



Flow metering of renewable gases (biogas, biomethane, hydrogen, syngas and mixtures with natural gas)

Statement

reporting in deliverable D3 *“Report on the tests which need to be performed during calibration to enable the use of renewable gases with existing gas meters”* point 3.1.

Lead partner: GRTGAZ

Contributing partners: LNE, CESAME, FORCE, ENAGAS, FHA, ISSI, ITRON

Work package: WP 1

Due date: -

Actual submission date: -

In point 3.1 table 1 “overview of the raw biogas impacts on gas meter” the following is stated:

The Danish experience in injecting and measuring raw biogas results are, unfortunately, not public but the conclusion of the tests was that the turbine meter was not suitable and were destroyed after, about, 24 hours.

In the statement above the gas composition and under which conditions the experiment was done is not known, it is also not known whether the turbine meter was treated to withstand the exposure of raw biogas and therefore it cannot be taken as a general conclusion that a turbine meter will be destroyed after a short period.

In point 3.1 table 1 “*overview of the raw biogas impacts on gas meter*” the text for a turbine gas meter should be like the following.

Tests in injecting and measuring raw biogas in Denmark indicates that turbine gas meters are not always suitable for measuring raw and dirty biogas.