

Governments all over the world have decided to significantly reduce greenhouse gas emissions. This was recently shown by the Paris Climate Conference (COP21). 195 countries adopted the first-ever universal, legally binding global climate agreement.¹ The climate conference 2016 in Marrakesh (COP22) demonstrated that the implementation of the Paris agreement has started successfully, the constructive and multilateral cooperation will be continued.

To achieve the goal of keeping the increase in global average temperatures to well below 2°C above pre-industrial levels, the issue of greenhouse gas emissions (GHG emissions) will be of fundamental importance.² Slowing down global warming requires rapid emission reductions. The development of GHG emissions is tracked transparently, according to the COP21 goals. The national GHG inventories keep track of emissions and are set up to follow the mandatory reporting for the United Nations Framework Convention on Climate Change (UNFCCC). These inventories also include records on fugitive emissions from the natural gas sector.

What is the contribution of the MEEM DSO project?

Together with seven European project partners DBI, revealed within the preceding GERG project “Analysing Methods for Determining Methane Emissions from the Gas Distribution Grid” that a variety of methods for the estimation of methane emissions from the gas distribution grid are in place. A consistent and transparent quantification of methane emissions across Europe is however missing.

[Download Management Summary http://www.dbi-gut.de/emissionen.html](http://www.dbi-gut.de/emissionen.html)

(under MEEM Project - Phase I)



The currently running project "**Development of an Accurate and Consistent Method for Methane Emission Estimation from the Gas Distribution Grid**" – short: MEEM DSO project – is developing a pan-European method for estimating methane emissions of the gas distribution grid under the umbrella of GERG. The developed method will be prepared for verification, a necessary step prior to standardisation (i.e. in CEN). We believe this is an important step to support transparent, credible and comprehensive greenhouse gas emissions reporting. MEEM DSO is strongly supported by MARCOGAZ and EUROGAZ.

[Download Project Proposal http://www.dbi-gut.de/emissionen.html](http://www.dbi-gut.de/emissionen.html)

(under MEEM Project - Phase II)

¹ https://ec.europa.eu/clima/policies/international/negotiations/paris_en. Last update: 31/01/2017

² http://unfccc.int/paris_agreement/items/9485.php Last update: 31/01/2017

Current MEEM DSO Project Partners:



1	DGC	Denmark
2	E.ON Metering	Germany
3	GAS NATURAL FENOSA	Spain
4	GasNet	Czech Republic
5	GRDF	France
6	ITALGAS RETI	Italy
7	Kiwa Technology	Netherlands
8	SYNERGRID	Belgium
9	Westnetz	Germany
10	SVGW	Switzerland

Supported by: Marcogaz, Eurogas

Conducted by: DBI Gas - und Umwelttechnik GmbH Leipzig

Project Timeline: October 2016 until mid 2018

Project Budget: €253,000

The project is open for new partners. Please contact Gert Müller-Syring (gert.mueller-syring@dbi-gruppe.de) and Charlotte Große (charlotte.grosse@dbi-gruppe.de).