this year."

The Moorside technical bid, jointly led by the Cumbria LEP and Copeland Borough Council, makes the case for the site being at the heart of the UK; already proven as suitable for clean energy development; and surrounded by an established and thriving nuclear industry with skills, expertise and a track-record of delivering innovation.

# STEP Moorside: First for fission, First for fusion



## *Lord Inglewood discusses why a new era of investment could see Copeland take centre stage.*

**Cumbria LEP and Copeland Borough Council have submitted a bid for the Moorside site to be the location for a nuclear fusion facility. What is the latest position?**

This is an exciting opportunity for Copeland, West Cumbria and the wider North West. The UK Atomic Energy Authority (UKAEA) is running the competition to decide where to locate the first-of-a-kind commercial Spherical Tokamak for Energy Production (STEP) facility.

The assessment process is now in its final stage, with Moorside one of the final five sites being considered.

## **Why do you think West Cumbria is a compelling location in the competition?**

We have a long history of delivering first of a kind energy generation facilities that stand us in good stead to drive further innovation. Moorside is the right choice. We were first for nuclear fission, and equally we can be first for fusion.

As part of the competition, we've focused on the many factors that set Moorside apart from other sites. The existing skillsets; mature and responsive supply chains; our Heart of the UK location; and the suitability of the site for nuclear development, which are all aspects that make Moorside a compelling choice.

Over and above the technical arguments, Moorside is also the best strategic choice. With national focus on levelling up, this would be a catalytic investment in the North West and secure long-term growth of the clean energy sector in Cumbria.



## **Why is this a key opportunity for both West Cumbria and the North West?**

Ultimately, fusion will be a globally important technology. It has the potential to create clean, green, safe and abundant energy and help address the UK's net zero commitment. Hosting the facility in West Cumbria and the North West will be a major coup for the region, solidifying our reputation as the place for energy innovation.

It'll have a significant positive impact on our businesses and communities. Choosing Moorside will build a long-term future built on the region's rich nuclear heritage, not only creating new skilled jobs and quality long-term employment for families in Cumbria, but long-term supply chain opportunities.

It will also unlock sustained inward investment in the area and act as a magnet for academics, with the region's researchers already focusing on fusion opportunities.



### **How does this build on the current nuclear industry in the area?**

It's the natural next step. The region is already well established as a centre of excellence, with 31% of the UK's nuclear workforce in Cumbria, 24,000 people employed in the sector and supply chain. The figure increases to 40% when you consider the wider North West.

STEP Moorside would provide a solid platform for the future, applying existing expertise to the challenges of fusion.

It's also worth saying that, whilst fusion is a monumental opportunity, it's by no means the only show in town. Small Modular Reactors (SMRs) could also play an important role alongside large nuclear as a low-carbon energy source, with sites in Cumbria capable of hosting these, including Moorside.

### **How does it fit with what's being done to increase energy security in the UK?**

It's a perfect fit. The Government recently launched its Energy Security Strategy which, alongside other energy sources, focuses heavily on nuclear power and its contribution to our future energy supply.

With our nuclear heritage and track record, Cumbria must play a part in Britain's next nuclear chapter.

Whilst plans for major new fission power stations currently focus on sites in the south of England we have an opportunity to be at the forefront of nuclear innovation and become home to the first fusion facility.

It'll form part of a coordinated investment strategy in a wider portfolio of clean energy projects across Cumbria and the North West, including offshore wind, solar and hydrogen.

### **What happens next?**

We've made several technical submissions to the UKAEA and have been addressing questions from the team leading the competition, alongside site visits. We are all hoping for a positive outcome for Cumbria.

We'd like to thank Trudy Harrison MP and the many individuals and organisations, who continue to support the bid.

We expect UKAEA to make a recommendation on the preferred site this spring, with a decision from Government expected by the end of the year.



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# Supercharging nuclear: closing the policy gap



## *Five steps to make nuclear happen, ensure energy security and hit net zero*

**As Britain looks for ways to strengthen its energy security and wean itself off imported gas, the Nuclear All Party Parliamentary Group has outlined five steps for the Government to kickstart the UK's nuclear revival.**

The Prime Minister, this week, outlined his intention to make a 'series of big new bets on nuclear', highlighting the need for baseload energy - power that can be relied upon when the sun isn't shining, or the wind isn't blowing.

Nuclear is clean, reliable and sovereign, and the APPG fully supports the Government's intention of including announcements on Small Modular Reactors and large power stations in its upcoming Energy Strategy.

**BE AMBITIOUS:** define a target in the Government's Nuclear Roadmap for Deployment of 15GW by 2035, and at least 30GW by 2050. This would show the UK is serious and committed to fleet deployments of large, small and advanced reactors.

**GET THE FINANCING RIGHT:** by Easter, classify nuclear as green in the UK sustainable investment taxonomy and make nuclear eligible under the Green Financing Framework.

**ACCELERATE PROJECT TIMELINES:** get Sizewell C to Final Investment Decision within 12 months, allocate pre-development funding to the Bechtel/Westinghouse joint venture for Wylfa today, order 10 SMRs in this Parliament, and advance other large and small scale projects.

**GIVE DEVELOPERS ACCESS TO LAND:** give the Nuclear Decommissioning Authority a mandate to lease unused nuclear sites to prospective developers, and make it clear that private owners of potential sites must make land available for nuclear development.

**SUPPORT PROJECT DEVELOPMENT:** streamline the Development Consent Order process and enable developers to carry out multiple planning, consenting and licencing requirements concurrently, saving time without compromising on standards.

Give all relevant regulatory bodies a net zero obligation. Assign additional money to the Future Nuclear Enabling Fund and publish details on bidding criteria and process.



All-Party Parliamentary Group  
on Nuclear Energy

# Mid Copeland GDF Community Partnership on hand to answer communities questions



**Mid Copeland GDF Community Partnership is holding a series of events to talk about what a Geological Disposal Facility could mean - with experts answering questions on the subjects which matter most to local people.**

Following feedback from three weeks of drop-ins held in March, these larger scale events will focus on the areas people said they would like to hear more about – including geology, the GDF siting process and Community Investment Funding.

Gillian Johnston, Community Engagement Manager for the Community Partnership, said: “We had really good discussions with people during those three weeks which included many different subject areas. People asked us questions, brought some concerns and also spoke about the opportunities.

“We also asked people what particular areas they wanted to hear more about - to continue those discussions. Among those was the suitability of the local geology, what would happen during the siting process and the £1million Community Investment Funding.

“At these upcoming events we will have people who can answer further questions and have some more in-depth discussions, so please come along.”

## The events are as follows:

- Wednesday, May 18: Beckermeth Reading Rooms, 12-5pm
- Thursday, May 19: Seascale Golf Club, 12-7pm
- Friday, May 20: Gosforth Public Hall, 12-6pm
- Saturday, May 21: Thornhill Social Club, 10am-3pm

A GDF is an underground facility designed to safely and securely dispose of higher activity radioactive waste. Community Partnerships are long-term groups made up of local people, the GDF developer and local authorities to consider the possibilities of hosting a GDF within an identified Search Area.

Deep geology beyond the coast is being considered for siting the underground elements of a GDF. This means a surface facility on, or near, the coast would provide access to a disposal area deep in rock beyond the coast.

If a suitable site is found in Copeland – a process which could take 10-15 years – a decision to develop a GDF in Mid Copeland could not be taken until the community in the electoral wards directly affected has had a say and taken a positive Test of Public Support.

The GDF programme requires both a suitable site and a willing community.

The Community Engagement Team will be at the Cumbrian Traders’ Market in St Nicholas’ Gardens, Whitehaven, on May 27.

For further information on the events, geological disposal and the Mid Copeland GDF Community Partnership please click [here](#).

# Community projects awarded grant funding from the Mid Copeland GDF Community Partnership



**Community projects have been awarded grant funding from the Mid Copeland GDF Community Partnership as the area takes part in the search for a suitable site to build a Geological Disposal Facility (GDF).**

Formation of the Partnership has given access to £1million Community Investment Funding per year from the GDF programme as discussions progress around what a facility could mean locally.

The Search Area includes the electoral wards of Gosforth & Seascale and Beckermets.

**Three projects to benefit from the first round of funding are:**

- £47,801 for a revamp of the BMX Pump Track at Seascale
- £9,576 to the Beckermets Reading and Recreation Rooms to develop refurbishment plans
- £8,122 for an electronic scoreboard for Seascale Cricket Club

Seascale Parish Councillor Lizzie Mawson, who applied for funding for a revamp of the village BMX Pump Track, in Seascale, said: "It's absolutely wonderful to have the funding for this local facility – the children and young people come from far and wide to use it. This grant will enable us to do much needed work that we have been trying to do before the track falls into disrepair.

"This will mean we can resurface the track, provide fencing, pedestrianise the area, improve the seating and provide litter bins. It's brilliant news for the community."



# Advanced Fuel Cycle Programme highlighted at showcase event



**NNL held an event to showcase its Advanced Fuel Cycle Programme (AFCP), which represents the biggest investment in future nuclear fission fuel cycle research in a generation.**

A lot of this work is carried out at NNL's Central Laboratory in West Cumbria – a £250 million state-of-the-art nuclear research facility. NNL is leading on this vital work as part of the BEIS Energy Innovation Programme, to build the UK's sovereign capabilities in the manufacture and recycling of fuels for the next wave of nuclear technologies.

Through its uniquely collaborative model, AFCP unites the expertise, facilities and knowledge of over 100 organisations not just domestically, but also worldwide.

Held on March 31 at the Preston Marriott Hotel, NNL hosted world-leading researchers, business, supply chain and government officials to celebrate the success of AFCP, delivered through a collaboration with BEIS highlighting the role that nuclear can play in reaching net zero by 2050.

In total, 220 delegates were in attendance, with speakers from NNL, the International Atomic Energy Agency (IAEA), Urenco and BEIS all taking centre stage to deliver keynotes.

An official tour of some of the facilities supported by AFCP was also given to BEIS at NNL's Preston Laboratory, including NNL's pioneering work in the development of a UK Coated Particle Fuel R&D capability.

The programme is accelerating the UK's net zero ambitions, maximising domestic opportunities for jobs and growth and supporting the global clean energy transition. Over the past three years, AFCP has leveraged over £130 million in investment across national and international programmes to drive nuclear fuel cycle innovation, ensuring we have the capabilities to underpin advanced nuclear technologies (ANTs).

Advocating the most inspirational initiatives and developments in advanced fuels and clean energy, the AFCP Showcase recognised outstanding achievement, teamwork and collaboration. Technical breakouts and a poster competition covered coated particle fuel, accident tolerant fuel and aqueous recycle, as well as future fuel cycles requiring fast reactor fuels and pyroprocessing.

Nick Barron, NNL's Technology Manager who led the Coated Particle Fuel breakout session and also oversees the Fast Reactor Fuels project, said: "It was great to have the opportunity to present what the teams have been working on during the pandemic to a live audience, bringing the science to life.

"The work we do across NNL's facilities, including at Central Lab at Sellafield, is important because it provides the UK with the active facilities it requires to support decommissioning of the UK's nuclear legacy. It also gives us an opportunity to conduct impactful research to underpin future fuel cycle and ANT deployment to help meet the UK's Net Zero ambitions, while at the same time developing the next generation of nuclear scientists."

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# Next generation of West Cumbrian nuclear talent receives double success at Nuclear Skills Awards



**Two skilled nuclear professionals from West Cumbria were highlighted as stars of the future at the UK Nuclear Skills Awards 2022 - a high-profile dinner attended by hundreds of nuclear industry leaders, award nominees and their friends and families.**

The National Nuclear Laboratory (NNL) had no fewer than three nominees, two of which were winners on the night. One of them twice over.

Kerry Jackson, a Scientific Apprentices based on site at Sellafield, was shortlisted in the category of Advanced Apprentice of the Year.

She fought off stiff competition to be named as the winner in that category, and then went one better - winning the overall title of Nuclear Apprentice of the Year, the final award of the night and a tremendous accolade!

James Dewar, an NNL graduate based at Workington, was named as the winner of the Graduate of the Year Award – making it an amazing four years in a row that an NNL graduate has won an award.

Henry Preston began the winning streak when he was named Science Graduate of the Year in 2019, Amr Salah won Engineering Graduate of the Year in 2020, and then Sam Lyons was victorious last year, when the two categories were combined.

Emin Veron just missed out on making it a hat-trick of NNL wins, when he was named as a runner-up in his category of Innovation in People and Skills Development / ED&I Inspirational Role Model, which was won by Sandra Scrambler of Westinghouse.

Many congratulations to all three NNL nominees, and to their colleagues who have worked with and supported them on their career journeys so far. All three clearly have great futures ahead of them!

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# News In Brief

## Sellafield construction project brings in new digital experience



**One of Sellafield's largest major projects is successfully using digital modelling to accelerate project delivery.**

The construction site for the Sellafield Product and Residue Store Retreatment Plant (SRP) has brought in an immersive digital experience called BIM – which stands for Building Information Modelling.

BIM has been used on our projects for a while now, creating interactive 3D plans to guide construction work. The new system provides a 'BIM cave' in the project's open plan office area.

Steve Harnwell, head of Sellafield Product and Residue Store Retreatment plant, Sellafield Ltd, said: "The BIM cave allows 3D modelling and 4D planning to be executed 'live' on the site and enhances the project's daily 'line of sight' planning by allowing people to visualise the plan and interfaces.

"This leading step is already resolving interface clashes and provides a better understanding for our workforce and supply chain. This is another advancement for deployment of BIM on Sellafield projects."

For the full article, please click [here](#).

## Lee Grears appointed as new BECBC Board Chair

**BECBC has announced the appointment of Lee Grears, founder and Managing Director of award-winning Inspection, NDT and Destructive Testing and Training Company Responsive Ltd, based in Workington, as a new Board Chair.**

Lee was voted onto the board in 2021 and elected to lead the board in 2022. Lee has a vested interest in Cumbria and its future prosperity for future generations. With a keen passion for business clustering Lee believes collaboration is the best way to ensure growth and sustainability, not just in Cumbria, but also the wider North.

Please click [here](#) for the full article.

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## Delkia secures major nuclear contract on 20-year framework



**Cumbria-based engineering and technology firm Delkia has landed one of the first major packages of work from the multi-billion framework Programme and Project Partners (PPP) for Sellafield.**

The framework is made up of five major partners, including Sellafield Ltd, Morgan Sindall, Doosan Babcock, KBR and Jacobs Clean Energy, to support on major capital projects at the Sellafield nuclear site. Full article [here](#).

## **Prima Uno Wins The UKAEA Fusion Project Delivery Framework Contract**



**The West Cumbrian team at Prima Uno have recently won a four-year contract to support the United Kingdom Atomic Energy Authority (UKAEA) in their goal 'to lead the delivery of sustainable fusion energy' on behalf of the UK Government.**

Prima Uno was one of six successful suppliers selected for UKAEA's Project Delivery Services Framework.

Companies working on the Project Delivery Services Framework will be contributing to several UKAEA programmes including STEP (Spherical Tokamak for Energy Production) which aims to deliver a prototype fusion energy plant and a path to the commercial viability of fusion.

Fusion energy has the potential to deliver safe, sustainable, low carbon energy for generations to come based on the same processes that power the sun and stars.

The contract, due to commence in the Spring of 2022, is to provide professional staff to support the UKAEA's Programme and Project Management Office, as part of a Project Delivery Services Framework contract.

**Please click [here](#) for the full article.**

## **Programme and Project Partners announce winners of third multi-million pound framework**



**Innovation in awarding long-term work packages is continuing at the Sellafield site, with the Programme and Project Partners appointing its next partners to support transformation and a lasting legacy for future generations.**

The partners have appointed Balfour Beatty Kilpatrick and Doosan Babcock to deliver the mechanical and pipework requirement, through a framework agreement worth £112 to £237 million, over the life of the programme.

The mechanical and pipework package is the third key delivery partner framework to be awarded by the partners as part of a major programme spanning the next 18 years.

The framework has been procured under a new multi project procurement model which encourages long-term collaboration throughout the supply chain, enhanced project delivery, and paves the way for greater economic and social impact in the West Cumbria region.

This new model will see the appointment of key delivery partners to deliver work packages covering everything from building fit out, groundworks and general civils to steelwork and cladding. Full article [here](#).

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# Work to restore historic Whitehaven lighthouse complete



**A project to restore one of Whitehaven's iconic 19th century lighthouses is now complete.**

Whitehaven Harbour Commissioners has been overseeing the project to bring the North Pier and West Pier lighthouses back to their former glory.

The project is being funded mostly from Sellafield Ltd's SiX (social impact, multiplied) programme, as well as in-kind donations from individual people and companies.

Gary McKeating, Head of Community and Development, Sellafield Ltd, said: "We're very pleased to have played our part in returning these iconic local landmarks to their former glory.

"A key priority of our social impact, multiplied programme is helping to ensure our communities thrive, and preserving and enhancing community assets is an important part of this.

"Most of the work has been done by local contractors to deliver something that can now be enjoyed by residents and visitors for many more years to come.

"I'm extremely grateful to them and all the partners that have supported this fantastic project."

Work on the West Pier structure is now finished, including replacing the roof structure and windows, cleaning and repainting the exterior paintwork, repairing the internal and external ironworks and replacing the beacon. Doors and a new cable supplying power to the lighthouse have also been installed.

It is hoped that work will finish on the North Pier Lighthouse by May, including repainting and restoring the metalwork, as well as putting the new beacon in place.

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# Nuclear In The Headlines



**Government in talks to build 'hundreds' of mini-nuclear reactors across UK**

The Telegraph

**Nuclear power is safe and gets cheaper the more we embrace it – we need to get past its PR problem**

I News

**Elon Musk calls for nuclear power expansion and offers to eat food grown near reactors**

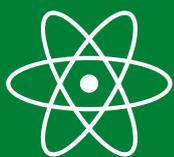
The Telegraph

**Fund to secure our energy supply and boost cutting-edge nuclear projects opens for business**

Gov.uk

**UK's nuclear power push will add to energy bills, ministers say**

BBC News



## Key Nuclear Messages

- One large-scale station can power Cumbria 8 times over
- Nuclear has saved the UK six years' worth of emissions, 2.3 billion tonnes, far more emissions than any other source
- By 2030, we are losing stations that can power around 13 million homes
- The UK will need four times as much clean power, and 10 times as much clean energy, by 2050 to hit net zero
- Nuclear is the UK's only proven source of clean, always-on, emissions-free power, and the only source that can produce low-carbon power and low-carbon heat
- Nuclear is the most jobs-rich form of low-carbon energy: a large-scale project can sustain around 70,000 high-skilled, well-paid jobs

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# **Get In Touch With Me** **Trudy Harrison MP for Copeland**



A huge thank you to each of the fabulous companies and organisations that have contributed to this update.

If you would like to feature in future issues, please get in touch with me using the email below.



**Main Street, Bootle, Cumbria, LA19 5TF**  
**Trudy.Harrison.mp@parliament.uk**  
**01229 718 333 / 020 7219 4002**  
**[www.TrudyHarrison.co.uk](http://www.TrudyHarrison.co.uk)**