



Technical Association of the European Gas Industry

ACTIVITIES OF THE ASSOCIATION

YEARS 2021 & 2022

Manuel Coxe, Secretary General

57th CIML Meeting, 18 – 20 OCTOBER 2022



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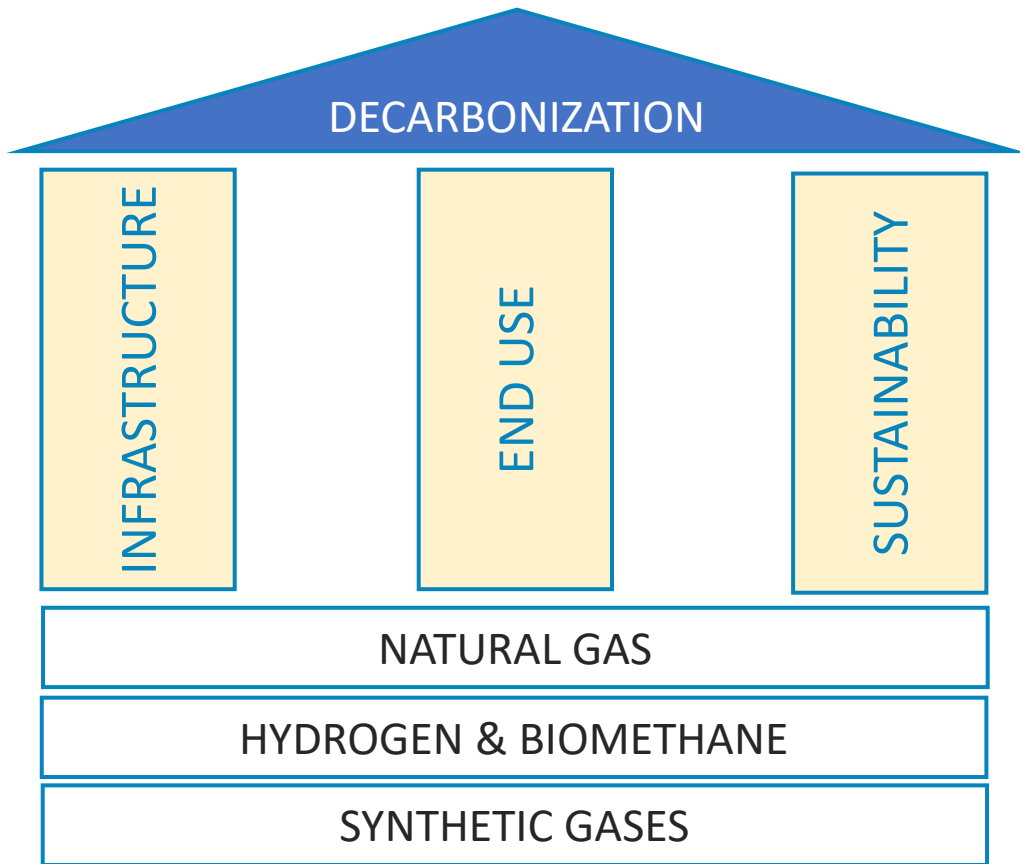
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1. About MARCOGAZ

MARCOGAZ is the **technical** association of the European gas industry



1.1 Leadership



Liam NOLAN
President

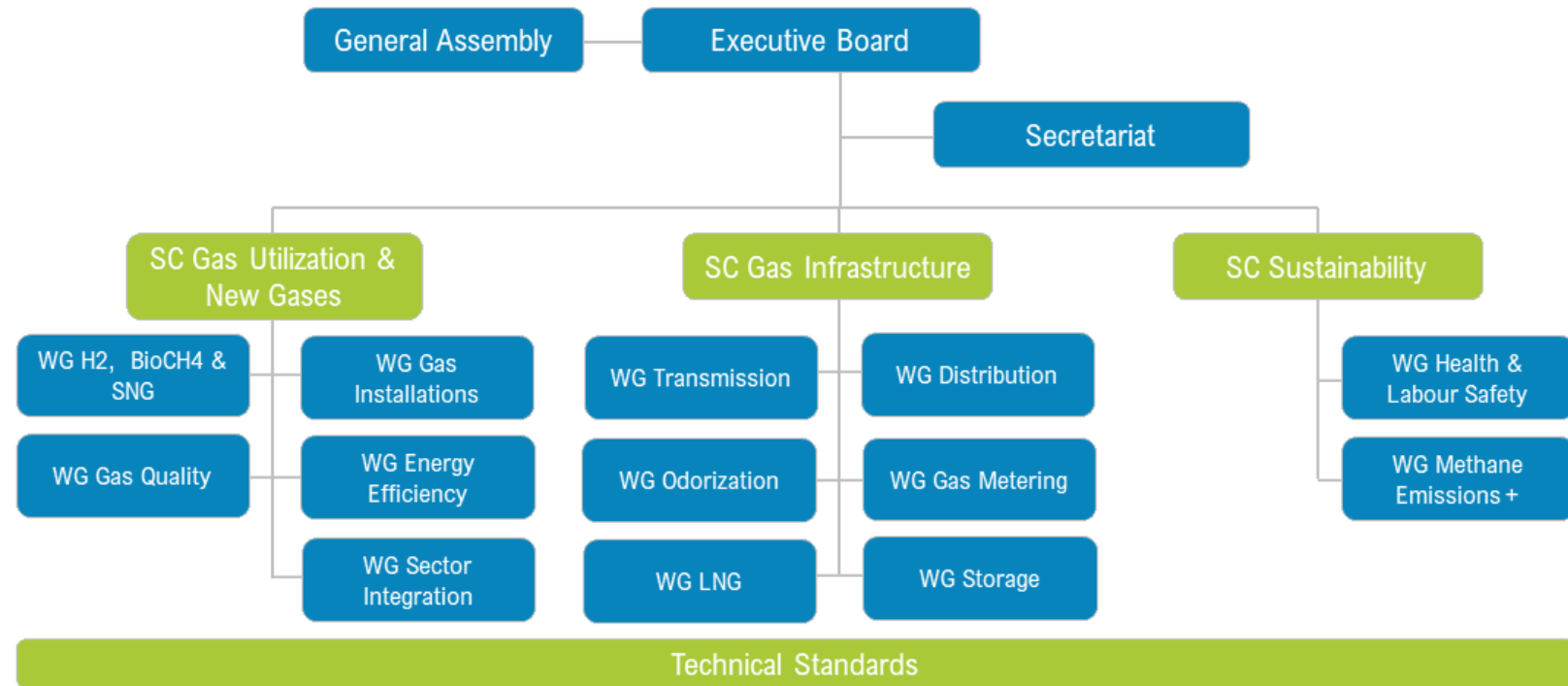


Alexander SCHWANZER
Vice-President



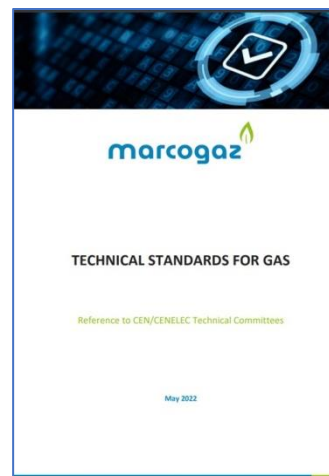
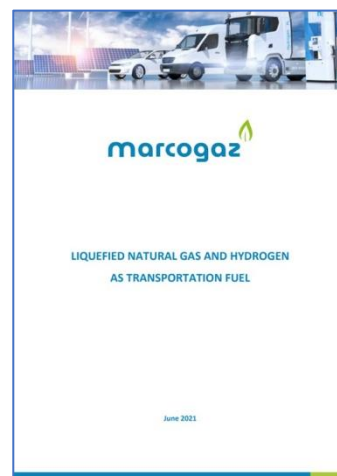
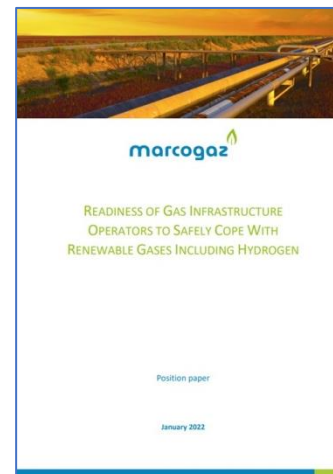
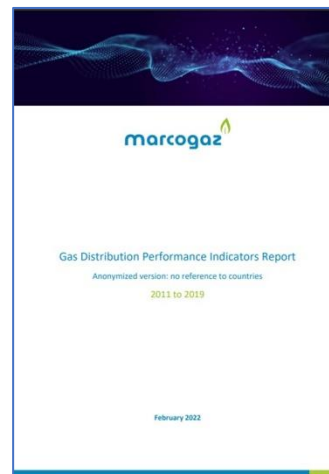
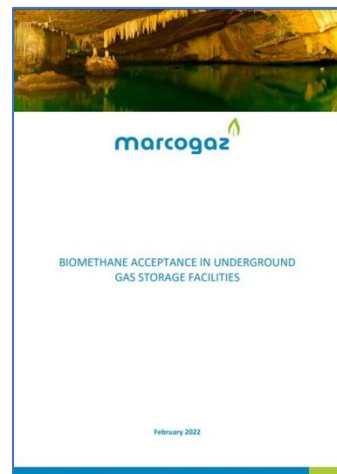
Manuel COXE
Secretary General

ORGANISATION
NEW FOCUS ON
NEW GASES,
SECTOR
INTEGRATION
&
ENERGY EFFICIENCY



OUR WORK

Technical
assessment of the
midstream &
downstream gas
systems and gas
utilization



INDUSTRY

POLICY
MAKERS

2. Activities in 2021 & 2022

- 🔥 Responding to the growing need for affordable and clean energy, MARCOGAZ established one new Standing Committee dedicated to new gases, including hydrogen, biomethane, synthetic gas and other low-carbon gases. Two new Working Groups that carry out technical studies on sector integration and on energy efficiency were established as well.
- 🔥 As the technical reference association of the European gas sector, MARCOGAZ actively participates in different high-level discussions, including the European Gas Regulatory Forum (Madrid Forum), European Energy Infrastructure Forum (Copenhagen Forum), different Task Forces of the European Commission, the European Commission Clean Hydrogen Partnership and the European Commission.
- 🔥 Clean Hydrogen Alliance, along with the revision of standards related to the gas sector and the technical research on standards to accommodate higher levels of new gases in the gas infrastructure.

2. Activities in 2021 & 2022 (cont.)

- 🔥 We are equally proud to be expanding our cooperation with the organizations within the United Nations (UN), providing technical expertise and know-how on the mitigation and reduction of methane emissions and on the take-up of hydrogen.
- 🔥 MARCOGAZ will continue to deliver on technical insight while increasing its visibility and credibility. Taking this into due consideration, MARCOGAZ has created an internal body for sharing technical information among all members and has developed different channels of communication, encompassing various tools such as digital media campaigns, news production and the MARCOGAZ Tech Forum – a series of webinars bringing together gas industry experts and interested stakeholders.
- 🔥 MARCOGAZ cherishes the unique work that has been performed over the course of 2021 and 2022 with the invaluable contribution of members and partners, particularly in terms of their major efforts to reduce methane emissions and to develop new gases technologies. By continuously sharing technical knowledge and expertise with all partners, we are looking forward to successfully implementing the adopted strategy, with our eyes set on the decarbonisation of the gas system.

3. Main sectors of Activities in 2021 & 2022

3.1. Gas Infrastructure

- 🔥 The Standing Committee Gas Infrastructure (SCGI) covers the technical assessment of all gas systems and equipment, namely all types of assets that are operated by the gas industry to deliver gas to customers in safe conditions.
- 🔥 The scope of the SCGI encompasses the whole life cycle of gas installations, from the design and engineering phase, until their decommissioning after decades of service.
- 🔥 The Committee addresses subjects where third-party activities could have a potential impact on the safety and integrity of the gas network. The SCGI also works towards ensuring that the gas network has minimal impact on its neighbourhoods and surroundings.
- 🔥 The SCGI monitors and actively contributes to standardisation activities related to gas infrastructure. The CEN Technical Committee Gas Infrastructure (CEN/TC234) and its sub-groups is of particular importance for the SCGI's work as it guarantees that the European gas network is operated with the latest techniques and practices throughout the whole midstream and downstream value chain.
- 🔥 The Committee leads and coordinates the activities to assess the technical acceptance of new gases (hydrogen, biogas, syngas, etc.) in the networks and supports the European Commission's energy transition ambitions.

3.1.1. New Chair of Working Group Gas Metering

- 🔥 **Measuring gas** is crucial in many ways for end-users, industry, and the economy as it contributes to a fairer market with increased competition. Overall, metering activity supports gas balancing in transmission systems. Operational constraints must be taken into account to avoid malfunction in the metering activities and to ensure that the meter does not block the gas flow in case of failure. To that purpose, regular maintenance of the meters is required.
- 🔥 With more than 20 years of experience in the gas sector, **Frédéric Vulovic** is now the new Chair of the **Working Group Gas Metering**. He is Quality Manager for the certified repair and legal metrology activities of the fiscal instruments within GRTgaz. Frédéric Vulovic is also consultant in metering, metrology, odourisation and gas quality control for GRTgaz, as well as Key Expert in gas measurement.



3.1.2. Latest activities of our Working Group Gas Metering

- 🔥 New industry projects, developments by national metrological institutions and country specific initiatives being developed.
- 🔥 Following CEN/TC 237 – Use of conventional meters for non-conventional gases. Gathering information about the list of gas metering standards that need to be revised.
- 🔥 Internally working on a questionnaire on measurement of nonconventional gases.
- 🔥 Work was being carried out to measure energy at each customer or metering point with an accuracy that fulfills the OIML R140 requirements.
- 🔥 Participation in NewGasMet project The NewgasMet consortium will provide recommendations for all CEN TC237 and OIML TC8/SC7 gas meter standards for showing MID (European Measuring Instruments Directive) conformity when using non-conventional gases. The recommendations will cover hydrogen injection in natural gas (10, 20 and 30% H₂), 100 % H₂, biomethane, clean biogas and syngas. Investigation of effect of various mixtures injection location in grid exit points.



3.2. End Use of Gas

- 🔥 The Standing Committee Gas Utilisation (SCGU) fosters the use of renewable energy through power to gas and use of efficient gas appliances while ensuring that they continue to play a key role in the decarbonisation of the EU energy sector.
- 🔥 The SCGU provides the EU authorities with technical expertise and views on different regulations that have an impact on the coupling of electricity and gas sectors and on the use of gas, including the Energy Labelling Directive or the Eco-design Directive, among others.
- 🔥 The Committee deals with the coupling of the energy sectors such as heating, cooling and transport industries as well as with the power generation sector through smart infrastructure, increasing the penetration of renewable energy and thus decarbonising the economy. In particular, it develops synergies with other sectors to support the development and use of hybrid systems.

3.3. Sustainability

- 🔥 The Standing Committee Sustainability (SCS) is responsible for addressing and delivering on cross-cutting topics on the sustainability of the gas supply chain. The Committee covers subjects that have or could have an impact on safety, wellbeing, climate and the environment while anticipating and identifying key challenges in the field of sustainability.
- 🔥 The SCS integrates the acceptance of new gases in its work plan and develops contents, taking into account how these gases will impact the sustainability of the network.
- 🔥 The SCS collects industry data and views related to environment, health and safety as well as data regarding the emission of methane and new gases, with a view to supporting studies and policy proposals, and thus contributing to tackling sustainability challenges which may affect installations and operations of gas supply and utilisation.
- 🔥 The SCS has been very active in the field of emissions, particularly in methane emissions. The Committee also contributes to the Industrial Emissions Directive Article 13 Forum and actively supports the development and review of best reference available techniques related to the gas sector.

4. NETWORKS & LIAISONS

COOPERATION WITH
EU BODIES,
INTERNATIONAL
ORGANIZATIONS &
INDUSTRY
ASSOCIATIONS IS
STRONGER THAN
EVER



International
Organization for
Standardization



Organisation Internationale de
Métrologie Légale
International Organization of
Legal Metrology



5. BENEFITS FOR MEMBERS



Share of
Knowledge

Influence
policy-making

Participate &
Represent

Position the
industry

Communicate

Network



marcogaz

Technical Association of the European Gas Industry

Thank you!

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