ANNUAL REPORT

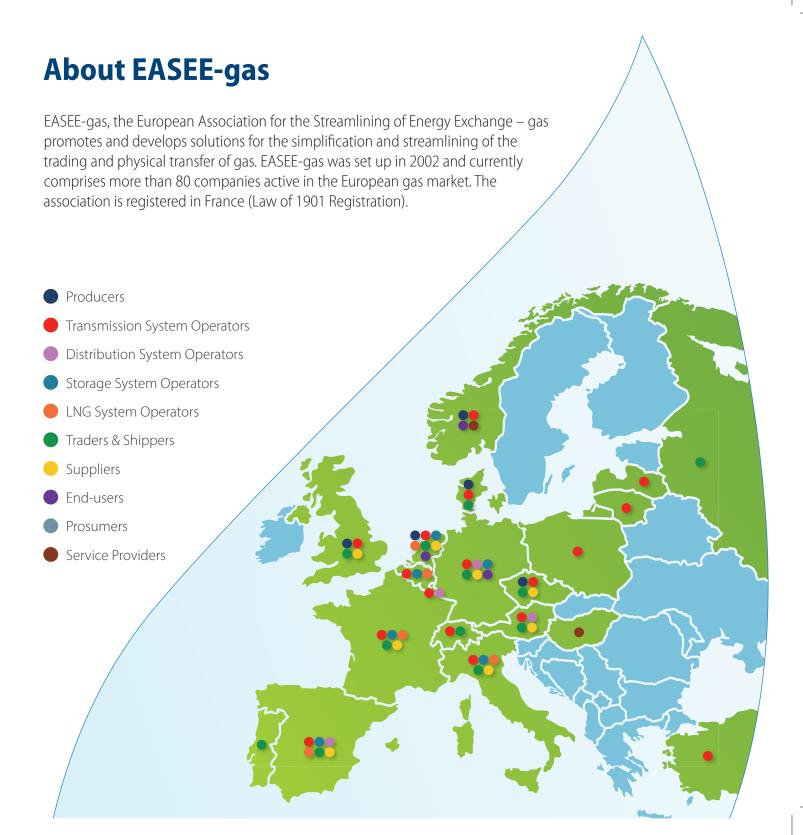






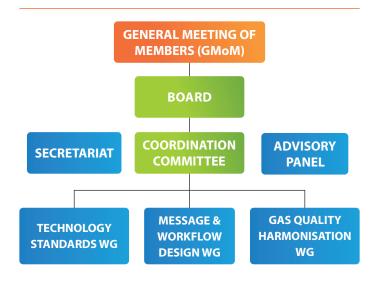






About EASEE-gas (continued)

Organisation chart



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The Secretariat

The EASEE-gas Secretariat is run by Kellen, an association management company. The Secretariat is composed of:



Nele Devolder General Manager



Françoise MaonOperations Manager



Olga Karline Henkele Public Affairs Manager



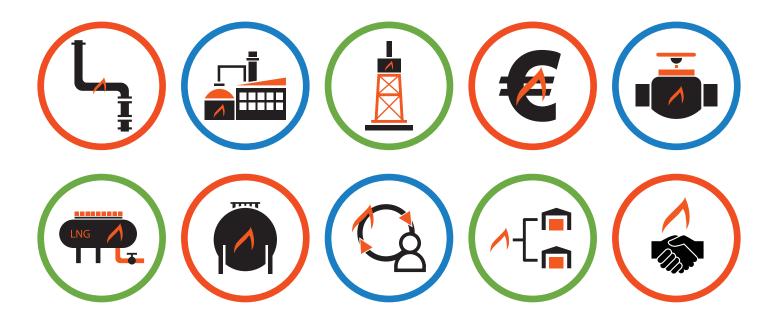
Rabia Ozdemir
Communications Manager



Eva Palka Senior Assistant

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Foreword – Michael Sostmann, Chair

Dear EASEE-gas members,

I am honoured for your trust and the re-election as the Chair of EASEE-gas. Together with the Board, we continue to take EASEE-gas to the next level and ensure value to our members and the European gas sector. Looking back at 2024, I enjoyed meeting many of you in our yearly General



Meeting of Members in Nice, better known as the GMoM, took place. It was three days of constructive working group meetings, Board meetings, and great opportunities to network with old and new colleagues from the gas sector.

One of the main energy sources for the existence of EASEE-gas, is our working groups. The Chairs, Oliver Schirok, Dirk Serruys, and Peter van Wesenbeeck have done phenomenal work ensuring that members get the opportunity to get involved in our constantly changing energy system whilst gaining knowledge on key topics.

One of the main energy sources for the existence of EASEE-gas, is our working groups.

EASEE-connect is one of the great results of the work of our working groups. EASEE-connect is the digital platform for the creation and management of AS4 and AS2 profiles. EASEE-connect ensures that setting up a data exchange connection

with partners brings cost and time savings. EASEE-gas rolled out a promotional campaign in 2024 to ensure more registrations from both members and non-members. EASEE-connect can make a significant difference and we now need more gas companies on board to make the difference, so I highly recommend you to register. EASEE-connect ensures that setting up a data exchange connection with partners brings cost and time savings. I would like to thank my fellow Board members for the great collaboration.

EASEE-connect is one of the great results of the work of our working groups.

I would also like to thank the EASEE-gas Secretariat for their professionalism and dedication towards EASEE-gas. EASEE-gas has come a long way since 2002, and with more than 80 members across Europe, we are making a difference in streamlining and simplifying the trading and physical transfer of gas.

Let's continue the collaboration and please take the opportunity to let us know what you want to get out of your membership or which areas we should focus more on. On behalf of the EASEE-gas Board of Directors, I thank you for your trust and dedication. We are looking forward to 2025 and to seeing many of you in Rome for an exciting GMoM.

Yours sincerely,

Michael Sostmann, Open Grid Europe Chair of the EASEE-gas Board of Directors

Foreword – Nele Devolder, General Manager

Dear EASEE-gas members,

Since its establishment in 2002, EASEE-gas has been steadfast in its mission to develop and promote business practices that simplify and streamline gas transfer and trading across Europe. Over the years, the association has played a pivotal role in fostering collaboration, enhancing efficiency, and supporting the integration of European gas markets.



Since 2022, I have had the privilege of serving as the General Manager of EASEE-gas. It is an honor to lead an association that has built a solid reputation and enjoys the unwavering commitment of its members.

As we reflect on the past year, we are reminded of the evolving challenges and opportunities facing our industry. From advancing digitalization to addressing energy security and sustainability, EASEE-gas continues to adapt and respond to the needs of its members and the broader gas market. This year's initiatives demonstrate our commitment to driving innovation and ensuring the seamless functioning of gas trading and transfer processes.

As we reflect on the past year, we are reminded of the evolving challenges and opportunities facing our industry.

The accomplishments highlighted in this Annual Report are a testament to the dedication of our members, the expertise of our working groups, and the strong partnerships that underpin our association. Together, we remain focused on ensuring that EASEE-gas continues to be a trusted facilitator and thought leader in the energy transition journey.

EASEE-gas proudly represents a diverse membership from across Europe, encompassing the entire value chain—from producers to end-users. This spirit of collaboration is at the heart of our growth and our mission to simplify and streamline the gas market. In January 2024, during the Board's annual strategy meeting, we reaffirmed our commitment to this mission by developing a forward-looking vision and refining our objectives to ensure EASEE-gas remains adaptive and future-proof in a rapidly evolving sector.

EASEE-gas proudly represents a diverse membership from across Europe, encompassing the entire value chain from producers to end-users.

Our priority remains clear: to continue streamlining the exchange of gas across Europe. I invite you to explore the highlights of our activities over the past year in this Annual Report.

I want to take a moment to express my deepest gratitude to the Board of Directors for their dedication, leadership, and invaluable contributions to EASEE-gas in the past year. Their guidance and commitment have been instrumental in shaping our success.

I would like to express my sincere gratitude to Michael Pustlauk, who stepped down from the Board at the GMoM in March 2024. His invaluable contributions and guidance over the years have left a lasting impact on our association. At the same time, we are happy to welcome Frode Skjæveland as a new board member.

I also would like to express my heartfelt thanks to our Working Group Chairs for their dedication and to the Board for their strategic vision and steadfast commitment.

On behalf of EASEE-gas, I would like to thank our members for their support and active participation. Your engagement is critical to our success and to the ongoing evolution of the European gas market.

I look forward to connecting with many of you at our annual GMoM in Rome, taking place from 19–21 March. As always, we welcome your ideas for events, initiatives, or general feedback. Your engagement is vital to ensuring EASEE-gas reaches new heights and delivers value to all our members and stakeholders.

Let us continue to work together to address the challenges ahead and to seize the opportunities that will shape the future of our industry.

Kind regards,

Nele Devolder General Manager



Membership

EASEE-gas had 69 full members and 16 service provider members

The EASEE-gas Board encourages members to promote the association and to invite companies in the segments with lower representation to join the association and ensure that their views and concerns are taken into account in the various initiatives of the Working Groups and Board. If you need any promotion material or have questions on how to approach the companies, please contact the Secretariat for assistance.

Resignations:

- Navitasoft, Service provider, Hungary
- edp, Full Member, Trader & Shipper, Portugal

New full members:

EnBW Energie Baden-Wuerttemberg AG

Trader & Shipper, Germany



STORENGY

Trader & Shipper, France



EBN N.V.

Trader & Shipper, Netherlands



Dortmunder Energie- und Wasserversorgung GmbH. Supplier, Germany

DEW2I

New service provider member:

EXXETA



Membership by category



Traders & Shippers (34)



Producers (8)



Service providers (16)



Distribution System Operators (4)



Suppliers (15)



LNG System Operators (3)



Transmission
System Operators
(14)



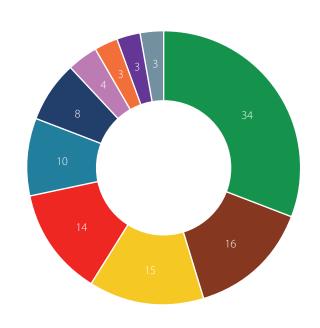
End-users (3)



Storage System Operators (10)



Prosumers (3)



Board of Directors



Michael Sostmann,
Open Grid Europe
Chair

Gas Industry Segment: Transport System Operator



Guillaume Vens, GRTgaz Treasurer

Gas Industry Segment: Transmission System Operator



Anita Nyvold, Yara International Board Member

Gas Industry Segment: End-user and Final Customer



Luis Ignacio Parada, Enágas Advisory Panel Chair

Gas Industry Segment: LNG System Operator



Frode Skjæveland, Equinor Secretary Gas Industry Segment:

Producer



Bart Cornelis, Eni Vice Chair Gas Industry Segment: Supplier

The EASEE-gas Board met regularly throughout the year – 4 virtual meetings and 4 in-person ones were organised.

Board meetings - 2024

- 29–30 January In person in Geneva
- 22 February Virtual
- 21 March In person in Nice
- 24 April In person in Madrid
- 19 June Virtual
- 9 October In person in Brussels
- 22 November Virtual
- 5 December Virtual





Members



Bart Cornelis Board liaison Company: Eni

Gas Industry Segment: Supplier





Peter van Wesenbeeck Chair of the Gas Quality Harmonisation Working Group Company: Nederlandse Gasunie

Gas Industry Segment: TSO, SSO







Dirk Serruys Chair of the technology Standards Working Group

Company: Fluxys

Gas Industry Segment:

TSO, SSO, LNG SO









Oliver Schirok Chair of the Message & Workflow Design WG & Gas Role Model Task Force

Company: VNG Handel & Vertrieb

Gas Industry Segment: Trader & Shipper, Supplier





About

The Coordination Committee is a committee connecting the chairs of the Working Groups of EASEE-gas together with one representative from the Board. The WG' secretaries and the chairs of Task Forces are also invited to take part in the meetings when relevant and possible. The committees main purpose is to ensure a regular and updated information exchange about the activities performed by the Working Groups in relation to the objectives listed in the Strategic Plan of EASEE-gas. The chairs of the Working Groups are also invited to take part in some of the Board meetings to report directly to the Board on the status of the Working Group activities.

Participation

Participation in the Working Groups is only open to EASEE-gas member companies. If you are a member and want to get involved in one or several Working Groups, please contact the EASEE-gas Secretariat or the chair of the Working Group. The group had 1 virtual meeting in 2024.



The Message and
Workflow Design Working
Group analyses business
requirements and transcribes
them into message content/
application definitions,
including modifications and

enhancements of the existing



Edig@s messages. The working group is Chaired by Oliver Schirok from VNG Handel & Vertrieb GmbH.

2024 achievements:

- Edig@s promotion & awareness
 - Conducted a workshop with SSO's
- CBP updates
 - Constraints
 - Edig@s format
- Participated and presented in data exchange & cyber security workshop
- Launched a public consultation for hydrogen and CO₂
- Issued a position aper on the Edig@s format connected to the REMIT
- Launched a public consultation for hydrogen and CO₂

What we want to achieve in 2025 and beyond:

- 1. Monitor the regulatory frameworks
- Network code changes
- REMIT process
- 2. Review current processes and documentation
- Capacity process
- ACKNOW
- MARSIT
- Business continuity and disaster recovery
- 3. Edig@s promotion & awareness
- Catch-up and reach out to SSO's
- Workshop for new web-site design and documentation publication & CBP's
- Provide input for validation rules and priority for the Edig@s validation tool

- 4. Monitor the development of new gas markets (e.g Hydrogen and CO₂)
- 5. Maintenance of version 6.1
- 6. Analyse the feasibility for data exchange using API's together with TSWG (PUSH)
- 7. Participate in joint workshops (ENTSOG and TSWG)



Gas Quality Harmonisation Working Group

The Gas Quality Harmonisation Working Group (GQHWG) is chaired by Peter van Wesenbeeck from Nederlandse Gasunie. The activities carried out in 2024 were focused on hydrogen One of the strengths of the GQHWG is that almost



all stakeholders involved in the gas value chain are present in our working group and therefore the GQHWG can focus on deriving solutions based on consensus. The GQHWG is a small group and new members are more than welcome to join. If you are interested in being more involved in gas quality issues there is an urgent vacancy for the secretary position.

2024 Achievements

 The GQHWG, in collaboration with DNV KIWA, has conducted a study on the optimum hydrogen quality in Europe. This optimum hydrogen quality in the transmission network needs to result in minimum overall purification costs across the entire energy chain. The study is based on the methodology used in the Netherlands at the request of the Dutch Ministry of Economic Affairs and Climate Policy but adapted to fulfil the European conditions. The preliminary study results have been shared with the GQHWG Core Team, and the official publication of the results through the EASEE-gas website is scheduled for the spring of 2025.in November, a presentation was given at the ENTSOG Gas Quality workshop on the goal and set-up of aforementioned study.

• This year, significant effort has been invested by CEN (European Standardization Organization) in revising the European standard EN 16726 defining the requirements for H-gas. The EASEE-gas GQHWG has primarily monitored the developments in this area but was also able to contribute to the revision process. Issues specifically relevant to certain stakeholders in the value chain have been raised through the interest groups representing these stakeholders, and not through the EASEE-gas GQHWG.

What we want to achieve in 2025 and beyond:

1. Already in 2023 the GQHWG expressed their interest to investigate the possibilities for end users of sensitive applications to benefit from information on the actual gas quality to at least partly mitigate the effects of variations in the gas quality. Although a questionnaire was prepared for this goal by the GQHWG this was not send out in 2024 partly due to other priorities and partly as a consequence of the long term absence of a GQHWG secretariat. The GQHWG is planning to start this delayed activity in 2025.

2. Continue to inform and exchange information / knowledge with CEN / ENTSOG and Marcogaz.



This group develops and supports communication standards for the exchange of gas business information between the various market players. The group is chaired by Dirk Serruys, Fluxys Belgium.



2024 activities

- Together with the provider CA Digicert for the EASEE-gas security certificates we validated a new platform for security certificate issuing as the previous system was tagged obsolete. All new certificates from now on will be provided from this new platform. Together with this technology migration we adapted our internal process for certificate management. In that regard PSvd will adopt a new role as certificate coordinator. This should fluidify the onboarding of new members when requesting an EASEE-gas certificate and when re-issuing certificates after their validity period. We collaborated with ENTSO-g on the version 4.0 of the AS4 communication profile. This should guarantee that the security context for our AS4 communication is fit for purpose for the upcoming years. We continued to improve the easeeconnect platform for management of communication profiles. We are currently at 32 registered users.
- We worked together with ENTSO-g on a joint workshop on data exchange where we re-explained the benefits of using our easee-connect platform for the management of communication profiles and gave a presentation on the communication landscape and how the EASEE-gas standards can help to lower risk and cost of communication systems.

What we want to achieve in 2025 and beyond:

We need to define how we will approach the certificate change in 2026. Will we continue with the Migration of Certificates projects or will the community be able to make the shift to using the Agreement Update specification?

Topics still need to be defined but we will assist in organizing a workshop on data exchange together with ENTSO-g in 2025.

We will continue advertising the benefits of working with a platform like easee-connect and hope to invite/convince as much participants as possible.

Special announcement



Wim de Olde from Gasunie decided to leave the EASEE-gas organization. He held the role of secretary of the TSWG for many, many years and was a much-valued member of the group. We want to thank him for all the effort and work he put into the different realizations of the TSWG and the EASEE-gas cause in general. Wim, thanks for everything!

David Magryta from Thyssengas will succeed Wim as secretary for the TSW as from the GMoM 2025. Thanks, David, for taking up this task and guaranteeing a smooth transition!

Invitation to participate in a Working Group

Participation in the Working Groups is open to EASEE-gas member companies. If you are a member and want to get involved in one or several Working Groups, please contact the EASEE-gas Secretariat or the chair of the Working Group.

Our Working Groups' achievements highly depend on the member's participation! We are always looking for new members and growing our working groups.

If you think a specific working group is missing, please get in touch with the Secretariat so we can get the right people involved.





The Advisory Panel

In 2020 the role of the Advisory Panel was reviewed. One of the objectives set by the Board was to leverage the Advisory Panel and to turn it into a platform for the exchange of information and ensure coordination of actions between the major industry associations in the gas



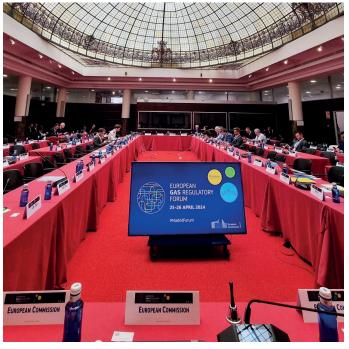
sector. Hydrogen Europe, ENTSOG and the European Biogas Association were invited to join the group.



Madrid Forum

Members

Energy Traders Europe	Eurelectric
IOGP	Eugine
Eurogas	EUTurbines
USG	GIE
IFIEC	Marcogaz
E-Control	ENTSOG
CEN TC 234 Secretariat	Hydrogen Europe
CEN TC 234 Chair	European Biogas Association



Communications

In 2024 there was a continued focus on the overall EASEE-gas communications efforts. This included communicating the achievements of the working groups both on the website, through LinkedIn, and via the newsletter. Furthermore, we launched a campaign focusing on promoting EASEE-connect to ensure more registrations throughout 2024. SharePoint has also been updated regularly by the secretariat and the members of the three different working groups. If you don't have access yet, please get in touch with the secretariat.

One of the most impactful communications initiatives of 2024 was the comprehensive redesign of our website, aimed at significantly enhancing visibility and improving the overall user experience. This strategic upgrade was officially unveiled at GMoM 2024, offering our members an advanced, seamless platform tailored to meet their needs more effectively. The new website combines a user-friendly interface with an upgraded, visually appealing design, reflecting our commitment to modernity and accessibility. By prioritizing functionality and aesthetics, we have created a digital space that not only serves as an essential resource for our members

but also strengthens our organizational identity and presence in the digital landscape.

Throughout the year, the EASEE-gas Communications
Department has actively collaborated with Working Group
(WG) Chairs to support and enhance the association's key
initiatives. This collaborative effort has encompassed a wide
range of activities, including organizing and managing public
consultations, conducting comprehensive member surveys
to gather valuable feedback, and updating Common Business
Practices (CBPs) to reflect the evolving needs of the industry.

Additionally, the department has played a pivotal role in representing EASEE-gas at external events, ensuring the association's voice is heard on critical issues. It has also been responsible for developing and disseminating member communication materials, aimed at keeping the membership informed and engaged with the latest developments, initiatives, and opportunities within the association. These efforts have been instrumental in driving EASEE-gas's mission forward and strengthening its connection with stakeholders.



Events

GMoM 2024

The biggest yearly event for EASEE-gas is our General Meeting of Members, better known as the GMoM. The EASEE-gas General Meeting of Members (GMoM) 2024 in Nice brought together industry leaders to discuss key developments, strengthen collaboration, and shape the future of the European gas sector. Placed at Hôtel Aston La Scala, the event featured task force and working group meetings on gas quality harmonisation, technology standards, and message workflow design. Engaging presentations from external speakers and strategic board discussions enriched the programme, while networking dinners fostered connections. We thank all participants for their contributions and look forward to the next GMoM!

Workshops(WG Chairs)

29–30 October 2024 / Workshop on Data Exchange and Cybersecurity (ENTSOG, EASEE-gas and GIE)

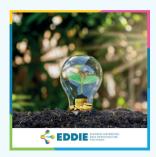
27 November 2024 / Gas Quality Workshop 2024 (ENTSOG)

03 June 2024 / EASEE-gas Storage and LNG Operations Workshop



Project EDDIE

Project EDDIE is an EU funded project to develop a data space infrastructure for the energy sector. EDDIE creates a decentralised, distributed, open-source Data Space, aligned with directions of the work on the Implementing Acts on Interoperability, the upcoming Network Code on Demand



Response and other European activities. Its main objective is the empowerment of the final customer in the energy transition, creating energy awareness and helping prevent congestion through data sharing. Although targeted at the electricity domain, future compatibility with the gas world is anticipated and acted upon.

In its second year we received an extensive assessment of our work over the past 18 month by the European Climate, Infrastructure And Environment Executive Agency (CINEA). We are proud to have achieved all milestones and objectives, with a few recommendations for the remaining period. The demonstrators for connecting several EU member states, publications in scientific research, gathered feedback from roundtable sessions and dissemination through project website, workshops, conferences and press releases, were praised specifically.

Particularly challenging was the connection to the final customer's P1 smart meter interface through our own developed AIIDA (Automated Inhouse Interface for Data Access). This enables the secure streaming of near-real time data for sharing through the EDDIE platform with proper consent. The development team did a great job here and reaching Technology Readiness Level (TRL) 6 in process.

The achievements of Project EDDIE so far have been widely noticed. We were invited to actively participate in the EU BRIDGE initiative. BRIDGE is a collaborative platform for

183 European research and innovation projects, all funded under the Horizon 2020 and Horizon Europe programs. EDDIE explores new territories in data exchange messaging, extending existing data communication standards (IEC 62325) and helping new ones (IEC 62746-4) gain momentum. For instance, with the residential home energy demonstrator we incorporated the final customer's solar PV, stationary battery and bi-directional chargeable electric vehicle into the flexibility domain. Results and lesson learned are fed into the standardization working groups and the legislative preparation of the ENTSO-E and EU DSO Entity (working under the Joint Working group banner) on new regulation for Demand Response.





EASEE-gas

Contact

The EASEE-gas is run by Kellen, an association management company.

Would you like to join EASEE-gas, or do you have questions? Please contact the Secretariat directly via the email below.

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