



ENERGY CLUB WA NEXT GENERATION SCHOOLS PROGRAM

Connecting the Next Generation to
careers in the energy industry.

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 2022 we had 23 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 2023

- Teacher Information Sundowner
- Mentor Briefing and Training Session

1st March to 6th April 2023

- Mentor Visit One completed

TERM TWO:

24th April to 30th June 2023

- Mentor Visit Two completed

TERM THREE:

17th July to 22nd September 2023

- Mentor Visit Three completed

TERM FOUR:

9th October to 14th December 2023

- Mentor Visit Four completed
- Students invited to Expo Day.

Student Expo Day: Friday 1st December,
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 highlights the positive impact it has on our society. This visit includes an interactive activity to grasp what the students already know about the industry.

Visit Two - Project Lifecycle & Careers

The second visit focuses on the project life cycle and starts to showcase the diverse range of careers required to complete the project, many of which they wouldn't have considered. The visits activity for this session focuses on the different disciplines within a project. Each team will be given a different experiment to complete and afterwards they'll need to relay back to the rest of class their task and any troubles they experienced.

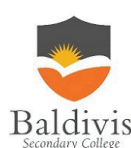
Visit Three - The Future of Energy

The third visit focuses on renewable energy developments, the future energy mix, how all the different energy sources work and what the benefits are of each source. There will be an interactive activity for all students to take part in as a part of the session.

Visit Four - Group Panel Session

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.

2023 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 for 2023



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.

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.

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 on Friday 1st December 2023.

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 2022, 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.

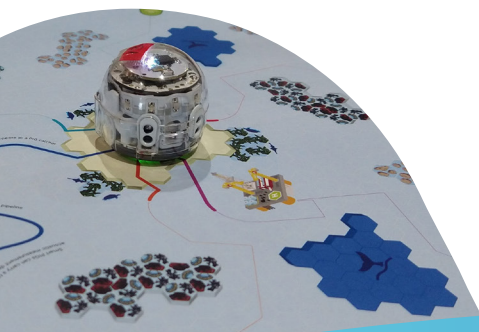
The Student Expo Day showcase's the interactive displays and simulations, relating to industry, for the students to participate in a fun and co-operative environment. This helps to generate interest and facilitates the question-and-answer process between students and the industry representatives.

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 2023 Expo Day.

If you have an interactive activity or new technology to showcase to the students, please register your interest with Michelle: education@energyclubwa.org.au



2023 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

