



WEBINAR

EU Technical Working Group for Seveso Inspections and OECD Working Party on Chemical Accidents

Hydrogen Fuel Risks Part 2

14 February 2024, 09:00– 13:15 CEST (Rome Time)

Please note that you can pose questions in the chat for discussion in the final session.

The webinar will be open for participation at 8:30. Please try to join a few minutes in advance.

The webinar presentations will seek to address one or more of the following issues associated with potential hydrogen fuel uses in future:

- Uncertainties (e.g., about number of new sites, technologies, locations, etc.)
- Uncertainties about technical and economic feasibility of new use cases
- Standards and regulations – Solutions and challenges
- Implications for permitting and other oversight components (e.g., land-use planning, inspection)
- New demands on risk assessment, modelling and accident scenarios
- Guidance and good practice

Moderator: Maureen Wood, EC-JRC-MAHB

Co-Moderator: Marie-Ange Baucher, OECD

Time Introductory Session

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| 9:00 | <ul style="list-style-type: none">• Welcome to the Webinar• Introduction to the programme• JRC Summary of Webinar 1 | Maureen Wood, EC-JRC and Marie-Ange Baucher, OECD
Maureen Wood, EC-JRC
TBA, EC-JRC |
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Session 1, Part 1:

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| 9:20 | Origins of the current regulation on HRS in France, challenges regarding its evolution | Bruno Debray, INERIS, France |
| 9:50 | Hydrogen infrastructure in the UK: regulatory challenges and scientific knowledge gaps | Simon Gant and Rachel McCann, Health and Safety Executive, United Kingdom |
| 10:10 | Hydrogen projects in Flanders: Situation and risk assessment at the moment | Bruno Reiners, Flemish Environment Authority |
| 10:30 | Discussion: <i>If you would like to ask a question or comment, please use the Webex chat.</i> | |

Comments from representatives of EU and OECD countries not represented in the presentations are very welcome!

10:50 Coffee break

Session 2:

Moderator: Maureen Wood, EC-JRC-MAHB

Co-Moderator: Marie-Ange Baucher, OECD

11:05	Safety related questions	Mareike Strub, Regierungspräsidium Freiburg, Germany
11:25	Findings of an inspection campaign on storage and unloading facilities for hydrogen	Martine Mortier, FPS Employment, Belgium
11:45	Land-use planning in Germany for a hydrogen plant	Mark Hailwood, State Institute for Environment, Baden-Württemberg (LUBW), Germany
12:05	Finnish guidance + modelling challenges	Sanna Pietikainen, TUKES, Finland
12:25	Hydrogen as an energy carrier: transport in methane mixtures	Romualdo Marrazzo, Environment Agency (ISPRA), Italy

12:45 Discussion: ***If you would like to ask a question or comment, please use the Webex chat.***

Speakers and members of the HFR Technical Advisory Group will be invited to reflect on the following questions

- What do we think will be the technology issues to monitor most in terms of industrial risk? Are there some situations that are more likely than others?
- What areas of policy might be high priorities for review and realignment?
- What could be the contribution of existing experts in industry to help reduce risks associated with new hydrogen fuel use cases?
- What other topics could be exchanged in the framework of this EU + OECD ad hoc expert to help identify priorities for government, industry and international organisations?

13:15 End of meeting