

QUESTION ON NOTICE

No. 420

asked on Thursday, 28 March 2019

MR D PEGG ASKED THE MINISTER FOR STATE DEVELOPMENT, MANUFACTURING, INFRASTRUCTURE AND PLANNING (HON C DICK) —

QUESTION:

Will the Minister advise what action the Palaszczuk Government is taking to support the hydrogen industry in Queensland?

ANSWER:

On 28 March 2019, the Premier and Minister for Trade and I hosted an information session at Parliament House on the opportunities to develop a hydrogen industry in Queensland. Professor Ian McKinnon and Dr Neil Thompson provided very informative presentations on hydrogen production and supply potential for Queensland-made hydrogen.

Hydrogen produced from renewable energy is widely considered to be the ultimate clean, renewable fuel that can be used for power, fuel for vehicles and support a range of industrial and manufacturing processes.

Queensland is well placed for renewable hydrogen production with significant renewable energy resources and existing and planned renewable energy projects. In addition to domestic uses, Queensland has the potential to become a global player in the production and export of hydrogen, helping to meet the world's growing demand for renewable energy.

The Queensland Government recognises that hydrogen is a serious contender as an extremely versatile renewable energy carrier, and now is the time to position Queensland to take advantage of these opportunities.

On 12 September 2018, the Premier and Minister for Trade released a discussion paper 'Advancing Queensland's Hydrogen Industry'. The discussion paper sought feedback from stakeholders on the steps needed to support growth of the industry in Queensland. Supporting innovation, facilitating private sector projects, ensuring a favourable policy environment and the skills needed to develop the industry, were among the priorities confirmed by the consultation.

The Queensland Government participated, under the Team Australia banner, at the International Hydrogen and Fuel Cell Expo in Tokyo in late February 2019, acknowledging the importance of engaging with our global trading partners.

The importance of these international linkages was highlighted by the announcement on 15 March 2019 by JXTG, Japan's largest petroleum conglomerate, of the first

demonstration scale delivery of renewable hydrogen from Queensland to Japan. This hydrogen was produced using JXTG's proprietary technology at the Queensland University of Technology's (QUT) solar photovoltaic facility, which is located at the Queensland Government's Redlands Research Facility.

On 28 March 2019, the Queensland Government announced that in addition to hosting this facility at Redlands, a contribution of \$250,000 was made to QUT to support the establishment of the facility.

The Queensland Government is committed to the development of a hydrogen industry strategy for Queensland in 2019.

The strategy will be released later this year and will provide a framework for developing an economically sustainable and competitive hydrogen industry for Queensland.

This is another example of the Palaszczuk Government's leadership in renewable energy technologies and biofuels, diversifying our economy and, most importantly, creating the jobs of the future.