

"HIPS-NET"

...the network for...

“Establishing a pan-European understanding of admissible hydrogen concentration in the natural gas grid”

1 Subject and aim of the Network

The network aims to establish a common European understanding on the H₂ tolerance of the existing natural gas grid.

This will be supported by a professional "Technology Watch" which will acquire available information on the H₂ tolerance of the gas grid from both running and completed projects. Information will be distributed to network partners on a regular basis.

Dedicated investigations, tests and research are not covered, but could be initiated by the network.

2 Structure and Activities

The network comprises partners that wish to be informed on the topic and/or want to contribute to a European understanding of admissible hydrogen concentrations in the existing gas grid.

Within the network, DBI will be responsible for:

- acquisition of results and data;
- maintaining contact with running projects and other relevant networks/platforms;
- maintaining contact with GERG in order to address R&D needs that should be notified to the EC, or that can be answered in dedicated projects within the group or with GERG;
- organisational aspects, such as:
 - establishing contracts with the partners;
 - maintaining contact with the partners;
 - preparing a quarterly newsletter for distribution to the partners, and;
 - preparing a yearly workshop and a short annual status report.

The Manager of the NETWORK is Gert Muller Syring; Dave Pinchbeck is responsible for NETWORK support.

The NETWORK is considered as a GERG project (GERG is the European Gas Research Group).



3 Benefits

Partners will be informed on the latest available knowledge that can be gathered on a royalty-freely basis. This knowledge enables strategic decision making in the context of hydrogen in gas grids but also in the wider field of utilization.

The network will allow partners to maintain contact with other active players and institutions that are interested in establishing a common understanding of H₂ limits in the gas grid.

Partners can also contribute with their knowledge and experience and, thereby, influence the common understanding of what is possible concerning hydrogen in the gas grid, which can assist in directing attention on R&D activities necessary to remove bottlenecks. Partners will have the opportunity to investigate open R&D fields if necessary by forming consortia. This will be organized directly within the network or in cooperation with GERG, if there is sufficient interest.

A yearly workshop will be organized, followed by a short report that summarizes the latest findings in the topic. Furthermore a quarterly newsletter will be issued by DBI and distributed to the partners.

4 Timeline and Costs

The Network will run on a year by year basis. Members will have the possibility of resigning their membership every year.

The price per partner will be 2.000 EUR per year and, if surplus is achieved, it is proposed that it will be used to support more detailed investigations. Such investigations will be discussed with the partners in case of this eventuality.

The work of the network will start on the 1st October 2013.

5 How to become a partner

Please send an e-mail to Dave Pinchbeck (davepinchbeck@ntlworld.com) and Gert Müller-Syring (Gert.Mueller-Syring@dbi-gut.de) to let us know that you are interested. If so, you will receive a contract in short term that will be the basis for entering the network.