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We are more than 30 partners

HIPS-NET

A pan-European understanding of admissible hydrogen concentration in the natural gas grid
Subject and Aim

- The network HIPS-NET (Hydrogen In Pipeline Systems) shares available information on the \( \text{H}_2 \) tolerance of the gas grid from both running and completed projects.

- Managed by DBI GUT, in close cooperation with GERG, the European Gas Research Group (www.gerg.eu).

- The network allows partners to maintain contact with other active players and institutions that are interested in establishing a common understanding of \( \text{H}_2 \) limits in the gas grid.

- HIPS-NET partners can also contribute with their knowledge and experience and, in so doing, influence the common understanding of the \( \text{H}_2 \) tolerance of the gas grid.

Core Topics

We gather and disseminate the latest available knowledge to improve the understanding of \( \text{H}_2 \)/natural gas blends in pipeline systems with emphasis on these core topics:

- Cross border transmission
- Energy metering
- Safety specifics
- Gas turbines and engines
- Natural gas as working medium
- Steel CNG1 vehicle tanks
- Porous underground storage

We additionally keep a minor focus on the general development of power-to-gas and further topics around the utilisation of renewable hydrogen.

Activities & Benefits for Partners

Quarterly Newsletter

- Review of current projects, studies and conferences related to the core topics
- Information on the activities of the network
- Important upcoming events, workshops and conferences (associated with \( \text{H}_2 \) topics)

Annual Workshop

Excellent opportunity to meet network partners for information exchange and discussion on current areas of research and demonstration.

Website

- Public area: presentation of the network and the partners
- Secured area (login required): newsletters, annual reports, presentations from the workshops
- You find us on: www.gerg.eu and www.dbi-gruppe.de/hips-net.html

Join HIPS-NET for an annual fee of 2,000 Euro!