



EGIF/GLOBAL



ANNUAL REPORT

2023/2024

2023-24 Annual REPORT



EGIF/GLOBAL

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Annual Report 2023-24

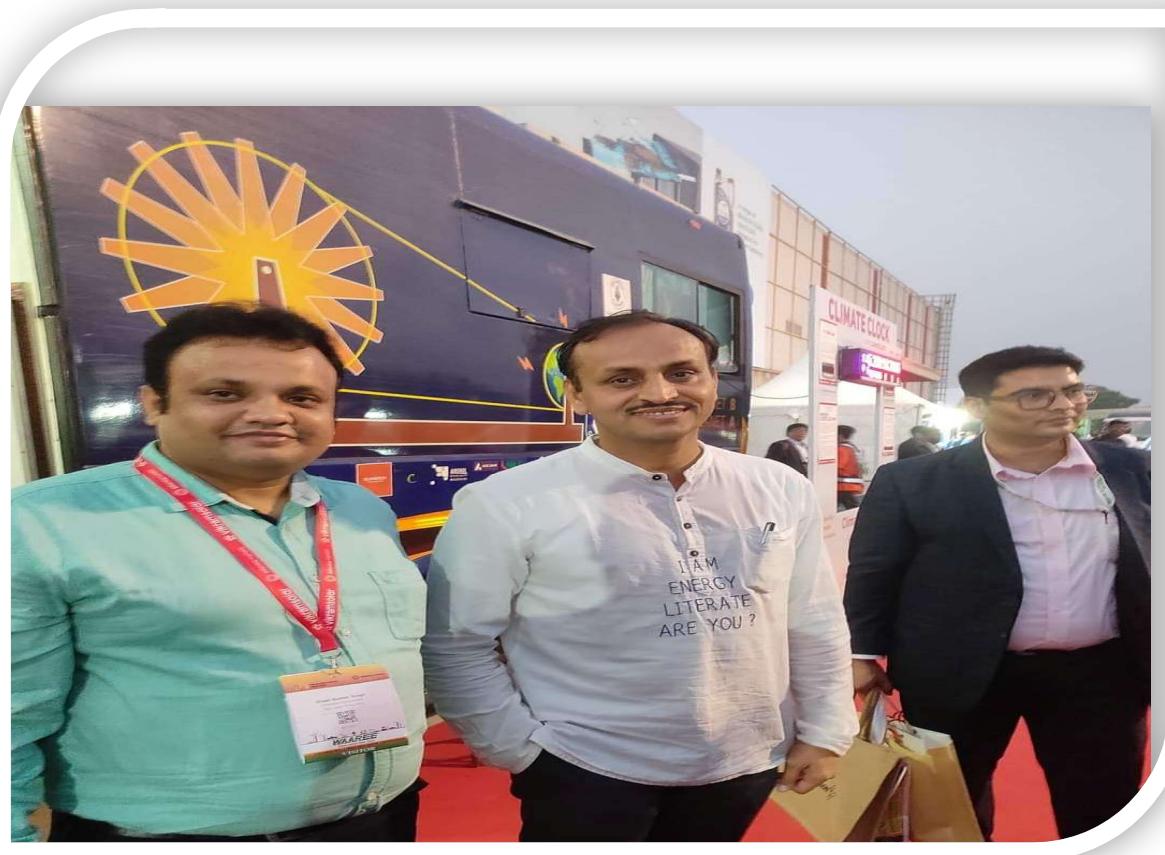
Emeraldgears Initiative Foundation

Brand Name



EGIF/GLOBAL

Empowering society: Science, Sustainability, Scalability



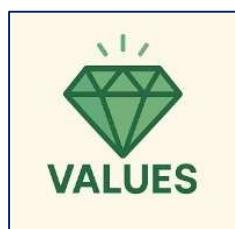
Emeraldgears Initiative Foundation (EGIF) Global, operating under Section-8 of the Companies Act, 2013, signifies the fusion of enduring qualities represented by emeralds and the dynamic nature of gears. Our mission is to lead transformative research that pushes the boundaries of sustainability, encompassing advancements in life sciences and stocks. Through interdisciplinary collaborations and the integration of cutting-edge technologies, including machine learning and artificial intelligence (AI), we strive to provide pioneering solutions to global challenges.



EGIF Global envisions a future where it makes a significant global impact, education acts as a catalyst for change, inclusive innovation benefits all, and measurable progress towards Sustainable Development Goals (SDGs) is realized. We foresee resilient ecosystems, ethical leadership in sustainability, and continuous adaptation to the evolving world. Our dynamic vision includes tangible outcomes, education, inclusivity, ethical leadership, and perpetual adaptation, shaping a sustainable future for generations to come



EGIF Global, our mission is to pioneer transformative research that redefines sustainability boundaries, extending our focus to advancements in life sciences and stocks. Through interdisciplinary collaboration and the integration of emerging technologies, including machine learning and artificial intelligence, we are committed to contributing to SDGs and the global net-zero pledge, turning the dream of sustainability into actionable initiatives.



We believe that true progress stems from the ability to embrace change and pursue continuous growth. By pioneering innovative, sustainable solutions, we aim to make a meaningful impact on both people and the planet. At the heart of our mission is a thriving community, united by a shared commitment to environmental stewardship and collective action for a better future.

EGIF Strategic Initiative

- [**Eco Energy Initiatives**](#)
- [**Environmental Excellence Initiatives**](#)
- [**Life Sciences and Livestock Initiatives**](#)
- [**Digital Intelligence Initiatives**](#)
- [**Capacity Strengthening Initiatives**](#)

Regulatory and Financial

EGIF GLOBAL, a registered entity under Section 8 of the Companies Act, 2013, operates with the crucial support of self-promoters. The organization actively seeks backing from various support, including governments, industry trusts, and both domestic and international foundations. Grants and donations directed towards EGIF GLOBAL hold the significant benefit of eligibility for exemptions under Section 80G of the Income Tax Act, 1961. Highlighted below are the key regulatory and statutory aspects that define EGIF GLOBAL's legal framework:

1. Incorporation under Section 8 of the Companies Act, 2013:

EGIF GLOBAL has been established as a Section 8 company, indicating its commitment to fulfilled objectives and social welfare activities as outlined in the Companies Act, 2013.

2. Registration under Section 12A of the Income Tax Act, 1961:

The organization is also registered under Section 12A of the Income Tax Act, 1961.

3. Approval under Section 80G of the Income Tax Act, 1961:

EGIF GLOBAL has obtained approval under Section 80G of the Income Tax Act, 1961. This approval underscores the organization's commitment to activities that benefit the public and provides donors with the opportunity to avail themselves of tax benefits on their contributions.

4. Registration with NITI Aayog Darpan:

EGIF GLOBAL is officially registered with NITI Aayog Darpan, reflecting its acknowledgment and recognition by the government's premier policy-making institution.

5. Registration with MSME (Micro, Small, and Medium Enterprises):

The organization is registered with the Ministry of Micro, Small, and Medium Enterprises (MSME), signifying its classification within this crucial sector of the economy.

6. Registration with E ANUDHAN, Government of India, Ministry of Social Justice & Empowerment under the Department of Social Justice & Empowerment.

EGIF GLOBAL's compliance with these regulatory and statutory aspects affirms its commitment to transparent and responsible operations, positioning it as a recognized and reputable entity within the charitable and social welfare landscape.

Message from the Founder & Managing Director, EGIF Global



EGIF Global, we believe that the future belongs to those who are bold enough to reimagine it. Founded with the vision of fusing the enduring resilience of emeralds with the dynamic momentum of gears, EGIF Global stands as a symbol of innovation, progress, and purpose. As a Section-8 company under the Companies Act, 2013, we are committed to driving transformative change through research, education, and sustainability.

Our mission is rooted in the belief that meaningful impact arises from the intersection of interdisciplinary collaboration and technological innovation. By harnessing the power of machine learning, artificial intelligence, and scientific inquiry, we are expanding the frontiers of sustainability—redefining possibilities in life sciences, environmental resilience, and inclusive development.

In 2023–24, our work spanned diverse and meaningful initiatives—from empowering underprivileged girls in Bhopal through science awareness programs to engaging in critical policy consultations like the Indian Cooling Action Plan. We led capacity-building sessions in Rampur and actively participated in national campaigns promoting wellness, culture, and sustainability. These efforts represent not only milestones but the heart of our mission—transforming global goals like the SDGs and net-zero targets into tangible outcomes at the community level.

We envision a future where education is the cornerstone of change, innovation is inclusive, and sustainability is a shared responsibility. Our efforts are supported by a strong regulatory framework and the trust of individuals, institutions, and government bodies. With registrations under Section 12A, 80G, NITI Aayog Darpan, MSME, and E-Anudhan, we ensure our operations remain transparent, accountable, and impactful.

To our dedicated team, advisors, partners, and supporters—I extend my deepest gratitude. Your belief in our mission powers every step we take.

Let us continue walking this path together—shaping a future that is resilient, ethical, inclusive, and sustainable for generations to come.

Dr. Vivek Kumar Singh

Managing director

Objectives & Activities executed in 2023-24

- **Fostering Talent and Inspiring Futures:** EGIF GLOBAL’s “Capacity Strengthening initiatives” at Saidpur Village Ghazipur, UP 26-Oct -2023
- **Empowering Futures:** Sustainability Awareness Workshop by EGIF Global Eco Energy and Environmental Excellence Initiatives at Varanasi.18-Oct-2023
- **Empowering Young Minds:** EGIF Global and Anuradha Welfare Society Conduct **Sustainability Workshop for Underprivileged Girls** in Bhopal, MP
- EGIF Global Team Participates in Indian Cooling Action Plan (ICAP) Programme in Delhi
- Promoting Renewable Energy and Sustainability: Championing Sustainable Practices for a Better World
- **(SLOWe)** Sustainable Livelihoods & Opportunities for Women’s Empowerment
- **(WASH-WM)** Water, sanitation and hygiene and waste management
- **(EAR)** Education and Resources, help people learn and develop in a learning environment
- **Smart Solutions:** Energy Efficiency, Water Conservation, Tree Care, and Plastic-Free Living

- **Fostering Talent and Inspiring Futures: EGIF GLOBAL's "Capacity Strengthening initiatives" at Ghazipur, UP**

As part of our ongoing mission to promote education and empower rural youth, EGIF GLOBAL organized a vibrant and impactful week-long initiative under the "Capacity Strengthening initiatives" program at *Government School, Saidpur village, Saidpur*. The event aimed to nurture the talents of students through a series of educational and cultural competitions, designed to boost their confidence and creativity.

Celebrating Talent and Creativity

A diverse range of competitions were held throughout the week, including:

- Drawing and Essay Writing
- General Knowledge (GK) Test
- Rangoli and Crafting
- Singing and Dance Performances

These activities offered students a platform to express themselves, discover their hidden abilities, and engage in healthy competition with their peers.

Encouragement from Community Leaders

The highlight of the event was the prize distribution ceremony, graced by Mrs. Abhilasha Pandey, noted social activist and member of the AWS Team, who served as the Chief Guest. She, along with other guests, distributed prizes and certificates to the winners and motivated all students to pursue their education with dedication, especially encouraging them to aim for higher education.

Volunteer Excellence

The entire week was seamlessly coordinated by our dedicated EGIF Global volunteers, who managed the activities with remarkable efficiency and enthusiasm. Their commitment ensured the success of the program and left a lasting impression on the school community.



- **Empowering Futures: Sustainability Awareness Workshop by Eco Energy and Environmental Excellence Initiatives at Varanasi**



Workshop Summary:

In an inspiring initiative to ignite scientific curiosity and promote environmental responsibility among youth, **EGIF Global** organized a **Science Education and Sustainability Awareness Workshop** at a Varanasi local learning center. The session engaged **over 60 learners**, from underrepresented backgrounds, creating a nurturing environment for learning and exploration. The interactive workshop aimed to:

- Promote basic scientific literacy through engaging discussions and activities.
- Raise awareness about sustainable living practices, climate change, and resource conservation.
- Encourage critical thinking and problem-solving through fun science-based tasks.
- Build confidence and communication skills through group-based learning.

Facilitated by experienced volunteers, the session included real-life examples of sustainability challenges and the role that learners can play in shaping a greener future. Concepts like **waste segregation, water conservation, renewable energy, and climate action** were introduced in a simplified, student-friendly manner.

Highlights of the Workshop:

- Interactive storytelling to explain complex scientific ideas.
- Hands-on group activities demonstrating sustainable practices.
- Open Q&A to resolve myths and encourage curiosity.
- Personal notebooks and learning materials were distributed for continued learning.

Community Impact:

This workshop was a small but significant step towards creating a **science-aware and environmentally conscious generation**. EGIF Global remains committed to **bridging the gap in science education** and promoting sustainability at the grassroots level

• Empowering Young Minds: EGIF Global and Anuradha Welfare Society Conduct Sustainability Workshop for Underprivileged Girls in Bhopal



In a significant step towards inclusive education and sustainability awareness, EGIF Global, in partnership with Anuradha Welfare Society, Bhopal, successfully conducted a one-day interactive Sustainability Awareness Workshop. The event brought together over 60 enthusiastic girls from marginalized communities, aiming to foster curiosity in science and empower them with sustainable practices relevant to their daily lives.

Held in an informal classroom setting, the workshop was structured around engaging storytelling, hands-on science activities, group discussions, and demonstrations related to water conservation, waste

segregation, and renewable energy. Volunteers and educators from EGIF Global used creative methods to explain complex scientific concepts, making them accessible and enjoyable for young learners.

One of the highlights was an interactive session where the children shared their thoughts on climate change and how they could contribute to a cleaner, greener world. Many pledged to adopt sustainable habits like reducing plastic use and promoting tree plantation.

The partnership marks a promising beginning in promoting STEM education and environmental consciousness among young girls in underserved communities. EGIF Global remains committed to scaling such initiatives in collaboration with grassroots organizations to ensure education for sustainability reaches the last mile.

Quote from the Organizers:

"The workshop isn't just about science—it's about nurturing critical thinking, empathy for nature, and confidence to become agents of change." – EGIF Global Team

- **EGIF Global Team Participates in ICAP Programme in Delhi**

The EGIF Global Team recently took part in the Indian Cooling Action Plan (ICAP) programme held in Delhi, a key initiative by the Ministry of Environment, Forest and Climate Change (MoEFCC) aimed at sustainable cooling strategies and climate resilience. This high-level consultation brought together experts, policymakers, and organizations dedicated to addressing the energy demands and environmental impacts of the cooling sector in India.

Representing civil society and the innovation ecosystem, EGIF Global contributed actively to thematic discussions focused on sustainable cooling technologies, green building integration, and inclusive policy frameworks. The team engaged in collaborative brainstorming sessions, shared ideas on low-GWP refrigerants, energy efficiency, and thermal comfort for all.

The interactive roundtable format fostered dialogue on implementation challenges and scalable solutions. EGIF Global emphasized the importance of awareness, skill development, and cross-sector partnerships in supporting ICAP goals.

Their participation showcased EGIF Global's commitment to environmental sustainability, climate action, and knowledge-based policy engagement. By aligning with national climate objectives, the team reaffirmed its role in promoting responsible innovation for a cooler, healthier, and climate-resilient India.



- **EGIF Global Team Participates in Launch of India Agrivoltaics Alliance (IAA)**

The EGIF Global Team recently participated in the launch of the India Agrivoltaics Alliance (IAA) in Delhi — a multi-stakeholder platform committed to advancing the dual use of land for solar energy generation and agricultural productivity. The initiative aims to promote sustainable land management, enhance rural livelihoods, and accelerate India's clean energy transition.

The event brought together research institutions, policymakers, industry experts, and development organizations to deliberate on strategies for scaling agrivoltaics solutions that balance energy security with food production. Representing the civil society and innovation ecosystem, EGIF Global contributed to thematic discussions on integrating renewable energy with farming systems, climate-resilient agriculture, and community-led solar models. The team emphasized the importance of knowledge sharing, technology access, and farmer-centric innovation in driving inclusive growth.

Through active participation in the dialogue sessions, EGIF Global underscored the need for capacity building, policy alignment, and cross-sector collaboration to unlock the full potential of agrivoltaics in India. Their engagement at the IAA launch reaffirmed EGIF Global's commitment to sustainable

development, climate-smart innovation, and circular economy principles—strengthening its role as a catalyst for resilient, low-carbon rural transformation.



**EGIF Strategic
Capacity Strengthening
initiatives**

Smart Solutions: Energy Efficiency, Water Conservation, Tree Care, and Plastic-Free Living



EGIF Strategic
Capacity Strengthening
initiatives

(EAR)

Education and Resources

**Help people learn and develop in a
learning environment**



EGIF Strategic
Capacity Strengthening
initiatives

(WASH-WM)

**Water,
sanitation
and hygiene
and waste
management**



EGIF Strategic
Capacity Strengthening
initiatives

(SLOWe)

**Sustainable
Livelihoods &
Opportunities
for Women's
Empowerment**





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