CH4EU Workshop Invitation

To whom it may concern,

We are members of a project (CH4EU) related to the European gas industry (see participants at the bottom of this letter) and we have been working with methane emissions from the end-use in the last 2 years with the view of establishing a picture of the present situation and identify mitigation solutions.

With this mail, we would like to invite you to participate in a **workshop on CH4 emissions from industrial users of natural gas**. The event will be a **Teams meeting on December 13th from 09.00 to 12.00 (CET).**

As you know, **methane emissions** are very much discussed now due to the impact of unburned methane on the climate as a greenhouse gas. Not only are there discussions about the assessment of these emissions, but also discussions are likely to result in new regulations with the aim of reducing methane emissions from all parts of the gas chain, including end-use.

The gas industry has been very active during the last years in identifying and quantifying the methane emissions from gas infrastructures, whether it is coming from Exploration & Production, Gas Storage or Transport & Distribution.

A few years ago, we (gas industry) also started to evaluate what is emitted behind the gas meter through measurement campaigns on appliances and processes on site and in laboratory.

This has allowed us to better understand when and why there is unburned methane escaping from gas appliances and processes.

With this workshop we would like to share and refine with you the present picture of CH4 emissions in the sector of industrial gas including the following points:

* Sharing our knowledge and information about the future regulatory framework for methane emissions.
* Sharing our findings and discussing with you your own experience of assessing methane emissions and/or the parameters that are of importance like the burners’ pattern of use etc.
* Discussing simple mitigation solutions that could be implemented based on (among other things) our experience with investigation on process and appliances tested in the framework of a recent project (CH4EU).

**Our expected outcomes of the workshop are:**

1. Creating conditions for us to be speaking with one voice when public consultations to prepare regulations are launched by the EU or national authorities.
2. Consolidating our preliminary conclusion on the industrial sector
3. Identifying a gap in knowledge or areas where we assume we could have an issue (as for example high frequency start and stop or low temperature process).

Establishing a joint relationship/dialogue would be indeed very useful to prepare ourselves for a discussion with the EU or national projects for regulation of CH4 emissions.

For the reasons above, we would like to have a bilateral exchange between our industries (gas appliance manufacturers and users on the one side and gas transmission/distribution operators on the other side), where no third party will be invited, so that we can better discuss the topics we would like to have on the table.

**Participants:**

1. Representatives from the industrial users’ side having an understanding on how appliances/burners are used. Ideally representing various sectors and different technologies.

Examples

* National or European branch representatives from different industries.
* Individual end users’ representatives from industries having a significant market share
* Manufacturers of appliances/burners/furnaces for the industry

1. Project partners and sponsors (see below) and gas distributing or transporting industries

**What we need from you:**

* Input/presentation from industrial users and manufacturers **with experience** or thoughts with methane emissions
* Participation from industrial users and manufacturers in the workshop who are **interested in joining** the debates and questions

Therefore, we would like to ask for your support in identifying both relevant speakers and participants.

For the moment we have reserved 4 slots of 10 minutes each for presentations from the **industrial users and manufacturers.** However,the agenda is flexible and the program can be adapted.

If you are interested in the event, please contact us as soon as possible indicating if you want to join and if you want to make a presentation based on experience with methane emission in the industry. (See theshort Answer sheet for the registration)**.**

If you know of any relevant entities that could enrich our discussions during the workshop, please let us know or forward this mail to them, asking them to contact us. **As the date is already drawing close, we would appreciate a swift answer, especially for the identification of speakers.**

**Please also note that we will send after your registration an overview (matrix) showing our present knowledge on methane emissions in the different industrial sectors and for the different technologies used.** You will be invited to challenge or confirm our assessment with your input.

We thank you in advance for your help!

**Best wishes**

*The CH4EU project team*

**THE CH4EU project**

**Main sponsors**

**• GRDF (FR)**

**• GASTERRA (NL)**

**• EVIDA - ENERGINET (DK)**

**• GRTGAZ (FR)**

**Partners (executing the project)**

**• DGC ("Project Leader")**

**• ENGIE - CRIGEN**

**• Kiwa Technology B.V.**

**• DNV GL Netherlands B.V.**

**• GASBE**

**INFORMATION ABOUT THE WORSHOP & REGISTRATION**

**Date**

The event will be a Teams meeting on **December 13th from 9 to 12 (CET)**

**Scope**

Methane emissions from industrial use of gas including feedstock, but excluding power production

**Agenda (simple)**

|  |  |
| --- | --- |
| **Presenter** | **Title /content** |
| Marcogaz | Information on the regulatory framework for CH4 emissions |
| CH4EU | Industrial gas consumption in the EU and project CH4EU |
| CH4EU | What we know about emissions from other segments of end use (with combustion) including overall information on CH4 emissions. |
| CH4EU | Data measured (industrial use) in the framework of the project CH4EU  First conclusions from the work done |
| CH4EU | Leakages/ fugitive emissions behind the meter |
| Equipment manufacturer | Input from major equipment manufacturers (2) (Furnaces and/or burners) |
| Industrial users | Input from the industrial users (2) (high & low temp, batch / continuous) |
| All | Exchanges & analyses of present data ( working group or round table) |
| CH4EU | Conclusion & next steps |
|  |  |

# Answer sheet for the registration

|  |  |  |
| --- | --- | --- |
| **Name** |  | |
| **Mail & tel.** |  | |
| **Affiliation** |  | |
|  |  |  |
|  |  |  |
| **Type of company** | | **(cross where appropriate)** |
| National or European branch representative for different industries. |  |  |
| Individual end user’s representative of industries having a significant market share | |  |
| Manufacturers of appliances for the industry | |  |
| **Branch of activity** | |  |
| Glass | |  |
| Metal | |  |
| Food | |  |
| Feedstock | |  |
| Other (please mention) | |  |
| **We want to join the workshop as participant** | |  |
| **We want to join the workshop as speaker (\*)** | |  |
|  |  |  |
| (\*) please indicate what topic you want to present | | |
|  |
|  |
| Our experience with methane emission (few words) | | |  |
|  |
|  |
| We suggest you to invite the following companies: Please indicate name & email when possible | | |  |
|  | | |  |
|  | | |  |
|  | | |  |
|  | | |  |
|  | | |  |
|  |  |  |  |

To be returned before the asap (speakers) or latest 15-11-2022 (participants)

**Please return to DGC**

[**crp@dgc.dk**](mailto:crp@dgc.dk) **with copy to** [**jsc@dgc.dk**](mailto:jsc@dgc.dk)

The participation will be confirmed, and link sent in due time with the final agenda **.**