

# Workshop on the use of fuel cells and hydrogen in the railway environment

17 May 2019

Avenue de la Toison d'Or 56-60, 1060 Brussels

**09:30 - 10:00**

**Registration and coffee**

**10:00 - 11:30**

**Keynote presentations**

Introduction - Carlo M Borghini (**S2R JU**) and Bart Biebuyck (**FCH JU**)  
Policy Overview - Elisabeth Werner (**DG MOVE, European Commission**)  
Study overview - Thomas Zorn (**Roland Berger**)

**11:30 - 12:30**

**Panel 1: Technology status**

*Moderator - Enrique Giron (FCH JU)*

Fuel cell technology - Mark Kammerer (**Hydrogenics**)  
Hydrogen infrastructure - Dr. Peter Haider (**Linde**)  
Train manufacturers- Ulrich Gahl (**Alstom**) and Katrin Seeger (**Siemens**)

*Panel Discussion*

**12:30 - 13:30**

**Lunch**

**13:30 - 14:30**

**Panel 2: Rail applications**

*Moderator - Javier Ibáñez de Yrigoyen (S2R JU)*

Multiple Unit Operator - Thierry Ha (**SNCF**)  
Shunter Operator - Karl Zoechmeister (**Rail Cargo**)  
Mainline Locomotive Operator - Julian Ju Mohr (**Deutsche Bahn**)

*Panel Discussion*

**14:30 - 15:00**

**Coffee break**

**15:00 - 16:30**

**Panel 3: Political perspective and policy landscape**

*Moderator - Mirela Atanasiu (FCH JU)*

Regional representatives - Javier Navarro (**Aragón Region, Spain**)  
Stefan Rehm (**Heide region, Germany**)  
Stefan Bergander (**HYPOS e.V. East Germany**)  
Policy representatives - Elena Hof (**NOW GmbH, Germany**)

*Panel Discussion*

**16:30 - 16:45**

**Closing**

