



NewGasMet training session 29. September 2022

10:00 – 10:10 Opening and welcome

By Christophe Brun, LNE.

10:10 – 10:30 NewGasMet project

Short overview of the project and outcomes

- Literature study
- Expert groups, input to CEN 237
- Tests (durability, H2 and biogas)
- Literature Study of flow standards used for testing with renewable gases
- Inter comparison

By Christophe Brun, LNE.

10:30 – 11:15 Results of the study on durability effects and accuracy tests.

This presentation will give you a view of the study of the durability effect on domestic gas meters when exposed for biogas and Hydrogen. The durability effect is documented in accuracy tests and inner parts of the meters is investigated using EDX-SEM technique.

By Gabriele Migliavacca, ISSI and Tomáš Valenta, CMI

11:15 – 11:30 Break

11:30 – 12:15 Results from intercomparison of flow transfer calibration standard for renewable gases.

A pair of flow transfer standard was developed to be used in an inter-comparison measurement with nitrogen, methane and hydrogen, in the flow range 25 l/h to 9000 l/h. The results from this intercomparison will be highlighted in the presentation.

By Rainer Kramer, PTB and Marc MacDonald, NEL

12:15 – 12:45 Outputs from the project

- Reports
- Deliverables
- Papers
- Homepage

This presentation will give you a view of where to find all the outputs from the project for future knowledge sharing.

By Kurt Rasmussen, FORCE Technology

12:45 – 13:00 European metrology network (EMN)

Presentation of the EMN for energy gases

By Marcel Workamp