



Panel discussion II: Methane emissions and R&D



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Methane Emissions: The EU international lead role



EUROPEAN COMMISSION

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COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

on an EU strategy to reduce methane emissions



European Commission



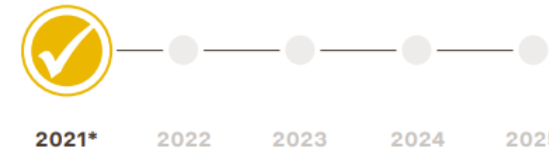
European Parliament





GMP Oil & Gas Methane Partnership 2.0
Oil And Gas Methane Partnership 2.0

The new gold standard for methane emissions reporting in the oil and gas sector

GOLD STANDARD



EU legislative proposal on methane emissions from the energy sector (Dec 2021)

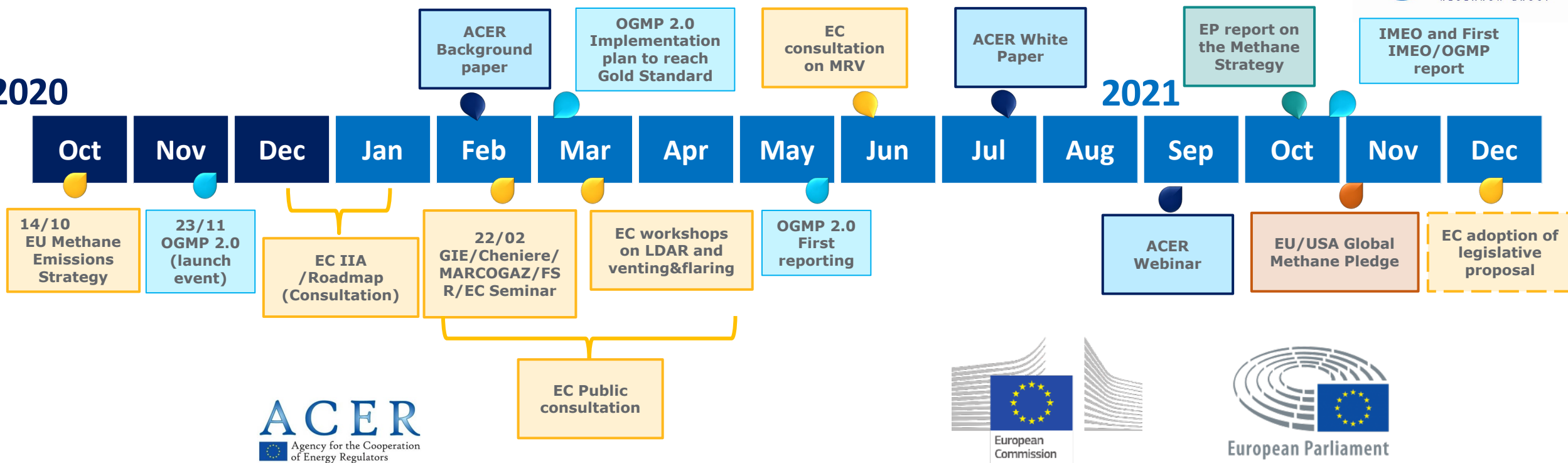


Collective goal of reducing global methane emissions by at least 30 % from 2020 levels by 2030 and moving towards using best available inventory methodologies to quantify methane emissions.

Methane Emissions: Main milestones

2020

2021



- ACER background paper on methane emissions (9th of Feb 2021) ([link](#))
- ACER White Paper on methane emissions (22nd of July 2021) ([link](#))
- ACER Webinar on methane emissions (14th of Sep 2021) ([link](#))

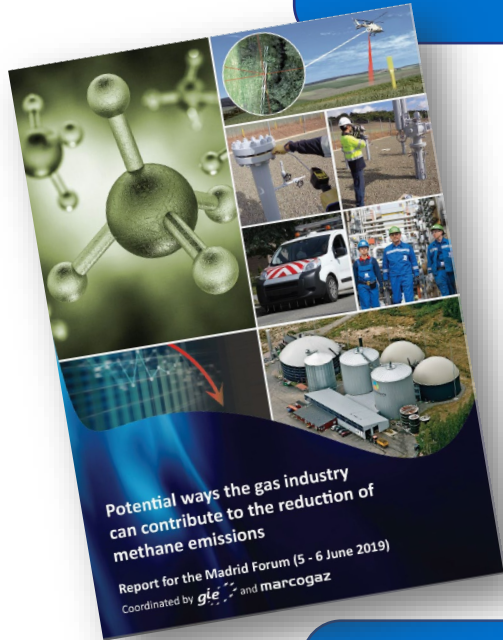


- OGMP 2.0 Launch event ([link](#)) (23rd of November of 2020)
- OGMP 2.0 submission of the implementation plan and the first reporting
- IMEO ([link](#)) and first report ([link](#)) (31st of Oct of 2021)

- Publication of the EU Strategy to reduce methane emissions ([link](#)) (14 October 2020)
- EC consultation - Inception impact assessment / Roadmap ([link](#)) (22 Dec – 26 Jan)
- GIE/MARCOGAZ/Cheniere Seminar supported by EC & FSR ([link](#))
- EC workshops on LDAR and venting&flaring
- EC consultation on the potential content of the methane emissions legislation ([link](#)) (till 1st of May)
- EC consultation on MRV ([link](#))
- EC adoption of legislative proposal (foreseen in Q4 2021)

Fighting methane emissions

Technical tools



R&D



Management
and reduction
of CH₄
emissions



Sharing knowledge and
raising awareness



MRV / Data accuracy

Gas industry joint declaration

**Gas system operators in joint effort
to continue curbing emissions
and to support the Global Methane Pledge**




Technically supported by



Challenges that industry is facing

YOU CAN NEITHER MANAGE NOR IMPROVE WHAT YOU DONT QUANTIFY!

- 
- Selection of technologies, both bottom-up/source-level and top-down/site-level (including potential role of satellites for mid/downstream), for both detection and quantification
 - Data reconciliation (lack of experience, measurement frequency, sampling vs population, uncertainty, technology constrains & limitations,...)
 - Database of emission factors
 - Specific correlation factors for the gas industry
 - Technical standards and guidelines to improve harmonisation

Some final thoughts



- Raising awareness and sharing knowledge to build a culture of curbing



- Investments and costs to be recognised by NRAs



- Previous efforts should be recognised and fairly accounted for.

- The most cost-efficient actions should be prioritised



- Flexibility and recognition that one type of solution does not fit all

- Legislation should not be very prescriptive



- R&D is key to overcome the challenges that the industry is facing. GERG projects and the CH₄ roadmap are very timely!



THANK YOU VERY MUCH!