



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.

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.



Strategy:



Conference



Competition



Career



Camp



Communities



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 invites girls and women aged 5 to 55 to showcase their creativity and practical knowledge by developing innovative solutions to real-world energy challenges. This inclusive competition encourages participants at all stages of life—from young children demonstrating early innovation to seasoned women advancing new ideas—to break barriers and push the limits of what's possible in the energy sector. Participants work individually or in teams to design projects that address critical issues such as improving energy access, promoting renewable energy adoption, enhancing energy efficiency, and developing sustainable technologies. All projects are evaluated by expert panels based on creativity, feasibility, impact, and potential for scalability.

Winners receive valuable rewards, including scholarships, internships, and funding to further develop and implement their projects. Beyond individual recognition, winning teams can also launch local action initiatives that translate their ideas into real community impact, fostering local energy solutions and entrepreneurship.

This competition nurtures a culture of innovation, encourages collaboration, and highlights talented girls and women as leaders and 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.



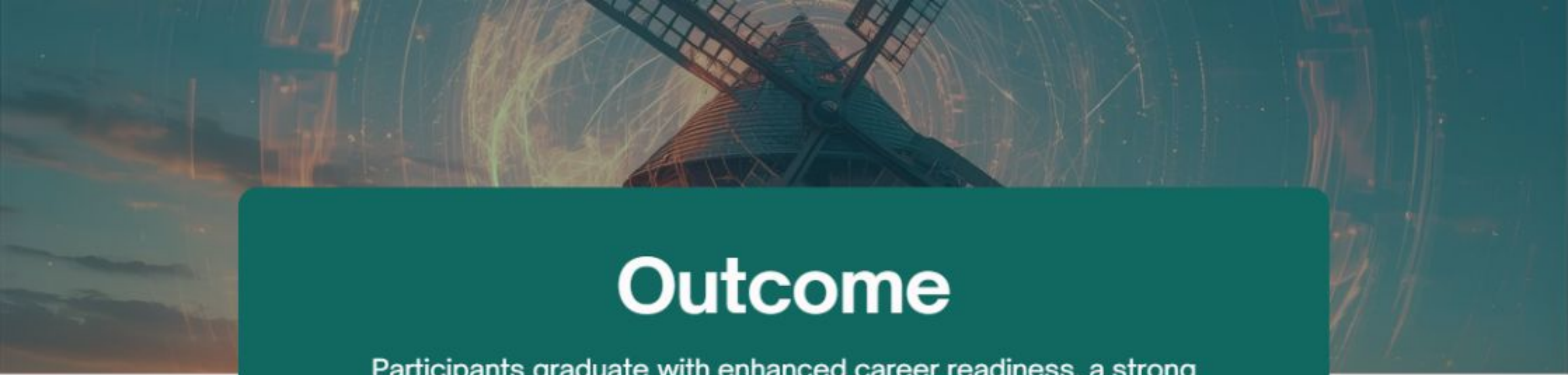


Careers

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 teamwork 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.



A large, powerful waterfall cascades over a rocky ledge into a pool of water below. The water is a deep teal color, and the surrounding landscape is lush and green. The scene is captured from a slightly elevated angle, showing the width of the waterfall.

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: \$21 Million Intervention Fund for the Girls in Energy Project – Empowering Young Women and Developing a 10MW Renewable Energy Mini-Grid in the Global South (2026-2030)

The Girls in Energy Project is seeking a \$21 million USD intervention fund for 2026-2030 to significantly boost the participation and leadership of girls and young women in the energy sector across the Global South. This investment will also support the development and deployment of a 10MW distributed renewable energy mini-grid hub across six communities.

The funding will empower thousands of girls with essential resources, technical training, and career opportunities in renewable energy and sustainable solutions. It will expand project activities, including conferences, innovation competitions, mentorship programs, leadership camps, and hands-on energy projects. The mini-grid deployment will provide practical experience with advanced renewable technologies, fostering leadership and entrepreneurship while improving energy access in underserved areas.

A core element is the Girls in Energy digital platform and portal (www.girlsinenergy.com), designed as a global hub offering educational content, career resources, mentorship matching, and innovation challenges tailored for young women in the Global South. The platform ensures inclusive access to energy education, technical skills training, and policy advocacy, while strengthening partnerships among educational institutions, energy companies, policymakers, and civil society to develop a sustainable pipeline of female talent.

This \$21 million intervention fund and the platform together represent a strategic, comprehensive investment opportunity to close the gender gap in energy STEM fields, promote gender equality, and drive sustainable social and economic progress in the Global South from 2026 to 2030. The project empowers young women as future leaders and innovators shaping the global energy transition.

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Special Moments



Special Moments



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



Conclusion

Invest in the Girls in Energy Project today and be part of a transformative legacy that advances environmental education, drives innovation, fuels leadership, and creates sustainable jobs for generations to come. This is more than a project—it's a movement empowering girls to become the architects of a cleaner, greener, and more equitable future, starting now.

Your generous support can unlock millions in impact by empowering thousands of young girls to master critical STEM skills, innovate renewable energy solutions, and lead their communities toward sustainability. Together, we can break barriers, close gender gaps, and ensure that the next generation of female leaders reshapes the energy landscape for a thriving planet.

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 and ripple change globally.

Join us as a strategic partner and pioneer this inspiring journey. Your investment today lights the path for a sustainable tomorrow.

Thank You

To explore partnership levels and connect with this impactful cause, please contact Rose Thomas at:

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