

# Gender Wave Net Zero

## She Powers a Better Future

**Gender-Wave**  
**NetZero**  
swayed by TGECA

Taiwan Gender  
Network for NetZero  
性別淨零造浪運動



台灣綠能公益發展協會  
Taiwan Green Energy for Charity Association



- 2024~**
  - **Member of the "National Climate Change Response Committee," Office of the President**
  - Member of the "Climate Change Response Promotion Committee," Tainan City Government
  - Adjunct Assistant Professor, Department of Sociology, National Taiwan University
- 2023**
  - **Member of the "Just Transition Committee," National Development Council**
  - Member of the "Climate Change Adaptation Promotion Group," Yilan County Government
- 2020**
  - **"Female Environmental Role Model", Ministry of Environment**
- 2018**
  - **Founder of the Taiwan Green Energy for Charity Association**
- 2017**
  - **Member of the "Energy Transition White Paper" Committee, Bureau of Energy, Ministry of Economic Affairs**
- 2015**
  - **Co-Founder of Taiwan's First Citizen Power Plant Platform**



台灣綠能公益發展協會

Taiwan Green Energy for Charity Association

## About TGECA

Taiwan Green Energy for Charity Association (TGECA) was established in 2018. It is committed to promoting green energy and carbon reduction charity models, and is dedicated to assisting in cooperation planning, value initiatives, education and training, and other business implementations, and Using the Sustainable Development Goals as the guideline to connect diverse resources and actors to "**Leave No One Behind**" in energy transition process.



Website : <https://tgeca.org/>



Founder  
Dr. Phoebe Chen

- 2018 Established the TGECA
- 2021 Launched the GW100+ Initiative
- 2023 Join the TISFD Allies
- 2024 Launched the "Taiwan Gender Network for Net Zero" Initiative
- 2024 Won the "National Sustainable Development Awards" from the National Council for Sustainable Development



# Two Major Initiatives

“Empower Everyone for an Equitable and Sustainable Future”

**GW100+**  
綠能公益

The “**Green Well 100+**” (GW100+) Initiative, launched in 2021, seeks to complete 100 green energy charity projects by 2030—enabling vulnerable groups to benefit from renewable energy and energy-saving solutions.

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To advance a gender-responsive just transition, TGECA launched the Taiwan **Gender Network for Net Zero** in 2024, uniting local and global partners to drive the **Gender Wave Net Zero** Initiative and build an inclusive, gender-equal future.

# Solutions to Green Energy & Just Transition



## 綠能公益

Green energy charity

Combine corporate donation resources to build solar power plants or purchase solar panels, combine it with the government renewable energy policies to generate 20 years of green electricity income for vulnerable groups.

## 綠電公益

Green electricity charity

Leverage corporate sponsorship or subsidies to support social welfare organizations' sheltered workshops in adopting green electricity. Encourage businesses to purchase their products and services, fostering a positive cycle of green production and consumption.

## 減碳公益

Carbon Reduction Charity

Help social welfare organizations replace energy-intensive equipment, and generate carbon credits for sale to businesses seeking carbon neutrality, creating extra revenue.



# Green Energy Charity

Combine corporate donation resources to build solar power plants or purchase solar panels, combine it with the government renewable energy policies to generate 20 years of green electricity income for vulnerable groups.

**GW 100+**  
綠能公益

SDGs

3

4

7

10 13 17



# Carbon Reduction Charity

Help social welfare organizations replace energy-intensive equipment, and generate carbon credits for sale to businesses seeking carbon neutrality, creating extra revenue.

**GW<sup>100+</sup>**  
綠能公益

SDGs

1

3

4

7

10

13

17



育能發展中心  
脊髓損傷  
潛能發展中心

# Green Electricity Charity

Leverage corporate sponsorship or subsidies to support social welfare organizations' sheltered workshops in adopting green electricity. Encourage businesses to purchase their products and services, fostering a positive cycle of green production and consumption.

**GW 100+**  
綠能公益

SDGs

1

3

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7

10

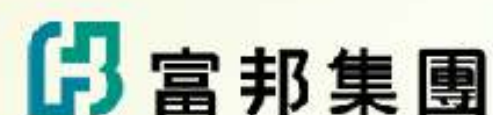
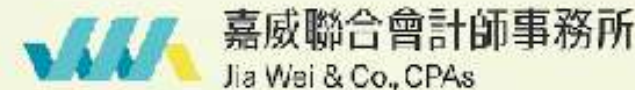
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天河基金會



# GW<sup>100+</sup> 綠能公益



2030年 × 100個 綠能美好行動

50+ Green Charity actions

5700+ Solar Panels

13000+ Vulnerable Benefited

# “Leave No One Behind” in the Net-Zero Transition

Net-Zero Demonstration Sites



Lighting Up Vulnerable  
With Green Energy



Gender Wave NetZero



# We Need a Gender-Responsive Just Transition

## IEA (2021) 「Net Zero by 2050: A Roadmap for the Global Energy Sector」 :

- Achieving global net-zero emissions by 2050 could create **14 million** jobs in renewable energy and **16 million** in industries like high-efficiency appliances, fuel cell vehicles, and energy-efficient building retrofits by 2030.

## LinkedIn 「The Green Gender Gap」 (2023) :

- Men continue to dominate as "green talent" with green skills, while women make up only **33%** of this workforce.
- 16% of men possess at least one green skill or have experience in green jobs, compared to just 10% of women. (In other words, **9 out of 10 women currently lack relevant green skills.**)

**9 in 10 women**  
lack a single green skill.  
And the gap is widening.



LinkedIn

# Training the Female Energy Auditors



View the video



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# Female Energy Auditor Practical Service



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(Energy audit service in Kaneer Autism Foundation)



# Energy Vulnerability Survey in Community College

TGECA invited community college volunteers to carry out “Energy Audit” services in community college classrooms. About **80% of these volunteers were older women**, who also conducted “household energy vulnerability surveys” for their households.



# Climate Girls Empowerment Camp



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# Cool Climate Magicians: Gender-Responsive Climate Adaptation



**130+**  
Corporate/NPO  
Participated



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**13,000+**  
Vulnerable  
Individuals  
Benefited

GreenEnergy  
Charity

Carbon  
Footprint  
Verification

Energy Audit

Climate/Energy  
Education

**13,000+**  
Public  
Donations

**200+**  
Women/Girls  
Empowered

“Empower Everyone for an Equitable and Sustainable Future”

# SDG SHERO Trainees in Action



## Gender-Wave NetZero

永續女子天團

- Sustainability Reporter Intern
- Energy Audit Service Volunteer
- Climate Education Teacher or Teaching Assistant
- Cool Girls Climate Magicians Fighting Extreme Heat
- Overseas Youth Climate Ambassador
- More possibilities...

# SDG SHERO Trainees in Climate Week NYC



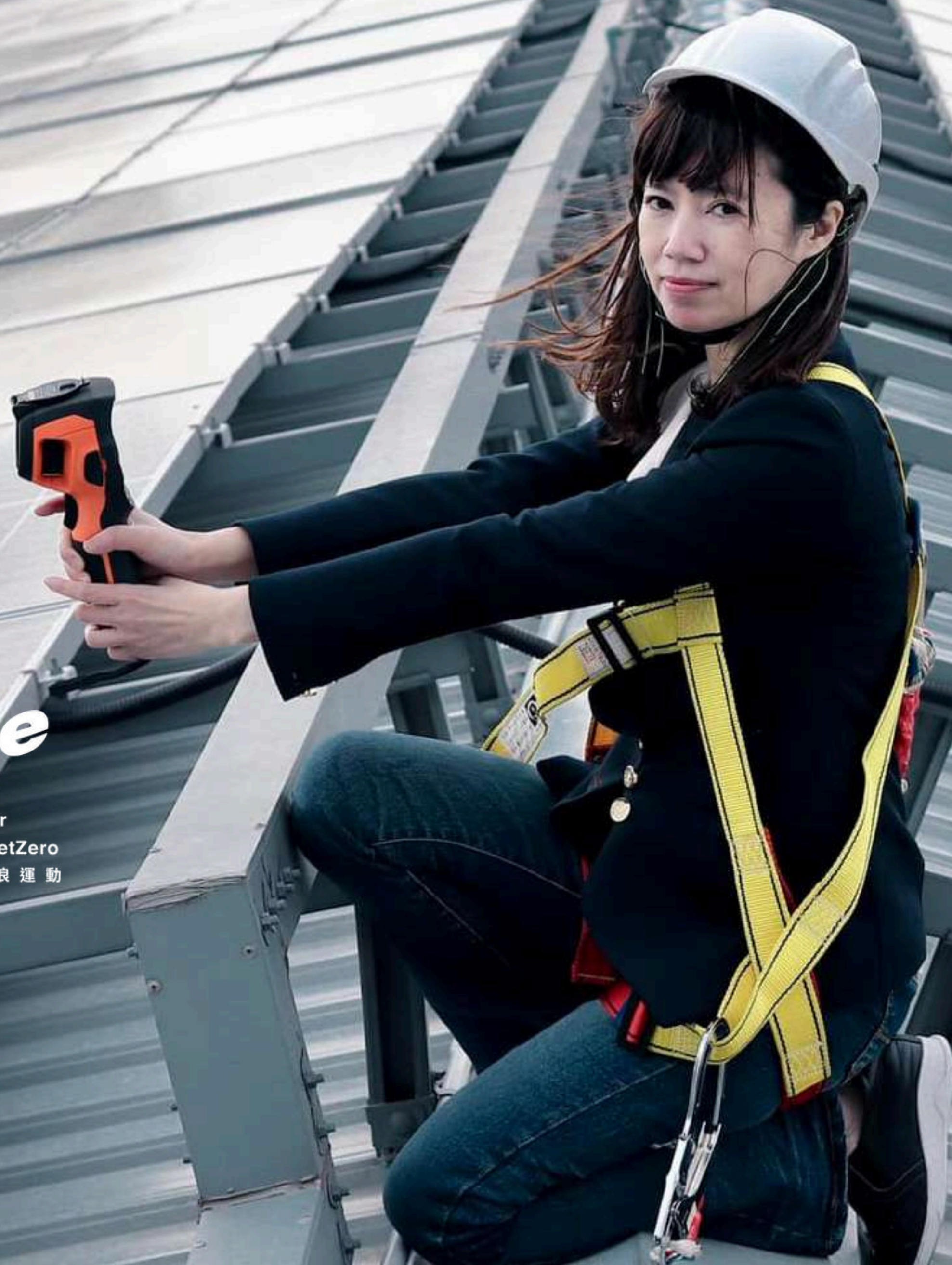
**Gender-Wave**  
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★  
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**SHEROS**  
**Power**  
**a Better**  
**Future**

# How to support women to participate in the green energy

你認為，可幫助妳參與綠色工作的因素為何？

26



Source: Trainees of the Class for Female Energy Auditors(2024)



Source: IRENA online solar PV survey, 2021.

# Recommendations

## Reducing Barriers for Women

- Promote gender equality in STEM education.
- Enhance women's motivation, confidence, and awareness of opportunities.
- Establish mentoring networks and role models for women.

## Breaking Social and Cultural Rules

- Eliminate stereotypes related to gender roles.
- Promote equal sharing of household and caregiving responsibilities.
- Strengthen social support and protection systems.

## Friendly Workplaces

- Provide professional skills training for women.
- Ensure workplace safety.
- Offer flexible work hours, parental leave, or family care leave.
- Ensure equal pay and opportunities for promotion and advancement.
- Set gender-specific quotas (e.g., proportion of women on boards).

## Gender-Responsive Policies

- Mainstream gender perspectives into net-zero policy development, planning, and implementation.
- Enhance transparency by collecting gender-disaggregated data related to net-zero and ensuring evidence-based governance.
- Promote gender equality in budgeting and financing, increasing women's access to resources and funding opportunities.