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STUART MCKINNON

Building a successful hydrogen industry in WA should not be taken for granted because several of the State's advantages are not unique, a new WA Chamber of Minerals and Energy report states.

CME policy and advocacy director Rob Carruthers said the report highlighted the need for concerted

legislative reform, targeted support and good alignment between industry and government if the State's hydrogen ambitions were to be realised.

For instance, land tenure reform would be essential to accommodate the vast spaces required for green hydrogen projects.

The report also recommends State and Federal governments

pursue certification that establishes a globally recognised framework to market low emissions hydrogen that added value to the industry.

Analysis contained in the report by Australian Venture Consultants noted WA's nascent hydrogen industry would face strong competition from other global suppliers for a product that can be manufac-

tured anywhere water and power are available.

"There also needs to be a realisation that hydrogen isn't like LNG or iron ore where WA is at a competitive advantage simply because of its resources and reserves," Mr Carruthers said. "Middle Eastern countries such as Qatar, Oman and the United Arab Emirates are likely to be significant competitors

when it comes to hydrogen . . . and its vital WA keeps pace." The report identified Japan and South Korea as potential export markets for WA hydrogen given both Asian nations had policies that recognised the big role for imported hydrogen to meet future energy needs and had already invested in pursuing partnerships with potential suppliers, including Australia.