



ENGINEERS  
AUSTRALIA

*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.*

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# Voice of the Engineering Profession

*Engineers Australia  
Western Australia Election Strategy*

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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 disciplinebased 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 in our 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 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, to drive economic growth and improve standards of living.

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## Election Priorities

### REGISTRATION

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

- Provides a standard that the public and government can use to provide 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 Western Australia to make it a requirement that engineers be registered. A similar scheme exists in Queensland and legislation is pending in Victoria.

### ENERGY

Engineers Australia believes it is essential that Western Australia drives economic growth and develops long resilience and sustainability through energy policy.

The energy policy would be developed with due consideration to:

- Ensuring availability of, and access to, natural gas at a competitive price
- Setting renewable energy targets
- Developing infrastructure to support electric vehicles
- Understanding and planning for the future of energy production and usage.



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

### INFRASTRUCTURE

Engineers Australia supports integrated long-term infrastructure planning in Western Australia and calls for the establishment of an Independent Infrastructure Body that:

- Is represented by government and industry
- Plans beyond an election cycle – minimum of 15 years
- Is integrated between agencies
- Feeds into Infrastructure Australia
- Explores alternate funding arrangements.

### STEM FUTURES

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

- Developing more specialist teachers of maths and science
- 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
- Aligning policies and programs that foster innovation with the educational requirements and professional development necessary to become an engineer.

### CHIEF ENGINEER

Engineers Australia believes there is a need for a Western Australia Chief Engineer. Appointed by the Premier, they will:

- 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.

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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.*