



TECHNICAL ASSOCIATION
OF THE EUROPEAN GAS INDUSTRY



Annual Report 2024-2025

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ABOUT MARCOGAZ

Founded in 1968, MARCOGAZ is the technical association of the European gas industry. It represents 30 member organisations from 21 countries. Its mission encompasses monitoring and policy advisory activities related to European technical regulation, standardisation and certification with respect to the safety and integrity of gas systems and equipment, rational use of energy as well as environment, health and safety issues. It is registered in Brussels under number BE0877 785 464.

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Messages from MARCOGAZ Leadership



Alexander Schwanzer
MARCOGAZ President

The period 2024–2025 underlined the importance of clear technical direction at a time of profound change for Europe's energy system. As policy frameworks evolve, MARCOGAZ has remained focused on its strategic role: providing trusted, evidence-based technical insight that supports safe, affordable, and sustainable energy pathways.

Drawing on the collective expertise of its 30 member organisations across 21 European countries, MARCOGAZ has continued to contribute constructively to debates on decarbonisation, infrastructure evolution, and the integration of new gases. The Association's work demonstrates that pragmatic solutions, grounded in operational experience, are essential to achieving long-term climate objectives.

I would like to thank our members, experts, and Secretariat for their continued commitment. Together, they ensure that MARCOGAZ remains a credible technical reference and a reliable partner in shaping Europe's energy future.

During 2024 and 2025, MARCOGAZ once again demonstrated the strength of a technical approach built on cooperation, rigour, and shared experience. As gas systems adapt to new requirements and new gases, technical clarity remains essential to maintain safety, reliability, and confidence across Europe.

MARCOGAZ's expert network plays a key role in addressing complex challenges that cut across infrastructure, sustainability, and system operation. By bringing together perspectives from different national contexts and technical disciplines, the Association helps transform complexity into coherent and credible technical insight.

This collective expertise strengthens dialogue with institutions and standardisation bodies and reinforces trust in the solutions proposed. Preserving this technical depth and credibility will remain central to MARCOGAZ's contribution as Europe's energy system continues to evolve.



Diego Modolell
MARCOGAZ Vice-President

The period 2024–2025 was marked by sustained delivery across all areas of MARCOGAZ's work. Over these two years, the Association published 15 technical studies and reports, alongside two position papers/joint statements and two formal responses to European Commission consultations, addressing key topics such as methane emissions, renewable gases, safety, gas quality, and building decarbonisation.

Beyond publications, MARCOGAZ maintained active engagement with European institutions, standardisation bodies, and partners, while strengthening communication and access to its technical output. Events and technical forums further supported knowledge exchange and dialogue across the sector.

This work is made possible by the continued engagement of MARCOGAZ's members and experts. Their commitment enables MARCOGAZ to operate efficiently and to deliver consistent, high-quality technical contributions in support of Europe's evolving energy landscape.



Manuel Coxe
MARCOGAZ Secretary General



2. About MARCOGAZ

Founded in 1968, MARCOGAZ – the European Technical Association for the Gas Industry – represents the gas sector's technical expertise in Europe.

The Association brings together operators and national and international associations active in natural gas and renewable and low-carbon gaseous fuels, covering midstream, downstream, and end-use activities, to exchange expertise and develop common approaches addressing safety, efficiency, environmental performance, and occupational health and safety across Europe.

Through its 30 member organisations across 21 European countries, MARCOGAZ connects a wide network of experts representing transmission, distribution, utilisation, and research activities. The Association acts as a recognised interlocutor between industry stakeholders, technical standardisation bodies, and European institutions, and is formally recognised as a technical reference organisation by European institutions and standardisation bodies.

Vision

MARCOGAZ is the reference association of the gas industry for technical assessment in the midstream and downstream gas systems. We deliver factual insights, used as the basis for establishing trusted regulations, standardisation and legislation in Europe.

We are the trustful and reliable partner for gas technical assignments. We work together with stakeholders and authorities to jointly contribute to reducing greenhouse gas emissions for the energy sector and ensuring reliable, affordable and sustainable energy.



Mission

MARCOGAZ provides gas system technical insights on gas supply, midstream and downstream infrastructure, storage, gas utilisation, gas quality, metering, safety and methane emissions. It works in natural gas and new gases including hydrogen, biomethane and low-carbon gases as well as the sector integration in Europe.

We monitor and advise on European technical regulation, standardisation and certification concerning sustainability, safety and integrity aspects of gas systems and energy efficiency.

We serve the interest of our members, sharing pertinent technical information to support the development of the gas industry and policy making in Europe.

3. Internal Organisation

The internal organisation of MARCOGAZ is designed to ensure transparency, efficiency, and effective coordination between its governing bodies, members, and technical experts. The Association operates under a structure that reflects both its long-standing heritage and its adaptation to the evolving energy landscape in Europe.

3.1. General Assembly

The General Assembly is the highest decision-making body of MARCOGAZ, bringing together all members to deliberate on strategic, organisational, and financial matters of the Association. Each member organisation is represented and has voting rights as defined in the MARCOGAZ Statutes.

The General Assembly met on 17 June 2024, 18 June 2025 and 17 September 2025, gathering representatives from across Europe to review the Association's activities, approve the accounts, and discuss the priorities for the next reporting period. During the 2024 meeting, Alexander Schwanzer was elected as President and Diego Modolell as Vice-President, succeeding the previous leadership team.

The Assembly continues to serve as the key forum where members collectively define the direction of MARCOGAZ's technical work, approve strategic initiatives, and endorse policy positions proposed by the Executive Board.

3.2. Executive Board

The Executive Board oversees the administration and strategic direction of MARCOGAZ under the authority of the General Assembly. It ensures the implementation of agreed policies, supervises technical activities, and maintains coherence across the Association's work.

As defined in the 2025 Statutes, the Executive Board is composed of one representative from each Charter Member, with the President and Vice-President serving as representatives of their respective organisations. The Secretary General acts as Executive Officer, coordinating daily operations through the Secretariat.

Meeting at least twice a year, the Board's main duties include guiding MARCOGAZ's policy and technical priorities, approving new memberships and deliverables, and ensuring the efficient use of resources.



3.3. Membership

Membership remains the foundation of MARCOGAZ's strength, representing the collective technical knowledge and experience of Europe's gas sector. Through its 30 member organisations across 21 European countries, MARCOGAZ unites national gas industry associations, gas transmission and distribution operators, and research institutions that share a commitment to safety, innovation, and the energy transition.

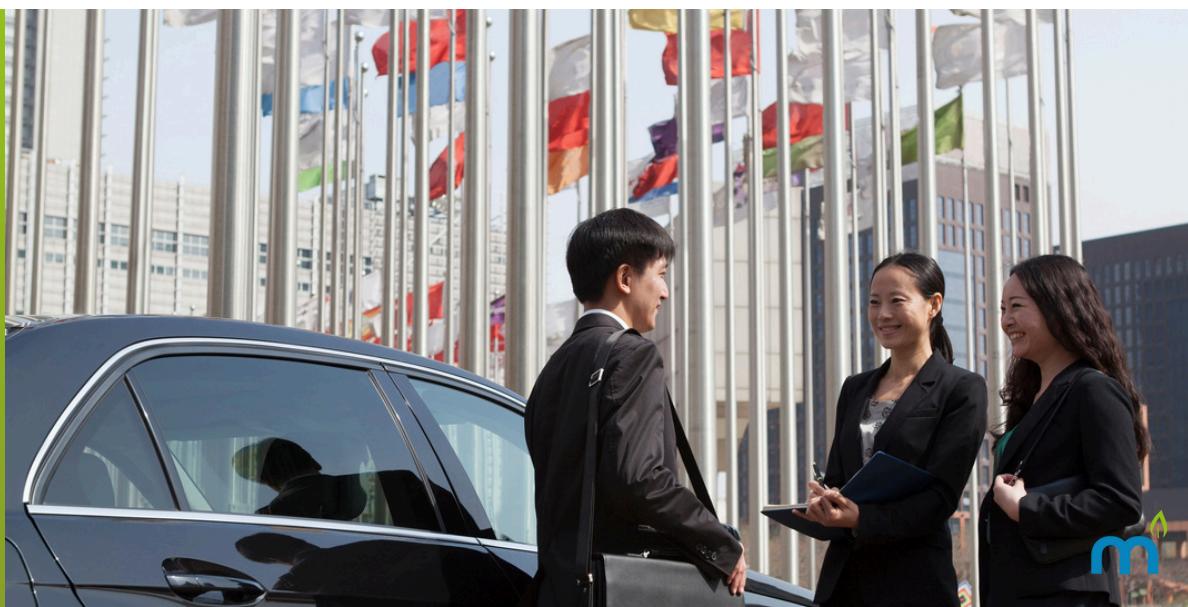
MARCOGAZ's members play an active role in shaping the Association's technical and strategic direction. Their expertise forms the basis of MARCOGAZ's studies, position papers, and responses to European policy initiatives, ensuring that the Association's work remains rooted in practical experience and shared technical understanding.

3.3.1. Benefits of Membership

Membership in MARCOGAZ offers organisations a direct connection to Europe's leading network of gas experts and technical stakeholders. It provides access to practical knowledge, technical policy insight, and collaboration opportunities that strengthen members' capacity to respond to the energy transition. Through their participation, members contribute to and benefit from:

- Technical studies and reports developed by MARCOGAZ's Technical Groups. These cover key areas such as technical aspects of the existing infrastructure, hydrogen and biomethane integration, gas quality, metering, safety, and methane-emission reduction; helping members stay informed and prepared for upcoming regulatory and technological developments.
- An active role in MARCOGAZ's dialogue with European institutions and standardisation bodies. This technical engagement provides both visibility and influence in shaping Europe's energy framework.
- In addition, MARCOGAZ creates a unique collaborative environment where national associations, system operators, and research organisations work together. Members exchange experience, share best practices, and contribute to joint initiatives that support a safe, sustainable, and efficient gas system.
- MARCOGAZ further supports its members through communication and information tools, offering timely updates on policy changes, consultations, and technical developments, as well as access to reference materials and publications through its external and internal platforms.

In essence, MARCOGAZ membership allows organisations to stay informed, engaged, and represented; combining technical collaboration, visibility, and influence at the heart of Europe's evolving energy landscape.



3.3.2. Types of Membership

MARCOGAZ brings together a broad spectrum of organisations active in the European gas sector through three categories of membership, as defined in its Statutes.

1 Category A – Charter Members

Charter Members represent the gas industry at national level within MARCOGAZ. Membership in this category is open to a National Gas Association; two or more small National Gas Associations jointly represented; a large Gas Company; or two or more small Gas Companies jointly represented. Charter Members play a central role in shaping the strategic orientation of the Association and supporting the development of MARCOGAZ's technical work and outputs through national expertise and coordination.

2 Category B – Corporate Members

Corporate Members include Small National Gas Associations and small Gas Companies active in natural gas and renewable and low-carbon gases. They support the development of MARCOGAZ's technical work, assessments, and guidance by contributing operational experience, participating in technical exchanges, and engaging in related publications.

3 Category C – Associated Members

Associated Members comprise European or international organisations and associations with an interest in the evolution of the gas sector, as well as manufacturers of gas equipment. They support MARCOGAZ's technical studies by providing specialist knowledge, international perspectives, and input from the wider energy, industrial, and standardisation communities.

3.3.3. Our Members

As of 2025, MARCOGAZ counts 30 members representing 21 European countries, including several EU-level organisations headquartered in Brussels. Together, they form a diverse community of national associations, system operators and research organisations that contribute to the safe and sustainable development of the gas sector in Europe.

These members collectively represent the technical backbone of the European gas industry, ensuring wide geographical coverage and a strong link between national expertise and European collaboration.



3.4. Structure

The organisational structure of MARCOGAZ ensures efficient coordination between its governing bodies, Secretariat, and Technical Groups. It enables a smooth flow of information and decision-making from strategic discussions at the General Assembly to the development of technical deliverables within the Technical Groups.

At the institutional level, MARCOGAZ is governed by the General Assembly, which defines the Association's strategic direction, and the Executive Board, which oversees its implementation. The technical expertise of MARCOGAZ is developed through seven Technical Groups: four focusing on specific areas of the gas value chain (G1, G2, G3, G4) and three covering transversal topics (G5, G6, G7). Together, they represent the operational core of the Association, addressing technical, regulatory, and safety topics that contribute to the decarbonisation and modernisation of Europe's gas systems.



3.5. Secretariat

The Secretariat, based in Brussels, ensures the effective coordination and implementation of MARCOGAZ's activities. It supports the Association's governance and technical bodies, including the General Assembly, the Executive Board, the Technical Coordination Committee, and the Technical Groups, and ensures the smooth delivery of MARCOGAZ's activities, including its representation before EU institutions and stakeholders.

Its responsibilities include implementing the decisions of the General Assembly and the Executive Board, preparing meetings and documentation, managing communications and publications, and facilitating cooperation with members and external partners. The Secretariat also oversees event organisation, coordinates input to European consultations, follows regulatory and standardisation developments, and maintains coherence across the Association's strategic and technical work.

Through these functions, the Secretariat ensures efficient operations, represents its members at the European level, and delivers consistent contributions to energy policy and standardisation.

3.5.1. Marcostat

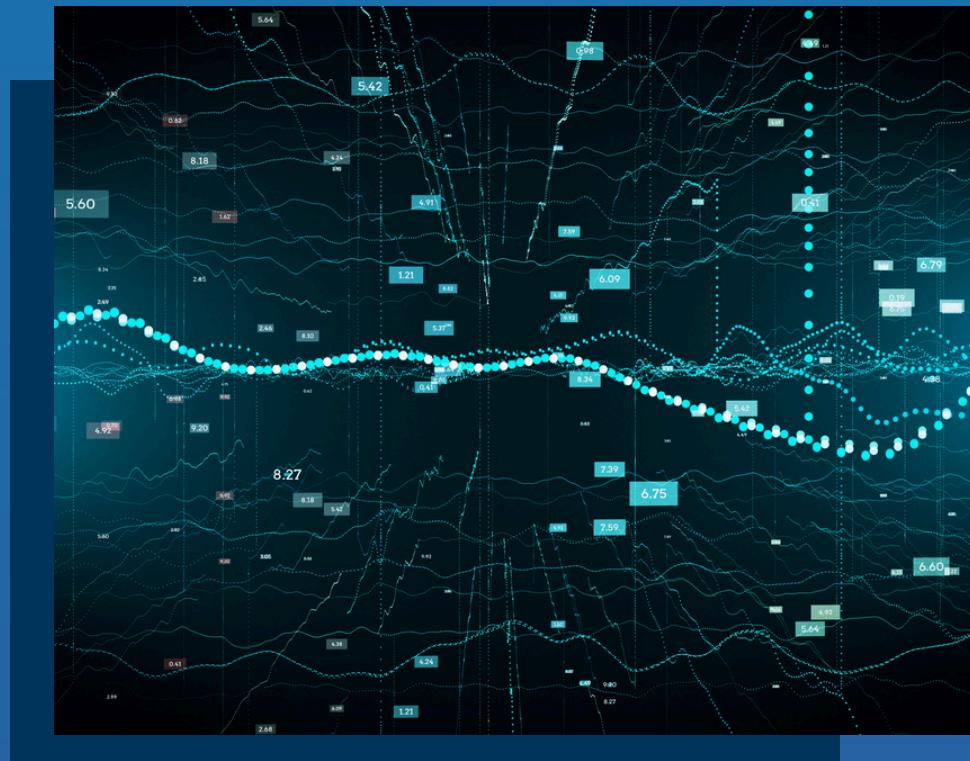
The Marcostat Forum provides a coordinated platform for data management and exchange across MARCOGAZ's network. There is a contact person designated per country who collaborates with the Secretariat to provide timely and accurate information that supports technical studies and publications.

The Forum strengthens MARCOGAZ's analytical capacity by improving data consistency and ensuring that Technical Groups have access to relevant and up-to-date information. It promotes dialogue on data collection practices, enabling greater transparency and comparability across national contexts.

3.5.2. Technical Standardisation Forum

The Technical Standardisation Forum coordinates MARCOGAZ's participation in European and international standardisation activities. It serves as a platform connecting MARCOGAZ experts who serve as liaisons between MARCOGAZ technical Groups and counterpart groups in CEN and ISO.

The Forum brings together representatives from the Association's technical fields to exchange information, align national and European positions, and contribute to the development of new or revised standards. By maintaining close cooperation with standardisation bodies, MARCOGAZ helps ensure that its members' expertise provides insightful information to CEN and ISO, while also keeping members informed about the evolution of technical standards across the gas sector.



4. Technical Structure and Expert Groups

The technical work of MARCOGAZ is organised through seven specialised Technical Groups, coordinated by the Technical Coordination Committee (TCC). Together, these groups provide the technical foundation for the Association's studies, publications, and policy input. Each group brings together experts from member organisations to address specific topics across the gas value chain—from supply and transmission to usage, metering, and safety.

Through this structure, MARCOGAZ ensures that its technical expertise remains comprehensive, coherent, and responsive to the evolving needs of the European energy system.

4.1. Technical Coordination Committee (TCC)

The Technical Coordination Committee (TCC) ensures strategic alignment across all MARCOGAZ Technical Groups and acts as the link between the Association's technical work and its policy direction.

Chaired by the Vice President of MARCOGAZ, the TCC brings together the chairs and vice-chairs of all Technical Groups, along with the Secretary General and the President. It meets regularly to review ongoing activities, promote collaboration between groups, and ensure quality, consistency, and alignment of technical activities with the priorities of the Association.

The TCC coordinates the overall technical work programme, ensures coherence between the outputs of different Technical Groups, and facilitates cross-cutting collaboration on topics such as hydrogen, biomethane, methane emissions, and safety. By maintaining close coordination between MARCOGAZ's governance and its expert network, the TCC safeguards the technical integrity and impact of the Association's work.

The seven Technical Groups form the operational core of MARCOGAZ's technical work. Groups G1 to G4 address specific parts of the gas value chain, while G5 to G7 focus on transversal issues that affect the sector more broadly. Together, they exchange knowledge, develop studies, technical assessments, position papers, and guidance documents that support safe, efficient, and sustainable gas operations across Europe.



4.2. Technical Groups (G1–G7)

4.2.1. Gas Supply & Carbon Capture (G1)

Chair: Andrzej Zero

Vice-Chair: Frank Graf

Group 1 focuses on supply-side activities, including LNG, renewable and synthetic gases and Carbon Capture activities. The group addresses technical and regulatory issues related to the provision of liquefied gases, such as LNG and LH₂, the production and integration of non-conventional gases, and carbon capture methods and strategies to aid system decarbonisation.



4.2.2. Midstream Gas System (G2)

Chair: Frank Graf

Vice-Chair: Menno van Os

Group 2 deals with midstream infrastructure and its integrity. Its work covers pipeline operation, pressure management, gas storage, LNG terminals, and the adaptation of midstream networks for renewable and low-carbon gases. The group supports safety and reliability in gas transport and storage and contributes to the development of the midstream infrastructure towards decarbonisation.

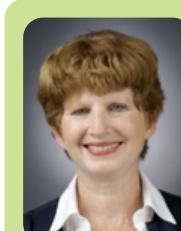


4.2.3. Downstream Gas System (G3)

Chair: Liliane Wietzerbin

Vice-Chair: Joaquim Moreira

Group 3 focuses on distribution networks, gas delivery systems, aiming to ensure the safe and robust performance of the grid. The group's work includes activities on third party damages, evolution of gas grids, and the integration of decentralised energy solutions. It also contributes to harmonised safety and operational standards across Europe's distribution systems.



4.2.4. Gas Usage (G4)

Chair: Kris de Wit

Vice-Chair: Patrick Milin

Group 4 deals with the efficient and sustainable use of gas in buildings and industry. It develops guidance on appliance adaptation, energy efficiency, and the integration of renewable gases in heating systems, supporting compliance with European initiatives such as the Energy Performance of Buildings Directive.



4.2.5. Gas Quality & Metering (G5)

Chair: Frédéric Vulovic

Vice-Chair: Nikolaos - Marios Moneos

Group 5 focuses on gas composition, metering accuracy, and gas-quality harmonisation. It addresses hydrogen and biomethane quality and metering, interoperability at cross-border points, and the technical specifications required to ensure fair and reliable gas measurement.



4.2.6. Health & Safety (G6)

Chair: Paul Hogewoning

Vice-Chair: Domenico Mombello

Group 6 covers occupational health and safety practices, risk prevention across gas operations and odorization activities. It provides technical input on the health effects of gases, safety management systems, and incident reporting, ensuring consistent safety standards throughout the sector.



4.2.7. Methane Emissions + (G7)

Chair: Ronald Kenter

Vice-Chair: Liliane Wietzerbin

Group 7 focuses on management of emissions of methane and of other gases like hydrogen and NOx throughout the gas value chain while also addressing related areas such as industrial emissions. Concerning methane emissions, the group develops methodologies and best practices for emission reduction, supports the industry in implementing EU methane legislation, and coordinates technical input to European institutions and standardisation initiatives.



5. Technical Reports and Publications

Since the 2022-2023 annual report, MARCOGAZ delivered a diverse portfolio of technical reports, studies, and position papers addressing key aspects of Europe's evolving gas system.

Developed through close collaboration among MARCOGAZ's expert groups, these publications provide reliable technical insight on topics such as renewable gas integration, metering accuracy, system safety, health, and emissions reduction.

In total, MARCOGAZ published 15 technical studies and reports, 2 position papers/joint statements, and 2 formal responses to European Commission consultations, reinforcing its role as a trusted technical partner in the European energy transition.

5.1. Studies and Publications

Best Available Techniques to Reduce Methane Emissions from Venting and Flaring Activities in the Mid-downstream Gas Sector [1]

The document summarises the EU's regulatory approach to methane-emission reduction and outlines nine Best Available Techniques for the mid and downstream gas sector. It also provides guidance on measuring key operational parameters to support compliance with the proposed Methane Regulation and OGMP 2.0 requirements.

Natural Gas Odorisation Practices in Europe [2]

The document reviews how odorisation practices have developed across Europe and compiles national data on regulations, control methods, odorants, and operational procedures. It highlights differences between countries while emphasising consistently high safety requirements and provides a basis for knowledge sharing and process improvement among operators.

Odorisation of Natural Gas/Hydrogen Mixtures and Pure Hydrogen [3]

This document provides an overview of the odorisation of hydrogen and hydrogen–natural gas mixtures, helping identify the key factors to consider when odorising gases containing hydrogen. It presents theoretical insights, reviews existing data, and concludes with additional considerations.

Quality of Biomethane Required in European Countries for Injecting into the Natural Gas Grid [4]

This updated edition of MARCOGAZ's 2019 study compiles data from European countries on the quality standards required for biomethane injection into natural gas networks. It compares national approaches—regulatory, standardisation-based, or contractual—and highlights evolving trends in biomethane quality parameters across Europe.

Hydrogen Regulation and Standards in European Countries for Injecting Hydrogen into the Natural Gas Grid [5]

The third edition of this ongoing study gathers information from European countries on hydrogen blending requirements and associated standards. It maps the diversity of national rules and provides an updated overview of hydrogen injection practices within the European gas system.

Metering Technologies for Non-Conventional Gases [6]

Drawing on a 2022 survey among MARCOGAZ members, this report analyses measurement technologies used in projects involving unconventional and renewable gases. It identifies key market needs, regulatory frameworks, and emerging trends in metering and energy determination methods supporting gas decarbonisation.

Legal Obligations for LNG Truck Drivers Training [7]

This comparative study reviews national legal requirements and safety specifications for LNG truck driver training in Europe. Building on the context of the Blue Corridors project, it identifies opportunities to harmonise training standards and strengthen safety practices across the LNG transport sector.

Introductory Document to the Best Available Techniques to Reduce Methane Emissions from Venting and Flaring Activities in the Mid-Downstream Gas Sector [8]

In support of the EU Methane Regulation, MARCOGAZ proposes nine Best Available Techniques (BATs) to mitigate methane emissions from venting and flaring operations. The report offers practical recommendations on measurement, reporting, and verification processes aligned with European requirements.



Report on European Gas Safety – Gas Distribution (EGAS-B) [9]

Covering data from 2017 to 2022 across European countries, this report analyses safety performance indicators within gas distribution networks. It introduces new metrics such as emergency response time and third-party interference rates, enhancing Europe-wide benchmarking for safety improvement.

Health Effects of Hydrogen and Methane [10]

This technical note compares the health impacts of hydrogen and methane, summarising current scientific knowledge and updating previous MARCOGAZ safety publications. It supports informed discussion on occupational exposure and safety standards in the evolving gas landscape.

Liquefied Natural Gas (LNG) Quality Database [11]

Responding to the absence of a public LNG quality database, this study compiles data from European terminals on the composition of imported LNG cargos. The analysis calculates key quality parameters—such as Wobbe Index, calorific value, and methane number—and highlights how these vary by origin and delivery point.

Guidance on the Application of the EU Regulation on Methane Emissions Reduction [12]

This guidance note supports the implementation of the EU Methane Regulation, offering practical interpretation on monitoring, reporting, and verification (MRV) obligations. It encourages operators to balance environmental impact with technical feasibility while fostering innovation in emission detection and quantification.

Interpretation of EGIG Findings in its 12th Report [13]

This analysis reviews the 12th EGIG Report on gas pipeline incidents, identifying long-term trends and safety challenges such as aging infrastructure, corrosion, and third-party interference. MARCOGAZ recommends expanding data collection to hydrogen and CO₂ networks, reinforcing its commitment to continuous safety improvement.

An Affordable, Efficient, and Technically Feasible Decarbonisation of Residential Heating [14]

This paper points out that a one-size-fits-all approach centred exclusively on electrification is neither cost-effective nor socially equitable. MARCOGAZ supports a technology-neutral framework that combines renewable and low-carbon gas systems with other efficient solutions. The document underscores the importance of affordability, consumer choice, and optimal use of existing gas infrastructure to deliver a fair and resilient energy transition.

Energy Performance of Buildings Directive (EPBD) – Analysis from MARCOGAZ [15]

This analysis reviews the revised EPBD (2024/1275) and highlights how renewable gases and hybrid systems can contribute to decarbonising Europe's building stock. It calls for technology-neutral implementation and recognition of renewable gas solutions in achieving zero-emission targets.





5.2. Policy Contributions and Consultations

Beyond its technical work, MARCOGAZ contributed to European policy development through position papers, joint statements, and consultation responses that conveyed the industry's technical perspective on ongoing regulatory initiatives.

Transitioning Away from Boiler Emissions – Energy Performance of Buildings Directive (EPBD) [16]

Following the adoption of the revised EPBD, this paper clarifies the treatment of boilers in the pathway toward Zero-Emission Buildings (ZEB) by 2050. MARCOGAZ proposes clearer definitions for “fossil fuel boilers” and phase-out criteria, distinguishing between technologies and the fuels they use. The paper encourages the European Commission and Member States to provide guidance that supports renewable gas solutions within building decarbonisation strategies.

Enabling Renewable Gases in Buildings with Green Contracts [17]

Issued jointly with stakeholders from the heating and energy sectors, this statement calls for the inclusion of Green Contracts for biomethane in the implementation of the EPBD. It highlights that such contracts—enabled by Guarantees of Origin—are essential to verify the use of renewable gases in buildings. Recognising renewable gas consumption within the EPBD framework would help achieve Zero-Emission Building objectives while stimulating investment in renewable gas production.

Response to the Questionnaire on LDAR Minimum Detection Limits and First-Step Underground Leak Thresholds [18]

MARCOGAZ's response to the European Commission's questionnaire on Leak Detection and Repair (LDAR) emphasises the need for practical, field-proven detection thresholds. It supports flexibility in technology use and cautions against overly prescriptive Minimum Detection Limits (MDLs) that may not deliver proportional environmental benefits. MARCOGAZ supports the development of harmonised standards through CEN and calls for an evidence-based regulatory framework that facilitates innovation.

Response to the Public Consultation on the European Commission's Heating and Cooling Strategy [19]

In this response, MARCOGAZ promotes a technology-neutral approach to decarbonising Europe's heating and cooling systems. The document highlights the role of renewable and low-carbon gases in providing immediate, scalable, and cost-effective solutions. It calls for complementary use of hybrid heat pumps, high-efficiency boilers, and existing gas infrastructure to ensure affordability, resilience, and rapid emissions reduction across Europe.

6. Communications and Outreach

During 2024 and 2025, MARCOGAZ strengthened its communications and outreach activities to enhance the visibility of its technical and policy work across Europe. Communication remained a strategic pillar of the Association, ensuring the timely dissemination of knowledge across the European energy community. Efforts focused on increasing accessibility to MARCOGAZ's publications, improving message clarity, and fostering engagement among members, partners, and institutional stakeholders.

MARCOGAZ expanded its digital presence through regular updates on LinkedIn, X, and YouTube, highlighting the release of publications, participation in consultations, and engagement in key European energy discussions. Each post aimed to present technical topics in a clear and accessible way, reinforcing MARCOGAZ's role as a reliable and informed voice in the gas sector.

The MARCOGAZ website remained the main digital platform for sharing information and technical deliverables. It was continuously updated to reflect the Association's structure and to provide open access to public reports, position papers, and consultation responses through the Knowledge Hub. All online materials followed MARCOGAZ's renewed visual identity, ensuring consistency across publications, posts, and presentations.

Member and stakeholder communication also played an important role in strengthening collaboration and ensuring timely information sharing on regulatory developments, consultation processes, and internal technical activities. Both internal and external newsletters were refined to offer a concise overview of MARCOGAZ's publications, regulatory inputs, and participation in key events. The updated format of the newsletter improved readability and visual coherence, ensuring regular and transparent communication with all audiences.

Looking ahead, MARCOGAZ will continue to enhance its communication and outreach tools, integrating stronger visual storytelling and collaborative contributions to make technical knowledge more accessible across Europe.



7. Events and Engagement

Throughout 2024 and 2025, MARCOGAZ actively participated in and organised a range of events and forums that strengthened its visibility, reinforced stakeholder relationships, and supported the dissemination of technical knowledge. Events served as a platform for knowledge exchange, dialogue with European institutions, and engagement with key actors across the energy sector, reflecting MARCOGAZ's commitment to fostering collaboration between technical expertise, research, and policy development in support of Europe's energy transition.

7.1. MARCOGAZ-organised Events

7.1.1. European Gas Technology Conference – EGATEC 2024

EGATEC 2024 was organised by MARCOGAZ and GERC, and hosted by the DVGW, DGC, and Gasunie, with the support of ERIG. The conference took place on 18–19 June 2024 in Hamburg, Germany, bringing together industry leaders, technical experts, and policymakers to exchange views on innovation, gas infrastructure readiness, and the decarbonisation of the European energy system. Discussions focused on hydrogen, biomethane, synthetic gases, CO₂ management, and methane emission reduction, highlighting the sector's ongoing efforts to enable a carbon-neutral energy future. The event fostered collaboration and knowledge exchange among European stakeholders and reaffirmed MARCOGAZ's role as a key facilitator of technical dialogue and expertise sharing within the gas industry.



7.1.2. MARCOGAZ Tech Forums

To enhance technical visibility and stakeholder engagement, MARCOGAZ launched the Tech Forum concept in 2022—a series of focused webinars dedicated to specific technical topics of strategic interest. The objective is to generate discussion between experts, present ongoing technical work, and increase the visibility of the Association's committees and Technical Groups.

Three Tech Forums were organised during the reporting period:

- **Gas Odourisation (June 2024) [20]** – addressed best practices and technological advances in gas odourisation, with experts sharing operational insights and emerging regulatory trends.
- **LNG Quality (May 2025) [21]** – focused on the outcomes of MARCOGAZ's LNG Quality Database report, offering an overview of LNG composition data and its implications for European gas quality management.
- **Guidance on the EU Methane Emissions Reduction Regulation (June 2025) [22]** – presented the Association's interpretation of the EU Methane Regulation, fostering an exchange on implementation challenges and best practices for monitoring and mitigation.

All Tech Forums were held online, ensuring broad participation from MARCOGAZ members, external experts, and institutional partners across Europe.



7.2. European Commission Forums

During 2024 and 2025, MARCOGAZ continued its active participation in several European Commission stakeholder platforms, providing technical expertise and factual insights to discussions on the decarbonisation of the EU gas market and the integration of renewable gases.

- **Gas Regulatory Forum (Madrid Forum):** MARCOGAZ contributed to discussions on the development and decarbonisation of the EU gas market, working alongside European institutions, regulators, and industry representatives to help shape future policy directions.
- **Citizen's Forum (Dublin Forum):** MARCOGAZ provided input on consumer-related aspects of the energy transition, highlighting the importance of safety, affordability, and reliability in the evolving market structure.
- **Carbon Capture, Utilisation and Storage Forum (CCUS Forum):** MARCOGAZ shared technical insights on the compatibility of gas infrastructure with CO₂ transport and storage, contributing to the dialogue on the deployment of CCUS technologies in Europe.
- **Hydrogen Forum:** Within the Clean Hydrogen Alliance, MARCOGAZ provided expertise on permitting, safety, and infrastructure readiness, supporting the broader deployment of hydrogen and low-carbon gases.
- **Infrastructure Forum (Copenhagen Forum):** MARCOGAZ participated in discussions on network resilience, interconnections, and the integration of renewable and low-carbon gases into Europe's energy system.

Through these contributions, MARCOGAZ reinforced its position as a trusted technical counterpart to the European institutions, ensuring that the voice of the gas infrastructure sector continues to be represented in evidence-based energy policymaking.

7.3. MARCOGAZ as a Partner in Energy-Related Events

In 2024 and 2025, MARCOGAZ actively participated in numerous European and international energy events, reinforcing its position as a trusted technical voice in the global energy transition. Through these engagements, the Association contributed factual insights, showcased its technical expertise, and strengthened cooperation with key stakeholders across the energy value chain.

Among the many events attended during this period were the **Carbon Capture Europe Summit** in Amsterdam, where MARCOGAZ contributed to discussions on advancing Europe's CCUS value chain and addressing the technical challenges of large-scale deployment, and the **World Gas Conference** organised by the International Gas Union, which underlined the importance of global collaboration and technological innovation in integrating renewable and low-carbon gases into the energy system.

MARCOGAZ was represented at **World Hydrogen Week 2025 in Copenhagen**, one of the largest global gatherings of hydrogen experts. The event offered insights into regulatory developments, hydrogen market readiness, and standardisation challenges. The Association also took part in the **Gas Infrastructure Europe Annual Conference** in Athens, where the Secretary General co-hosted a session on hydrogen safety and pipeline readiness, addressing the technical and regulatory requirements for hydrogen integration.

Further participation included the **Ready4H2** technical project visit in the Netherlands, which demonstrated hydrogen's feasibility for residential heating, **Gastech 2025** in Milan, where discussions centred on policy frameworks and infrastructure readiness for renewable and low-carbon gases, and the **European Parliament event "Biomethane's Role in Europe's Industrial Future"** which focused on biomethane's contribution to industrial competitiveness and decarbonisation.

These engagements represent only part of MARCOGAZ's active presence across Europe's energy dialogue. Through its broader participation in conferences, forums, and technical exchanges, the Association continued to share expertise, build partnerships, and support Europe's transition toward a sustainable and secure energy system.

8. Partnerships

Partnerships form an essential pillar of MARCOGAZ's work, strengthening its capacity to deliver technical excellence and factual input to European and international energy discussions.

Throughout 2024 and 2025, MARCOGAZ continued to collaborate with institutions, associations, and research organisations that share its commitment to safety, innovation, and the decarbonisation of the gas sector. These partnerships support the exchange of technical knowledge, promote standardisation, and reinforce the alignment between industry expertise and policy development. By engaging in joint activities, consultations, and technical coordination, MARCOGAZ ensures that the European gas industry remains an active and credible contributor to Europe's sustainable energy transition.

MARCOGAZ maintains close cooperation with a broad network of European and international organisations, including:





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Join the exchange of ideas, discover pioneering solutions, and connect with experts shaping the future of Europe's gas sector.

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ANNEX

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