

May, 2026

Quarterly magazine

From Brussels to Tokyo, key e-NG decisions are converging. This first edition tracks the regulatory, diplomatic, and market developments that matter most.

e-NGAGE

Where e-NG momentum begins

Free to discover



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MEMBER'S SPACE



EDITOR'S LETTER

IT IS A PLEASURE TO INTRODUCE THE FIRST EDITION of the **e-NG Coalition Magazine**, a publication created to capture the momentum, ambition, and collective expertise driving the global e-NG value chain.

This inaugural issue reflects a sector that **is no longer speaking in hypotheticals** but demonstrating real progress in scaling solutions that can deliver both climate ambition and energy resilience.

As Co-founder and Chair, I have the privilege of witnessing what happens when innovators, policymakers, industry, and partners refuse to wait for change and instead choose to build it. This is the beginning of a new platform, one that will spotlight innovation and showcase e-NG as a cornerstone of global decarbonization. I hope these pages inspire you as much as they have inspired us, and I look forward to continuing this journey with all of you as we shape the next chapter of clean, scalable, and globally accessible energy. ■

Kristiana Gjinaj

Kristiana Gjinaj, Co-founder and Chair



EVERY MOMENT BEGINS WITH A FIRST STEP, or a first page. This is the very first edition of the e-NG Coalition Magazine, and while the ink may be fresh, the conviction behind these pages has been forged over years of showing up, speaking out, and refusing to let the urgency of the energy transition go unanswered.

We live in a time that policy creates bold demands, rigorous evidence, and the courage to imagine an energy system that serves people and planet alike. This quarterly magazine was created to demonstrate how ideas meet action, technical progress meets human purpose, and to give the people driving change, the platform their work deserves.

The challenges ahead are real, but the e-NG Coalition continues to show what is possible when organizations unite around a shared goal. Let the ideas here remind you why this mission matters and renew your sense of what we can achieve together. ■

A handwritten signature in black ink, consisting of stylized letters 'R' and 'A' with a horizontal line extending from the 'A'.

Rafik Ammar, Policy Director



ABOUT

What's e-NG?

ee-NG, **ELECTRIC NATURAL GAS**, also referred to as e-methane, or synthetic methane, is a **CARBON-NEUTRAL SYNTHETIC GAS**. It is produced on the basis of renewable hydrogen and methanation with CO₂.

The hydrogen and CO₂ are combined through the methanation process, which uses a catalyst to convert the two feedstocks into methane. **E-NG IS CHEMICALLY INDISTINGUISHABLE FROM CONVENTIONAL NATURAL GAS** that is globally traded and consumed today. ■

What do we do?

TThe e-NG Coalition is an **ALLIANCE** of leading international and national companies (public and private) working to accelerate the development and deployment of electric Natural Gas (e-NG) as a pivotal solution for global energy transition.

Founded at the end of 2024 by **8 MAJOR ENERGY PLAYERS**, our Coalition is continuously expanding and counts 23 leading international Members across all segments of the e-NG value chain, creating a robust network of organizations dedicated to advancing e-NG deployment and market development worldwide. ■

+ [Find more HERE](#)

ACHIEVEMENTS

**23**

Members from 10 countries and 3 regions

**1,600**

Followers on LinkedIn

**10**

2 committees, 5 working groups and 3 task forces in place

**4**

Technical studies completed and one ongoing

**36**

Meetings organized with members

**6+**

Joint letters

**3**

Webinars online

**22+**

Public consultations answered

**12**

informal groups in which we participate

**30+**

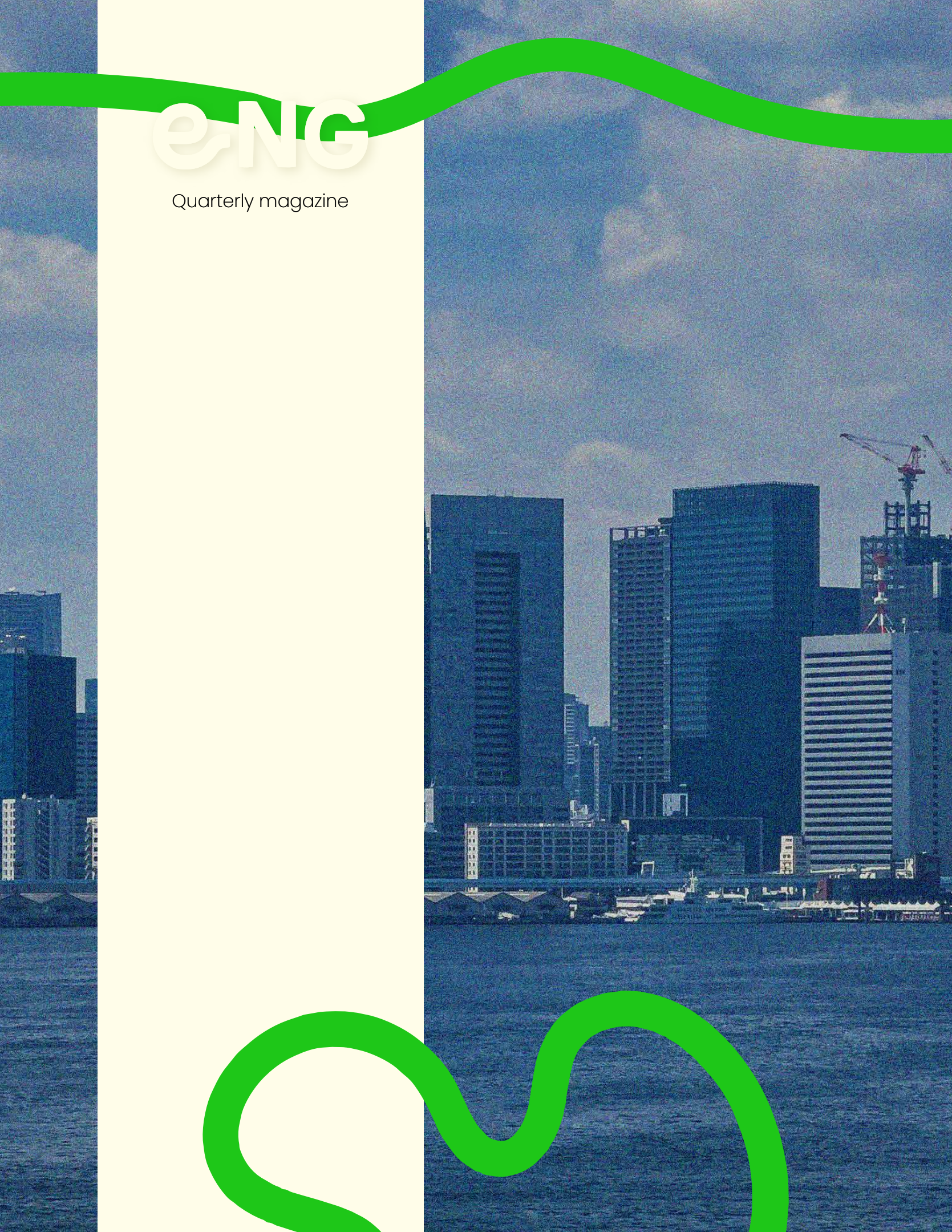
Participation in panel discussions and international events





e-NG

Quarterly magazine



IMPACT IN NUMBERS



PROJECTS WORLDWIDE

We track 150+ e-NG projects globally, providing monthly updates on capacity, timelines, CO₂ sourcing, and methanation pathways.



MT OF e-NG BY 2031

At 1.3 Mt projected by 2031, the e-NG pipeline signals real momentum and highlights the need for policy support and investment.



% OF GLOBAL PIPELINE

Our members develop around 80% of the global synthetic methane project pipeline, reflecting the full breadth of our commitment.




WHAT WE ARE BUILDING TOGETHER



FIRST GLOBAL e-NG VIEW

In close collaboration with GENA Solutions, we developed and launched the world's first interactive map of Electric Natural Gas projects.

This tool consolidates verified data from over 130 facilities worldwide and is updated on a monthly basis to ensure its accuracy and relevance. Each project entry displays key parameters: name, location, owner, installed capacity, hydrogen origin, and current development status – covering all stages from announced start-up dates and feasibility studies through to engineering and full operation. Users may filter results by region, country, project stage, hydrogen source, and capacity range. The map offers policymakers, investors, and industry professionals a transparent, data-driven view of where the e-NG sector stands today. Deeper analytical insights and access to the full project database are reserved exclusively for members. ■

 [Find more HERE](#)



GHG COUNTING

e-NG AT SCALE

The GHG Protocol is the world's leading corporate emissions accounting standard, yet it has long lacked clear guidance for companies seeking to account for renewable gas purchases in their Scope 1 inventories. Under current rules, a company that acquires e-NG through a certified system sees no improvement in its reported emissions, regardless of the climate benefit of that purchase. This gap weakens investment signals and delays the Final Investment Decisions the sector needs.

We have been working to close this gap. As one of the coordinators of the Let Green Gas Count campaign, now backed by over 230 organizations worldwide, we built a collective effort to reform how e-NG is recognized within corporate GHG accounting. Our Policy Director, *Rafik Ammar*, sits within the GHG Protocol Coalition leading group and was mandated to draft High-Level Recommendations, finalized through extensive member consultation. These establish six quality criteria for certificate-based claims, clarify life-cycle emissions reporting across Scope 1, 2, and 3, and call for recognition of contractual instruments, including Guarantees of Origin, Proof of Sustainability, and Renewable Thermal Certificates.

As campaign coordinator, we issued formal letters to the GHG Protocol Steering Committee, submitted our response to the ISCC PLUS consultation, and are advancing a joint SBTi letter under the Let Green Gas Count banner. Following our February 2026 statement, the GHG Protocol signaled openness to exploring alternative treatments for biogenic emissions.

Three workstreams remain active ahead of AMI Phase 2, where operational rules for renewable gas accounting will be defined. ■

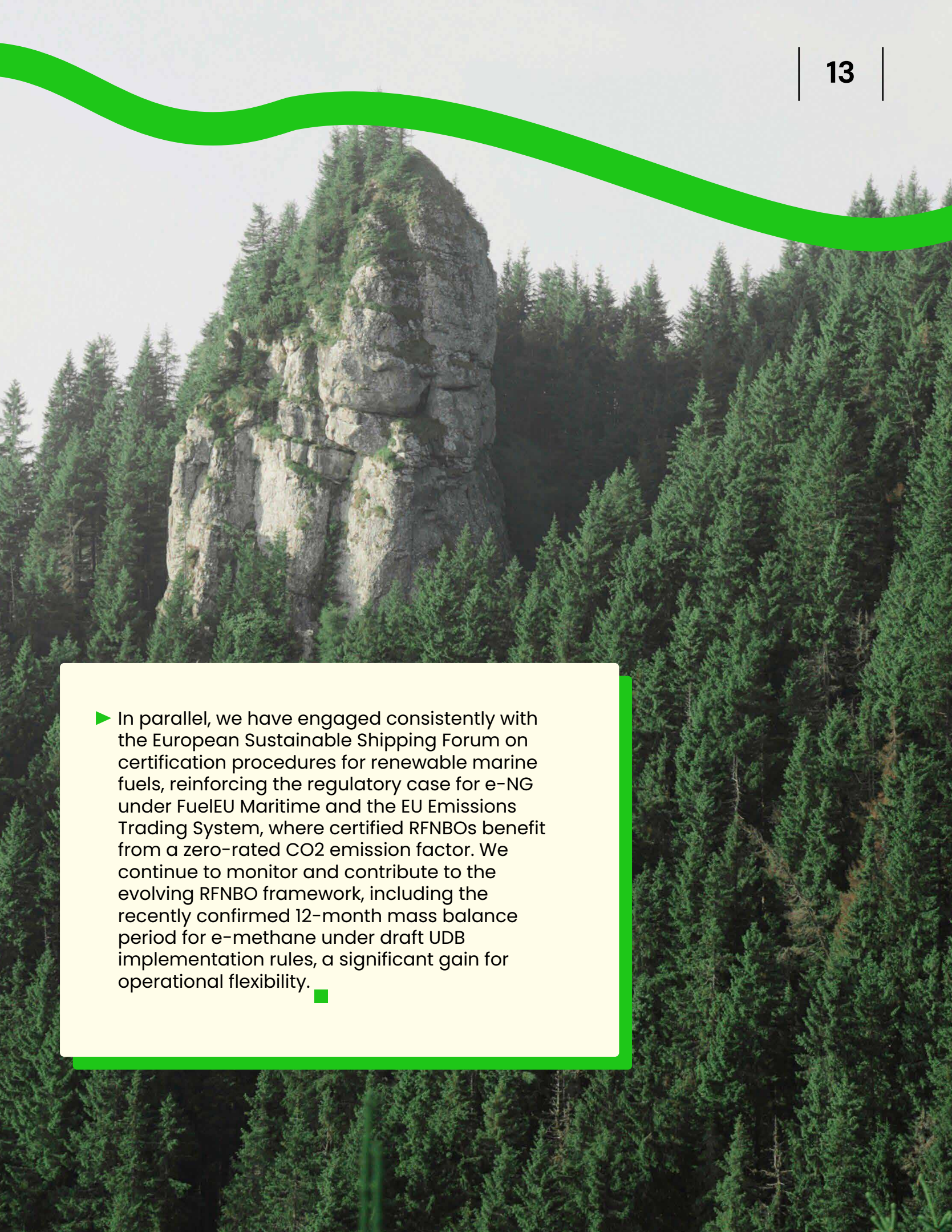
[+](#) Find more [HERE](#)

FIRST e-NG RFNBO MARK

When GrønGas, based in Denmark, received ISCC certification, in November 2024, for producing e-NG under the RFNBO framework, it became the world's first producer to achieve this status. The milestone confirmed what our community has long advocated: e-NG is not a future technology. It is a certified, traceable, and market-ready fuel. For the sector as a whole, this recognition carries weight far beyond a single company. It establishes a replicable proof point and signals to investors, regulators, and offtakers alike that the pathway to certification is real and navigable.

This achievement did not emerge in isolation. Our work on the certification architecture that made it possible has been sustained and deliberate. We submitted formal feedback to the ISCC public consultation on its Mass Balance Guidance, a document foundational to how renewable fuels like e-NG are certified and tracked under EU sustainability frameworks. We also submitted a formal response to the ISCC PLUS consultation, contributing directly to the rules governing how certificate-based claims are treated across compliance systems. ►



- 
- ▶ In parallel, we have engaged consistently with the European Sustainable Shipping Forum on certification procedures for renewable marine fuels, reinforcing the regulatory case for e-NG under FuelEU Maritime and the EU Emissions Trading System, where certified RFNBOs benefit from a zero-rated CO₂ emission factor. We continue to monitor and contribute to the evolving RFNBO framework, including the recently confirmed 12-month mass balance period for e-methane under draft UDB implementation rules, a significant gain for operational flexibility. ■

OUR MILESTONES



COP30

BELÉM 4X PLEDGE ON SUSTAINABLE FUELS

At COP30, **e-METHANE ACHIEVED A HISTORIC MILESTONE**: for the first time, it is explicitly named in a COP-level pledge on sustainable fuels.

The Belém 4X Pledge, signed by more than 23 nations including Canada, Italy, India, Japan, Brazil, and the Netherlands, places e-methane alongside biogases, biofuels, renewable hydrogen, and other e-fuels. This recognition reflects growing international commitment to deploying sustainable molecules and reinforces the strategic position of e-NG in national decarbonization agendas.

The Sustainable Business COP30 Transition Finance and Investment Working Group **EXPLICITLY CONSIDERS e-METHANE AS A LONG-TERM SOLUTION** for hard-to-abate sectors.

As the cost of renewable electricity and green hydrogen declines, e-fuels such as e-methane will become **viable alternatives to fossil fuels**.

Maritime is highlighted as a priority sector, where e-LNG holds strong decarbonization potential.

This signals growing recognition of e-methane's decarbonization potential in global shipping.

WEF FUELLING THE FUTURE WHITE PAPER

Published in January 2026 by the World Economic Forum, the Fuelling the Future White Paper represents a milestone for e-methane.

THANKS TO THE DIRECT CONTRIBUTIONS OF OUR MEMBERS, the molecule is explicitly referenced in the document. The paper recognizes a lifecycle GHG intensity of 0 to 5 gCO₂e/MJ and compatibility with existing engines, pipelines, and storage.

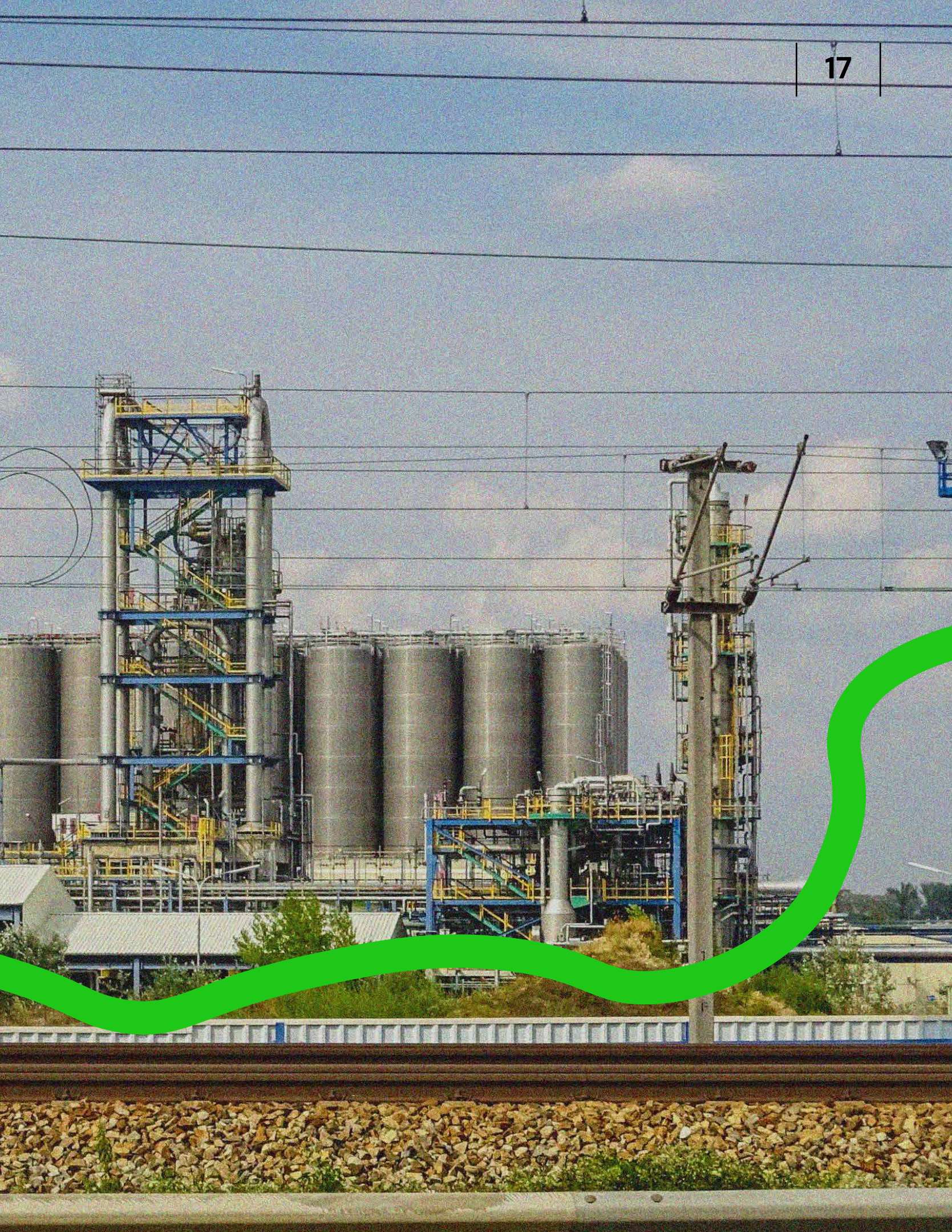
This drop-in advantage further reinforces e-methane's position as one of the most deployment-ready clean fuel options for the near-term energy transition.

EU HYDROGEN MECHANISM

The EU Hydrogen Mechanism is the European Commission platform connecting European offtakers with global and regional producers. Following advocacy work from the Coalition, e-methane is now explicitly listed in the platform's hydrogen derivatives categories.

This listing strengthens the visibility of e-methane **IN THE EU ENERGY MARKET** and ensures it benefits from the same demand aggregation and offtake signals as hydrogen.

By connecting buyers and sellers, the platform opens market access for e-NG project developers.



OUR MEMBERS OUR STRENGTH

News, innovations

LIVE OAK : CROSS-BORDER e-NG

Five Coalition members are advancing the **LIVE OAK PROJECT IN NEBRASKA**, United States: TotalEnergies and Tree Energy Solutions (TES), who initiated the venture and each retain a 33.35% stake, alongside Osaka Gas, Toho Gas, and ITOCHU, whose combined 33.3% participation was formalized through a Joint Development and Operating Agreement signed in December 2025.

TotalEnergies and TES bring to the project both the founding vision and the technical foundation, building on a strategic partnership established in 2023 to pioneer large-scale e-NG production. Nebraska was selected deliberately: its bioethanol plants provide abundant biogenic CO₂, while growing regional renewable power capacity enables

low-carbon electrolysis at scale. The FEED phase is now underway, targeting 250 MW of electrolysis capacity and 75 ktpa of methanation output.

The participation of Osaka Gas and Toho Gas is not merely financial. Both companies are the designated primary offtakers for e-NG exports to Japan, directly serving their shared objective of injecting 1% carbon-neutral gas into the Japanese gas grid by 2030. Live Oak is a cornerstone of their respective decarbonization roadmaps.

ITOCHU, acting as coordinator of the Japanese consortium and a member of the e-NG Coalition, reflects its broader commitment to advancing e-NG as a credible, tradeable energy vector across global supply chains.

[Find more HERE](#)

ENGIE DECARBONIZED GAS MIX

In its 2025 ESG report, ENGIE sets out a quantified vision for the decarbonization of methane in Europe, assigning a structurally important role to e-methane alongside biomethane and natural gas with carbon capture and storage.

European methane **DEMAND IS PROJECTED TO FALL BY 45% BY 2050**. Yet ENGIE's analysis makes clear that lower demand does not mean diminished complexity: the remaining supply must be fully decarbonized across three distinct pathways. By 2050, the Group estimates the European methane mix will be divided roughly equally between biomethane and biogas, e-methane, and natural gas with CCS. ENGIE is explicit about maturity timelines. Biomethane today represents less than 5% of European

methane demand and must scale fivefold by 2050. E-methane remains at an early stage but it is expected to start reaching market scale in the middle of the next decade. This realistic staging of technologies reflects the report's broader credibility.

The report also addresses Europe's structural import dependence, currently around 85% for natural gas, **PROJECTED TO FALL TO 55% BY 2050**, primarily driven by domestic biomethane. The bulk of e-methane supply is expected to be imported, reinforcing the importance of international project development. ENGIE's own targets anchor this trajectory: 10 TWh of biomethane production and 4 GW of electrolysis capacity, both by 2035.

[+](#) [Find more HERE](#)

TES enters Pre-FEED phase

OX2, Södra, and TES are advancing into **THE PRE-FEED PHASE FOR AN E-NG FACILITY AT THE VÄRÖ PENINSULA IN VARBERG**, Sweden. This step follows a January 2025 Letter of Intent and a completed initial feasibility study. The partnership brings together complementary expertise across the full value chain: Södra supplies biogenic CO₂ captured from its pulp mill, OX2 contributes large-scale renewable energy development, and TES provides e-NG production technology and global project experience. Designed to produce 1.2 TWh of e-NG annually, the facility would represent more than a fourfold increase in Sweden's domestic production of fossil-free gas.

[+](#) [Find more HERE](#)

GLOBAL ENGAGEMENT

AS THE WORLD GATHERS TO RETHINK ITS ENERGY LANDSCAPE, WE BRING THE VOICE OF e-NG INTO ROOMS WHERE DIRECTION BEGINS TO FORM



IMO Net-Zero

The recent negotiations at the International Maritime Organization (IMO) in London have **SOLIDIFIED THE STRATEGIC DIRECTION** for our industry's transition to a low-carbon future.

During the ISWG-GHG 21 and MEPC 84 sessions held in April 2026, we saw significant technical progress that directly bolsters the investment signal for renewable fuels. Most notably for the e-methane and renewable gas sectors, well-to-wake accounting remains the bedrock of the IMO Net-Zero Framework (NZF), ensuring that the full lifecycle of emissions is accurately measured and rewarded. While the formal adoption of the framework is now expected for December 5, 2026, the political momentum is undeniable, ▶

with a clear majority of delegations supporting the current package. As we look ahead to the final refinements later this year, the preservation of the Net-Zero Fund and the Sustainable Fuel Certification Scheme provides us with the regulatory clarity needed to accelerate our collective path toward a net-zero maritime industry. ■

GLOBAL ENGAGEMENT



Climate Week in New-York

Key contributions included delivering GHG Protocol recommendations for green gas reporting and advancing financial models for hard-to-abate sectors. By aligning with the IMO's Net Zero framework, we continue to secure recognition for e-LNG in maritime decarbonization. We are turning technical work into the concrete policies shaping our sustainable future.

At NYC Climate Week 2025, our Coalition ensured **e-NG REMAINED CENTRAL TO GLOBAL CLIMATE ACTION**

Represented by our Policy Director, Rafik Ammar, across nine high-level dialogues, we championed e-methane's role in international frameworks. ▶

General Assembly Brussels



Our General Assembly in Brussels on February 10, 2026, marked a turning point for the global e-NG market. Bringing together leaders from 10 countries, we transitioned from discussing feasibility to accelerating industrial scale-up. Insights from the European Commission and Argus Media confirmed that e-methane is now a central pillar of the hydrogen economy, supported by emerging pricing pathways and EU funding instruments. Experts from STX Group and CO2 Value Europe emphasized that while technical proof exists, our focus now shifts to securing the regulatory certainty and certification needed for bankability. We are no longer just planning; we are building the infrastructure for global deployment. ■

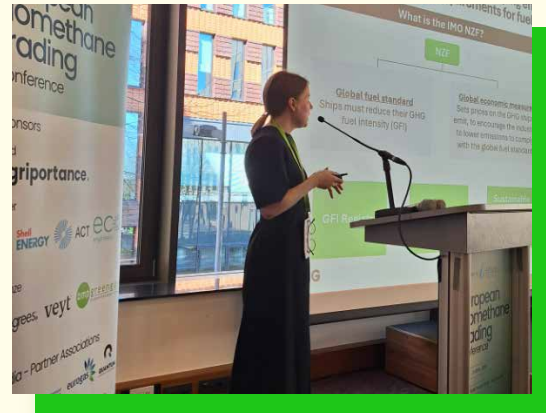
EVENTS

WHERE OUR COMMUNITY MEETS, ALIGNS,
AND MOVES FORWARD TOGETHER



Global Maritime Decarbonization Summit

Amsterdam, Netherlands, **5-7 May 2026**. Represented by: **Rafik Ammar, Policy Director**.



European Biomethane Trading Conference

Amsterdam, Netherlands **21 April 2026**. Represented by: **Alexandra Popova, Policy Officer**.



Renewable Energy Markets Asia 2026

Singapore **21-22 April 2026**. Represented by: **Rafik Ammar, Policy Director**.



ATEE Power to Gas Club Plenary

Paris, France **26 March 2026**. Represented by: **Mariana Tostes, Communications Officer**

NEWS

ARTICLES TAILORED FOR
THE E-NG COMMUNITY



Two weeks of negotiations in London

Two weeks of negotiations in London produced solid technical groundwork and a clear political picture. Although formal adoption was not the outcome, the NZF held.

[+ Find more HERE](#)



Germany's proposed green gas quota

Germany's proposed green gas quota: instead of asking people to replace their boilers, it would make the gas itself cleaner.

[+ Find more HERE](#)



Renewable LNG supply chain

How mass-balance accounting can turn existing gas infrastructure into a renewable LNG supply chain for global shipping.

[+ Find more HERE](#)



A decisive week

A decisive week for one of the most important maritime decarbonization decisions of the year.

[+ Find more HERE](#)

Upgrade your fuel.

We believe in returning to the source. As a welcome gift to the e-NG Coalition, our members and partners received sustainable oil as a give away, a premium, cold-pressed olive oil. The original 'high-performance fuel' for a healthy life.



**Limited edition.
You want one? Join us!**

MEMBER'S SPACE

Supporting Collaboration Across the Coalition





As the e-NG Coalition enters its second year, our community has grown.

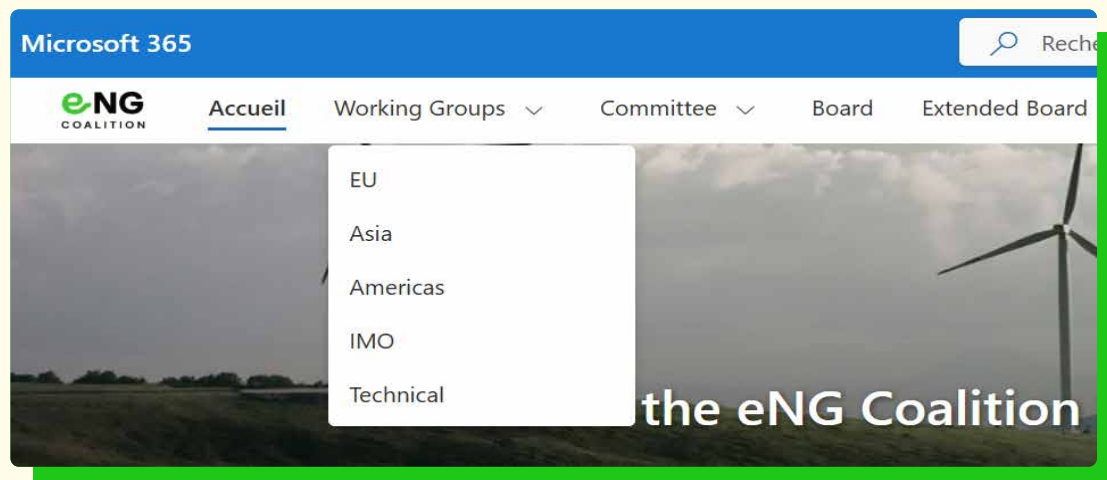
With that growth comes a responsibility: **KEEPING EVERY MEMBER CONNECTED, INFORMED, AND EQUIPPED TO ACT.** That's why we built the Member Space.

A Coalition is only as strong as its connections. We knew that to move faster on e-NG deployment, our members needed one place where everything is available, secure, and tailored to their role within the Coalition. ■

[+ Find more HERE](#)

Four key sections

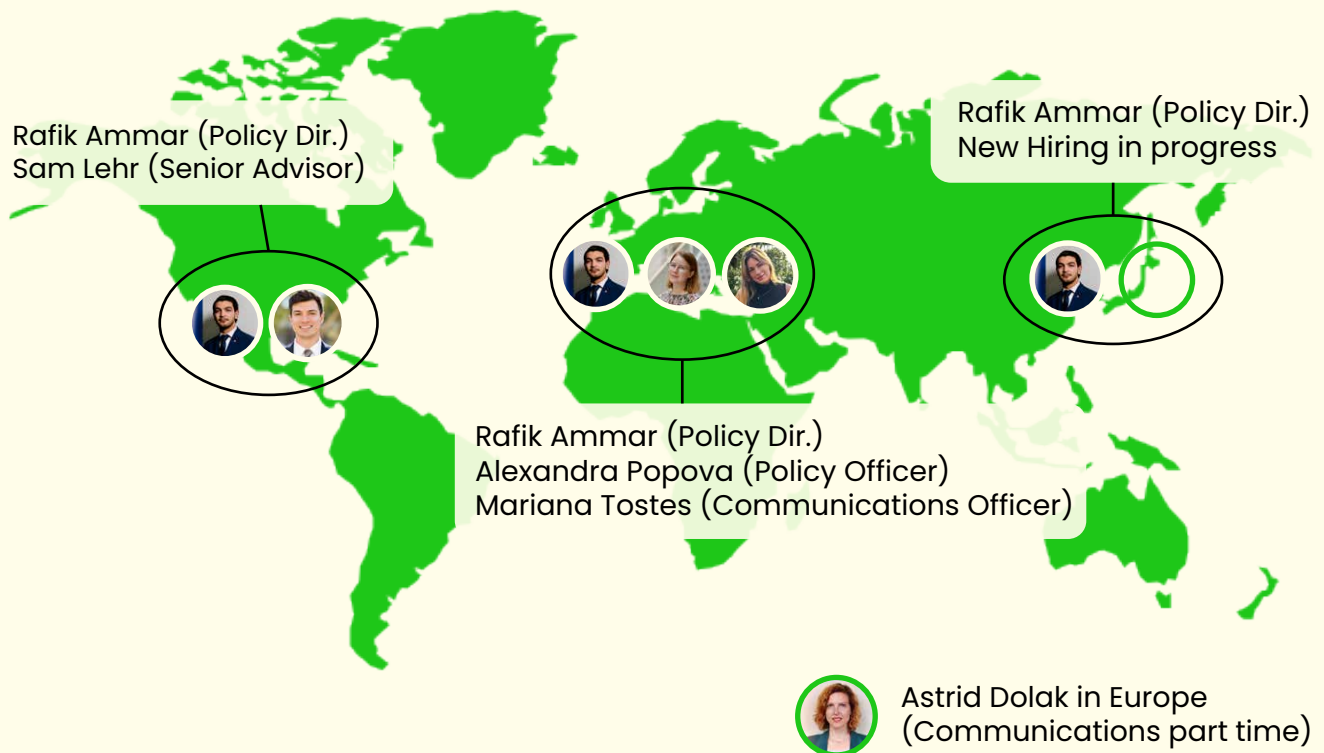
-  **News**
Latest updates and announcements
-  **Studies & Tools**
Dynamic library based on permissions
-  **Global Monitoring Map**
Embedded Excel visualization
-  **Meet the Team**
Coalition member directory



Our members



Our team around the world



SPECIAL THANKS

A first edition is always a collective achievement. We created this magazine because we believe that the energy transition is one of the defining challenges of our time, and e-NG has a real role to play in it. Communicating that clearly and rigorously is itself one of the most important parts of the work. Every page here is a small contribution to that effort.

This edition also reflects the people behind it. Astrid's creativity and initiative set everything in motion, while Audrey and Auriane's work gave this publication the editorial feel and identity it deserved. The technical depth on every text comes from the continuous policy work of Rafik, Alexandra, and Sam, whose expertise is at the heart of what we stand for. Behind the scenes, Samir's digital support helped keep everything running smoothly.

As the e-NG Coalition advances its mission, we will deepen the evidence, refine the narrative, and carry this transition forward with clarity and intent. Together, we have made something to be truly proud of, and we will continue to work with the same conviction and passion that brought this magazine to life.

Thank you to everyone who contributed to making this a reality.

Mariana Tostes - Communications Officer

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