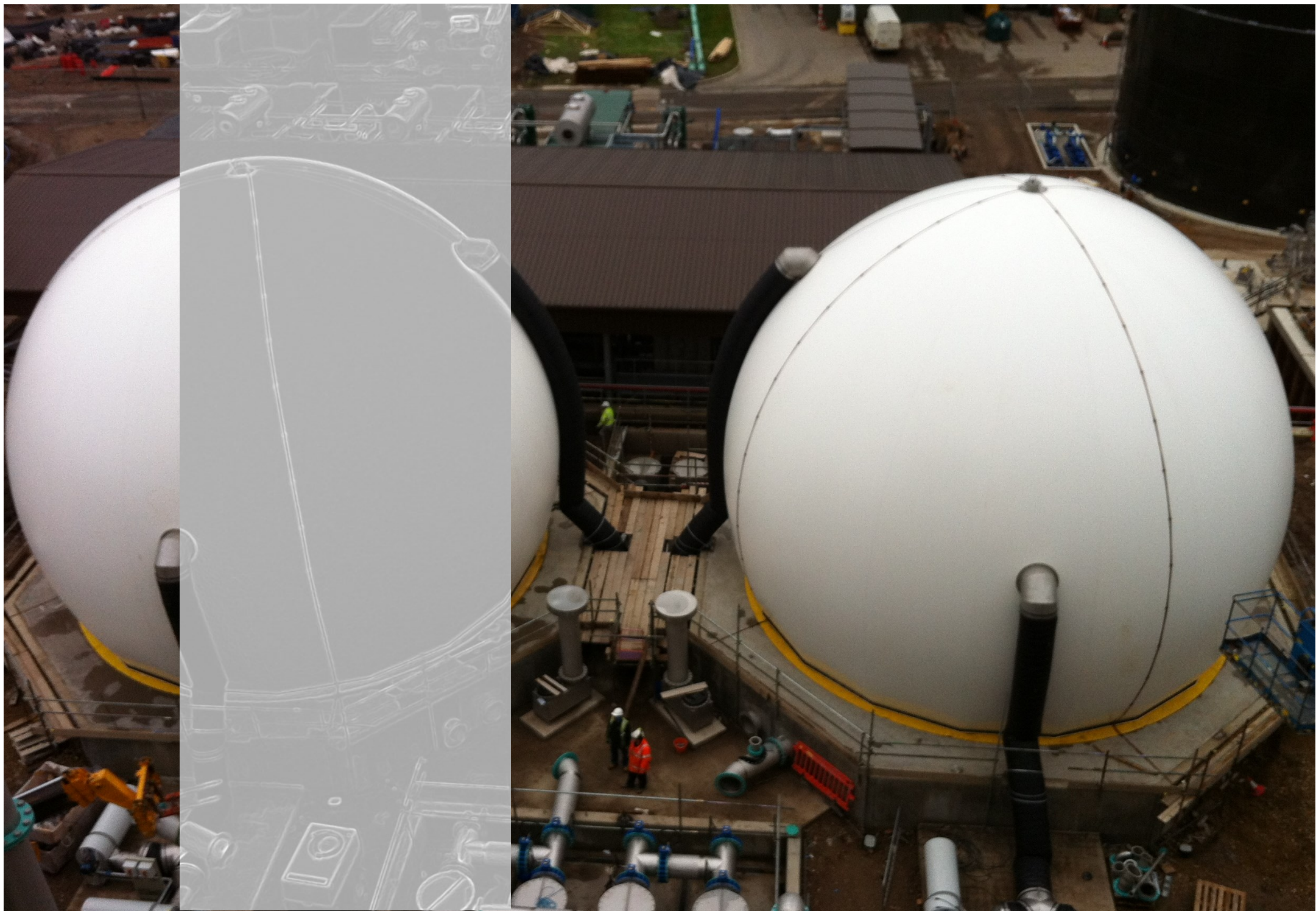




GLOBAL SPECIALIST IN LIQUID & BIOGAS STORAGE











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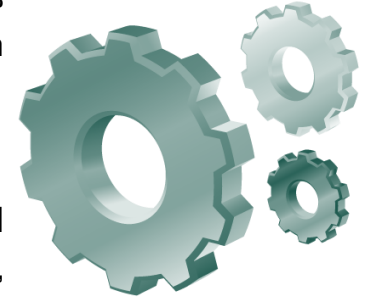
## UNIQUE SOLUTIONS

World leading Double Membrane Gas Holder manufacturer with design, detailing and manufacture carried out in the UK. Each system is specifically designed to suit individual project requirements and installation is completed in only a matter of days by one of our specially trained teams or via our network of distributors throughout Europe, North America and South East Asia.

## PART OF KIRK GROUP

KIRK GROUP is a global specialist in liquid and biogas storage solutions for water, wastewater, anaerobic digestion and biogas infrastructure.

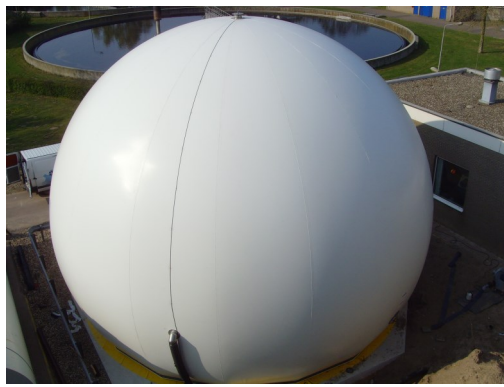
We work in partnership with specialist technology providers throughout the world to construct a range of projects from simple water storage tanks, to complex schemes utilising biowaste for the production of biogas as a renewable energy source.



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**BIODOME® GAS HOLDERS FOR USE IN THE WASTEWATER,  
AGRICULTURAL AND MUNICIPAL GLOBAL BIOGAS MARKET**

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## BIOGAS STORAGE

The industry-leading BIODOME® Double Membrane Gas Holder utilises the highest strength membranes available in the global market, can be designed for a wide range of working gas pressures, storage volumes and gas production rates and can accommodate the requirements of any sewerage, wastewater treatment plant, industrial effluent plant and biogas plant.

It can be supplied as an independent free-standing unit or installed to provide biogas storage mounted to the top of a steel or concrete anaerobic digestion tank; these top mounted installations can be provided to fit an existing tank or as a replacement for failing floating roof systems.

The outer membrane is designed to DIN codes for air supported structures and capable to withstand the internal air pressure as well as extremely dynamic forces from wind or snow. Both the inner and outer membranes have UV protection and have an additional anti-static coating to eliminate the possibility of static being caused by the movement of the membranes during operation.

The high strength of the membrane, together with market-leading design and manufacturing facilities allows us to design and construct the gas holders in standard sizes up to 20,000m<sup>3</sup>, surpassing any other system available. We can also extend the services to optional project ancillaries and steel structures manufactured in-house by our highly trained team to enhance the biogas facility.

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## MANUFACTURING

The BIODOME® Gas Holder is produced in the UK by one of the UK's leading membrane fabrication company: this strategic agreement provides greater controls on quality and testing prior to site installation.

The membrane form is achieved by precisely cutting the textile roll to accurate design patterns; these patterns are based on over 20 years experience of the behaviour of the textile under pressurised conditions, and have become a very specialised shape to ensure even stress distribution throughout the structure.

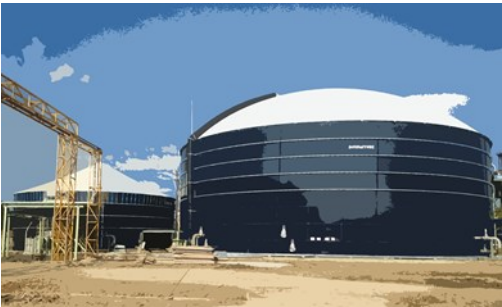
## PROJECT MANAGEMENT

We plan, organise, direct and control all the resources needed to deliver every project on time. From an early date we are keen to attend site and understand the overall objective of the project. Our aim is to work closely with the client and other key suppliers to form a project team that will ensure the interface issues are managed throughout the project implementation thus providing a smooth transition through the varying scope of works.

## CUSTOMER SERVICE

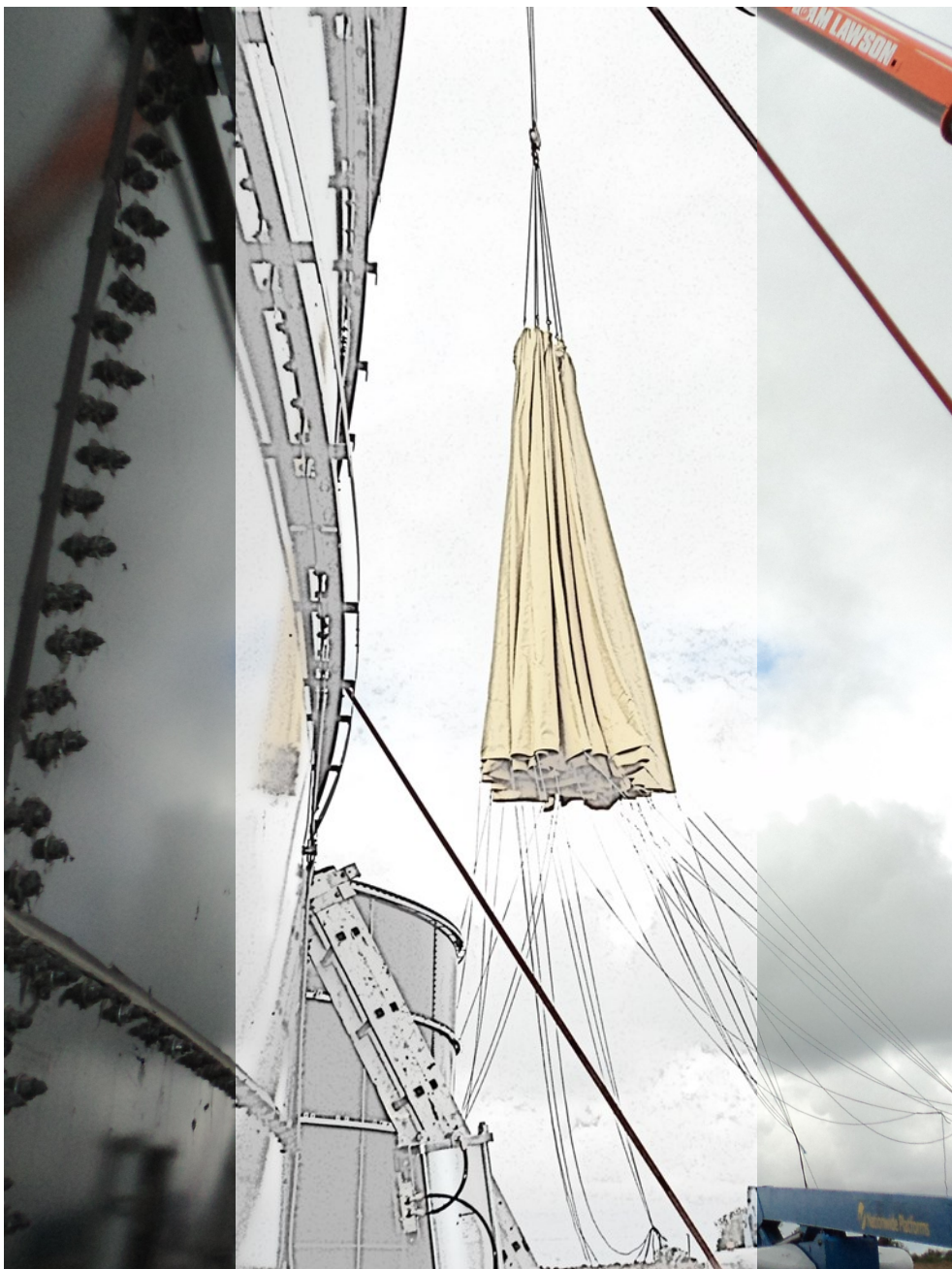
On project completion we provide our clients with knowledge , product advice, training and expert recommendations to assist them with the future running of their plants.

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Biogas  
International  
**ANAEROBIC DIGESTION**  
Maintenance CONSTRUCTION  
Resistance **Biodome**  
RENEWABLE **ENERGY** WASTE WATER  
Project Gas Holder  
KNOWLEDGE **BioEnergy**  
EXPERTISE  
Technology

## WAYS YOU CAN COMMUNICATE WITH US



[enquiries@biodome-international.com](mailto:enquiries@biodome-international.com)



[@biodomeglobal](https://twitter.com/biodomeglobal)



+44 (0) 1282 67796 8





[www.biodome-international.com](http://www.biodome-international.com) • [www.kirk-group.co.uk](http://www.kirk-group.co.uk)  
[enquiries@biodome-international.com](mailto:enquiries@biodome-international.com) • [sales@kirk-group.co.uk](mailto:sales@kirk-group.co.uk)

Valley Forge Business  
Park, Reedyford Road,  
Nelson, Lancashire,  
BB9 8TU, UK

T: +44 (0)1282 677968  
F: +44 (0)1282 696731