http://www.h2sense.bam.de/en/project/index.htm

H2Sense

H2Sense - Cost-effective and reliable hydrogen sensors for facilitating the safe use of hydrogen

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H2Sense Workshop

"Hydrogen Sensors - The right one in the right place at the right price"

12 September 2013 in Bruxelles, Belgium

Workshop Agenda PDF

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Hydrogen sensors for the safe use of hydrogen

H2Sense has been initiated to promote the effective deployment and safe use of reliable hydrogen sensors, primarily but not exclusively for applications using hydrogen as an alternative fuel. The project unites stakeholders, such as sensor developers and manufacturers, sensor end users, certification bodies and independent sensor evaluators, in their aim to foster the safe use of hydrogen.

A selection of commercial hydrogen sensor elements

A group of six European partners from industry and research and development institutions cooperate and aim to

- Evaluate the capability of current sensors to detect hydrogen
- Validate the performance of current hydrogen sensors
- Recommend best practice strategies in guidelines
- Identify hydrogen sensing technology requirements
- Identify requirements for regulations, codes and standards
- Suggest approaches to overcome barriers to sensor commercialisation to get more and better sensors on the market at a lower cost.

The project is funded by the Fuel Cells and Hydrogen Joint Undertaking (FCH JU), a public private partnership supporting research, technological development and demonstration activities in fuel cell and hydrogen technologies in Europe.

New Energy World JU
fuel cells & hydrogen for sustainability

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