



hydrogen solutions by ngm

What is hydrogen solutions by ngm?



hydrogen solutions by ngm represents a significant advancement in sustainable energy, harnessing the power of hydrogen to offer a cleaner, greener alternative to traditional fossil fuels.

As a leader in the gas metering industry, ngm is committed to pioneering technologies that support the UK's transition to a low-carbon economy.

Our hydrogen solutions encompass everything from hydrogen metering and infrastructure to full-scale industrial applications, ensuring safety, efficiency, and reliability at every step.



Key features



Safety by design

Engineered with the highest safety standards using cutting-edge technology.



Turnkey solutions

End-to-end services including design, construction, commissioning, and maintenance.



Nationwide service

Comprehensive coverage supported by an extensive network and expertise.



Product assurance

Accredited hydrogen metering products designed to meet stringent industry standards.



Who is National Gas Metering?

National Gas Metering manages over 6 million gas assets across the UK, focusing on precision, reliability, and safety in gas metering services.



Experience and expertise



Extensive asset management

Managing millions of domestic, industrial, and commercial installations.



Innovative engineering

State-of-the-art technology for precise measurement and exceptional performance.



Accreditations

Accredited by the Gas Industry Registration Scheme (GIRS).



Our mission and values



Simplicity

Navigating the complex gas industry through clear processes.



Ownership

Fostering pride and accountability in problem-solving.



Progress

Continuously refining processes and adopting new technologies.

Service offerings

hydrogen solutions by ngm caters to a wide range of needs, from individual consumers to large industrial applications.

Key services



Hydrogen pipeline construction and connections

Reliable integration with existing infrastructure using advanced technology.



Virtual network

Scalable and flexible hydrogen delivery without a fixed pipeline.



Metering and measurement systems

Accurate hydrogen measurement for billing and monitoring.



Comprehensive solutions

Custom solutions for industrial and commercial applications.



Managing hydrogen pressure

Safe and consistent hydrogen delivery at required pressures.



Benefits of choosing National Gas Metering



Industry leadership

Pioneers in hydrogen technology with involvement in prominent trials, including the world's first hydrogen-powered commercial kitchen.



Financial stability

Backed by National Gas, providing robust financial support for long-term projects.



Turnkey solutions

Comprehensive services from design to maintenance, reducing project risk.



Expert consultancy

Tailored solutions with detailed assessments and strategic planning for optimized performance.



Case Study — The ‘world’s first’ hydrogen-powered commercial kitchen

Overview

ngm developed the world’s first working industrial kitchen prototype powered entirely by hydrogen at Tyseley Energy Park. This facility demonstrates hydrogen’s practical application in commercial settings, paving the way for broader adoption.

Key achievements



Environmental impact

Reducing CO₂ emissions from commercial kitchens.



Safety and efficiency

Operates safely without compromising food quality.



Community engagement

Partnering to provide meals for those in need while testing hydrogen-powered appliances.



Industry collaboration

Ensuring the highest standards of safety and performance with industry partners.



Future plans



Expanding reach

Workshops, seminars, and thought leadership initiatives to promote hydrogen technology.



Sustainability goals

Exploring green hydrogen sources to support ongoing decarbonization efforts.



Hydrogen kitchen features



State-of-the-art facility

A groundbreaking hydrogen-powered kitchen designed to replicate the demands of commercial kitchens.



Safety and efficiency

Extensive safety measures integrated to ensure safe operation without compromising quality.



Innovative testing facility

Supports the development of hydrogen-related assets and future infrastructure.



Community engagement

Collaborates to provide meals during testing, benefiting the community.



Environmental impact

Significantly reduces CO₂ emissions, setting a new standard for sustainability.



Educational platform

A showcase for stakeholders, demonstrating the practical application and safety of hydrogen technology.



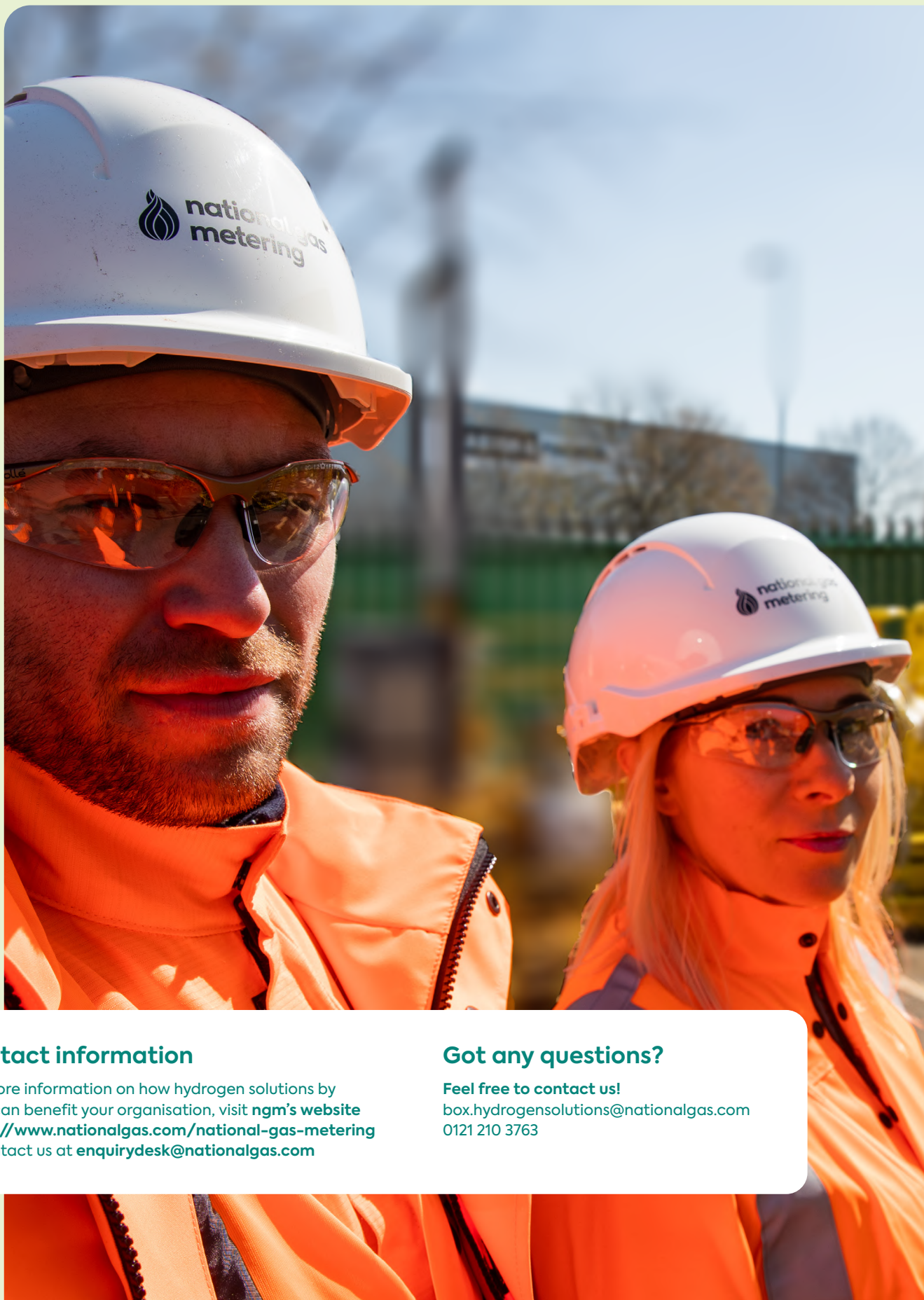
Strategic partnerships

Developed with leading industry partners, ensuring the highest standards of safety and performance.



Future expansion

The hydrogen kitchen serves as a model for future projects, with plans for wider industry rollout.



Contact information

For more information on how hydrogen solutions by ngm can benefit your organisation, visit **ngm's website** <https://www.nationalgas.com/national-gas-metering> or contact us at enquirydesk@nationalgas.com

Got any questions?

Feel free to contact us!
box.hydrogensolutions@nationalgas.com
0121 210 3763