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# EPSC Webinar

Wednesday 31<sup>st</sup> March 2021

15.00 – 16.00 (CEST)

14.00 – 15.00 (BST)

DNV

*EPSC webinars facilitated by knowledgeable solution providers offer the opportunity to learn and discuss on a specific safety topic.*

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## Domestic and Industrial Hydrogen: Relevant Phenomena for Safety

The fast-developing energy transition, with a target of net-zero greenhouse gas emissions in the next three decades, will include a significant expansion in the use of hydrogen. The roles being considered for hydrogen include energy transportation and storage, land transport, maritime propulsion, domestic heating and 'hard to de-carbonise' industry. Even if this is only partially realised, there will be a considerable growth in hydrogen production and utilisation. Hydrogen comes with particular process safety challenges which need to be understood if public confidence is to be maintained.

### Aspects to be discussed in an interactive setting

- Overview of potential applications for hydrogen and why.
- How key properties of hydrogen differ from hydrocarbons.
- What this means for potential hazards and process safety.
- Experimental research at DNV Spadeadam Research & Testing.
- Incidents and public perception.



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