JOURNAL

GoGaS is now a member of the Advisory Panel of the European THyGa Project - Realising fossil-free energy supply of the future!

Reducing gas consumption is the order of the day

The existing gas infrastructure is a decisive factor for energy supply and security of supply, as it can store energy in the long term and with high capacity. Nevertheless, it is important to reduce gas consumption not only for ecological reasons, but also particularly regarding possible supply bottlenecks and even better sustainability. Here, hydrogen additives for gas consumption devices are a solution with great potential. Policy makers in Europe are also increasingly recognising the important role that hydrogen blending with natural gas will play in existing gas networks to achieve decarbonisation goals with minimal impact on consumers. However, there is still a great need for research, for example to ensure the safety of this new technology and to determine the performance of a system with increasing hydrogen concentration.

The European THyGa consortium investigates the potential of hydrogen-natural gas mixtures

The European project THyGA (Testing Hydrogen Admixtures for Gas Appliances) investigates the impact of mixtures of natural gas and hydrogen on end-use applications. The main objective of the project is to enable a broad application of H2NG (hydrogen in natural gas) blends by filling knowledge gaps regarding the technical impact on residential and commercial gas appliances. The resulting

GoGaS Ecothermal Engineering

GoGaS Goch GmbH & Co. KG
Zum Ihnedieck 18
D-44265 Dortmund
Germany

Tel: +49 231 46505 0
Mail: news@gogas.com
Web: www.gogas.com

understanding is to be communicated in an understandable way in the private and commercial sector. Further information on the THyGa project can be found directly at THyGA | Testing Hydrogen admixture for Gas Applications (thyga-project.eu).

The THyGa expert panel develops solutions - GoGaS is on board!

A project consortium will develop and recommend appropriate standards adapted to current needs to address the challenges faced by new and existing devices. GoGaS is now a member of the Advisory Panel of the European THyGa Consortium. As part of the Advisory Panel, GoGaS is involved in essential research projects, including the experimental investigation of gas appliances, and contributes its knowledge and expertise.

The most important project steps at a glance:

- Screening and segmentation of the portfolio of appliance technologies in the residential and commercial sectors.
- Assessing the impact of hydrogen blends on these appliance technologies.
- Testing of residential and commercial gas appliances to create a generic protocol that can be adapted for virtually any appliance
- Development of a validated certification protocol for different H2 contents in natural gas
- Develop recommendations for manufacturers, decision-makers, and end-users along the gas value chain for appliance design, manufacturing, and certification.

GoGaS actively shapes the future of energy supply

As a member of the Advisory Panel of the THyGa Consortium, GoGaS is actively shaping the future as an industry representative and established manufacturer. GoGaS is thus taking the decisive step further.

GoGaS advises with its expertise

When it comes to the development and implementation of state-of-the-art building solutions, GoGaS is considered a pioneer in the field of environmentally friendly and resource-saving technologies. As one of the first international players, the company focused very early on technologies with the lowest possible CO2 emissions and is today one of the leading providers of system solutions that guarantee the highest energy efficiency, enable maximum economic efficiency, benefit from tax advantages, and fulfil the ESG criteria.

GoGaS Goch GmbH & Co. KG
Zum Ihnedieck 18
D-44265 Dortmund
Germany

Tel: +49 231 46505 0
Mail: news@gogas.com
Web: www.gogas.com

GoGaS focuses on sustainable system solutions and economic efficiency

"Our customers deserve the best solutions" is the credo of Dipl. Ing. Heiko Schneider, CEO and managing partner of GoGaS. Early on, the company focused on the importance of a completely regenerative and fossil-free energy supply for commercially used properties.

GoGaS Goch GmbH & Co. KG
Zum Ihnedieck 18
D-44265 Dortmund
Germany

Tel: +49 231 46505 0
Mail: news@gogas.com
Web: www.gogas.com

This is GoGaS

Established in 1946, GoGaS has become a key innovation and technology partner to many customers and Who is Who in their industries, providing sustainable, environment friendly and innovative turnkey solutions for buildings, manufacturing process up to CO2 neutral operation. The unique portfolio includes a wide range of modular and multivalent system and turnkey solutions such as IR, UV, UV-C, Air-condition, Heating, Cooling, Ventilation, Solar Systems, and others for stationary, mobile, and portable in- and outdoor applications driving down CO2 emissions and allowing customers operating their systems and buildings emission free. Solutions also include Solar Air Collectors, Heat Pumps and Hydrogen Burners. The company is active in several standardization committees, defining the next generation of technology standards such as TGA+.

GoGaS is a stakeholder in leading trade associations and initiatives, e.g. the German Engineering Association e.V. (VDMA), figawa, Export Initiative Energy, ELVHIS. As an active partner of the Sustainability Initiative "Blue Competence", GoGaS is also driving the future of environment friendly and energy efficient planning, building, and operating of B2B buildings, thus optimizing its CO2 footprint, and maintaining the highest possible asset valuation, ROI and TCO for investors, owners, operators, and tenants at the same time. The company is also involved in key research programs of the EU and industrial technology partners. GoGaS provides its customers with turnkey solutions, reducing the number of interfaces, eliminating delays in the Supply Chain and project execution and provides a lifetime warranty and support service.

Corporate Video

For more information about GoGaS, klick on the link below and watch our latest corporate Video.

https://www.gogas.com/en/company/corporate-video

GoGaS Goch GmbH & Co. KG
Zum Ihnedick 18
D-44265 Dortmund

T: +49 231 46505 0
F: +49 231 46505 88

news@gogas.com
www.gogas.com