



STORK

NUCLEAR SOLUTIONS

New Construction, Maintenance & Life Extension
and Decommissioning 'Make Safe Solutions'

[STORK.COM/UK](https://www.stork.com/uk)

THE UK NUCLEAR TRANSFORMATION

INTRODUCTION

Nuclear power generation plays a vital role in the UK's future energy mix, as part of the [Government's strategy](#) for reaching net zero emissions by 2050. Currently the UK generates around 20% of our electricity from nuclear energy. However, decommissioning activity will mean most of the existing capacity will be retired by the end of the decade.

Using a different approach to generate electricity, The UK Government's Net Zero Strategy includes large scale and advanced nuclear technologies, including Small Modular Reactors (SMRs) and potentially Advanced Modular Reactors (AMRs).

Any new nuclear project comes with a unique set of challenges for the plant's operators. A typical new facility can take over 14 years to progress from planning stages to being operational. Complex designs and high specification manufacturing requirements challenge even the best production process and robust supply chain.

VISION FOR NUCLEAR ENERGY

The Government's vision for nuclear energy is to have a nuclear sector that¹:

- Has safety and security as its highest priorities, with the UK leading the world in safe and secure operations across the whole fuel cycle.
- Continues to contribute to a low carbon and secure energy future, with nuclear energy being deployed efficiently and effectively, competing successfully with other low carbon technologies.
- Leads the way in successfully decommissioning redundant nuclear facilities, including the environmentally safe disposal of nuclear waste.
- Contributes to employment and prosperity in the UK including by exporting to overseas markets, respecting the imperative of not proliferating nuclear weapons.
- Continues to command public confidence, by operating safely, securely, sustainably and transparently.

¹ Gov.UK - Long-term Nuclear Energy Strategy


STORK DELIVERS

OUR APPROACH

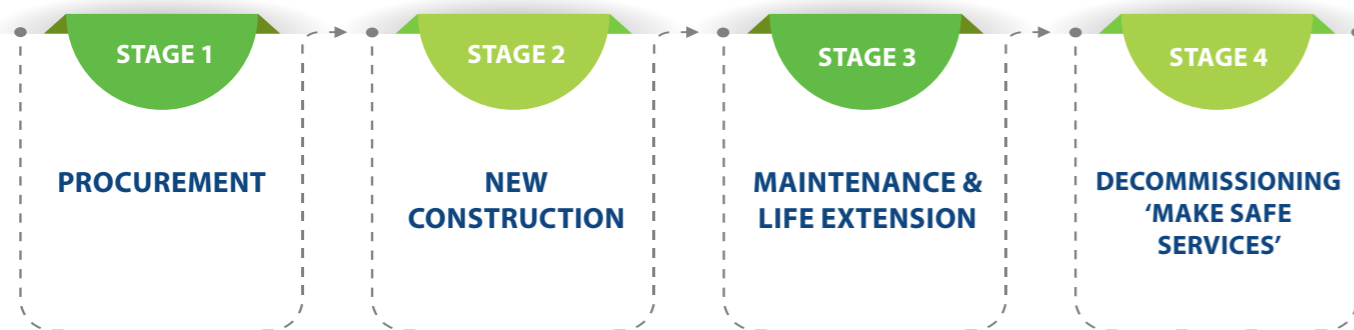
At Stork, we have successfully supported our clients' in the nuclear industry for decades and have established comprehensive practical knowledge during this time. In a highly regulated sector, where nuclear safety and compliance is of paramount importance, our stringent protocols are designed to keep plants operating at peak performance.

Through our holistic solutions, we help our clients reduce risks and meet all regulatory requirements. From the early procurement stages of any project, Stork takes care of our clients' supply chain needs through our Quality Assurance services.

Stork delivers an unrivalled portfolio of solutions during every stage of a plant's life cycle. With a range of Suitably Qualified and Experienced Personnel (SQEP), all with the appropriate levels of accreditation and competence to complete the scope requirements. This ensures all inspections are completed safely and compliantly, with all relevant statutory and regulatory requirements.

 [Click here](#) to learn from our past projects.

LIFE CYCLE PHASES



OUR NUCLEAR SAFETY COMMITMENT

SAFETY IS OUR TOP PRIORITY


Nuclear safety is everyone's responsibility and the effective implementation of nuclear safety protects our employees, the public and the environment.

Stork is dedicated to being recognised as a leader in all aspects of health, nuclear safety, the environment and quality; by our employees, clients and industry peers. Our award-winning HSEQ engagement programme, [Safer Together](#), enables us to achieve this goal.

By engaging our teams to challenge themselves to improve our HSEQ culture and performance, we function as one team with shared values and responsibility.

Stork's [National Skills Academy Nuclear \(NSAN\)](#) membership and Nuclear Safety triple bar training, ensures a consistent approach to safety. Learning from experience is something Stork is very passionate about, as we look to enhance operational efficiency and assurance for our clients at every given opportunity.

Stork's values and behaviours are modelled by our leaders and championed by our employees. All of these combined, serves to make nuclear safety an overriding priority, led by our teams of certified professionals.

 [Click here](#) to find out about our award winning HSEQ platform.

THE 5 ELEMENTS OF NUCLEAR SAFETY



SUPPORTING OUR CLIENTS EVERY STEP OF THE WAY

OUR SOLUTIONS COVER EACH PHASE OF OUR CLIENTS' PLANT'S LIFE CYCLE, FROM PROCUREMENT, NEW CONSTRUCTION, MAINTENANCE AND LIFE EXTENSION, THROUGH TO DECOMMISSIONING 'MAKE SAFE SERVICES'.

- Construction Support
- Site Quality Assurance and Supply Chain 2nd and 3rd Party Inspection Services
- Conventional and Advanced Non-Destructive Testing (NDT)
- Heating, Ventilation, Air Conditioning and Refrigeration
- Corrosion Monitoring Solutions
- Flange Integrity Management
- Access Solutions
- Heat Treatment
- Industrial Cleaning
- Norm Removal
- Coatings
- Cold Cutting

“ The continued engagement and support from Stork as our chosen inspection & quality assurance service provider is key to delivering the Sellafield mission. Safely, Securely and Sustainably. ”

Dave Tomlinson, Head of Inspection Services - Sellafield Ltd.



SAFEGUARDING THE INDUSTRY

ACCREDITATIONS AND CERTIFICATIONS

Our industry recognised accreditations and certifications provide our clients' with the confidence that we meet and exceed relevant quality and professional standards:

- Our quality management system reflects all requirements of the BS EN ISO 19443:2018 standard. (Nuclear Safety Culture, Counterfeit, Fraudulent & Suspect Items and graded approach)
- LRQA ISO9001:2015 certified quality management system (QMS)
- ISO50001- standardised energy management system
- ISO/TS29001:2010 - Petroleum, petrochemical and natural gas industries quality management standard
- UKAS ISO/IEC17020:2012 Type A Inspection (Nuclear and Power Industries for surveillance activities)
- UKAS ISO/IEC 17020:2012 Type C Inspection
- Cyber Essentials Plus Certification

[Click here](#) to find out more about Stork's certifications and accreditations.

ALLIANCES AND MEMBERSHIPS

Technical alliances and memberships with Stork's subject matter experts and industry bodies include:

- Nuclear Advanced Manufacturing Research Centre (NAMRC)
- National Skills Academy Nuclear (NSAN)
- Women in Nuclear
- Nuclear Industry Association (NIA)
- Britain's Energy Coast Business Cluster (BECBC) Nuclear Group
- Sizewell C Consortium
- The Welding Institute (TWI)
- British Institute of Non-Destructive Testing (BINDT)
- IRATA International

THE RELATIONSHIP BETWEEN SOCIAL VALUE AND STORK

SOCIAL VALUE IS THE QUANTIFICATION OF THE RELATIVE IMPORTANCE THAT PEOPLE PLACE ON THE CHANGES THEY EXPERIENCE IN THEIR LIVES.²

The concept of social value was embraced by the UK government under the [Public Services \(Social Value\) Act 2012](#).

In 2020, Stork's UK Leadership Team adopted a strategic approach to social value, creating a dedicated team to ensure visible impact across the UK.

The essence of social value at Stork is we are a multi-stakeholder company, which means our attention must be balanced to deliver long-term value across all of our stakeholders. In practice, this means not only focusing on meeting the needs of our shareholder, but on creating lasting impact for our people, clients and the planet.

Our purpose statement, '[Maintaining a Better World](#)', captures this nicely: 'Maintaining' is what we do, 'a Better World' is the value we add. By

playing an active role in charitable giving and encouraging company-wide involvement in community volunteering, we aim to improve the wellbeing of those across the local communities in which we operate.

As part of this, we are committed to supporting the [UN Sustainable Development Goals](#), by developing and implementing actions that help towards the eradication of poverty, the protection and care of the environment and wellbeing for all. Stork's involvement in social value makes us a socially and environmentally responsible organisation. No one should have to go without basic essentials such as food or clothing, which is why our employees are passionate about volunteering, fundraising and supporting a wide range of foodbanks and charities and community projects throughout the UK.

STORK'S SOCIAL VALUE STRUCTURE:



² <https://www.socialvalueint.org/>

WHY STORK?

Our core values are embedded within everything we do – from the way we work, engage with our clients and deliver the objectives of our HSEQ and employee engagement platforms; Safer Together and DRIVE.

We have a long-standing track record of over 40 years, working in offshore oil & gas environments, with major operators and tier 1 contractors. In more recent years, our business diversification strategy has enabled us to secure new contracts in onshore-based industries such as nuclear.

More and more we are operating in diverse markets and therefore it has fully recognised the people we employ are diverse themselves.

Our suitably qualified and experienced personnel have the correct professional qualification and years of experience to support our clients' across a range of challenging projects, ensuring safety remains at the forefront.

470,000

field-hours delivered over a 5-year period

20,000

nuclear projects were successfully completed between 2019 and 2024

0

HSEQ incidents throughout our nuclear operations

60+

in-house technical authorities and subject matter experts

7

industry awards for employee culture between 2022 and 2023

Stork
Norfolk House
Pitmedden Road
Dyce
Aberdeen
AB21 0DP

Contact us:
+44 (0)1224 722888
Info.UK@stork.com

stork.com/UK