



Delivering excellence in the management, decommissioning and re-use of uranic materials





Welcome to CNS

Capenhurst Nuclear Services (CNS) has been in operation since 2012. We provide responsible materials management and uranic stewardship for the nuclear industry.

With the benefit of more than 1,000 combined years of nuclear experience from across our workforce, we have the skills and expertise which enable us to deliver excellence.

We believe nuclear energy has a significant role to play in the global transition to a low-carbon economy. An essential part of this is the responsible management and stewardship of nuclear materials.

We are proud of our trusted role within the nuclear sector and the valuable contribution we make to our industry.

David Slater
CNS Managing Director

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“At CNS we’re proud of our contribution to the nuclear industry”

CNS is the centre of excellence for the management of uranic materials, decommissioning and recycling.

Our values

Safety

Drive compliance by our people and within the supply chain to operate and behave in accordance with our Safety, Health, Environmental, Quality and Security policies and value their contribution in our endeavour to embrace best practice.

Integrity

Undertake our activities with both our customers and the supply chain to the highest level of integrity and conduct our relationships with honesty, fairness and respect.

Development

Be committed to the sustainable growth of our business through the continuous development of our people and our suppliers.

Flexibility

Be recognised as a company that explores innovative opportunities and executes solutions quickly and effectively through flexible deployment of our skills and those of our supply chain.

Profitability

Create value and drive down costs to support the continued success of the business.



What we do

The work at CNS focuses on four core areas of activity:

1. Tails management services

Ensuring the long-term safety of the UK's nuclear legacy is a core part of our business at CNS.

Our workforce provides expertise in tails management services, which involves managing legacy cylinders containing uranic materials and safely transferring those materials into new cylinders.

This process involves the deconversion of depleted uranium into an oxide powder, reducing the space required for storage, and helping us reduce costs and minimise the already low risks.

Case study: Legacy Cylinder Facility (LCF) project

CNS is currently undertaking a project to plan and construct a new Legacy Cylinder Facility (LCF). Significant funds will be invested into the project over 35 years, with the plant expected to be operational by 2020.

The LCF will be designed to carry out the transfer of nuclear materials from their current 'legacy cylinders' into suitable, up-to-date vessels. Nuclear materials will be filtered to remove impurities and the 'legacy cylinders' will be fully cleaned and readied for disposal.

2. Materials management

A core area of our work is the long-term management of uranic materials.

We have in-house expertise of designing purpose built facilities and developing bespoke management solutions ranging from the treatment of materials to long-term construction projects.

We have the capability and expertise to take a project from concept to operational commissioning, providing excellent value for money.

What we do

3. Decommissioning

Our workforce has the expert technical and operational capabilities to deliver decommissioning and repurposing of redundant facilities and rationalisation of service infrastructure.

We develop innovative solutions that maximise the waste hierarchy, and therefore support the nuclear industry's mission to be environmentally responsible.

Case study: Nuclear Decommissioning Authority (NDA)

In 2012, CNS signed a long-term contract with the Nuclear Decommissioning Authority (NDA) to provide responsible management of uranic materials and carry out remediation work on its behalf. Under this contract, CNS manages 95% of the NDA's uranic inventory. We also provide a broader decommissioning and remediation works package for redundant facilities, in order to utilise space to maximise efficiency.

4. Recycling

The CNS workforce provides expert interim management solutions for nuclear by-products prior to re-use or transfer for final disposal.

Re-use of nuclear materials is an important service to the nuclear industry. Expertise and knowledge from across the CNS workforce make an important contribution to the delivery of a complete nuclear life-cycle.

CNS waste management hierarchy



Average years of service in the nuclear industry

15



Number of employees

70



Number of workers including agency and contractors

122



Total number of years of experience on site

10000+

Environment

We are fully committed to the responsible environmental management of our activities.

We regularly monitor water supplies, air quality and energy emissions (CO₂ and direct/indirect energy), as well as carry out Environmental Impact Assessments of all activities within the licensed site. Our activities are also subject to scrutiny by the Office for Nuclear Regulation and the Environment Agency.

"We are the custodians of our environment and this is reflected in everything we do"

Our people

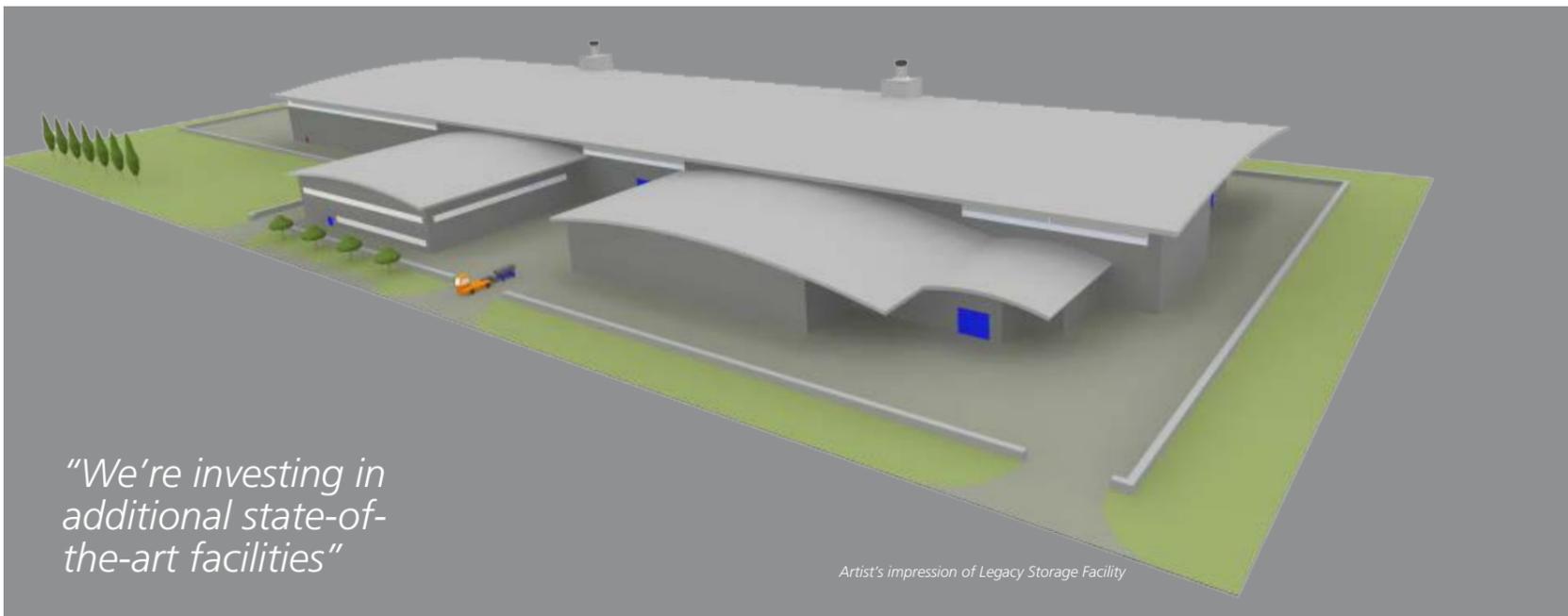
Our employees are what make this company a centre of excellence for the management, decommissioning and re-use of uranic materials.

CNS can draw on over 1,000 combined years of nuclear experience from across its highly skilled workforce.

Many of our employees have worked on highly complex nuclear management projects across the UK.



"Safety is at the heart of everything we do at CNS"



"We're investing in additional state-of-the-art facilities"

Artist's impression of Legacy Storage Facility



"Our partners know that they can rely on us to deliver"

Safety

Safety is paramount for CNS, for our employees and the community in the surrounding area. We are proud of our safety record and continue to look at further improvements.

We have instilled a strong safety culture, which is embedded across every level of our business. Our employees are trained to be vigilant and work in an environment that promotes a strong safety culture.

Our safety record is exemplary and we continue to make every effort to provide a safe environment for our employees and partners. We constantly work towards best practice and compliance with stringent Safety, Environmental, Quality and Security policies, which regulate the industry we work in.

In 2013, CNS achieved the internationally recognised standard for environmental management (ISO4001) and the international standard for quality management (ISO9001).



Case study: RoSPA recognition

The Royal Society for the Prevention of Accidents (RoSPA) awarded CNS a 'Gold' award, reflecting the excellent level of health and safety management, embedded across the business at every level.

Operations and supply chain

CNS is a global leader in the field of uranic stewardship and end-of-cycle management solutions for the nuclear industry.

Our workforce has specialist management skills and expertise within the nuclear sector and we are proud of our ongoing contribution to the UK's nuclear industry.

The success of our business at CNS is built on long lasting relationships with our customers and suppliers. Open, honest and transparent collaboration with our partners allows us to provide innovative solutions and deliver effectively time and time again.

Community

Our approach to community engagement is founded on the belief that our success is determined by having a high level of support from the local community and our stakeholders. It is embedded into the core of our business.

We believe in sharing information about our operations and providing updates on a regular basis to our key stakeholders. Continued openness and transparency with the local community ensures that these valued relationships are strengthened and we maintain our licence to operate.

Our engagement extends to both civic and community stakeholders, including the Capenhurst Local Liaison Committee, Cheshire West and Chester Council and Capenhurst and Ledsham Parish Council.

In 2014, CNS launched its "Company Charities Initiative", which gives our employees a chance to select the charities the company supports over a 12 month period.

We aim to give back to our community through youth engagement. This ranges from running competitions with local schools, to promoting apprenticeships and work placements for young people.

CNS provides job security, offers employment opportunities and makes a significant contribution to the local economy.

Donations and sponsorship

Details of company charities are available on the CNS website.



Apprenticeships



Case study: Tom

Engineering Technician

Having started working on the Capenhurst site in autumn 2009, Tom successfully completed his Level 3 Advancement Apprenticeship in Engineering whilst studying at West Cheshire College. Following the completion of his apprenticeship, Tom has gone on to join CNS on a permanent basis. Tom was named CNS Apprentice of Year in December 2013 and was also named 'Star Apprentice in Engineering' at the West Cheshire College 'Star Apprentice' awards in March 2014.

"My apprenticeship at CNS has been a great way for me to start my career and I've learnt so much on a day-to-day basis during my time here"



Case study: Natalie

Human Resources & Learning Development Administrator

Natalie started a two-year Business Administration Apprenticeship in September 2009. She has gone on to complete a Level 3 Certificate in Human Resources Management and a Level 5 Diploma in Human Resources Management through her studies at West Cheshire College. Having gained valuable hands-on experience from across a variety of business units, Natalie joined CNS on a permanent basis as a Human Resources & Learning Development Administrator.

"My CNS apprenticeship has helped me develop the skills and confidence I need to succeed in the permanent role I have now secured with the company"



Contact us

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