

SE CAREER TRAINING

PARTNER & PROJECT

Summary for Cohort 6

Women in Energy Africa

STUDENTENERGY

studentenergy.org

Student Energy is a
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About Student Energy Career Training

The Student Energy Career Training Program (SECT) is a multi-disciplinary program that builds leadership and employability skills through energy education, project management training, individualized career coaching, teamwork and collaboration, and experiential learning opportunities with leading energy companies. This year, in partnership and with the contribution of Enel Foundation, and with the support of RES4Africa, the program is taking an exciting turn with a focus on African women interested in building their careers in the energy transition, on the African continent!

PHASE 1



Coursework
& Onboarding

PHASE 2



Practicum Project

PHASE 3



Career Development
& Coaching

Cohort 6

Enel Foundation x RES4Africa Foundation



Sustainable
Energy for All



Clean Technology Hub



Clean Technology Hub
energy innovation centre

Women in Energy
Sierra Leone Limited



Hulu Solar



Enel Foundation x RES4Africa Foundation

Enel Foundation is an independent non-profit organization of Enel Group, founded by Enel S.p.A, focusing on the crucial role of clean energy to ensure a sustainable future for all. By developing partnerships with pre-eminent experts and institutions across the globe, leveraging on the vast knowledge of its founders, Enel Foundation conducts research to explore the implications of global challenges in the energy domain and offers education programs to the benefit of talents in the scientific, business, and institutional realms.



 <https://www.enelfoundation.org>

 [/enel-foundation](https://www.linkedin.com/company/enel-foundation)



Project Overview

This project aims to deliver a Knowledge Report that will contribute to both organization's mission of promoting training activities to support Africa's Just Energy Transition. The initiative emphasizes diverse ways in which women can lead the energy transition, from expanding access to clean energy to advancing education, entrepreneurship, and community-based solutions. The research and resulting report will provide evidence-based insights that can inform policy recommendations and strategic planning for gender-inclusive energy transition approaches.

Started in 2012, RES4Africa (Renewable Energy Solutions for Africa) is a Foundation that works to support Africa's Just Energy Transition to achieve SDG7, ensuring access to affordable, reliable, sustainable and modern energy for all. It functions as a bridge between Europe and Africa, gathering a network of members from all over the clean energy sector from both continents and high-level international partnerships to ensure constant dialogue between the most relevant energy stakeholders willing to mobilize investments in clean energy technologies.



 <https://res4africa.org>

 [/company/res4africa](https://www.linkedin.com/company/res4africa)

Sustainable Energy for All

Sustainable Energy for All (SEforALL) is an independent organization, hosted by The United Nations Office for Project Services, with a global mandate to accelerate progress on the energy transition in emerging and developing countries. SEforALL works with leaders in government, the private sector, philanthropies, and civil society to drive faster action toward the achievement of Sustainable Development Goal 7 (SDG7)—access to affordable, reliable, sustainable, and modern energy for all by 2030— in line with the 'Net-Zero' 2050 targets embodied in the Paris Agreement on Climate Change. Their mission is to ensure that sustainable energy drives solutions for climate change and development, with a particular focus on meeting the aspirations of developing countries. The organization maintains close links with the UN through strategic partnerships with UN agencies, and their CEO's appointments as the UN Secretary-General's Special Representative for Sustainable Energy for All and Co-Chair of UN-Energy. SEforALL is headquartered in Austria, with satellite offices in the United States, Nigeria, and Indonesia and nationally located representatives in Barbados, Ghana, India, Kenya, Madagascar, Rwanda, and Sierra Leone.



 <http://seforall.org>

 [/company/seforall](https://www.linkedin.com/company/seforall)



Project Overview

This project aims to deliver a Knowledge Product containing evidence-based findings that may directly inform the design and implementation of the “Accelerating a Clean Cooking Transition in Schools in Tanzania” initiative, demonstrating the real-world impact of their contributions. The project will emphasize the link between energy access for social infrastructure and girls’ and young women’s educational outcomes, alongside significantly enhancing participating youth’s capabilities.

Clean Technology Hub

Clean Technology Hub (CTH) is a pioneering hybrid hub for research, development, demonstration, and incubation of clean energy ideas, technologies, and resources for clean energy organizations and environmental and climate-friendly initiatives across Africa.

The hub was founded in 2016 in Nigeria as an early start-up incubator for inventions and innovations in clean energy, a consultancy for sustainability and energy efficiency and climate-friendly solutions for organizations and businesses, a hybrid research and data firm, and a driver of clean energy investment into Africa. Clean Tech Hub undertakes market research on renewable energy markets and technologies, and research into energy access in Nigeria.



 <https://cleantechnologyhub.com>

 [/company/clean-tech-hub-nigeria-3a9085156](https://www.linkedin.com/company/clean-tech-hub-nigeria-3a9085156)

Project Overview

This project will engage SECT participants in the development of a high-quality and research-informed report that provides a comprehensive overview of the battery waste value chain within Nigeria's solar energy and e-mobility sectors. Moreover, this report will inform the design of more in-depth research initiatives, supporting CTH's efforts in policy advocacy and investor advisory. By highlighting current gaps, risks, and opportunities in the value chain, driving evidence-based recommendations and engaging with public and private sector actors in shaping Nigeria's sustainable energy transition.

Women in Energy Sierra Leone Limited

Women in Energy Sierra Leone Limited (WIESLLTD) is a social enterprise dedicated to expanding access to clean and affordable energy, with a focus on women's empowerment and environmental sustainability. The company designs and produces innovative products such as the Smart Green Stove and Smart Green Briquettes, which reduce fuel consumption, indoor air pollution, and deforestation. These solutions promote healthier living conditions, lower household expenses, and improve livelihoods. The company also provides training, energy policy consultancy, and awareness programs to support a just energy transition. Its mission is to empower women and promote gender equality through sustainable energy solutions working closely with communities, governments, and development partners to create lasting impact.



 <http://www.womeninenergysl.com>

 [/company/women-in-energy-sierra-leone-limited](https://www.linkedin.com/company/women-in-energy-sierra-leone-limited)

Project Overview

This project will generate actionable insights that will support in building a more inclusive, effective, sustainable, and resilient energy sector—one that reflects the diversity and potential of Africa's population. This project's insights will embed findings into Women in Energy Sierra Leone's work by catalyzing systemic change in Africa's clean energy workforce. By uncovering the systemic, social, economic, and institutional barriers that limit women's participation in the clean energy sector, the project will help design gender-responsive policies, recruitment strategies, and leadership development programs.



HuluSolar

HuluSolar is a renewable energy social enterprise providing clean, affordable, and reliable solar energy solutions in Ethiopia. The enterprise distributes solar lanterns, home systems, and develops productive-use of Renewable Energy projects to off-grid communities. They also train local youth and community members, known as Solar Ambassadors, to install and expand access to solar energy. Their goal is to power lives, support local development, and create a brighter, more equitable future for all.



 <https://hulusolarenergy.com>

 [/company/hulusolarenergy](https://www.linkedin.com/company/hulusolarenergy)

Project Overview

This project will develop a scalable data collection toolkit to assess the social, environmental, and economic potential of renewable energy at the community level. Through research led by SECT program youth consultants, the project will generate concrete evidence to guide gender mainstreaming within HuluSolar and its partnerships, supporting the integration of a data-driven gender strategy. This will provide actionable, research-backed recommendations to policymakers, donors, and training institutions to enhance the design, delivery, and impact of clean energy training and career programs for women in Africa.

Student Energy Career Training (SECT) Partner Engagement Summary

The Student Energy Career Training (SECT) is a 30-week 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 organisations in the energy and sustainability sectors.

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

Since 2022, SECT has partnered with more than 20 intergovernmental agencies, project developers and energy system actors.