

## 14IND11 HIT



Thursday, the 19<sup>th</sup> of May 2016.

Invitation to the stakeholder committee of HIT project

Dear Sir or Madam,

You are kindly invited to contribute to the development of humidity measurements in Europe by joining the stakeholder committee of a European research project 14IND11 HIT - Metrology for Humidity at High Temperatures and Transient Conditions . This project aims at significant improvements in the accuracy of industrial humidity measurements at high temperatures up to 180 °C and under transient conditions. These will be achieved by:

- developing humidity calibration methods and procedures for industrial use for air temperatures above 100 °C
- developing humidity calibration methods and procedures for industrial use applicable to transient conditions
- developing humidity measurement techniques and procedures for the accurate monitoring of temporal and spatial humidity variations in selected applications
- developing water activity measurement (equilibrium relative humidity) techniques for in-line measurement applications
- developing methods for establishing the traceability link between water activity and water mass fraction measurements

The project results will enable a wide range of industrial enterprises in the EU to enhance their competitiveness through reduced energy consumption and waste production and through more efficient and reliable quality assurance and new products. The outcomes will be exploited by the industrial partners, manufacturing industry, industrial test and calibration service providers, instrument manufacturers and the wider stakeholder community.

You have now a great opportunity to get information about these developments and give feedback for focusing on most important topics for you. The stakeholders committee will be open to all enterprises with an interest in improving humidity measurements at high temperatures and/or under transient conditions. The aim of the stakeholder committee is to clarify the needs of the various interested parties and to feed these into the project and to ensure that the Committee is kept informed about developments within the project. Interaction of the Stakeholder Committee will be achieved through meetings (face-to-face and/or web meetings).

You can find further information about HIT in the attached Publishable Summary and at our website: <http://www.empir-hit.eu/>

I look forward to you joining our stakeholder committee!

Yours faithfully,

Dr. Martti Heinonen – VTT / MIKES  
Coordinator  
[martti.heinonen@vtt.fi](mailto:martti.heinonen@vtt.fi)  
+358 400 686 553

Dr. Eric Georgin – LNE-CETIAT  
Impact WP leader  
[eric.georgin@cetiat.fr](mailto:eric.georgin@cetiat.fr)  
+33 645 629 166

Encl.: Publishable Summary for 14IND11 HIT