

What if you could influence tomorrow's workforce, today?

Join Aruhiko – PEET to empower
those who will shape New Zealand's
energy future.



About Aruhiko – PEET

Aruhiko – Power Engineering Excellence Trust (PEET) is a not-for-profit organisation established in 2002 to ensure a pipeline of power engineering talent.

To ensure the lights stay on while we meet the nation's sustainability and emissions goals, Aruhiko – PEET works to inspire and enable tomorrow's power engineering talent by sharing responsibility, knowledge and opportunity across industry and academia.

Our activities are supported through a collaborative partnership with EPECentre, our student interface at the University of Canterbury's Faculty of Engineering.

More information: www.peetnz.org



**Now is a pivotal
time to act.**

Invest in Aruhiko – PEET and ensure a pipeline of high-calibre talent to sustain and enhance our industry.

Main challenges faced by our sector:

- Profound evolution and change
- Aging of our current workforce and limited window for their lifetime of knowledge to be handed to the next generation
- Recruitment and diversity

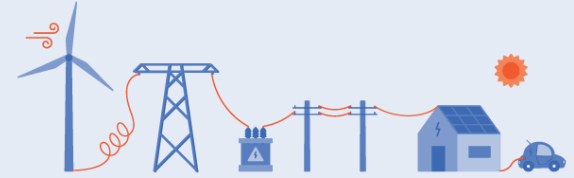
Much of the technology and innovation required depends specifically on the **expertise of power engineers**. Now more than ever we **need fresh perspectives**.



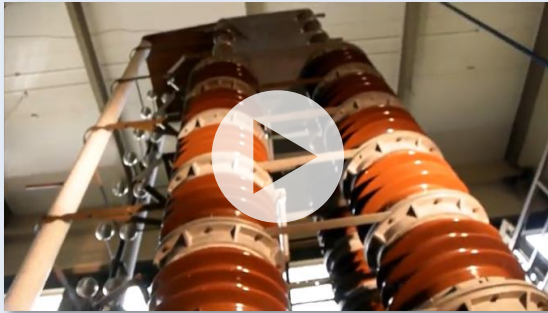
"I would definitely recommend others to join Aruhiko – PEET because of the long-term benefits and to make sure we have a continuous flow of people and expertise coming into the industry."

Brendon Quinn, Network Manager, EA Networks

Raising the profile of the electricity industry & power engineers



- Outreach and marketing campaigns for school leavers, through videos, sponsorships, scholarships posters (educational or profiling scholars, engineers in the industry), etc.

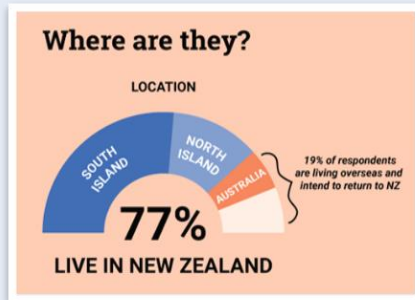


- Promoting to students the variety of career pathways, the opportunities and advantages of working in power engineering via events and our website

Filling the capability gap

Since 2003, Aruhiko – PEET has maintained a steady talent pipeline.

- Over 250 scholarships awarded
- Over 70% of former scholars are employed in Electric Power Engineering*
- 40% of all former scholars are working for a current PEET member*



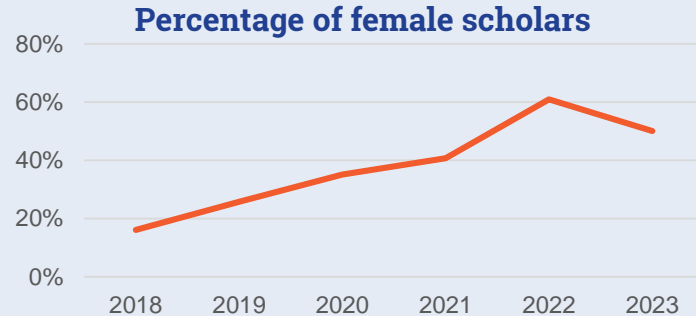
**Source: 2019 Former Scholars Survey – check the results:*

<https://www.canterbury.ac.nz/media/documents/epecentre/2019-Former-Scholars-Survey-Results.pdf>

Questions were sent in September 2019 to 130 former scholarship recipients (undergraduate and postgraduate students). We received 70 responses (54% response rate).

Broadening the diversity of the talent pool

- Focused outreach activities reaching communities which have less opportunity to learn about or engage with science and engineering
- Selection criteria aimed at improving gender equity since 2019



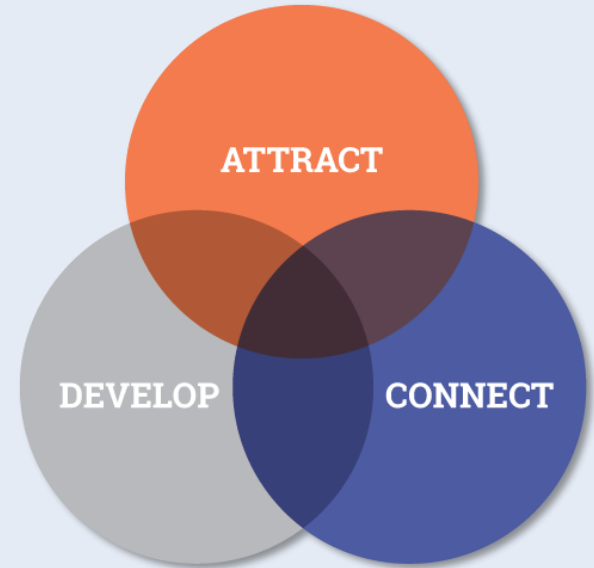
Percentage has increased from 16% (2018) to 50% (2023)



**This is your chance to
influence the direction
of our industry.**

What we do

- **ATTRACT students** and more children into engineering and broaden diversity
- **DEVELOP talent** and produce graduates with practical skills
- **CONNECT industry and talent:** engage with and recruit your future employees



Attract students

We spark interest early with outreach activities and events for primary and secondary school students.



Outreach events

- Amazing Race – about 200 Y9/10 students every year participate and learn through fun and games to crack the code
- TECH Bootcamp Christchurch to encourage Māori into Engineering (funded by FAN project*)



School leavers

- Over 1400 students have visited ECE Labs since 2017 to participate in learning activities
- 10 online videos aligned with NCEA
- Women in Engineering residential programme with 60 Y12 students every year



Scholarships

- Up to 8 scholarships per year level of BE(Hons)
- From 2021, some scholarships offered to University of Auckland students
- Diversity and financial hardship selection criteria included

Develop talent

We guide and equip the best of our next generation of power engineers and we ensure students gain practical insight.



Field trips

- Annual 4-day field trip for approx. 35 Engineering students (over 300 students since 2013)
- Visiting NZ power infrastructure and other industry sites
- Highly rated by students



Sponsorship

- Industry pertinent students' groups, such as UC Motorsport (UCM) – proudly supported by PEET since 2016
- Design and build electric race cars to compete at the annual Formula Student competition
 - Designed and built electric car to attempt the land-speed record in 2023

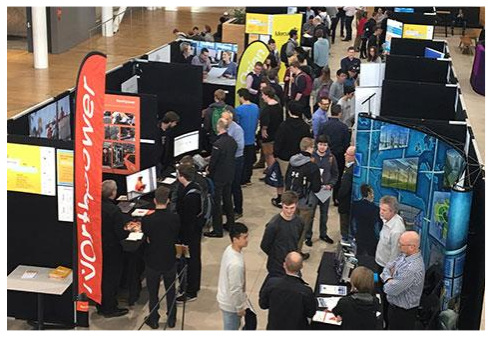


Support to Scholars

- Large scholars community with over 250 scholarships awarded since 2003.
- Mentoring programme
- Dedicated events for scholars and social group

Connect industry and talent

We provide opportunities for students to connect and collaborate with the industry to gain vital experience and develop career opportunities.



Careers events

- Annual Power Careers Expo and Convention (online format for industry, group participation facilities for students provided)
- Support for advertising summer and graduate jobs, including dedicated webpage for your company



Functions

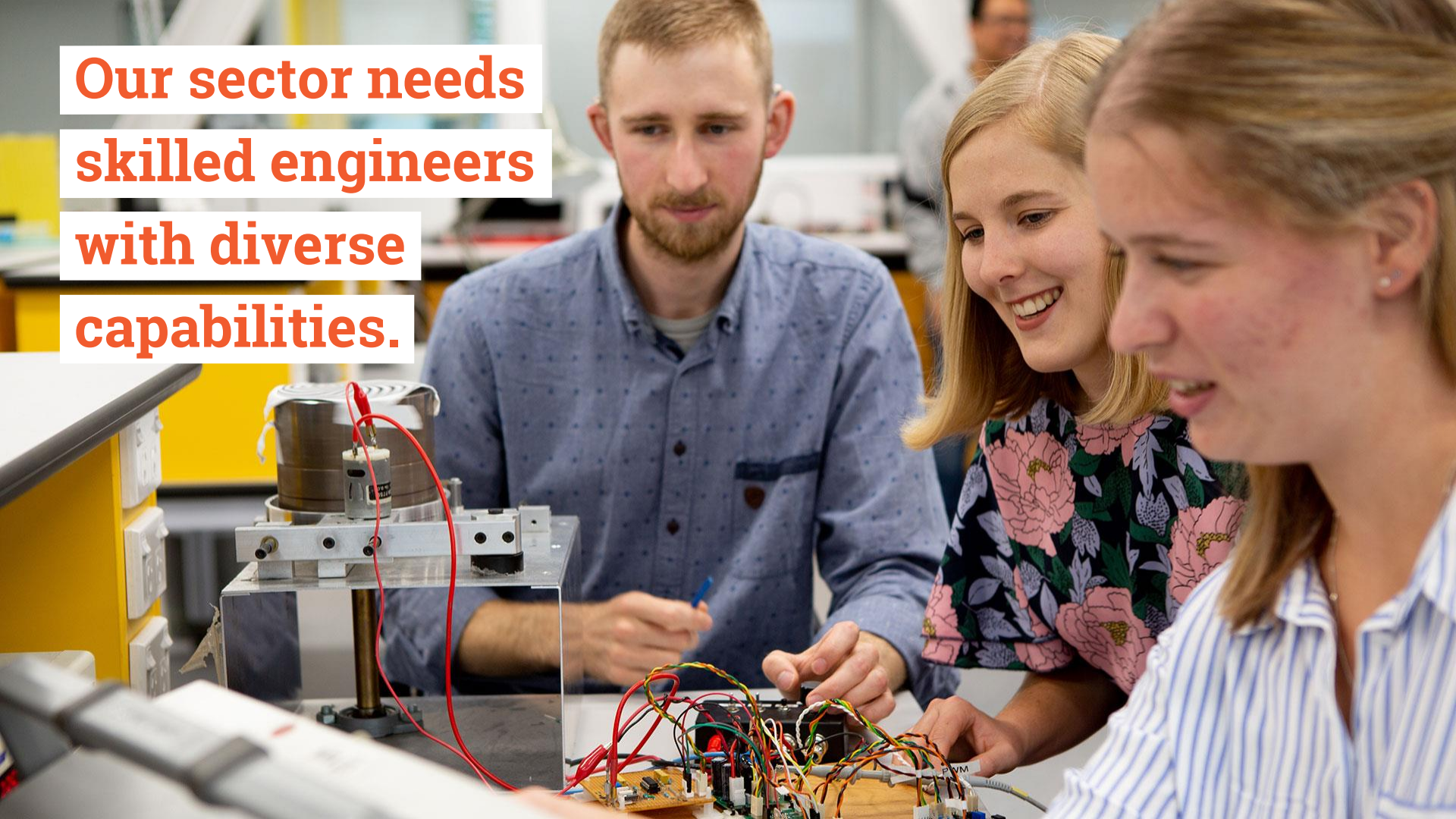
- Annual scholars' welcome and scholarships awards
- Networking opportunities for industry to access a pipeline of talent
- Opportunities to give talks



Student projects

- Project sponsorship opportunities (undergrad and postgrad)
- Discounted sponsorship of a tailored Power Engineering final year project

**Our sector needs
skilled engineers
with diverse
capabilities.**



Meet our scholars

See more profiles:

<https://www.canterbury.ac.nz/epecentre/scholar-profiles/>



"The industry events run by PEET & EPECentre are a great way to make connections and gain a deeper insight into the industry from the perspective of those working in it. As I look towards graduating, I am excited to embark on a career which challenges me in an industry that combines technical problem-solving with the opportunity to provide a tangible benefit to society."

Emilie Feasey, 2020 Scholar, 2020 Fourth Year Student



"I like the idea of using science and technology to solve real-world problems. Electrical engineering, particularly power engineering, therefore seemed like a natural fit, due to the exciting challenges faced in dealing with real-world problems like climate change. The scholarship has been extremely helpful for me and gave me the opportunity to meet and learn from industry members."

Matt Blake, 2018-20 Scholar, 2020 Fourth Year Student



"The scholarship confirmed for me that I was capable of doing an Electrical Engineering degree and that I had support if I needed it. Personally, I didn't know many electrical engineers and definitely didn't know any women in this field that I could relate to. This is a great opportunity."

Abigail Field, 2020-21 Scholar, 2021 Third Year Student

Meet our former scholars

See more profiles:

<https://www.canterbury.ac.nz/epecentre/scholar-profiles/>



"I decided to study engineering at UC following an electrifying tour of the university's high voltage lab and found a passion for power systems working on hydro power stations between semesters. It's safe to say things are changing fast, and it has never been a more exciting time to be a power system engineer!"

Jesse Stuart, Transpower, 2016 Scholar



"I find designing in the electricity industry an invigorating career and one that challenges me every day. The electricity industry has a great opportunity at present to lead society into a new era with a focus on innovation and smart technologies which all leads to an exciting outlook ahead."

Ben Dobson, Mitton ElectroNet, 2013 Scholar



"The skills we need are changing and I am encouraged by what I see of our recent graduates and their adaptability and knowledge, and the research being done at institutes like the EPECentre."

Michael O'Brien, Powerco, 2007 Scholar



**Join PEET to increase the pool and
calibre of NZ's power engineers.**

Join Aruhiko – PEET to

- Attract more children into (electrical and power) engineering, and broaden diversity
- Produce holistic graduates with practical skills
- Meet, engage with and recruit your future employees
- Access research and innovation
- Champion the critical role we all play in New Zealand's energy future.

Additional benefits

- **Student recruitment and practical experience**

- Access to scholars/students for your projects
- Advertise jobs to students
- Discounted sponsorship of a tailored Power Engineering final year project
- Host field trips, visits and summer projects

- **Promotion of the Electricity Industry**

- Strong presence at student expos and events
- Promotion through marketing materials
- 'Good news stories' for annual reports relating to PEET activities

- **Others**

- Fulfil corporate social responsibility (or equivalent) goals
- Tax-free membership by donation to the Trust
- Access to UC facilities and connection to a pool of innovation experts, facilitated by EPECentre staff
- Premium Membership also includes Membership for any wholly-owned subsidiaries in the electricity industry.

Contribution and spending share

Contribution Bands:

- Premium member Donation: \$22,000 p.a. and above
- Member Donation: \$6,600; \$10,000; or \$15,000 p.a.

Membership donations are pooled in a managed fund, which is used to resource PEET activities. These funds are carefully managed, so you can be assured the Trust is secure to maintain our work for the long term.

Annual expenditure (approximately):

- 40% on undergraduate and postgraduate student scholarships
- 15% on specific student activities (field trips, sponsorships, etc.)
- 10% on operation of the UC HV Lab (a unique facility in NZ) as education and research seeding
- 35% operational cost to administer and support PEET and its activities

Meet the Aruhiko – PEET Trustees

As of January 2023

The seven trustees of the Power Engineering Excellence Trust represent the various sectors of the power industry. A trustee holds office for a term of three years but is eligible for re-appointment for a further term or terms. At the end of a trustee's term, nominations and/or elections will take place to appoint new or continuing trustees. The PEET Trustees meet four times annually and do not receive any remuneration in their capacity as trustees.



Peter Armstrong
Westpower (representing EEA)
Professional Engineering Sector



Peter Brown
PSC
Consulting Sector



Mornez Green
Electrix
Contracting Sector



Vacant
Generation Sector



Nikki Newham
Transpower
Transmission Sector and
Chair of Board



Shane Watson
Network Waitaki
Distribution Sector



Neville Watson
University of Canterbury
Academic Sector

Aruhiko – PEET Members

As of January 2023

Premium Members



Members



About EPECentre



EPECentre, a joint initiative between the electricity industry and the University of Canterbury, was established in 2002 as an entrepreneurial endeavour.

The EPECentre has two distinct areas of operation:

- Research and Innovation – Government and industry funded projects delivered by the EPECentre Research team
- Education and Outreach – funded by the Power Engineering Excellence Trust (PEET) and administered by the EPECentre



**Join Aruhiko – PEET
today to influence the
direction of our industry
and its future workforce.**

www.peetnz.org