

# Specialised Working Group 2: *Managing methane emissions across the LNG value chain*

Maria Olczak, Florence School of Regulation

LNGnet International Workshop #1  
Florence, 23 June 2022



Funded by  
the European Union



# SWG2 membership

## POLICY:

- **Matthieu Craye**, EU Commission, International Relations Officer
- **Brendan Devlin**, EU Commission, Adviser, Strategy and Foresight, Directorate A
- **James Diamond**, Environment and Climate Change Canada, Head of Technical Operations Team, Oil and Gas Division

## INDUSTRY:

- **Fiji George**, Senior Director, Climate and Sustainability, Cheniere
- **Hiroshi Hashimoto**, Institute of Energy Economics, Japan, Senior Analyst, Head of Gas Group
- **Tania Meixus Fernandez**, Enagas, Head of Environmental Policy & Regulation
- **Tomohide Muraoka**, JGC Corporation, General Manager
- **Kamila Piotrowska**, Baker Hughes, Policy & Advocacy Manager, Energy Transition Solutions

## CIVIL SOCIETY:

- **Roland Kupers**, IMEO, Advisor
- **Hemant Mallya**, Centre for Energy, Environment and Water, Senior Programme Lead, Industrial Sustainability & Competitiveness
- **Andris Piebalgs**, FSR, Part-time professor
- **Jonathan Stern**, OIES, Distinguished Research Fellow
- **Georges Tijbosch**, MiQ, Systemiq, CEO
- **Saima Yarrow**, MiQ, Systemiq, Senior Advisor

## LNGnet PROJECT TEAM:

- **Gunnar Steck**, LNGnet, Overall Project Manager
- **Maria Olczak**, LNGnet, FSR, Research Associate
- + ad hoc guests: Timothy J. Skone (National Energy Technology Laboratory); Fabrizio Innocenti, Rod Robinson (National Physical Laboratory); Manon Simon (Carbon Limits), Manfredi Caltagirone (UNEP/IMEO), Malcolm McDowell (European Commission), Alan Krupnick (RFF), KC Michaels (IEA), Jean-Michel Glachant (FSR)

# A series of SWG2 workshops

1/07/2021

Estimating methane and CO2 emissions along LNG supply chains – what role for Life Cycle Assessment approaches?

Thursday 01/07/2021, 13.00-15.30 CEST

Moderation: Maria Olczak, Florence School of Regulation

13:00 – 13:15  
Introduction

Speakers:

- Matthieu Craye, European Commission
- Brendan Devlin, European Commission
- Gunnar Steck, Enquidity

13:15 – 13:50

Session 1 Applying LCA to LNG supply chain emissions: the key challenges

A 10-minute presentation will be followed by a 25-minute discussion session

Speakers:

- Timothy J. Skone, National Energy Technology Laboratory

International framework for data verification and the context of commodity trading

Thursday 25 November 2021, 13.00-16.45 CET

Moderation: Gunnar Steck, LNGnet / Enquidity

13:00 – 13:10  
Welcome and Mtg 1 recap

Speakers:

- Matthieu Craye | European Commission
- Maria Olczak | FSR

13:10 – 14:10

Session 1 Standardization of data provision in the LNG supply chain context

1x 10-minute presentation followed by a 50-minute discussion

Speakers:

- Roland Kupers | UNEP-International Methane Emissions Observatory

25/11/2021

27/04/2022

Incentivising methane abatement across the LNG value chain: the policy options for importing countries

Wednesday 27 April 2022, 13.00-16.45 CET

Moderation: Gunnar Steck, LNGnet / Enquidity

13:00 – 13:10  
Welcome and Mtg 2 recap

Speakers:

- Matthieu Craye | European Commission
- Maria Olczak | FSR

13:10 – 14:10

Session 1 Status quo of methane initiatives: Japan, the EU, and IMEO

3x 10-minute presentation followed by a 30-minute discussion

Speakers:

- Hiroshi Hashimoto | The Institute of Energy Economics, Japan
- Malcolm McDowell | European Commission
- Manfredi Caltagirone | International Methane Emissions Observatory



# Summary

We need to appreciate:

- that we do not know exactly how much methane is emitted along specific LNG supply chains
- the complexity of the LNG business & supply chains (policymakers, industry leaders, utilities, financial community, civil society)
- that methane measurement technologies are evolving rapidly

Voluntary efforts are important, and so is regulation:

- regs help to prioritize technology development and wide-spread use of various technologies among the industry
- a policy mix to target imported emissions?