

Future Fuels CRC - May 2020 News

Update from David Norman FF CRC CEO

“As I attended the Steering Committees over the last week I have been very impressed by the quality of the research coming through and by the amount of progress that has been made. When you consider the COVID-19 restrictions our researchers and advisors have been working under it is all the more impressive and I thank you all for your hard work.”

This month we have completed three research reports and made them available for our participants:

RP1.2-01: **Future fuels production - status review**

RP1.4-02: **Future fuel use in type B and industrial equipment**

RP2.1-01: **Lessons learned from major infrastructure upgrades**

All our active participants should now have access to the site. If you have any issues, please contact george.whittaker@futurefuelscrc.com.

Future fuels production - status review (RP1.2-01)

This report identifies Future Fuels that could reduce greenhouse gas emissions in various parts of the Australian economy and summarise their methods of production

Future fuel use in type B and industrial equipment (RP1.4-02)

Future Fuels CRC has completed a scoping study that identified the potential technical issues associated with converting Type B appliances (industrial burners, gas turbines and engines, and non-combustion methane users) to natural gas blends with higher levels of hydrogen than can be accommodated by current equipment.

The different characteristics of hydrogen, when compared to natural gas, impact end-use equipment performance, emissions, life and safety. Focusing on natural gas fired Type B and industrial equipment in Australia, this project summarises research and industry experience with hydrogen to date and assesses the main knowledge gaps that could impede the adoption of hydrogen in the future.

Lessons learned from major infrastructure upgrades (RP2.1-01)

To prepare for future transitions to net zero emission future fuels it is valuable to understand and learn the lessons from previous infrastructure upgrades and fuel transitions in Australia. This project researched three different events, technologies and incentive schemes from the 1960's to 2000's:

- 1960s Town Gas to Natural Gas
- 1990s Ethanol and LPG as motor fuels
- 2000s Coal Seam Gas

New members' website up and running

The secure members section of our website www.futurefuelscrc.com is now available to all our participants and we have so far granted access to over 280 advisers, researchers and committee members. The members section unlocks all the research project pages with full information and documentation on all our in-progress and completed projects. To organise access for yourself or a colleague please contact george.whittaker@futurefuelscrc.com



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