



Regulatory mapping for future fuels

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Research Summary

Australia's gas infrastructure is currently subject to a range of regulations that were designed for a natural-gas-only network system. This research project thoroughly assessed Australia's current regulatory framework to identify the regulations that will require modernisation to facilitate the use of future fuels within Australia's energy networks and align them with the goals of Australia's National Hydrogen Strategy.

This study builds on the initial work completed as part of Australia's National Hydrogen Strategy and creates a comprehensive regulatory map of all relevant legislation across the natural gas production and supply chain which may be impacted by the addition of future fuels such as hydrogen and biogas.

The study produced a report summarising key issues identified and the direction of possible solutions. The study also created a database that holds details of legislation by state and territory, as well as Commonwealth legislation and applicable Australian standards. The database is designed to be readily updated as these regulations continue to evolve.

The Australian energy industry and regulators benefit from the outcome of this study by ensuring that any regulatory changes required for future fuels are identified early so that appropriate regulatory changes can be initiated and delivered. These changes will enable the many highly-regulated pilot projects happening across Australia to expand and develop under a modernised and effective regulatory environment.

The full research report and database is available to all participant organisations of Future Fuels CRC. More details about are participants are available at <https://www.futurefuelscrc.com/about/participants-and-partners/>

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