

SoluForce®

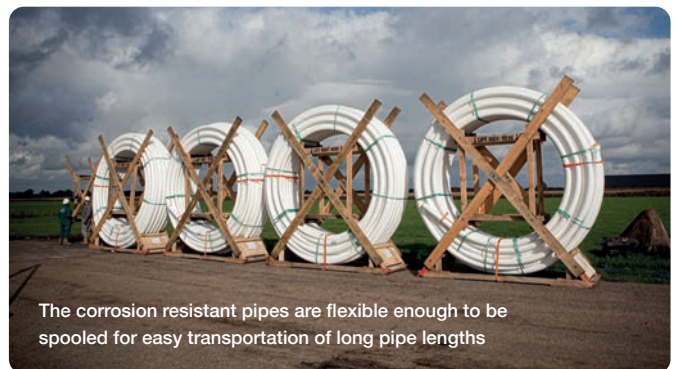
UK green gas production on the rise – SoluForce supports with necessary safe and flexible infrastructure

Gas plays a fundamental role in the UK energy system as a large part is being used for heating commercial or domestic buildings but also for process heating industries. A large potential for decreasing greenhouse emissions is therewith seen in replacing fossils in the gas network with biomethane. SoluForce is glad to be able to support the rising trend of biomethane production with safe, durable and economically viable infrastructure green gas requires.

Biomethane, also known as green gas, can be produced from numerous sources, one of which is anaerobic digestion (AD) using slurry and manure or organic waste (e.g. food or crop). Although the technology of using AD for heating and electrification has been around for quite some time, more and more anaerobic digesters are being built to generate renewable energy while reducing waste (leftover byproduct is used as fertilizer).

A recent biomethane infrastructure project has been realized at a dairy farm in the UK using SoluForce Reinforced Gas Tight Thermoplastic Pipes.

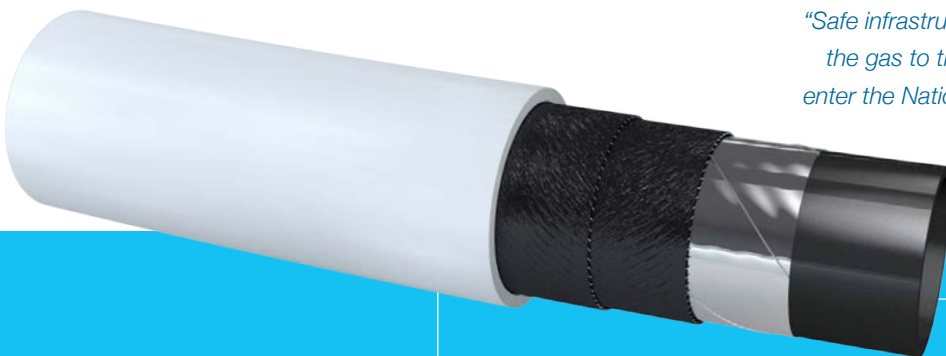
“The UK government would like to incorporate at least 10% biogas in the country’s energy mix. Lots of the farmers are investing in digesters to make use of cow manure and slurry to produce it. However, specially safe infrastructure is needed to collect, enrich, and bring the gas to the right pressure (> 40 bar) so that it can enter the national gas grid (National Transmission System). And this is where we provide a fitting solution”, says Bart van Dijk, Sales Manager at SoluForce.



The corrosion resistant pipes are flexible enough to be spooled for easy transportation of long pipe lengths

“With growing demand and pressure to meet European environmental targets for renewables in electricity, heating but also transport, we see a lot of potential growth in the field of biogas and particularly biomethane. Other than biogas, biomethane is very similar to natural gas, so it can be injected into the gas network or used for fueling transport,” explains Robert-Jan Berg, Managing Director of SoluForce. He continues: “We are glad to be able to support this development toward a greener gas mix by offering safe, economic and long-lasting infrastructure solutions.”

“Safe infrastructure is needed to collect, enrich, and bring the gas to the right pressure (> 40 bar), so that it can enter the National Transmission System. This is where we provide a fitting solution”



Main advantages:

- Gas Tight, no permeation
- Maintenance-free
- Non-metallic fitting system
- SoluForce coils easy to handle in the field

Main advantages compared to steel:

- No corrosion or scaling
- Fully flexible
- Easy and quick to install
- No welding, no hot permits required

For more information on the SoluForce Gas Tight solution go to www.soluforce.com



Durable, corrosion-free solution



Fast installation



Gas Tight



Reusable



Maintenance-free



Design life of up to 50 years



400-metre lengths per coil



Extremely robust



Professional installation training

SoluForce®

SoluForce is the originator of Composite Pipes. Our metalfree pipeline systems and connectors for oil, gas, water, mining and hydrogen are quick to deploy in challenging terrain. They go round corners, up hills, across gullies and under water. With ease. They last up to 50 years, maintenance-free. Plus we offer specialist installation equipment and support, including onsite training. Our customers are cutting their costs in the toughest physical and economic environments on Earth.

Our mission is to revolutionize the way energy is transported, by offering solutions that help cut cost and make operations safe, durable and efficient. Isn't it time you joined the revolution?

SoluForce®

www.soluforce.com

www.linkedin.com/company/soluforce/

info@soluforce.com

Pipelife Nederland B.V.

Flevolaan 7, 1601 MA Enkhuizen

P.O. Box 380, 1600 AJ Enkhuizen

The Netherlands

T +31 (0)228 355 555

F +31 (0)228 355 666

we are wienerberger