



In collaboration with IKEM

# The Future of Hydrogen Regulation in Australia and Germany: what lessons for Scotland?

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## KEY TAKE-AWAYS

- Scotland is well placed to develop its hydrogen sector and position itself as a major exporter of green hydrogen, particularly given its abundant wind resource.
- Germany sees hydrogen as an important opportunity in its energy transition, especially in decarbonizing hard-to-electrify sectors and generating jobs in a new branch of industry.
- Australia is developing a completely new regulatory landscape for hydrogen, while Scotland is using its existing regulatory infrastructure.
- South Australia is set to become a powerhouse in renewable energy, having increased renewable energy generation from 1% to over 70% in just over 20 years.
- Australia can provide important lessons for others, including Scotland, in the context of developing hydrogen licensing procedures.
- Hydrogen could present an opportunity to reinvigorate old alliances and redefine trade relationships in a manner that is sustainable and transparent.
- Both international and inter-state cooperation will be crucial in developing a transparent global hydrogen market with harmonised regulations.
- Hydrogen production can require vast amounts of water and land. Careful consideration of these natural resources is crucial when regulating the hydrogen economy.

## SPEAKERS

### Madeline Taylor

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*Head of energy law at IKEM*

### Stuart McKay

*Head of Hydrogen Policy for the Scottish Government*

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### Kate McKenzie

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C<sup>2</sup>LI is a social enterprise committed to growing legal knowledge and strengthening expertise in the law to drive just and transformational climate action.

Upcoming events: C<sup>2</sup>LI presents: 10 June - 'Research Handbook on Climate Change Litigation'