Revolutionising the way energy is transported

SoluForce H2T (Hydrogen Tight)

Unique in the world of hydrogen transport and a global first.

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SoluForce®

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The SoluForce FCP has been certified for hydrogen applications up to 42 bar of operating pressure. Unique in the world of hydrogen transport and a global first. Reusable and with a significantly lower CO2 eq. footprint compared to alternatives, this ready to use pipeline solution has a major impact on the feasibility of (green) hydrogen and a sustainable energy mix.

First application of the SoluForce Hydrogen solution will be at Groningen Seaports, where four kilometres (2.5 miles) of SoluForce infrastructure will be installed. This infrastructure will ultimately distribute green hydrogen produced by wind mills in the North sea to companies in the chemical and industrial sectors in the Eemshaven.

The pipe comes with a uniquely manufactured bonded aluminium layer, preventing hydrogen from permeating out of the SoluForce H2T pipe. Resulting in the industries only completely Hydrogen Tight Reinforced Thermoplastic Pipe (or RTP) system. Therefore it eliminates possible health, safety and environmental issues. The pipe is reinforced with aramid fibre, and the inside and outside layers are made of a non-corrosive HDPE. No special treatment is needed, thus reducing installation and maintenance costs.

- Certified for hydrogen applications up to MOP 42 bar/ 609 psi at maximum operating temperature of 65°C
- Based on proven and existing technologies
- The only Flexible Composite Pipe for hydrogen applications available today
- Available in diameters of 4 inch/ 101,6 mm and 6 inch/ 152,4 mm (ND)

Reinforced with synthetic fiber, SoluForce H2T has a MOP of 42 bar/ 609 psi for hydrogen applications. Being fully flexible, it is ideal for even the toughest applications and can be installed anywhere. It is the industries only true permeation tight FCP system.

"Reusable and with a significantly lower CO2 eq. footprint compared to alternatives"

Main advantages:
- **Operating pressure of 42 bar**
- **No permeation**
- **Fully certified**
- **Non-metallic fitting system**

Main advantages compared to steel:
- **Up to 4x lower CO2 eq. footprint**
- **No hydrogen embrittlement or corrosion**
- **Fully flexible**
- **Easy and quick to install**

- Durable, corrosion-free solution
- Fast installation
- No hydrogen embrittlement
- Reusable
- Maintenance-free
- 400-metre lengths per coil
- Extremely robust
- Professional installation training

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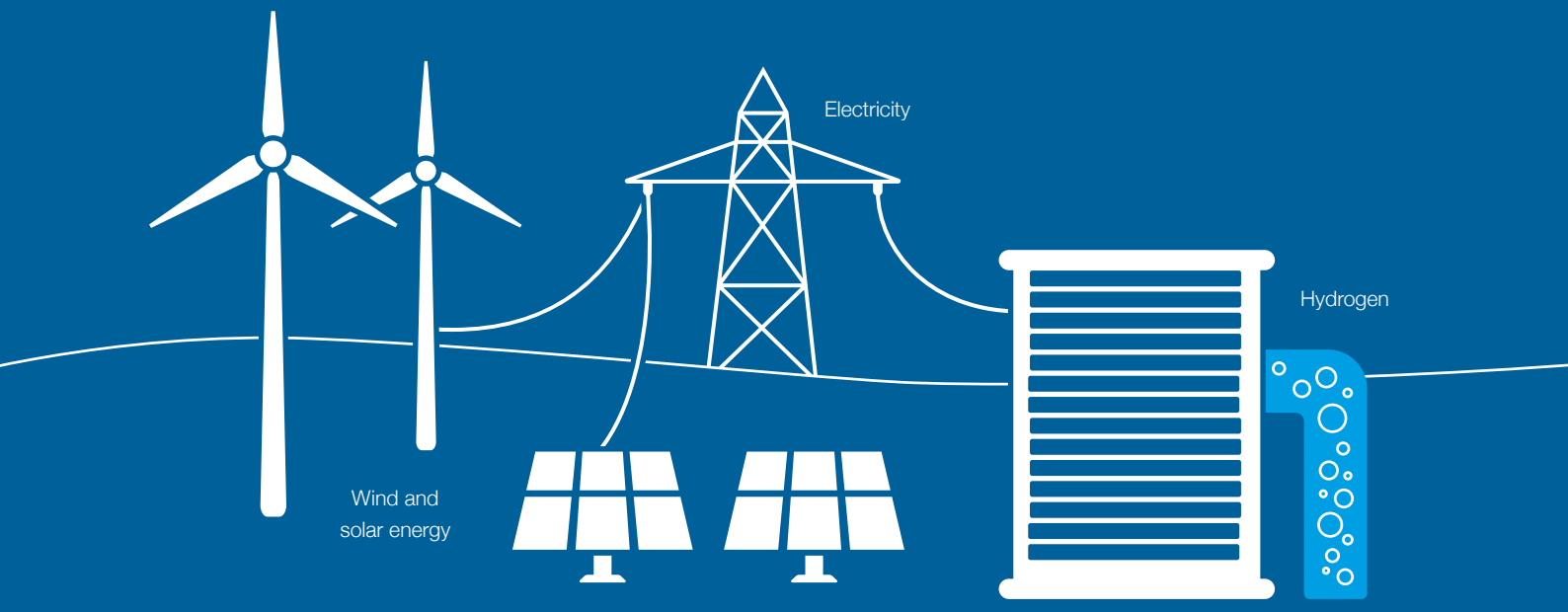
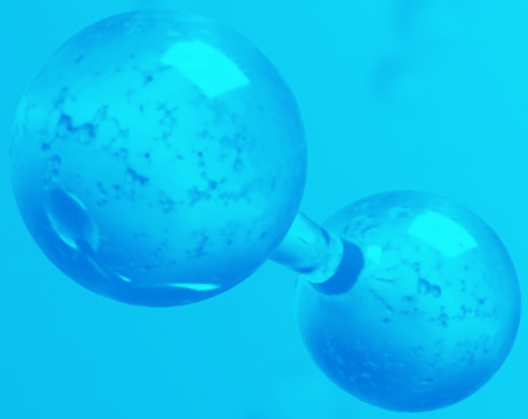
We are in the middle of a major energy transition, requiring cost effective, reliable and safe solutions. Renewable energies are becoming more important and, consequently, the share of renewable energy (i.e. wind, solar) is increasing in order to meet the climate targets. Hydrogen is one of the most versatile energy bearing substances, and will not only play an important role as a decarbonized energy carrier, but it will also provide a buffer function, making renewable energy a more viable solution.

Our mission is to revolutionize the way energy is transported, by offering solutions that help cut cost and make operations safe, durable and efficient. The SoluForce Hydrogen Tight system makes a significant contribution to the future of the hydrogen value chain and will accelerate the energy transition.



REVOLUTIONISING THE WAY ENERGY IS TRANSPORTED

SoluForce® is the originator of Flexible Composite Pipes. Our metalfree pipeline systems and connectors for oil, gas, water and mining are quick to deploy in challeging 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. Isn't it time you joined the revolution?



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