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# Voice of the Engineering Profession

Engineers Australia  
2018 Tasmania State Government  
Election Priorities

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## Our Work

- > Accredit all Australian university engineering programs.
- > Largest voluntary register for engineering, the National Engineering Register (NER).
- > Advance engineering knowledge through our nine discipline based colleges and 30 specialist technical societies.
- > Largest provider of Continuous Professional Development to the engineering profession.
- > Migration skills assessments on behalf of the federal Government.
- > Inspire over 100,000 primary school students with EngQuest.
- > Located in every state and territory, plus overseas chapters in Asia, UK and Middle East.
- > Represent Australia in the International Engineering Alliance and develop agreements for global professional mobility.

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## Public Policy Imperatives

The engineering profession is committed to creating solutions to make the world a better place. A public policy framework for Tasmania is needed that:

- Draws on engineers to solve policy challenges
- Reflects the nexus between educating people now for the workforce of the future
- Understands the value of domestic skills capability within a global marketplace
- Promotes and enables innovation in everything we do, drives economic growth and improves standards of living.

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## Election Priorities

### FUTURE WORKFORCE

Engineers Australia promotes the vital need for engineers in turning ideas into products and services with social, economic and environmental value through:

- Drawing on professional experience to inform and guide the educational needs of the future generation of engineers
- Encouraging more young women to participate in school-level advanced and intermediate maths and science
- Implementing policies and programs that develop and retain competent experienced engineers in the profession, especially women and migrants
- Actively supporting the initiatives that come from the Engineers Australia Tasmanian Engineering Profession Workforce Development Plan 2016–19

### ENERGY

Engineers Australia believes it is essential that Tasmania drives economic growth and develops resilience and sustainability through energy policy by:

- Ensuring the availability of, and access to, natural gas at a competitive price
- Encouraging and facilitating the uptake of new renewable generation and supporting technologies
- Implementing the recommendations of the Tasmania Energy Security Taskforce
- Reducing our exposure to imported transport fuels through an integrated approach to transport energy efficiency and transport modal change



“ We engage industry, academia, media and Government at every level in all jurisdictions. ”

## INFRASTRUCTURE

Engineers Australia supports a strategic approach to minimising the boom/bust nature of infrastructure investment that:

- Plans beyond an election cycle for a minimum of 15 years
- Is integrated between agencies and levels of government
- Feeds into Infrastructure Tasmania
- Provides for long-term workforce stability
- Explores alternate funding arrangements
- Includes for “whole of life” asset management practice

## GOVERNMENT AS AN INFORMED BUYER AND POLICY MAKER

### CHIEF ENGINEER

Engineers Australia believes there is a need for a Tasmanian Chief Engineer and Scientist appointed by the Premier, to:

- Provide independent advice on engineering intensive policies and projects
- Provide advice on policies and programs that foster innovation
- Assist governments develop industry policies and programs that will drive economic growth and boost productivity

### REGISTRATION

Engineers Australia supports the registration of the engineering team to ensure a highly skilled engineering workforce as it:

- Provides a standard that the public and government can use to give confidence that an engineer has the qualifications and experience to practice
- Demonstrates that an engineer possesses the skills and standing to be competitive in the global market
- Assists with ensuring accountability of engineers and provides ongoing validation of competency and standards

Engineers Australia supports legislation in Tasmania to make it a requirement that engineers be registered. A similar scheme exists in Queensland and legislation is pending in Victoria.

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*The Institution of Engineers Australia (Engineers Australia) is the peak body of the engineering profession. We are a member-based professional association with over 100,000 individual members. Established in 1919, Engineers Australia is a not-for-profit organisation, constituted by Royal Charter to advance the science and practice of engineering for the benefit of the community.*

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*Engineers Australia is the  
trusted voice of the profession.  
We are the global home for  
engineering professionals  
renowned as leaders in shaping  
a sustainable world.*

## **Engineers Australia**

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