

## ENERGY CLUB WA NEXT GENERATION SCHOOLS PROGRAM

Connecting the Next Generation to careers in the energy industry.

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### Become a Mentor

Volunteer your time to visit with students and share your experiences of working in the energy industry!

## NEXT GENERATION PROGRAM

We aim to educate students about the energy industry and the important role energy plays in our society, as well as provide information on the diverse range of careers and opportunities available.

### WE ENCOURAGE YOU TO APPLY

This is a rewarding experience and great opportunity to give back to the community, the industry you work in and enhance your own personal development. We are searching for energetic, positive role models in the industry who value the process of sharing their knowledge to the “next generation”.

In 2023 we had 27 schools participate in the program, 8 of which were regional. Many of the schools have been involved with our program for several years and continue to come back year after year.

If you would like to be involved, please apply online or contact us for further information.

## ABOUT THE PROGRAM

The objective of the Next Generation program is to introduce students year’s 8-10 to the energy industry in a fun, interactive and educational environment. We aim to educate students about the positive impact of the energy industry and the important role energy plays in our society, while showcasing the diverse range of career options available.

This program provides an opportunity to inspire the next generation and to promote the benefits of the energy industry to our future workforce, by receiving information first hand from mentors.

### TERM ONE:

February 2024

- Teacher Information Sundowner
- Mentor Briefing and Training Session
- School Visit One  
(Completed by March / April)

### TERM TWO:

- School Visit Two  
(Completed by June)

### TERM THREE:

- School Visit Three  
(Completed by September)

### TERM FOUR:

- School Visit Four
- School Visit Five (Optional)  
(Aim for visits four and five to both be completed by October / November, before the Student Expo Day)
- Students are invited to Expo Day at ECU Joondalup Campus..



## PROGRAM BREAKDOWN AND SCHEDULE

### Visit One - Introduction to the Energy Industry

The first mentor session provides students with an introduction to the energy industry and the impact it has on society, plus the way in which it affects our day-to-day lives.

### Visit Two - Project Lifecycle & Careers

The second visit focuses on the project lifecycle and the diverse range of careers required to help complete a project, highlighting the array of opportunities available within each tier of the project cycle.

### Visit Three - The Future of Energy

The third visit concentrates on renewable energy developments, the future mix of energy, how all the different energy sources work and what the benefits are of each source.

### Visit Four - Panel Mentor Career Presentations

The fourth visit is a career's panel, where 3-4 mentors from various backgrounds and disciplines share their career journey within the energy industry. This provides more insight into the diverse range of careers available, as well as the various paths taken to achieve them.

### Visit Five - Woodside Energy Transition Game

The fifth visit is optional. It's a game provided by Woodside Energy which aims to take students on a journey from now until 2050. The game demonstrates the complexities of providing energy to the world and the difficulties in transitioning to a low carbon energy market.

## PARTICIPATING SCHOOLS



**HOW TO BE INVOLVED...**

The Next Generation program is the success it is because of the on-going support from our industry.

We encourage you to contact our office if you have the time and resources available to commit to the development of the program. This can be by way of sponsorship, mentoring, interactive displays, or event volunteering to assist in the coordination of the program itself.

**BECOME A SPONSOR**

This program relies on the participation from industry mentors and organisation sponsorship to ensure we can continue to inspire the “next generation”. This is a great way to align your organisation with an initiative that engages the wider community and our future workforce, as well as financially supporting the program.

This program provides a rewarding opportunity for your organisation and your staff to give back to the industry you work in. Engage with the ‘Next Generation’ of aspiring students and ignite their passion for the energy industry.

Thank you to our Program Sponsors





## BECOME A MENTOR

Volunteer your time and visit with students and share your experiences of working in the energy industry.

This is a rewarding opportunity to give back to the industry you work in, engage with the 'next generation' of aspiring students and ignite their passion for the energy industry.

We have two different mentor positions available, Lead and Co-Lead mentors or Guest/Panel mentors.

**Lead Mentor** who undertakes the full program over 4 -5 school visits, (45-60 minute sessions).

**Panel Mentor** attends on a panel, as a guest speaker at the fourth school visit to discuss their career journeys and show students the various career paths they can take, and roles they can have within the industry.

Interested in signing up as a panel or lead mentor? Visit: [energyclubwa.org.au/education/mentor-EOI](https://energyclubwa.org.au/education/mentor-EOI).

## THANK YOU FOR YOUR SUPPORT

This program would not be possible without the support of our mentors and sponsors. This year, the Next Generation Schools program was fortunate enough to have significant support from a group of excellent industry representatives who provided mentorship and drive for the program.

Our mentors provide their time on a voluntary basis, giving students the opportunity to hear firsthand from industry professionals, who share their skills and experiences with the students - one of the program highlights.

The future is in our hands, and the Next Generation Committee look forward to building and developing the program with your support.



## ABOUT THE STUDENT EXPO DAY

The competitive component of our program and overall highlight, is the Student Expo Day, held at Edith Cowan University, Joondalup Campus.

The expo is open to all students who have shown a keen interest in the Energy Industry throughout their participation during the school visits. We had over 350 students attend in 2023, which goes to show the impact the program is having on our next generation. The Expo Day gives students an insight into campus life and displays the amazing facilities ECU has to offer.

The Student Expo Day showcase's the interactive displays and simulations, relating to industry, for the students to participate in a fun and co-operative environment. This helps to generate interest and facilitates the question-and-answer process between students and the industry representatives.

## EXHIBITS OVER THE YEARS

VR Experiences, Coding an Ozobot, PPE, Magnetics Game, NDT Plates, Cuttlefish Analysis, Quizzes, 3D Models with a Carbon Footprint talk, Safety Shower Assembly, Lego Build, Permeability through different media, Density Measurement, Small ROV's on the ground, Exploration Game, Kerplunk, Mimic Subsea Development, and Robotic Crawlers.

We are calling for exhibitors for 2024 Expo Days. If you have an interactive activity or new technology to showcase to the students, please register your interest with Michelle: [education@energyclubwa.org.au](mailto:education@energyclubwa.org.au)



## PROGRAM PRIZES

The top performing students at the student expo day will receive some amazing industry relevant experiences.

We like to thank our sponsors for these fantastic prizes;

AUSTRALIA'S SAFETY  
TRAINING SPECIALISTS

**ERGT**

### 1ST PRIZE: HELICOPTER UNDERWATER ESCAPE TRAINING PROUDLY SPONSORED BY ERGT

Participants will experience firsthand training in submerged helicopter simulators and learn essential sea survival techniques, including life jacket and life raft training. Intended to heighten safety procedures, danger awareness and operational standards for flights over or near water.

**ELECT**  
TRAINING & CONSULTING

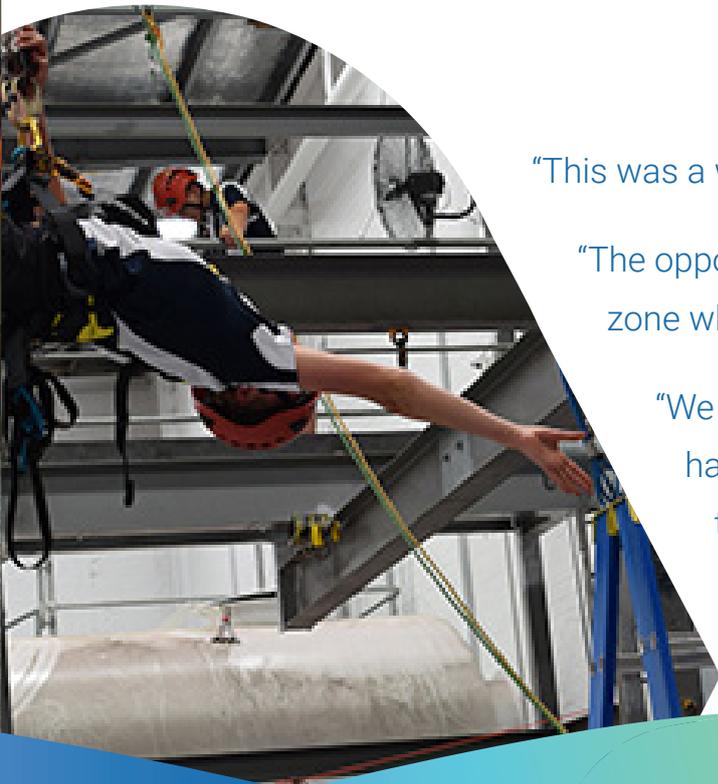
### 2ND PRIZE: DAY SAIL ON THE LEEUWIN THANKS TO ELECT

Experience the thrill and adrenaline of sailing on Australia's largest ocean-going sail training tall ship, the STS Leeuwin II. Students will help crew haul the lines, take the helm, and even try some climbing aloft.

**VERTECH  
GROUP**

### 3RD PRIZE: ROPES TRAINING PROUDLY SPONSORED BY VERTECH GROUP

Rope access is regarded as the safest and most dynamic method of working at heights. Here you'll learn how to use ropes and associated equipment to gain access to work areas that are hard to reach! Although the prize is physically demanding, it's a fun day out and will give students an idea of the skills required on site.



"This was a wonderful once in a lifetime experience!"

"The opportunity allowed us to all step out of our comfort zone while being in a safe and friendly environment. "

"We learnt so many useful life skills through theory and hands on tasks. We are so extremely grateful to the team at Energy Club WA and sponsors for our experience and for making the day so