



The European Metrology Network for Energy Gases

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European Metrology Network for Energy Gases

Under EURAMET

Official start: February 2019

19 NMI/DI members

Chair:	Annarita Baldan (VSL, NL)
Vice-chair	<i>vacancy</i>
Secretary	Marcel Workamp (VSL, NL)
Steering Committee	Karine Arrhenius (RISE, SE) Henri Foulon (LNE-LADG/ Césame E., FR) Heinrich Kipphardt (BAM, DE) Arul Murugan (NPL, UK) <i>vacancy</i>



EMN for Energy Gases Fact Sheet



- Focus on **metering and use of energy gases**: conventional fluids and fluids related to (emerging) renewable/ sustainable energy sources, including CCUS
- **Mission**: To provide the world's leading metrology network comprising experts in the field of measurement science to **drive forward innovation** and to **accelerate decarbonisation and emissions reductions** within the energy gas industry in Europe
- ❖ **Engage** with industry, regulation, standardization, policy (e.g. Hydrogen Europe, Clean Hydrogen Partnership, GERG, MARCOGAZ, DG Energy)
- ❖ **Act as European metrology knowledge center** for energy gases (www.euramet.org/energy-gases)
- ❖ **Facilitate energy transition** by coordinating measurement research based on stakeholder needs
- ❖ **Boost access** to metrological services and calibration facilities

Cross-cutting character:

Gas composition	Calorimetry
Certified Reference Materials	Particles
Flow	Humidity
Temperature	Material data
Pressure	Material testing

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This network provides measurement science expertise to society and industry to support the implementation of the energy transition to renewable gaseous fuels. Addressing fundamental challenges to establish renewable gases as a fuel source and energy vector is a vital step in striving towards environmental sustainability. By bridging the gap between end-user communities and acting as a central nucleus for measurement science activities, the EMN for Energy Gases will help to establish and facilitate a reliable, safe and diverse energy network.

