IEA Low-emissions Gases Day 2025

Enhancing international dialogue on the scale-up low-emissions gases

International Energy Agency

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28 February 2025

Recognising the growing importance of low-emissions gases (including biomethane, low-emissions hydrogen and e-methane), the International Energy Agency has developed a **Low-emissions Gases Work Programme** to closely track market developments in this sphere and facilitate dialogue between emerging producers and consumers. This work is supported by the **Clean Energy Transitions Programme**, the IEA's flagship initiative to transform the world's energy system to achieve a secure and sustainable future for all.

Given the immediate need to speed-up the deployment of low-emissions gases, the industry, infrastructure and regulation should begin adapting already now to enable their cost-efficient **integration into the gas system** in the future. Moreover, an orderly transition from the current gas system to a model integrating multiple gases **will require prudent market design** already in the early stages, to take into consideration the network integration challenges and changing supply flexibility of low-emissions gases and ultimately their implications to security of supply.

On 28 February 2025, the IEA Secretariat will host a **Low-emissions Gases Day** with the involvement of both government representatives and private stakeholders to further enhance the **international dialogue** on low-carbon gases, promote mutually beneficial **partnerships** and facilitate **information dissemination** to the broader public.

Register in advance for this webinar:

Webinar Registration - Zoom

For any questions/comments, please contact:

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Agenda

28 February 2025

10h00 (CET)	**Opening presentation** Keisuke SADAMORI *Director, Energy Markets and Security, IEA*
10h10-10h40	**<u>Low-emissions gases: enabling policy frameworks</u>** *Moderated by Oliver JOY, Communications Manager, IEA* **Low-emissions gases: the priorities of the new Commission** Mechthild WÖRSDÖRFER *Deputy Director-General – Directorate-General Energy, European Commission* **The future role of e-methane** Mitsunori FUKUDA *Director, Gas Market Office, Electricity and Gas Industry Department, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry (METI)*
10h45-12h00	**<u>The role of biogases in clean energy transitions</u>** *Moderated by Ana ALCALDE, Renewables Analyst, IEA* **The role of biogases in decarbonising end-use sectors: a global perspective** Pradeep MONGA *Senior Advisor and Policy Director, World Biogas Association* **Executing biogas and biomethane projects: a developer's perspective** Mette SMEDEGAARD HANSEN *Head of Corporate Relations, Nature Energy* **A circular economy approach to biogases** Professor Jerry MURPHY *Director MAREI Centre, Cork, IEA Bioenergy Task 37* ***Panel Discussion (30 minutes)***
12h00-13h00	**<u>Break</u>**
13h00-14h00	**<u>Low-emissions hydrogen: a global stocktake</u>** *Moderated by Akos LOSZ, Lead Gas Analyst, IEA* **Global Hydrogen Review** Jose Miguel BERMUDEZ MENENDEZ *Energy Technology Analyst, IEA* **Prospects for low-carbon hydrogen in North America** Matthew HODGKINSON *Senior Analys, Hydrogen, S&P Global Commodity Insights* **Building a European hydrogen network** María Teresa NONAY DOMINGO *Strategy & Planning Director, Enagás* **France's practical case of adapting the gas network to 100% renewables gases while developing a partially repurposed hydrogen network** Anthony MAZZENGA *Chief Development Officer, NaTran (formerly GRTgaz)* **Q&A**

14h00:15h00	**<u>Trading low-emissions gases</u>** *Moderated by* Gergely MOLNAR *Gas Analyst, IEA* **Ukraine: Europe's next biomethane powerhouse?** Sergiy SAVCHUK *Chief Investment and Business Development Officer, VITAGRO Group* **Enabling low-emissions hydrogen imports to the European Union** Maciej CISZEWSKI *Head of Unit, Diversification Strategy and Joint Purchasing, European Commission* **Tokyo Gas's Initiatives toward Carbon Neutrality: social Implementation of e-methane to decarbonize heat demand** Kazumi TAKAHATA *General Manager e-methane Business Development Dept.Tokyo Gas Co., Ltd.* ***Q&A***

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