

A new LNG measurement standard including energy metering, supporting emission reductions and economy

Publieke samenvatting / Public summary

Aanleiding

As a transport fuel, LNG is getting much attention because of a lower negative impact on the environment compared to conventional fuels. However, the lack of an LNG-measurement infrastructure is hampering large scale roll-out. This project follows up on previous research and aims at completing the required LNG measurement infrastructure.

Doelstelling

To facilitate the large scale roll-out of LNG as a transport fuel by completing the required metrological infrastructure. One of the goals of TKI Gas is to have 16% of diesel engines be replaced with LNG engines.

Korte omschrijving

- Design and development of reference liquefier for natural gas of a known composition. - Build up practical energy metering knowledge and experience - Analyses and reporting on the validation of the reference liquefier, measurement composition system and a performance assessment of various energy meters - Following the above activities, completion of the measurement infrastructure for LNG energy metering.

Resultaat

Measurement standards and respective instrumentation for LNG flow, composition and

Projectinformatie / Project information

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Algemene informatie / General information

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VSL B.V.

Publicaties en materialen / Publications and attachments

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energy measurements, which is required for the large scale roll-out of LNG as a transport fuel.

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