



Hosted by DGC, DVGW and Gasunie

A MARCOGAZ and GERG event

EGATEC2024

The 6th European Gas Technology Conference

Supported by ERIG

Hamburg, Germany
18-19 June
2024



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ORGANISERS



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Conference Programme – EGATEC 2024

About EGATEC 2024

The European Gas Technology Conference 2024 (EGATEC 2024) brings high-level representatives from the European gas industry, universities, companies, and many other stakeholders together.

EGATEC is at the cutting edge of the technical changes happening in our industry today. It provides a platform to exchange knowledge and experience on the challenges and opportunities the energy transition and decarbonization efforts.

The EGATEC 2024 will consider and discuss new strategies and innovative ideas to facilitate the gas industry's contribution to net-zero goals and upscaling state-of-the-art technologies including new gases and power-to-gas.

Organized under the auspices of MARCOGAZ and GERG, the conference takes place on 18-19 June 2024 in Hamburg. The conference is hosted by the Danish Gas Technology Center (DGC), the German Technical and Scientific Association for Gas and Water (DVGW), Gasunie and supported by the European Research Institute for Gas and Energy Innovation (ERIG).



Additional Side Events at EGATEC 2024



Get-together the evening before official conference start for casual chats and the time to get to know each other



Scientific Poster Exhibition with poster presentations by GERG Young Researchers on day 1 and a poster breakfast on day 2



Evening Event at Hard Rock Café Hamburg on 18th of June 2024 with barbeque dinner and drinks



Introduction of new MARCOGAZ president and Award Ceremony of the GERG Young Researchers' Awards during evening event

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“EGATEC is dedicated to the crucial challenges of our time. It is the most important conference for the exchange of managers, experts and scientists. EGATEC offers the opportunity to learn about the latest advances and innovations, making it a great place for collaboration. Only together we can achieve these essential goals of making our energy system cleaner and more efficient!”



Alexander Schwanzer
Chairman of the EGATEC 2024 Programme Committee
Vice-President, MARCOGAZ

GET-TOGETHER



You are cordially invited to a get-together before EGATEC 2024 officially starts. All conference participants are welcome to attend, spend a convivial evening and share the anticipation.

- 17 June 2024, 6.30 – 9 pm
- Atlantic Hotel Hamburg

DAY 1: 18 June 2024

Topic 1 Opening and keynote

• 9 - 9.20 am

President Speeches



Liam Nolan
MARCOGAZ



Dr Murès Zarea
GERG

• 9.20 - 9.40 am

International perspective



Andrea Stegher
International Gas Union

• 9.40 - 10 am

The Essential Role of Gases in the Dutch Energy System of the Future



Dr Jarig Steringa
GASUNIE

Topic 2 Hydrogen supply in Europe

• 10 - 11.30 am

Moderation:



Thea Larsen
Board member,
Independent consultant

Impulse:

H₂ from Natural Gas - Norway



Svein-Erik Losnegård
Gassco

Hydrogen Supply to Europe - H₂ to Global



N.N.
H₂ Global

Certification of hydrogen for global trade



Barbara Jinks
Advisor on green gases

North Sea Energy Hubs with Hydrogen Production



Robert Evers
GASUNIE

Southern European Countries Perspective



Nicolas Jennison
Snam S.p.A

Panel Discussion & Open Discussion

► 11.30 - 12 am

Coffee Break

Topic 3 The hydrogen revolution

► 12 - 1 pm

Moderation:



Prof. Dr. Gerald Linke
DVGW

Impulse:

Hamburg Hydrogen Industry Grid - key building block for the climate neutral city of Hamburg



Dr. Elisabeth Ziemann
Gasnetz Hamburg GmbH

Power Production, Combined Heat and Power and Sector Integration



N.N.
Siemens Energy

Validated use of hydrogen in the heating sector for decarbonisation of the building stock



Andrea Manini
BDR Thermea Group B.V.

Spain's role in H₂ production



Naiara Ortiz de Mendibil Romo
Sedigas

Panel Discussion & Open Discussion

► 1 - 2 pm

LUNCH

 **YOUNG RESEARCHERS
AWARDS
2024**

► 2 - 3 pm

10th GERG YOUNG RESEARCHER'S AWARDS: FINALISTS' PITCHES

Topic 4 Hydrogen readiness of gas infrastructure and end use

► 3 - 4.15 pm

Moderation:



Sascha Grimm
Wien Energie

Impulse:

Conclusion MARCOGAZ Study



Gert Müller Syring
DBI

H₂ core network Germany: Development and status



Dr. Arne Dammer
Thyssengas GmbH

Underground Hydrogen Storage in depleted reservoirs with a focus on Underground Sun Storage 2030



Stefan Bauer
RAG Austria AG

H₂ Readiness of European Industrial and Domestic Uptakers



Kris De Wit
GAS.BE

Panel Discussion & Open Discussion

Topic 5 Social, environmental and safety responsibility

► 4.15 - 5.15 pm

Moderation:



José Miguel Tudela
Enagás

Impulse:

Environment, Health and Safety with hydrogen and other new gases



Marc T. Dröge
GASUNIE

Methane Emission reduction - aiming towards to Zero!



Dr Tobias van Almsick
Open Grid Europe

Safety and Integrity Applicable standards



Otto Jan Huisig
GASUNIE

Panel Discussion & Open Discussion

YOUNG RESEARCHERS AWARDS 2024

► 5.15 - 6 pm

10th GERG YOUNG RESEARCHER'S AWARDS: CEREMONY

► 7 pm

EVENING EVENT WITH INTRODUCTION OF NEW MACROGAZ PRESIDENT AND AWARD CEREMONY



Evening Event Location:

Hard Rock Café
Bei den St. Pauli-Landungsbrücken 5
20359 Hamburg



DAY 2: 19 June 2024

► 9 - 10 am

Scientific Poster Exhibition

Topic 6 Biomethane and synthetic gases

► 10 - 11.15 am

Moderation:



Anne-Sophie Decaux
GRT GAZ

Impulse:

Biomethane as a part of the future energy mix



Mieke Decorte
European Biogas Association

Technologies for Synthetic Gases



Dr Frank Graf
DVGW Research Center at the EBI

Towards 100 % biomethane by 2030 in Denmark



Alexander Sejbjerg Mosegaard
Evida

Implemented technologies of Biomethane in Switzerland



Daniela Decurtins
Gaz Energie

Biomethane in France: reasons for success and challenges ahead



Nicolas Spilliaert
International project manager,
GRDF

Panel Discussion & Open Discussion

► 11.15 - 12 pm

COFFEEBREAK



Topic 7 Industry decarbonisation and CO₂ value chain

► 12 - 1 pm

Moderation:



Prof. Dr Horst Steinmüller
University of Linz

Impulse:

A new scalable DAC process



Dr Aleksander Makaruk
Axiom angewandte
Prozeßtechnik GmbH

CO₂ Transport



Steven Van Caekenberghe
Fluxys

Biogenic energy parks delivering renewable natural gas and carbon capture from agriculture residues



Peter Lindholst
Stiesdal SkyClean

Panel Discussion & Open Discussion

► 1 - 2 pm

Lunch



Topic 8 EU policy and regulatory perspectives

► 2 - 3 pm

Moderation:



Prof. Dr Gerald Linke
DVGW

Impulse:

EU Commission



Tudor Constantinescu
European Commission

International perspectives on gas markets, decarbonisation, policy and regulation



Dr Dennis Hesselting
IEA

Industry Representative / EU H₂ Partnership



Jorgo Chatzimarkakis
Hydrogen Europe

Panel Discussion & Open Discussion

Topic 9 Closing and keynote

► 3 - 3.30 pm

Keynote

EU Energy Strategy



Prof. Dr Karl Rose
University of Innsbruck

Keynote

Closing remarks



Alexander Schwanzer
MARGOGAZ



The 11th GERG Young Researchers' Awards @EGATEC 2024



EGATEC 2024 proudly hosts the 11th edition of the GERG Young Researchers' Awards. The Awards recognise early career European researchers who have displayed a commitment to excellence in scientific research and in creating solutions for the future of Energy.

The Young Researchers' event promotes interaction between European Universities and Research Centres, on R&D topics related to gas in the energy system. The key objectives are to encourage a dialogue between industry experts and academia, raise awareness, and enhance cooperation between our different communities.

EGATEC SCIENTIFIC POSTER EXHIBITION

Following previous practice, EGATEC 2024 will also include a technical poster exhibition presenting innovative and original research projects with a special focus on work in progress, upcoming research challenges, and new directions in the field of gas technologies.

We invite you to join us as the next generation of European researchers present the latest study results.

MEDIA PARTNERS



Status: April 2024

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