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## HYGRID

FLEXIBLE HYBRID SEPARATION SYSTEM FOR H<sub>2</sub> RECOVERY FROM NG GRIDS

FCH-2 GRANT AGREEMENT NUMBER: 700355

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# Exploitation Workshop on Hydrogen Recovery with Hybrid separation systems

## Agenda

**May 17<sup>th</sup>, 2018**

**10:30 - 11:00 Registration/Coffee**

**11:00 – 11:20 HyGrid Project: objective and scope (Fausto Gallucci, TUE)**

**11:20 – Session 1 – Industrial presentations**

11:20 - 11:40 H<sub>2</sub> generation by steam reforming (**Emma Palo, KT Kinetics Technology SpA**).

11:40 - 12:00 Pressurized Alkaline and PEM electrolyzers for Power To Gas applications (**Guy Verkoeyen, Hydrogenics**).

12:00 - 12:20 H<sub>2</sub> transportation (TBC).

12:20 - 12:40 The challenge of distributing Hydrogen into the natural gas network (**Angel Gutierrez, NORTEGAS**).

**12:40 – 14:00 Lunch**

**14:00 – Session 2 – HyGrid presentations**

14:00 - 14:30 Hydrogen separation using membranes (**Alfredo Pacheco, TECNALIA & Giorgio Macchi, SAES**).

14:30 - 15:00 Electrochemical hydrogen compression and purification (**Leonard Raymakers, HYET**).

15:00 - 15:30 Design of the HyGrid prototype (**Marco Rep, HYGear**).

**15:30 – 16:00 Coffee Break**

16:00 - 16:20 Purity requirements for hydrogen applications: the latest on the ISO14687 (**Arul Murugan, NPL**).

16:20 - 17:20 Visit to SAES Pure Gas Handling and other SAES Laboratories (**SAES**).

**17:30 – End of the meeting**

Location of the meeting: **SAES Getters S.p.A.**



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