

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

