

Launch Event

European Metrology Network for Energy Gases

17 June 2019

VSL, Delft, the Netherlands

Programme

11h00	Registration	
11h30	Welcome	<i>M. Pieksma, VSL</i>
11h45	Opening – EURAMET EMNs – Introduction to EMN for Energy Gases	<i>H. A. Frøystein, EURAMET Chairperson A. Baldan, EMN Energy Gases Chair</i>
12h30	Networking Lunch	
13h30	Stakeholders' Perspective on Energy Gas Transition – European Commission perspective – Standardisation perspective – Industry perspective – Research community perspective	<i>T. Constantinescu, EC -DG Energy F. de Jong, NEN M. Carré, R&D Air Liquide R. Peters, TNO</i>
14h50	Objectives of the Panel Discussions Panel Discussions (2 parallel sessions) – Session 1: Energy gas transition: What does industry need from metrology? – Session 2: Critical areas in the energy gas transition	<i>K. Arrhenius, RISE</i> <i>Chair: F. Haloua, LNE</i> <i>Chair: H. Foulon, Cesame-Exadébit</i>
15h20	Break	
15h50	Panel Discussions – Session 3: Stakeholder expectations: How to collaborate successfully? – Session 4: Measurement challenges in energy gases	<i>Chair: H. Kipphardt, BAM</i> <i>Chair: A. Murugan, NPL</i>
16h30	Outcome of the Panel Discussions	<i>Reporters</i>
17h00	Official Opening of the EMN	<i>A. Baldan, EMN Energy Gases Chair</i>
17h30	Tour of the Labs (optional)	

Useful Information

Location:

VSL, Thijsseweg 11, 2629JA Delft, The Netherlands

Registration

<https://www.euramet.org/about-euramet/general-assembly/registration-launch-energy-gases/>

What are European Metrology Networks

<https://www.euramet.org/european-metrology-networks/>

Preparation to the Panel Discussions

- Session 1: **Energy gas transition: What does industry need from metrology?**
This session aims at discussing how metrology can help industry in complying with the requirements of energy transition (legislation), in innovating and in creating synergies.

- Session 2: **Critical areas in the energy gas transition**
This session aims at developing the measurement matrix that links the relevant measuring disciplines (flow, chemical composition, pressure, humidity, material data, etc.) to the existing energy gases (natural gas, LNG, biogas, biomethane, hydrogen). The discussion focuses on what are the critical measurement disciplines, are the measurement services underdeveloped or not properly addressing the needs? Which services / products can be delivered by the EMN and/or the EMN members in the future?

- Session 3: **Stakeholder expectations: How to collaborate successfully?**
This session aims at discussing what stakeholders expect from the EMN and viceversa. How can we help each other (for example: funding possibilities for research, standardisation activities, increase influence with policy makers and regulatory bodies, etc.). How should collaboration look like? Which tools are needed? How can processes for transparent interaction look like/be established?

- Session 4: **Measurement challenges in energy gases**
This session is a first step that aims at developing a strategic research agenda. The discussion will focus on the challenges that stakeholders are facing and what are the priorities; which services / products can be delivered by the EMN and/or the EMN members in the future?

Please, prepare for the Panel Discussions.

We appreciate to know beforehand what sessions you are interested in and if you wish to add discussion topics to the 4 Panel Discussion sessions.

How to reach VSL

<https://www.vsl.nl/en/route-description>

VSL on [Google Maps](#)

Accommodation

Delft has a range of hotels. Listed are some recommended ones, with good locations, see map. For an interactive version of the map, click

<https://drive.google.com/open?id=1EpC2hZrYzJmyyatiOwqHGUKe8F4&usp=sharing>

- Casa Julia, design hotel, most close by
<http://www.casajulia.nl/>
- Westcord Hotel
<http://www.westcordhotels.nl/hotel/hotel-delft/>
- Hotel Grand Canal
<https://www.grandcanal.nl/>
- Hotel Coen
<http://www.hotelcoendelft.nl/index.php>
- Hotel Leeuwenburg
<https://www.leeuwenbrug.nl/>
- Hampshire Hotel
<https://www.hampshire-hotels.com/hampshire-hotel-delft-centre>

GAS Analysis 2019



On 18-20 June 2019 (one day after the EMN Launch Event), the International Symposium “GAS Analysis 2019” (<https://www.gasanalysisevent.com/>) will take place at the Fokker Terminal, The Hague, The Netherlands.

The Hague is only 15 km away from Delft.

This biennial event is the leading international symposium and exhibition for gas analysis manufacturers, technical staff and end-users, presenting the latest developments in laboratory, process analysis, metrology and sensor technology and their applications.