



THE GIRLS IN ENERGY Project



www.dothedreamydi.org

The **Girls in Energy Project**, led by **DoTheDream Youth Development Initiative**, empowers young girls to pursue careers in the energy sector and helps close the gender gap in STEM fields

This initiative grew from the Girls Are Assets Project, which recognizes every girl's unique potential and nurtures it toward leadership in tech, agriculture, and energy—sectors vital for national growth.

Girls in Energy Project aims to shift the paradigm by driving an exponential increase in female representation and retention in the male-dominated energy field – both renewable, blue, and green economies – as a practical approach to addressing the known energy industry deficiency.

The project operates with two teams: one focused on professional career development (linear), and the other on building skills to drive sector growth and innovation (non-linear). This approach supports career pathways, retains talent in the industry, and fosters a progressive journey from skill-building to delivering scalable, sustainable solutions.



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Key Focus Areas

01 Inspire



Ignite interest in energy careers through role models and real-world experiences.

02 Educate



Deliver technical training in energy systems, renewable energy, and sustainability.

03 Empower



Develop leadership and confidence to overcome barriers in male-dominated fields.

04 Connect



Build networks with professionals, mentors, and peers.

05 Advocate



Advance gender equality and inclusion through awareness and policy efforts.

Mission

Girls in Energy aims to impact 14,980 girls and will result in the development and deployment of a 10MW distributed renewable energy mini-grid hub across six communities.

Girls in Energy participants will actively contribute to designing, implementing, and operating this mini grid, applying their skills and leadership in real-world contexts.

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By integrating advanced renewable technologies with community-driven management, the project will improve energy access in underserved areas.

This community-centered model promotes local ownership and sustainability, supporting global energy and climate goals. It enhances energy resilience, creates economic opportunities, and improves living standards by providing clean, reliable power.

Ultimately, the project demonstrates how empowering girls in energy careers fosters both career growth and inclusive social and environmental progress worldwide.



Objective

- Showcase the successful strategies of Girls in Energy in attracting young women to energy-related STEM fields.
- Identify the challenges that young women face when transitioning into the energy sector, including limited internships, inadequate early career support, and workplace biases.
- Create actionable recommendations to sustain engagement and support women's entry and retention in energy careers.
- Promote collaboration among educational institutions, civil society, energy companies, and policymakers to build a stronger, inclusive talent pipeline.



Conference

Targeted at girls in primary and secondary schools, as well as academies, the Girls in Energy Conference is designed to inspire, educate, and ignite passion for careers in the energy sector among young learners aged 13 to 25. The conference features dynamic keynote speeches from prominent female leaders in energy, engaging panel discussions on topics such as renewable energy, sustainability, and innovation, and interactive workshops that provide practical insights into energy technologies and career pathways.

Participants also benefit from networking opportunities with industry experts, mentors, and role models, fostering meaningful connections that support their career interests and long-term retention in the energy field. The conference aims to spark curiosity, encourage innovative thinking, and provide clear guidance and instruction to help girls envision and

pursue sustainable energy careers confidently. By nurturing a strong energy culture and understanding of industry processes, this event plays a crucial role in building the foundation for a diverse and skilled future energy workforce.



Outcome

The conference significantly raises awareness and enthusiasm for energy careers among young girls, cultivates an inclusive energy culture, and helps develop a clear pathway toward career growth and retention in the sector.

Competition

The Girls in Energy Competition promotes creativity and practical knowledge by inviting women aged 5 - 55 with passion in developing innovative solutions for real-world energy challenges.

Participants, working individually or in teams, design projects addressing critical issues like energy access, renewable energy adoption, and efficiency. Expert panels evaluate projects on creativity, feasibility, and impact.

Winners receive valuable rewards, including scholarships, internships, and funding to implement their ideas. Winning teams are also encouraged to launch local action initiatives, translating innovations into community impact. The competition nurtures a culture of innovation and highlights talented women as change-makers in the energy industry.



Outcome

The program cultivates innovative thinking, empowers diverse talent across age groups, and supports transformative projects that drive sustainable energy solutions and social progress.

Career

This program empowers girls aged 16-25 pursuing careers in the energy sector by connecting them with accomplished female mentors who provide personalized guidance, inspiration, and industry knowledge. Through a combination of mentorship, targeted workshops, and immersive site visits to leading energy companies and research centers, participants develop the skills and confidence needed to excel professionally.

A unique feature of the program is the creation of the Energy Process Network, a collaborative platform that fosters long-term mentor-mentee relationships and helps guide young women toward leadership roles and sustained industry retention. The program emphasizes building personal passion and resilience by following the example of successful female leaders known for their grit, excellence, and trailblazing careers in energy.



Outcome

Participants graduate with enhanced career readiness, a strong professional network, and the inspiration to reach the highest levels of leadership and influence within the energy sector.

Camp

The camp offers hands-on training in renewable energy technologies, leadership workshops, and field trips for girls aged 12–25 who are passionate about STEM and the energy sector. It encourages them to envision pursuing careers and entrepreneurship in energy while integrating technology, AI, and digital tools to promote inclusion and develop effective solutions that create positive community impact.

Outcome

Participants gain practical skills, confidence, and valuable experience to succeed in the energy industry.



Communities - Local Action, Global Progress



This component empowers women and girls to drive local actions that significantly improve access to reliable, affordable, and sustainable electricity at the grassroots level through the development and management of a 10MW distributed renewable energy mini-grid hub. Women and girls take active leadership roles in designing, implementing, and operating the mini-grid, fostering strong local ownership and ensuring its long-term sustainability.

Outcome

This initiative enhances energy access and resilience, creates economic opportunities, and delivers meaningful social impact—advancing inclusive environmental progress globally.

Call To Action

Investment Opportunity: A \$21 Million intervention fund to actualize strategies empowering young women, and development of 10MW Renewable Energy Mini-Grids across 6 communities in the global south.

The **Girls in Energy Project** is requesting a **\$21 million USD intervention fund for 2026-2030** to catalyze the participation and leadership of young women in the Global South's energy sector.

This strategic investment will empower thousands of girls through **technical training, career opportunities, and essential resources** via expanded programs like conferences, innovation competitions, and mentorship. A major component is the development and deployment of **10MW distributed renewable energy mini-grid hub** across six communities, providing critical hands-on experience and improving energy access.

A core element is the **Girls in Energy digital platform**, (www.girlsinenergy.org) a global hub for educational content, mentorship matching, and career resources under development. This comprehensive investment aims to **close the gender gap in energy STEM fields**, promote equality, and build a sustainable pipeline of female leaders to shape the global energy transition.

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Partnership Opportunity

The Girls in Energy Project offers partnership opportunities across all its vital components– Conferences, Competitions, Career Mentorship, Camps, and Community initiatives–each designed to create real-world impact globally.

Join us as a strategic partner to advances environmental education, drives innovation, fuels leadership, creates sustainable jobs for future generations and more.

This is more than a project –it's a movement empowering young women to become architects of a cleaner, greener, and more equitable future, starting now.

Your partnership and generous support can unlock millions in impact - empower thousands of young women with critical STEM skills, inspire renewable energy innovations, and lead their community's sustainability goals.

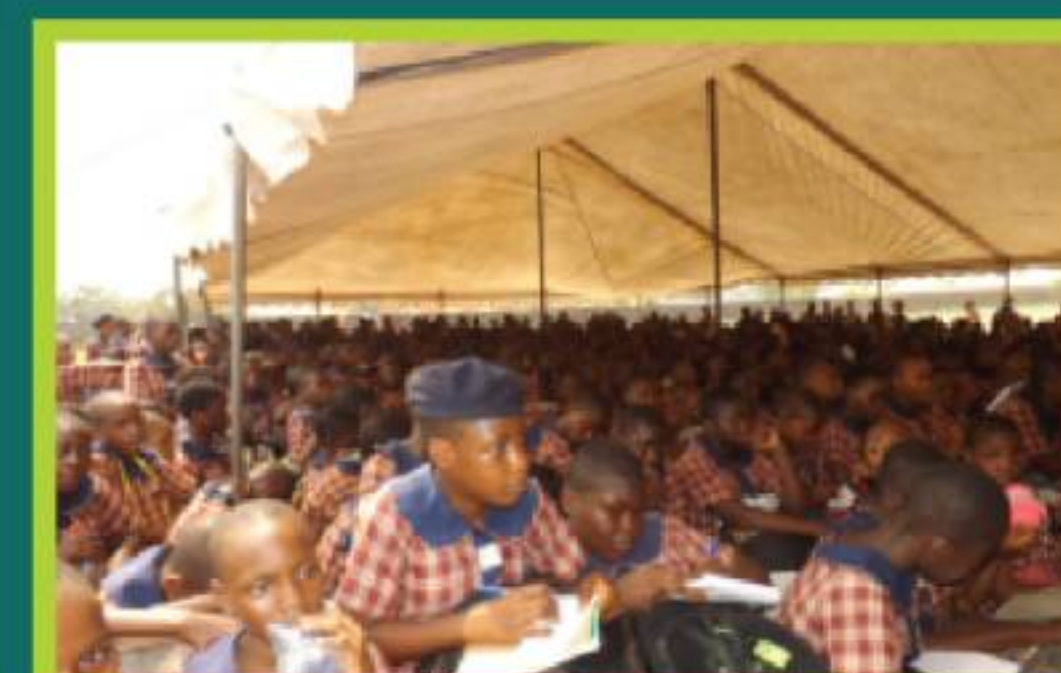
Key Moments



Key Moments



**Girls in Energy Project:
Powering Progress Through
Collaboration**



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