

STUDENT ENERGY CAREER TRAINING

EMPOWERING THE NEXT GENERATION OF ENERGY LEADERS

The Student Energy Career Training (SECT) is a 6-month cohort-based program that builds leadership and employability skills through energy education, project management training, individualised career coaching, and interdisciplinary collaboration through experiential learning opportunities with organizations in the energy and sustainability sectors.

Upon completion, SECT graduates emerge with a robust skill set and applied experience that positions them well to enter a career in the sustainable energy workforce.

Since 2022, SECT has partnered with over 20 intergovernmental agencies, project developers and energy system actors, and over 80 industry mentors to upskill 220+ global youth from 60 countries to enter the energy workforce.

SECT addresses Student Energy's charitable objective, "the advancement of education", and closes the gap between theoretical education and critical early career experience by delivering a hands-on learning program and leadership opportunities to enable youth to kickstart their careers in the energy transition.

PROGRAM COMPONENTS

Energy Curriculum & Coaching

The energy curriculum covers foundational training in energy systems, project management, and career paths in the energy sector.

Practicum Project

Participants will initiate and implement a project, providing insights and solutions to industry project partners. Participants will collaborate with partner organizations working on real-world projects and gaining hands-on experience.

Career Readiness

The curriculum includes personalized coaching on job acquisition skills and career readiness. It covers job search strategies, interview techniques, networking, pitching, and more.

KEY MOTIVATORS FOR SE CAREER TRAINING PROGRAM



Closing the Skills Gap

SECT provides experiential learning opportunities with industry professionals in the energy transition, directly bridging the gap in the sector.



Growing Workforce Demand

The IEA estimates that the energy transition will create 30 million jobs in low-carbon technologies by 2030.



Intergenerational Collaboration

SECT creates pathways for meaningful engagement between industry actors and young people interested in pursuing careers in the sector.



Addressing Barriers Identified by Youth

SECT tackles youth barriers to green job participation through training and expert connections who share critical insights and opportunities.

OUTCOMES FOR STAKEHOLDERS

SECT partner organizations will gain:

- Access to a dedicated team of highly-motivated students (each contributing ~10 hours/week) to tackle your organization's specific challenges.
- Practical, innovative, youth-led solutions to future-proof your organization.
- Direct pipeline to vetted, globally-diverse talent for recruitment.
- Comprehensive training and mentorship program management handled by our team of program coaches.
- See recent projects with our partner organizations: [SECT 2024 Partner & Project Summary](#)

SECT program participants will gain:

- Official SECT Certification documenting program achievements.
- Hands-on experience with real-world energy transition projects in partnership with industry leaders.
- Technical energy knowledge and project management skills gained from contents in our LMS (Learning Management System) and team project work.
- Leadership skills required for future work in the rapidly evolving energy transition.
- Access to expert mentorship and guidance from Student Energy staff and network of global energy leaders.
- Expand professional networks by building relationships with cohort and partner organizations.
- Curated curriculum with resources and training relevant to their energy knowledge and projects.
- Upon completion, participants receive membership in Student Energy's Alumni community (50,000+ young energy leaders worldwide).



Deborah Emopaire (she/ her)
3rd cohort - Nigeria

"SECT was the right blend of theory and practice. After SECT I applied my research, and policy skills for Naija Policy Hackathon where I was selected along with 400 young people across various themes. I was selected as team lead alongside my team members to participate in the Climate Act Track to suggest policy recommendations to improve the Nigerian Climate Change Act. I have landed a role with a clean energy startup Kiru Energy, which was co-founded by Chibunna Ogbonna, who served as Regional Coordinator for Student Energy's research work, on the Global Youth Energy Outlook. "I get to work on clean energy projects in my career in a way I used to dream of doing."

PREVIOUS PARTNERS



Kevyn Noguera (he/him)
Pilot cohort - Brazil

"My interest in pursuing a career in data analytics and research was sparked by the practicum project with Enel Foundation. Since then, I have been learning more about this field of study and I'll be taking on a new role at Enel in 2023 that will involve managing and analyzing investments in electricity distribution networks using a regulatory approach. I believe SECT helped me in developing both the soft and hard skills required for this role."

HOW YOU CAN GET INVOLVED

Are you interested in engaging young energy talent committed to the clean energy transition and enabling them to contribute to this future within your organization? Is your team seeking to advance innovative and collaborative solutions that contribute to a sustainable energy future?

We would like to connect with you! Please reach out at: sect@studentenergy.org

[Learn more about the SECT Program here.](#)