



Speech By  
**Hon. Mark Bailey**


**MEMBER FOR YEERONGPILLY**

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## **MINISTERIAL STATEMENT**

### **Jobs and Innovation**

 **Hon. MC BAILEY** (Yeerongpilly—ALP) (Minister for Main Roads, Road Safety and Ports and Minister for Energy and Water Supply) (10.06 am): I am proud to be part of a government that is focused on jobs and innovation. The Palaszczuk government went to the election with an Advance Queensland plan to support our university sector, invest in groundbreaking research and stimulate new investment. The new Palaszczuk government is creating the jobs of tomorrow and helping make Queensland a state where innovation has become a commercial reality.

We are working to foster a sustainable ethanol industry in Queensland. Industry groups and primary introducers have been consulted about our plan for a two per cent ethanol mandate. A joint Deloitte Access Economics and QUT study predicts biorefining, in all of its forms, fully realised, could contribute more than \$1.8 billion in gross state product to Queensland over the next 20 years, creating more than 6,000 jobs. A vibrant ethanol industry means new ethanol high-tech plants could open in this state, creating the potential to develop new generation biofuels with international opportunities, such as the US naval fleet as it moves towards renewable fuel sources.

This government is also committed to one million Queensland solar rooftops by 2020 as part of our Solar Future program. Labor also has a vision of 50 per cent renewable technology by 2030 and the jobs and investment that will come with it. My Department of Transport and Main Roads is working with the Australian Road Research Board. Successful trials have been conducted for a new type of asphalt—known as high modulus asphalt—which is especially suited to heavily loaded pavements and can reduce costs through a reduction in asphalt thickness. The same team is also working with my department on foamed bitumen stabilising, which addresses cracking issues and provides resilience against flooding.

Transport and Main Roads are also using fibre composite bridges to replace our ageing timber girders. Fibre composite girders are lightweight and strong yet have similar strength as the timber girders they are replacing. To build a bridge of the future, TMR has formed a strategic research partnership with Griffith University, the University of Queensland, QUT and the Motor Accident Insurance Commission. It is known as ASTRA. This \$3 million, five-year partnership agreement—signed when Labor was last in power—is just about to be renewed. We are getting on with advancing Queensland with the research lab—from the road to the rooftop.