SDG7 Energy Compact of MARCOGAZ – The Technical Association of the European Gas Industry
A next Decade Action Agenda to advance SDG7 on sustainable energy for all, in line with the goals of the Paris Agreement on Climate Change

SECTION 1: AMBITION

1.1. Ambitions to achieve SDG7 by 2030. *[Please select all that apply, and make sure to state the baseline of each target]*
(Member States targets could be based on their NDCs, energy policies, national five-year plans etc. targets for companies/organizations could be based on their corporate strategy)

☐ **7.1.** By 2030, ensure universal access to affordable, reliable and modern energy services.	Target(s): Time frame: Context for the ambition(s):
☐ **7.2.** By 2030, increase substantially the share of renewable energy in the global energy mix.	Target(s): MARCOGAZ is committed to providing technical support to enable the European Union to achieve its renewable target of 84% in the energy mix by 2050. The association is also working to ensure technology readiness for 20% hydrogen in the gas infrastructure by 2030. Time frame: Ongoing Context for the ambition(s): MARCOGAZ is preparing technical reports exploring the transmission and distribution of new gases and particularly green hydrogen in the existing infrastructure from safety, gas quality and techno-economic perspectives with a view to providing insights on how to repurpose and retrofit existing gas infrastructure to accommodate green hydrogen at different concentrations and contribute to the creation of a developed hydrogen backbone by 2050. These technical insights offer all stakeholders a roadmap and guidance on renewable gases generation and on the efficient utilization of the renewable gases in the midstream and downstream value chain of the gas system and facilitates the decarbonization of the entire energy system. To accelerate its technical studies on the operability of gas infrastructure with green hydrogen, MARCOGAZ has established Standing Committee New Gases and Sector Integration Working Group. Working groups and task forces on hydrogen, gas quality, and the generation and upgrading of new gases continue tackling how the existing gas infrastructure can be decarbonized and reach net-zero by 2050. In addition to injection of hydrogen into the existing gas network, MARCOGAZ also carries out technical studies on power-to-gas installations. The Working Group on Sector Integration aims to describe a roadmap for a fully decarbonized European gas system in 2050 with gradually increasing shares of hydrogen and other renewable gases in either dedicated infrastructure or blended with methane at specific concentrations to efficiently utilize the gas system that provides flexibility, storage capacity and efficient transmission and distribution of hydrogen to large scale fluctuating renewable energy production from solar and wind. MARCOGAZ works to promote and support the use of renewable electricity and low-carbon gas systems to improve the efficiency, flexibility, and stability of the energy system as a whole. The association finds solutions for the hybrid end-use technologies using both electricity and gas, allowing the optimization of total energy efficiency. MARCOGAZ is actively involved in concrete initiatives and programs to ensure sustainable, safe, and efficient development of coupled electricity and gas systems with hydrogen, biomethane and other low-carbon gases.
☐ **7.3.** By 2030, double the global rate of improvement in energy efficiency.	Target(s): Technical works of MARCOGAZ are aligned with the European Union's goal to accomplish 32.5% of energy efficiency by 2030. Time frame: Ongoing Context for the ambition(s): Adapting gas appliances to new gases such as green hydrogen will be key to successful transition to decarbonized energy system. To that end, MARCOGAZ's technical studies on the decarbonization of end-use gas appliances in residential, commercial, and industrial sectors provide insights on how these appliances can be adapted for green hydrogen. MARCOGAZ continues to build on its technical assessment analysis to provide end users of gas appliances with a roadmap on the extent to which current appliances can accommodate hydrogen and what is needed in the future to exceed the current levels.

	In addition to the adaptation of end-use appliances for hydrogen, MARCOGAZ is working towards finding technical solutions to increase energy efficiency of end-use gas appliances in aforementioned sectors and hydrogen generation systems. The Standing Committee Gas Utilisation (SCGU) of MARCOGAZ fosters the use of renewable energy through power to gas and use of efficient gas appliances while ensuring that they remain playing a key role in the EU energy sector decarbonization. MARCOGAZ supports decarbonization efforts and energy transition by promoting adequate gas appliances and analyzing the impact of regulations on their developments.

☐ **7.a.** By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.	Target(s):
	
	In accordance with the actions to broaden the cooperation with European and international stakeholders, MARCOGAZ is on the course of establishing new partnerships with Hydrogen Europe. The association is also in the process of negotiating with potential members among European gas distribution system operators.
	
	Time frame: Ongoing
	
	Context for the ambition(s):
	
	MARCOGAZ is committed to the EU climate goals, United Nations SDG7 and Paris Agreement. While working to produce technical guidance to contribute to targets set in EU Green Deal, Paris Agreement and UN SDG7, the association is cooperating with regional and international organizations.
	
	● With a view to facilitating the European gas industry's transition to carbon neutral gas systems, MARCOGAZ is sharing its knowledge and experience with European stakeholders including transmission and distribution operators, gas companies, gas associations and policymakers. While strengthening relations with members and partners from the European gas industry, MARCOGAZ cooperates with four working groups at European Commission's Directorates:
	  o Smart Grid Task Force (E02892) Expert Group 1 on Data Interoperability under European Commission Directorate General for Energy
	  o Expert Group on the exchange of information on Best Available Techniques related to industrial emissions (IED Article 13 Forum) (E02611) under European Commission Directorate General for Environment
	  o Working Group Measuring Instruments (E01349) under European Commission Directorate-General for Internal Market, Industry, Entrepreneurship – DG Grow
	  o Working Group Gas Appliances (E01348) under European Commission Directorate-General for Internal Market, Industry, Entrepreneurship – DG Grow
	
	● MARCOGAZ is a member of European Clean Hydrogen Alliance and continues to collaborate with other stakeholders in the European Clean Hydrogen Alliance Transmission & Distribution Round Table.
	● MARCOGAZ is a cooperating partner of the International Legal Organization for Metrology, United Nations Economic Commission for Europe (UNECE) and Methane Guiding Principles.
	● MARCOGAZ is also an affiliate organization of the International Gas Union (IGU) and its recently established working group on hydrogen.
	● In order to streamline technical and safety standards for renewable gases, particularly hydrogen, MARCOGAZ is also cooperating with International Organization for Standardization (ISO) and European Committee for Standardization (CEN/CENELEC).
	● MARCOGAZ is continuously working to expand its cooperation with international organizations including Hydrogen Europe, United Nations, and its subsidiary bodies.

☐ **7.b.** By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programs of support.	Target(s): MARCOGAZ is poised to finalize the update of its hydrogen infographic which evaluate the technological readiness of the gas infrastructure for hydrogen intake by the end of 2021. Moreover, the association also works on scenarios projecting the several concentrations of renewable gases, primarily hydrogen, in the gas infrastructure in cooperation with other European institutions committed to decarbonization of the energy system and energy transition in accordance with European Commission and Paris Climate goals. Time frame: Ongoing

	Context for the ambition(s): MARCOGAZ provides technical assessment of all types of assets operated by the gas industry to deliver gas in safe and cost-effective conditions. In this endeavor, the association is seeking to enhance cooperation with regional and international stakeholders to foster the deployment of new zero-carbon technologies and promote new technology for decarbonization in gas infrastructure including midstream and downstream networks. The scope of technical studies on infrastructure technology encompasses the whole life cycle of the gas installations, from the design and engineering phase until the decommissioning of the installations after decades of service. This includes the construction, operation, and maintenance activities, as well as the replacement of equipment. MARCOGAZ also participates in related innovative projects that boost the energy transition for such gas installations. Most of recent reports of MARCOGAZ assess the technical acceptance of new gases like hydrogen in the networks and support the European Commission's energy transition ambitions and contribute to the Paris Agreement climate goals. Hydrogen/methane mixtures yield some changes in the gas quality and have far-reaching implications for metering operations. Therefore, dedicated working groups of MARCOGAZ closely examine the repercussions of hydrogen/methane mixtures for safety, efficient use as well as accurate and fair metering at different points of the gas system.

1.2. Other ambitions in support of SDG7 by 2030 and net-zero emissions by 2050. ***[Please describe below e.g., coal phase out or reforming fossil fuel subsidies etc.]***

Target(s):

Across all ambitions, the goal of MARCOGAZ is to evaluate the technological readiness of different segments of gas installations, including transmission pipelines, distribution pipelines, a wide variety of equipment in transmission and distribution networks as well as end-user sectors for a decarbonized energy system. The entire body of current and future technical work is geared towards that goal.

Time frame: Ongoing

Context for the ambition(s):

MARCOGAZ is actively participating in several European initiatives that aim to reach net-zero emissions in the midstream and downstream gas sectors. With technical insights based on factual information and data, the association continues to generate pathways and roadmaps for the transmission and distribution companies, storage and LNG operators as well as for end-users of gas appliances to increase the concentration of green hydrogen and maintain appropriate gas quality for fully decarbonized systems.

Technical guidelines investigating the acceptance level of current gas infrastructure for renewable gases and future development of a hydrogen backbone suitable for different sectoral uses continue to be an integral part of the ongoing technical discussions at European organizations, including expert groups under European Commission Directorates and several groups at European Network of Transmission System Operators for Gas (ENTSOG), and actively contributing to the projects that will enhance decarbonization efforts. Some of the recent contributions to such initiatives include technical support MARCOGAZ has provided for the European gas stakeholders Prime Movers' Group on Gas Quality that is facilitated by ENTSOG and presented scenarios for different timeframes exploring the hydrogen intake of the gas infrastructure at different concentrations. The final deliverables of the Prime Movers' Group, which will include the assessment of MARCOGAZ on the technology readiness level, will be submitted to the European Commission and the Commission will use the results in the upcoming Hydrogen and Gas Market Decarbonization Package of the European Union.

The association is also providing expansive guidelines for the reduction and mitigation of methane emissions from midstream and downstream gas infrastructure and the guidelines have been adopted in the respective policy framework of the European Commission.

SECTION 2: ACTIONS TO ACHIEVE THE AMBITION

2.1. Please add at least one key action for each of the elaborated ambition(s) from section 1. *[Please add rows as needed].*

Description of action (please specify for which ambition from Section 1)	*Start and end date*
Action regarding renewables 7.2.: Collecting data on power-to-gas installations and sector integration projects across the European countries and preparing technical reports on how to best operate these installations to allow for system integration and efficient utilization of renewable energies. Processing data to create methodologies and/or roadmaps for greater integration of renewables and how gas infrastructure serves that purpose.	Ongoing
Description of action (please specify for which ambition from Section 1)	*Start and end date*
Action regarding energy efficiency 7.3.: Expanding data collection from distribution to end-use sectors on efficiency increasing measurements. Producing scenarios, roadmaps, and technical reports for increased efficiency of such appliances and further improvement of their efficiency in accordance with the energy efficiency goals of the European Commission.	Ongoing
Description of action (please specify for which ambition from Section 1)	*Start and end date*
Action regarding international cooperation 7.a.: Continued active cooperation with current European and global partners by exchanging knowledge and technical expertise and establishing new partnership with global hydrogen institutions.	Ongoing
Description of action (please specify for which ambition from Section 1)	*Start and end date*
Action regarding technology and infrastructure 7.b.: Technical assessment of the best available technologies that allow for greater amount of hydrogen injection into gas installations including transmission and distribution networks for different end-users. Continued evaluation of the technology readiness level of the ongoing R&D projects on hydrogen injection and projecting a time frame for a wholly decarbonized network with 100% hydrogen. Technical reports outlining the safety properties for greater hydrogen accommodation in gas networks.	Ongoing

SECTION 3: OUTCOMES

3.1. Please add at least one measurable and time-based outcome for **each** of the actions from section 2. *[Please add rows as needed].*

Outcome regarding renewables 7.2.	*Date*

● An expert group under Sustainability Standing Committee has taken an initiative called Hydrogen Climate Impact. The group will assess the repercussions of releasing hydrogen into the atmosphere and its Global Warming Potential (GWP). The initiative is planning to kick off an R&D project or a technical report by the end of 2021 or the first quarter of 2022. ● The recently established Standing Committee on New Gases is working to increase the knowledge in production and upgrading of green gases and to that end it will propose the formation of a new working group by September 2021. ● Working Group Sector Integration is working on a European gas system decarbonization scenarios with information and data on the share of the renewable energy in the gas system across European countries as well as characteristics of the gases. The finalized work will include the data on illustrated maps for 2030, 2040 and 2050 and is scheduled to be released by mid-2021. Additionally, it is also working on short case stories for ongoing decarbonization developments to illustrate the feasible options and the ongoing process in the gas industry. The report is expected to be ready by mid-2022 at the latest.	End of 2021 – early and mid-2022
Outcome regarding energy efficiency 7.3 ● The recently established Working Group Sector Integration is elaborating on tasks including data collection and the evaluation of the interoperability of electricity and renewable gas systems in order to improve efficiency, flexibility and stability of the energy system as a whole.	End of 2021
Outcome regarding international cooperation 7.a.: ● MARCOGAZ is broadening technical expertise dialogue with leading institutions working on renewable gases and hydrogen, including Hydrogen Europe. ● With a view to expanding the share of its technical report, MARCOGAZ organizes webinars regarding the content of its studies. The next planned webinar on the adaptation of the LNG for decarbonized energy system is scheduled to take place in September 2021 with the participation and contribution of regional and international stakeholders.	Late September 2021
Outcome regarding technology and infrastructure 7.b.: ● Hydrogen Task Force is working on the update of the previous hydrogen infographic that evaluates the technology readiness level of European gas infrastructure for hydrogen intake. It is expected to lay out the need for innovation to develop new opportunities with the aim of securing maximum utilization and benefit from the existing infrastructure. Planned to be published by the end of 2021, the updated infographic is also exploring the cost of adopting hydrogen in midstream and downstream gas infrastructure as well as end-use gas appliances through techno-economic analysis. ● Gas Metering Working Group is listing application gas metering standards that need modification for fair billing purposes with the injection of renewable gases such as hydrogen in the distribution network. The task is planned to be complete by the end of 2021 or the first quarter of 2022. ● Storage Working Group continues the compilation of data on the pilot projects that aim to demonstrate the hydrogen acceptance in the storage facilities and is due to finalize the task by the end of 2021 or the first quarter of 2022.	End of 2021 – early 2022

SECTION 4: REQUIRED RESOURCES AND SUPPORT

4.1. Please specify required finance and investments for **each** of the actions in section 2.

All technical activities of MARCOGAZ are funded by its 30 members. MARCOGAZ does however need support with regards to the facilitation of the liaison with technical entities globally working on renewable gases/green hydrogen (universities, research centers, gas associations). Moreover, the association also needs support for the dissemination of its technical studies at international platforms.

4.2. [For countries only] In case support is required for the actions in section 2, please select from below and describe the required support and specify for which action.

[Examples of support for Member States could include: Access to low-cost affordable debt through strategic de-risking instruments, capacity building in data collection; development of integrated energy plans and energy transition pathways; technical assistance, etc.]

☐Financing	*Description*
☐ In-Kind contribution	*Description*
☐ Technical Support	*Description*
☐ Other/Please specify	*Description*

SECTION 5: IMPACT

5.1. Countries planned for implementation including number of people potentially impacted.

MARCOGAZ has 30 members and 26 partners from European Union Member States and the neighboring countries that are strongly connected to the EU gas infrastructure. Therefore, all the works MARCOGAZ is producing focuses on the technical aspects of decarbonizing the gas network in these countries and regions.

The works of MARCOGAZ have also been oriented towards providing technical guidelines for the energy systems in developing countries. For example, the intensive work on safety and technical standards on different gas installations have been replicated by gas operators in developing countries.

5.2. Alignment with the 2030 Agenda for Sustainable Development – Please describe how **each** of the actions from section 2 impact advancing the SDGs by 2030.
[up to 500 words, please upload supporting strategy documents as needed]

Technical evaluation on how the gas infrastructure can facilitate the accommodation of more renewable energy both in electricity and gas networks is crucial to the enhancement of renewable energy in the global energy mix. Preparing data-driven technical reports that provide insights on power-to-gas installations expanding the sector integration requires regular data collection. The compiled data allows for thorough assessment of the development level of such technology, best available technology for the most efficient operation and the technical standards that could be used both at the regional and global levels. Technical evaluation of power-to-gas technologies enables electricity network operators to manage supply and demand imbalances as well as power flow congestion in the system in the least costly ways.

Expansion of data collection on measurements and technologies that increase the energy efficiency of end-use gas appliances will continue to enable MARCOGAZ to produce roadmaps and technical reports on opportunities for efficiency improvement of both end-use gas appliances and gas infrastructure equipment in accordance with the global goals to increase energy efficiency.

Enhanced active cooperation with European and global stakeholders as well as establishing new partnership with global institutions dedicated to energy transition, decarbonization of the current energy system and inclusion of more green technologies such as green hydrogen with a view to exchanging knowledge and technical expertise, cooperating on new reports and scenarios that lead the technical innovations and guiding policymakers for timely, target-oriented and market friendly regulations. These endeavors will not only expand the cooperation and knowledge sharing across countries, institutions, companies, and associations with different levels of knowledge and expertise and technological development but also will expedite the process to reach all the targets associated with the SDG7 by 2030.

Technical assessment of best available techniques that enable hydrogen injection into gas infrastructure from transmission to distribution networks and end-use equipment will provide a comprehensive analysis of the technology readiness level of ongoing hydrogen injection projects and evaluate their progress vis-à-vis the targeted levels of hydrogen in the gas industry by 2030. Such analysis will pinpoint how best techniques can be adopted in line with the specific qualities of each country included in the analysis, allowing a guidance on how countries with less developed stages of hydrogen infrastructure can make progress. They will also outline the most cost-efficient ways to promote investment in clean energy technologies and repurpose of existing methane-based gas infrastructure for a decarbonized system.

As far as gas infrastructure with higher level of renewable gases, particularly hydrogen, is concerned, safety protocols and properties are of utmost importance. Therefore, expansive reports on technical standards and safety measures that present how to adopt hydrogen in the safest way in gas installations will mitigate safety concerns and enable greater acceptance levels, thereby increasing levels of green technologies in the global energy mix.

5.3. Alignment with Paris Agreement and net-zero by 2050 - Please describe how **each** of the actions from section 2 align with the Paris Agreement and national NDCs (if applicable) and support the net-zero emissions by 2050.
[up to 500 words, please upload supporting strategy documents as needed]

Reaching net-zero by 2050 across all energy sectors, including gas, necessitates a thorough evaluation of the current progress based on data compilation. The collected data provide a basis for the trajectories of required technology deployment across different scenarios and technical reports prepared for net-zero achievements in energy systems by 2050. Therefore, MARCOGAZ attributes great importance to data collection processes to better evaluate the technological development and provide insights on best available technologies. Technical reporting expands opportunities for knowledge sharing that enables the spread of developments on clean energy techniques with developed and developing countries alike. MARCOGAZ is working to address and overcome main technical challenges when producing reports.

An integral part of achieving net-zero by 2050 is increased energy efficiency across net-zero scenarios. International Energy Agency projects in its Sustainable Development Scenario that energy efficiency represents 40% of emission reductions by 2040. In a similar vein, in its net-zero target by 2050, the European Commission also sets a binding target of 32.5% in energy efficiency by 2030. These targets constitute an integral part of the process to achieve Paris Agreement goals. With a view to contributing to such efforts to increase efficiency, MARCOGAZ is continuously working on technical assessments of energy efficiency measurements and techniques in gas installations. This will allow countries to reduce GHG emissions from gas industry while benefitting from new clean technologies.

Achieving net-zero across the globe is possible with increased cooperation. While benefitting from collaborations with European and global stakeholders from the energy industry over the years, MARCOGAZ is expanding its cooperation with new partnerships that will promote energy transition in the gas industry and the adoption of renewable gases across gas networks. Broadened cooperation will raise sharing of knowledge and experience across countries, institutions, companies, and associations and will accelerate the process to reach net-zero by 2050.

Technical assessments on clean energy technologies such as injection of green hydrogen into the gas infrastructure and its utilization on end-use gas appliances will enable countries to reduce emissions and report their targeted NDCs, hence contributing to Paris Agreement climate goals. While evaluating the technical readiness of the existing infrastructure and preparing scenarios on the trajectory to reach full decarbonization in the gas sector, MARCOGAZ is also working on the most affordable ways for clean energy technology investments and adaptation of the existing methane-based gas infrastructure for a decarbonized system. Countries still lack behind the necessary amount of clean energy investments required to reach net-zero goal by 2050 and there is a great divergence among countries across the globe. Therefore, MARCOGAZ's techno-economic analyses that guide companies and countries on how to best ascertain costs and the potential opportunity for cost-cutting are crucial to speed up and encourage investments that will reduce GHG emissions and facilitate reaching net-zero by 2050.

SECTION 6: MONITORING AND REPORTING

6.1. Please describe how you intend to track the progress of the proposed outcomes in section 3. Please also describe if you intend to use other existing reporting frameworks to track progress on the proposed outcomes.

MARCOGAZ has an annual work program that sets priorities and milestones to achieve. The targets are included in this work program and the results are annually evaluated.

SECTION 7: GUIDING PRINCIPLES CHECKLIST

Please use the checklist below to validate that the proposed Energy Compact is aligned with the guiding principles.

I. Stepping up ambition and accelerating action - Increase contribution of and accelerate the implementation of the SDG7 targets in support of the 2030 Agenda for Sustainable Development for Paris Agreement

I. 1. Does the Energy Compact strengthen and/or add a target, commitment, policy, action related to SDG7 and its linkages to the other SDGs that results in a higher cumulative impact compared to existing frameworks?

☒Yes ☐No

I.2. Does the Energy Compact increase the geographical and/or sectoral coverage of SDG7 related efforts? ☒Yes ☐No

I.3. Does the Energy Compact consider inclusion of key priority issues towards achieving SDG7 by 2030 and the net-zero emission goal of the Paris Agreement by 2050 - as defied by latest global analysis and data including the outcome of the Technical Working Groups? ☒Yes ☐No

II. Alignment with the 2030 agenda on Sustainable Development Goals – Ensure coherence and alignment with SDG implementation plans and strategies by 2030 as well as national development plans and priorities.

II.1. Has the Energy Compact considered enabling actions of SDG7 to reach the other sustainable development goals by 2030? ☒Yes ☐No

II.2. Does the Energy Compact align with national, sectoral, and/or sub-national sustainable development strategies/plans, including SDG implementation plans/roadmaps? ☒Yes ☐No

II.3. Has the Energy Compact considered a timeframe in line with the Decade of Action? ☒Yes ☐No

III. Alignment with Paris Agreement and net-zero by 2050 - Ensure coherence and alignment with the Nationally Determined Contributions, long term net zero emission strategies.

III.1. Has the Energy Compact considered a timeframe in line with the net-zero goal of the Paris Agreement by 2050? ☒Yes ☐No

III.2. Has the Energy Compact considered energy-related targets and information in the updated/enhanced NDCs? ☒Yes ☐No

III.3. Has the Energy Compact considered alignment with reaching the net-zero emissions goal set by many countries by 2050? ☒Yes ☐No

IV. Leaving no one behind, strengthening inclusion, interlinkages, and synergies - Enabling the achievement of SDGs and just transition by reflecting interlinkages with other SDGs.

IV.1. Does the Energy Compact include socio-economic impacts of measures being considered? ☐Yes ☒No

IV.2. Does the Energy Compact identify steps towards an inclusive, just energy transition? ☐Yes ☒No

IV.3. Does the Energy Compact consider measures that address the needs of the most vulnerable groups (e.g. those impacted the most by energy transitions, lack of energy access)? ☐Yes ☒No

V. Feasibility and Robustness - Commitments and measures are technically sound, feasible, and verifiable based a set of objectives with specific performance indicators, baselines, targets and data sources as needed.

V.1. Is the information included in the Energy Compact based on updated quality data and sectoral assessments, with clear and transparent methodologies related to the proposed measures? ☒Yes ☐No

V.2. Has the Energy Compact considered inclusion of a set of SMART (specific, measurable, achievable, resource-based and time based) objectives? ☒Yes ☐No

V.3. Has the Energy Compact considered issues related to means of implementation to ensure feasibility of measures proposed (e.g. cost and financing strategy, technical assistant needs and partnerships, policy and regulatory gaps, data and technology)? ☒Yes ☐No

SECTION 8: ENERGY COMPACT GENERAL INFORMATION

8.1. Title/name of the Energy Compact

MARCOGAZ Energy Compact

8.2. Lead entity name (for joint Energy Compacts please list all parties and include, in parenthesis, its entity type, using entity type from below)

MARCOGAZ – Technical Association of the European Gas Industry

8.3. Lead entity type

☐ Government ☐ Local/Regional Government ☐ Multilateral body /Intergovernmental Organization

☒ Non-Governmental Organization (NGO) ☐ Civil Society organization/Youth ☐ Academic Institution /Scientific Community

☐ Private Sector ☐ Philanthropic Organization ☐ Other relevant actor

8.4. Contact Information

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8.5. Please select the geographical coverage of the Energy Compact

☐Africa ☐Asia and Pacific ☒Europe ☐Latin America and Caribbean ☐North America ☐West Asia ☒Global

8.6. Please select the Energy Compact thematic focus area(s)

☐ Energy Access ☒ Energy Transition ☐ Enabling SDGs through inclusive just Energy Transitions ☒ Innovation, Technology and Data ☐ Finance and Investment.

SECTION 9: ADDITIONAL INFORMATION (IF REQUIRED)

Please provide additional website link(s) on your Energy Compact, which may contain relevant key documents, photos, short video clips etc.

All the relevant information about MARCOGAZ and its technical reports can be found on the website: https://www.marcogaz.org/

Link to publications: https://www.marcogaz.org/knowledge-hub/

Link to the transparency register at the European Commission: https://ec.europa.eu/transparencyregister/public/consultation/displaylobbyist.do?id=57944346163-37