



ESTORTEC

**THE FULL 360° TURNKEY
SOLUTION**

The background image shows an industrial facility with several large, cylindrical storage tanks. A yellow scissor lift is positioned near one of the tanks, and various pipes and structural elements are visible. The scene is set during the day under a clear sky.

DELIVERING HIGH-QUALITY INFRASTRUCTURE PROJECTS PROVIDING 'VALUE ENHANCING' ASSETS TO OUR CUSTOMERS & PARTNERS.

Operating as '360° Turnkey Contractor' we
keep everything all under one umbrella.

DELIVERING
DIFFERENCE
TOGETHER

PROVEN TRACK RECORD

- In all elements of AD, Wastewater & Drinking Water projects.
- Lead by over 150 years of combined industry experience within the management team alone.
- EPC project partner for Investors, Owners and Project Developers.
- Delivering CAPEX Efficiency & Programme Enhancement.
- Full Design & Build Services
- Tier 2 & CDM Management
- Principle contractor
- Total turnover since incorporation £75 million

GLOBAL REACH SERVICED
FROM LANCASHIRE

**700 PROJECTS
WORLDWIDE IN 7 YEARS**

RESILIENCE
SUSTAINABILITY
INNOVATION
COLLABORATION
INTEGRITY
TEAMWORK
INCLUSIVITY

Resilience

We have the ability to adapt, overcome challenges and maintain strength. Focusing on growth, embracing change and building strong, supportive relationships.

Innovation

We think outside the box, bringing technologies and solutions to our clients that ensure a positive impact on the planet.

Integrity

We believe in honesty, accountability and transparency. Building and maintaining trust by being reliable and consistent.

Sustainability

We are committed to protecting our environment through our innovative and sustainable products. Ensuing our materials are designed for reuse and recyclable.

Collaboration

We work dynamically with our clients to achieve success. Collaboration accelerates progress, creating a collective achievement.

Teamwork

Our TEAM work together to pool their expertise and perspectives, delivering 'top notch' quality products and installations.

Inclusivity

We have created a solid foundation where everyone is valued, respected and empowered. We thrive on celebrating our TEAM who are the key to STORTEC's success.

STORTEC provides a contracting service that will deliver improvement in capital expenditure, programme durations, sustainability and improve efficiencies.

STORTEC Engineering was formed in February 2018, driven by an ethos of sustainability and core values. STORTEC is **a specialist contractor providing solutions for the storage of liquid and biogas**. We provide a total package solution, offering a complete service to the construction industry **from conception to optimisation**, delivering best value and innovation.

We operate in the Water, Wastewater, Industrial Waste and Renewable Energy Industries. Our **flexible approach** sees us delivering projects extending from basic storage solutions to full turnkey treatment plants.

Our team's experience in delivering biogas and water treatment projects dates back to 1985, with **decades of knowledge** in anaerobic digesters, site operations, infrastructure build and civils works.

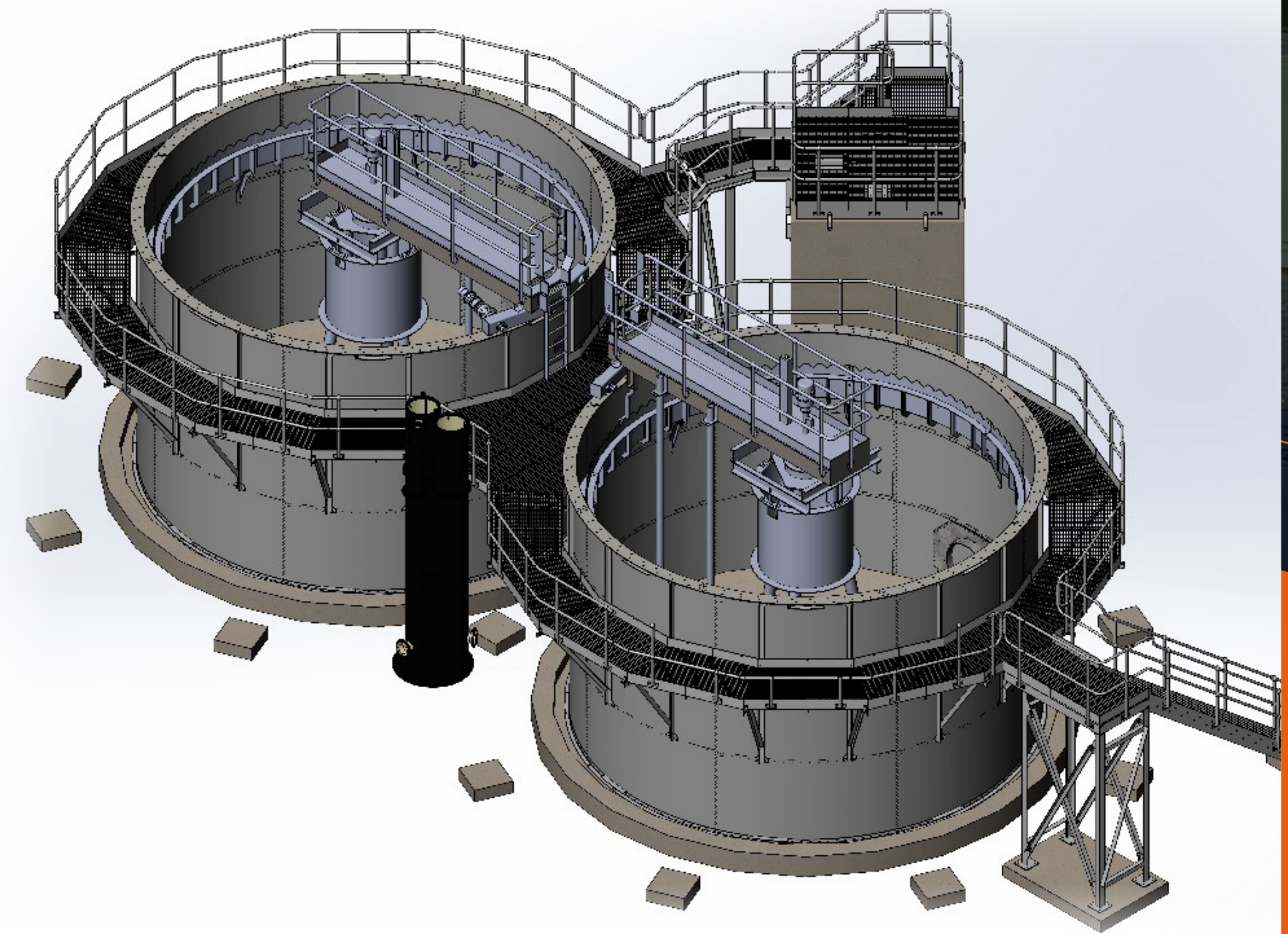
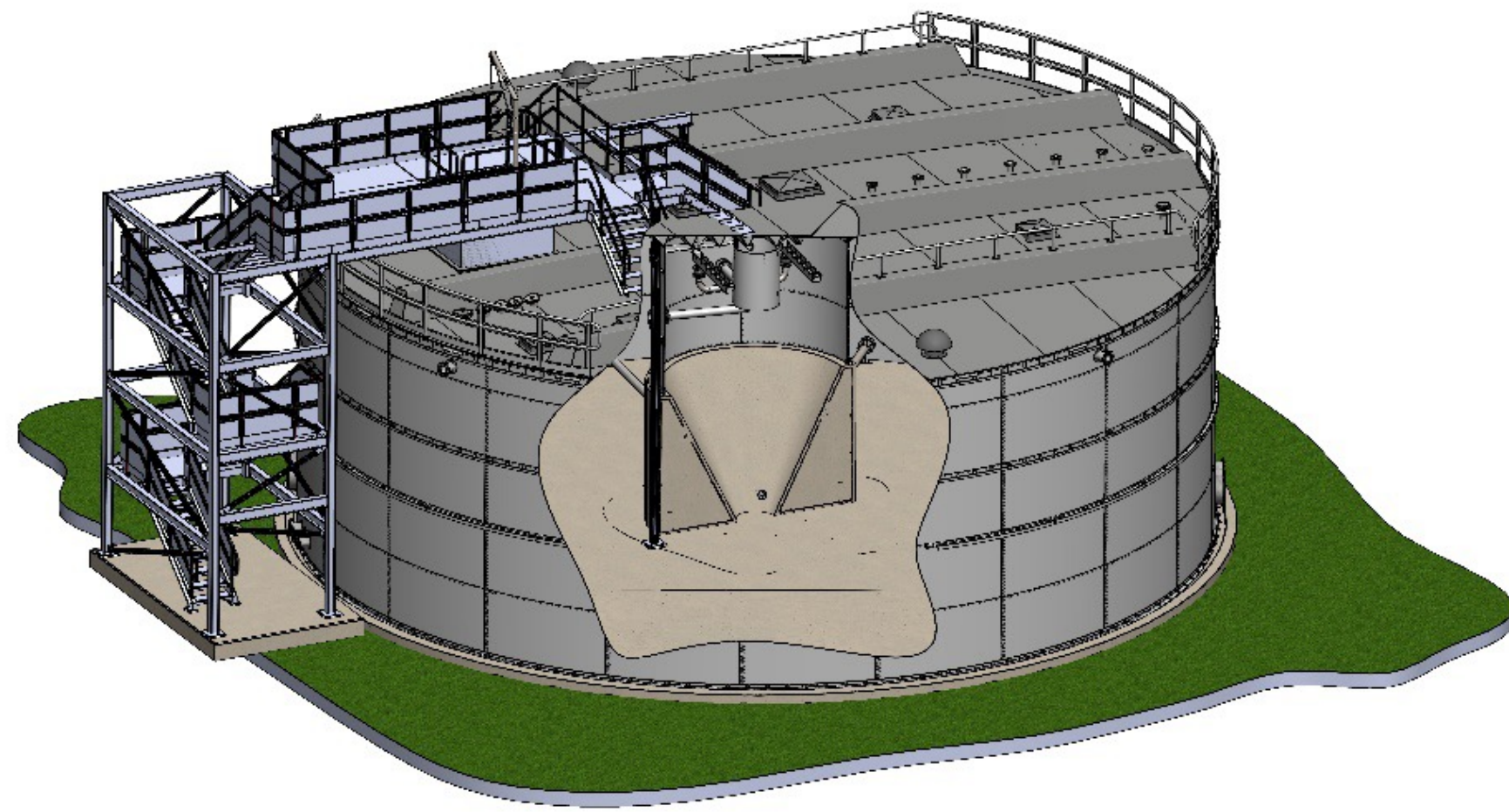
Whilst operating as a Specialist Contractor, our business also complements these works, manufacturing our own products which are key to the supply. **From concept to full inhouse design and production** we have developed our ULTRASTORE® Stainless Steel Tank system. This innovative product offers both **performance and sustainable advantages** against traditional solutions in the market. Furthermore, by conducting these works internally we can control and manage a key element of the supply chain, resulting in improved programme and TOTEX costs for our customers.

The ULTRASTORE® Stainless Steel product has grown to be our largest product offering, **revolutionising the Water Industry whilst remaining competitive**, and improving the sustainable supply of products to the industry.



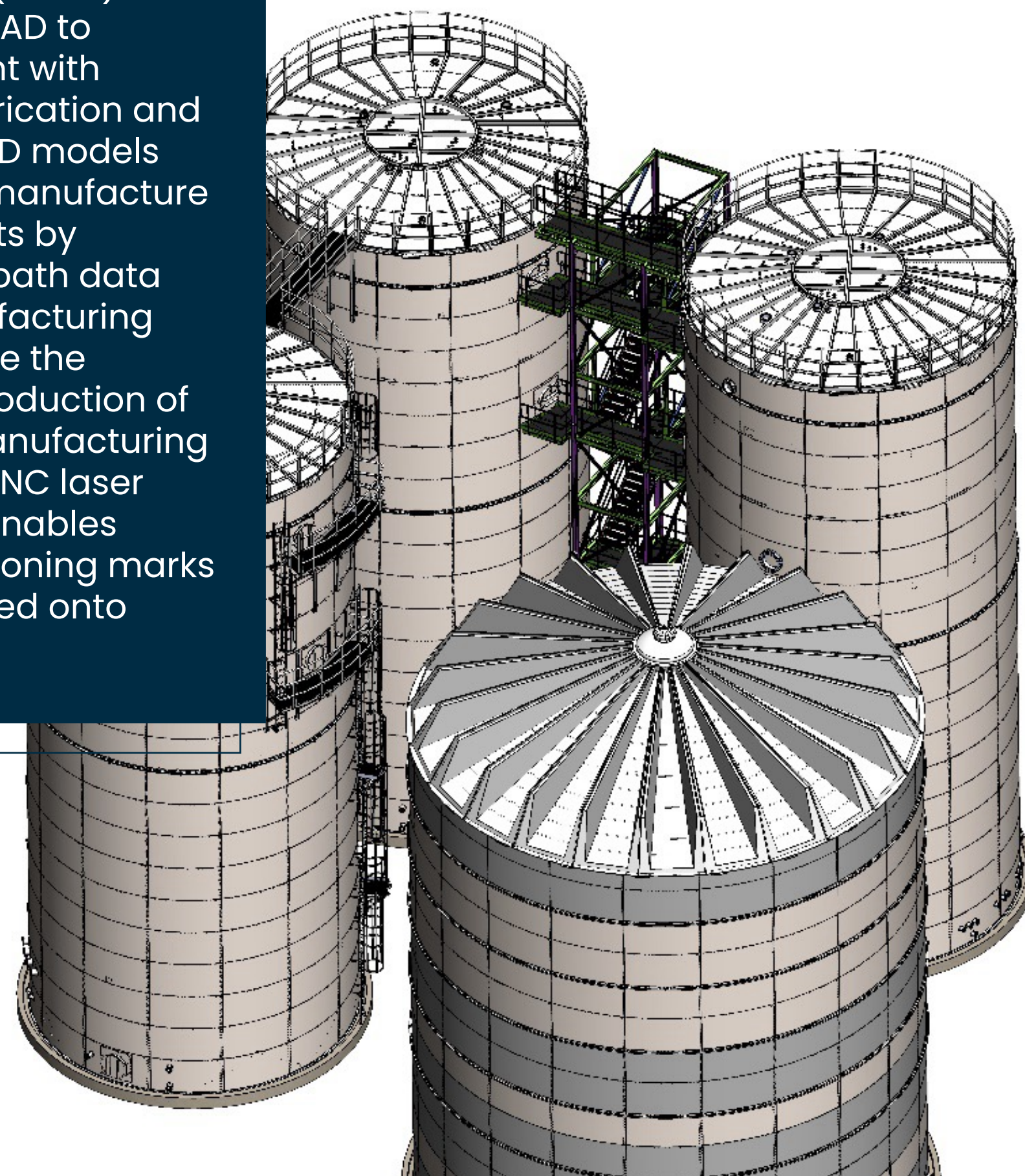
DESIGN CAPABILITY

STORTEC produces project specific 3D models using the latest Solidworks 3D CAD software. Working with a library of standard and common components all fabricated parts are fully detailed in 3D enabling assemblies and potential clashes to be checked 'virtually' before any parts are made.

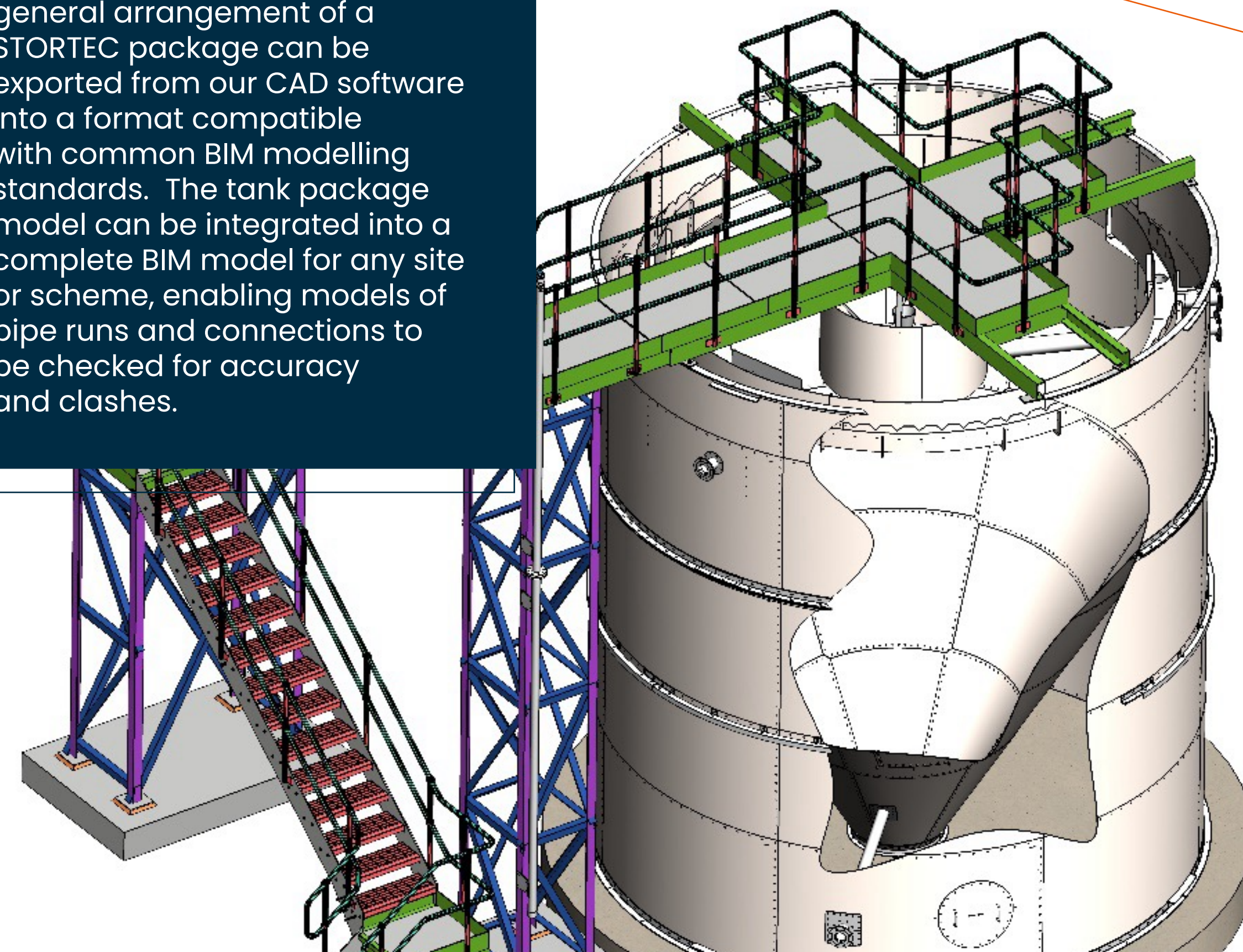


BEYOND INDUSTRY STANDARD

Full Bill of materials (BOMs) are exported from CAD to provide procurement with detailed lists for fabrication and procurement. The 3D models can be used in the manufacture of many components by providing machine path data directly to NC manufacturing machinery, to reduce the potential for the introduction of errors during the manufacturing process. The use of NC laser cutting machinery enables assembly and positioning marks to be precision etched onto components.



At a higher level, the overall general arrangement of a STORTEC package can be exported from our CAD software into a format compatible with common BIM modelling standards. The tank package model can be integrated into a complete BIM model for any site or scheme, enabling models of pipe runs and connections to be checked for accuracy and clashes.



CAPABILITIES



As part of STORTEC's principle contractor and package supply we undertake all aspects of civil construction including:

- Topographical surveys
- Ground penetrating radar commonly utilised for the establishment of services in the ground
- 3D scanning of site
- Site control establishment
- Full site set out
- Concrete surveys
- Design and build of civil foundations, rafts, pathways, plinths, roadways
- All provided with 3D design, full ISO traceability, As built information and quality packs.

ULTRASTORE®

ULTRASTORE® is our in-house developed sectional Stainless Steel Tank system. From the outset, STORTEC has always been determined to use our combined experience to develop new and innovative solutions.

The ULTRASTORE® product range starts at 6m³ and extends to over 10,000m³ volume and the system can be fitted with the same ancillaries as other modular tanks such as roofs, launders and steelwork.



ULTRASTORE®

ASSET LIFE

The ULTRASTORE® system offers multiple performance and asset life advantages over the traditional alternatives.

CARBON FOOTPRINT

ULTRASTORE® provides a significantly reduced carbon footprint compared to carbon steel and concrete tanks.

INNOVATION

The tank sheets are manufactured using at least 85% recycled materials and are 100% recyclable.

SUSTAINABILITY

Not only is the ULTRASTORE® product for the present day, but this is also a tank product that is sustainable and for the future.

BIODOME®

BIODOME® is a world-leading double membrane gas holder system. Designed and manufactured in the UK, the globally renowned system is a cost-effective solution for the storage and utilisation of Biogas. Each installation is tailored to meet the individual project demands for storage volume, pressure and gas flow requirements. The system offers unrivalled performance and flexibility

Bespoke solutions can be supplied to include central walkways, cantilevered access platforms, and installation of operation and maintenance equipment, all catering to the end users' operational demands. Biogas storage for energy use is an easy and effective way to buffer and use the renewable energy generated from the digestion of waste materials



BIODOME®

INSTALLATION

Installation can be completed in a matter of days by one of our specialist in-house teams.

SOLUTIONS

The BIODOME® gas holders provide a solution for storing a variable volume of gas at a constant pressure.

CAPACITY

Our Gas Holder range starts at 20m³ and extends to over 15,000m³.

MOUNTING

BIODOME® can be ground mounted or can be combined with a Tank supply package to provide a variable volume of Gas Storage in place of a tank cover.

BRIDGES & SCRAPER SYSTEMS



STORTEC's range of scraper bridges have been engineered to meet the demand of both municipal and industrial sites, ensuring that effective design and construction methods reduce delivery times and ensure robustness in service.

As standard, all our bridges are equipped with:

- End carriage davit sockets
- Stainless steel diffuser drum
- Full stainless steel internal scraper system
- 24 Way slip ring collector
- WEG drives with LC5 coating
- Bridge mounted control panels
- Marshalling panel on drive carriages
- Stainless steel electrical containment
- GRP or steel flooring

We also offer several optional equipment:

- Wear indicator sensors or floats
- Bridge to tank access gate and ladder support
- Maintenance pump power sockets
- Spray bar systems – full tank or diffuser drum
- Pre-fabricated stainless hoppers
- Full dropper removal with quick connect – removes the need to drain tanks to change blades or deal with a failed winch system.

STORTEC Scraper paired with ULTRASTORE tanks can significantly reduce project duration, carbon footprint and interface issues, and delivers a fully Stainless installation

PARK FARM PROJECT

STORTEC carried out initial excavation works and Civil works including the bund. Three bespoke tank bases were installed in preparation for tank installation. All work carried out by STORTEC with a permanent STORTEC Site Manager.

All elements of the project installed by STORTEC including pipework, Steelwork,

electrical and mechanical works. The Ground Mounted Gas Holder installed is a STORTEC designed double membrane Biodome®.

ULTRASTORE® Stainless Steel Tank Installed using our specialist Jacking Equipment.

Value

£9,800,000

End User

Private

Scope

Design and construction of AD plant (Principle Contractor & Designer)

2-OFF Digester Tanks

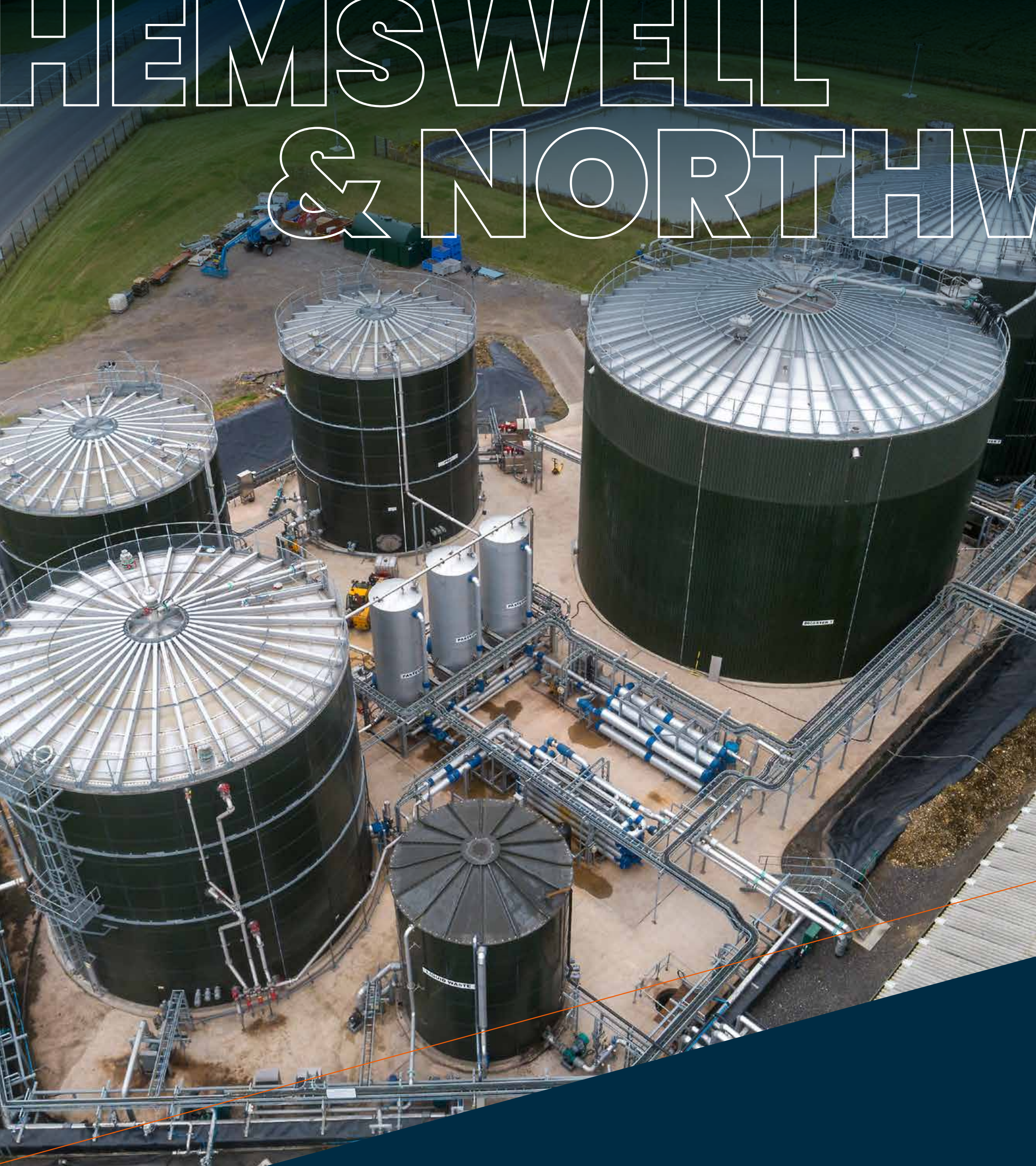
Diameter: 23.910m
Height: 10.119m
Volume: 3850m³

1-OFF Hydrolysis Tank

Diameter: 13.663m
Height: 9.760m
Volume: 1200m³



HEMSWELL & NORTHWICK



WOLSINGHAM STW

The project consisted of the Design and Installation of 5-OFF Tanks. Included in STORTEC's scope was the excavation of site, laying out of underground pipework and installing tank bases.

All 4 Settlement Tanks were fitted with a Launder and Half-Bridge Thickener unit. All of the tanks are constructed from Stainless Steel panels.

Also included in our scope were the Peripheral Walkways around the Settlement Tanks.

Delivered under budget, Completed 4 months ahead showcasing innovation and a partnership delivery approach

Value

£700,000

End User

Northumbrian
Water PLC

Scope

Multiple Tank Package
including Mechanical,
Electrical and Civils

2-OFF Primary Settlement Tanks

Diameter: 8.539m
Height: 4.118m
Volume: 207m³

1-OFF Sludge Tank

Diameter: 5.987m
Height: 4.118m
Volume: 101m³

STORTEC DELIVERY

MECHANICAL INSTALLATION

Full mechanical installations and construction carried out by our own in-house site teams from start to completion.

CIVIL CONSTRUCTION

From design, construction and maintenance, our engineering department will work collaboratively with our clients to meet their specific needs.

ASSET MAINTENANCE

Our rapid response/quick turnaround ensures all our clients are provided with a cost-effective solution to ensure their operations continue to run smoothly.

INSPECTION

Full internal and external inspections of tank and gas holder assets with a fully comprehensive report detailing our findings and solutions for future-proofing these assets.

PRINCIPLE CONTRACTOR

As the Principal Contractor, we take charge of the construction phase, ensuring compliance with Health & Safety regulations to guarantee a seamless project from start to finish.

ACCREDITATIONS

CHAS

This accreditation scheme acts as a pre-qualification tool during the tender process. Most clients require a contractor to be CHAS accredited before they allow you to tender.



ACHILLES UVDB

Utilities Vendor Database Service used by leading UK utilities companies. This accreditation entitles businesses to pre-qualify, using one questionnaire to market themselves across the whole industry.



CONSTRUCTIONLINE GOLD

Allows you to meet industry standards, such as PAS 91 and the Common Assessment Standard, elevating your reputation as a trusted supplier.



ISO 9001

Defined as the international standard that specifies requirements for a quality management system (QMS). Organisations use the standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements.



SAFE CONTRACTOR

AnSSIP accreditation that collects and verifies information across health, safety, financial and ethical practices



ECOVADIS

To manage ESG risk and compliance, meet corporate sustainability goals and drive impact at scale by guiding the sustainability performance improvement of your company and your value chain



CYBER ESSENTIALS & CYBER ESSENTIALS PLUS CERTIFICATION





**OUR PURPOSE IS TO HAVE A POSITIVE
IMPACT ON EVERYTHING WE TOUCH.**

**OUR TEAM, OUR CLIENTS,
THE ENVIRONMENT.**

**Promoting safety above all
and considering the total
well-being of our team
and yours.**

THE FUTURE OF STORTEC

As part of our continued commitment to wider social engagement and sustainability STORTEC are actively working towards reducing our carbon impact, proactively reviewing all aspects of our supply.

We are committed to our team, their development and their well-being



**OBTAINING ISO 14001,
45001 & 27001**



CARBON NET ZERO



MIND

INNOVATION

THE TURNKEY SUBCONTRACTOR
DELIVERING THE BIGGER
PACKAGE SOLUTION

OUR LEADERSHIP TEAM



Matt Dickinson
Managing Director



Drew Heavey
Engineering Director



Damian Brown
Construction Director



Dan Jones
Sales Director

CLIENT TESTIMONIALS

"I have had the pleasure of collaborating with STORTEC on multiple projects, and I must say, their swift and professional service has left me extremely satisfied. They excel at ensuring smooth and effortless project execution. Without a doubt, I look forward to working with them on future projects and I wholeheartedly endorse them as a top-notch team."

"STORTEC executed our project professionally and competently - They are our natural 'go to' supplier for equipment in the industry and field we work in."

"You've got a great team out there and are making good progress. I've had plenty of comments from visitors to say how great the tanks are looking."

"I have worked with STORTEC on a number of projects in recent years, the product, site performance and approach was of the highest standard. Their commitment to the project delivery through all the challenges was unrivalled."

CONTACT US



Scan to discover more of the projects that we have completed



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