

## Hydrogen Working Group Teams Meeting Minutes

06.02.2024, 15.00 h (CET)

---

### Participants:

Daniel Craig Bissett, WL Gore  
Thomas Böhm, EagleBurgmann  
Peter Bowden, ESA  
William Braule, DuPont  
Alessandro Cavalli, Flexitallic  
Martin Coulthard, James Walker  
Andrew Douglas, James Walker  
David Edwin-Scott, ESA  
Graham Fowler, Clifford Springs  
Didier Fribourg, Cetim  
Manish Garg, John Crane  
Stephane Guignard, Technetics  
Adam Hedges, Cross Manufacturing  
Frank Herkert, Amtec  
Stephen Hindmarsh, IDEX Corporation  
Hubert Lejeune, Cetim  
Paul Lemmens, Eriks  
Bruno Lorenzi, Carco  
Jean-Luc Matoux, DuPont  
John Morton, John Crane  
Benoit Omnes, Cetim  
Emmanuel Sauger, Cetim  
Mark Savage, FSA  
Larry Sheffield, Inertech  
Danny Squire, Cross Manufacturing  
Francesca Torriani, General Packing  
Ralf Vogel, ESA  
Jas Walia, Cross Manufacturing  
Rainer Zeuss, SGL

### 1. Apologies:

Apologies of absence were received from Kamesh Narajanaswamy and Phillip Charlton.

### 2. Cetim HyMEET project and hydrogen testing capabilities

Hubert presented the Cetim HyMEET (Hydrogen Material and Equipment Engineering and Testing Center) project. With an investment of 25 million Euro Cetim is strengthening their test capabilities for hydrogen. Beside the project Hubert also gave detailed information about the existing and future test facilities for hydrogen. His presentation is also saved in the hydrogen working group folder in the members area.

### 3. Position paper Hydrogen vs Helium emission testing

Ralf showed a first draft of an ESA position paper comparing fugitive emission performance of gaseous hydrogen compared to helium. The paper need some more input and he asked all members to have a look at it and get back to him with additions or changes. The draft paper is also downloaded in the hydrogen working group folder.

#### **4. Suggestions and ideas from members**

Ralf asked for additional suggestions and ideas from the participants. But there was no specific feedback.

#### **5. Any other Business**

The next meeting will be in person at the AGM in Prague from 22.-24.04.24.

#### **Date, time, and venue of the next meeting**

23.04.24 11.00 h (CET)

Ralf Vogel 08.02.2024