



SEED

(SOCIETY FOR SOCIO ECONOMIC AND ECOLOGICAL DEVELOPMENT)

Building resilient communities where people
and nature thrive together.

Since
1996



ABOUT US

A globally recognized non-profit organization dedicated to building climate resilience and advancing socio-economic equity among underserved communities.



➤ Registrations & Compliance

- West Bengal Society Registration Act, 1961
- 12A
- 80G
- FCRA
- CSR-1

➤ International Memberships

- Climate Action Network South Asia (**CANSA**)
- Climate Technology Centre and Network (**CTCN**) under UNEP
- Wetland Link International (**WLI**) Global & WLI Asia Oceania
- Global Mangrove Alliance (**GMA**)
- **UNCCD** (United Nations Convention to Combat Desertifications)

VISION

A just, inclusive and gender-equitable society where communities thrive with socio-economic equality, participatory development and environmental sustainability, ensuring a dignified quality of life for all.



MISSION

To build climate-resilient, inclusive and self-reliant communities by fostering socio-economic empowerment, environmental conservation and social equity through participatory and rights based approaches.





VALUES



EQUITY

Ensuring fair opportunities and resources for all, especially underserved communities.



RESILIENCE

Empowering communities to build sustainable and adaptive solutions.



COLLABORATION

Strengthen multi-sector partnerships for long-term social and economic impact.



THEMATIC AREAS



**MANGROVE &
AGROFORESTRY**



SOLAR ENERGY



**CLIMATE-
RESILIENT WASH**



**CLIMATE SMART
LIVELIHOODS &
AGRICULTURE**



**PROTECTION &
EDUCATION- CLIMATE
CHILDREN**



**DISASTER RISK
REDUCTION**



SEED'S FOOTPRINT



State	District	Project
West Bengal	Darjeeling, Purulia, Kolkata & South 24 Parganas	One Health, Mangrove Restoration, WASH, Solar Lightening, ECCCs, NFEs, Water resilience
Jharkhand	Palamu, Latehar, Kodarma Dhanbad, Chandarpura & Bokara	MHM, Life Skills , Solar Lightening & Sustainable Livelihoods
Bihar	Patna & Bhagalpur	Life Skills & Climate Resilience
Orissa	Balasore, Cuttack & Kalahandi	Life Skills & Climate Resilience
Telangana	Mahbubnagar & Nalgonda	MHM & Climate Resilience
Karnataka	Chitradurga & Raichur	MHM & Climate Resilience



STRATEGIES



CLIMATE RESPONSIVE SOLUTION

SEED's response works across three interconnected pillars: restoring mangrove, enabling farmers to adopt **climate-smart practices** and building diversified skill-based green livelihoods that reduce dependence on climate-exposed wage labour.



CLIMATE CHANGE AWARENESS

SEED promotes climate awareness through the **CEPA approach—Communication, Education, Participation and Awareness**; enabling communities to understand risks and take informed, collective action toward climate resilience.



WOMEN AS CLIMATE AGENT

Women in the Sundarbans are not just affected by climate change—they are **key drivers of resilience**. SEED places women at the centre of its approach by strengthening their roles in water management, livelihoods etc and enabling them to lead climate adaptation and build stronger, more resilient communities.



COLLABORATIVE PARTNERSHIPS

Advancing collaborative partnerships, strengthening multi-sector alliances with industry experts, **CSR partners**, and **government agencies** to align resources and expertise for scalable and sustainable solutions.



CURRENT PROJECTS



SBIF MUSKAAN ECCCS

An integrated initiative supported by **SBI Foundation** to provide early childhood care including education, nutrition, health, and psychosocial support to 100 children aged 2 to 6 from climate-affected families in Sagar and Ghoramara Islands, Sundarbans.



APF- INTEGRATED WATER & LIVELIHOODS SOLUTIONS

Supported by the **Azim Premji Foundation**, an Integrated Water and Livelihoods programme in Ghoramara Island, focusing on building climate-resilient water infrastructure through 6 raised tubewells and 24 pond rejuvenations, while strengthening community-led water governance systems. The project also supports 50 landless families with climate-resilient livelihoods such as poultry and handloom weaving.



SBIF CONSERW-VIBHA

A renewable energy initiative supported by **SBI Foundation- CONSERW** in Ghoramara Island, Sundarbans, aims to provide clean, reliable solar access to off-grid, climate-vulnerable communities. The project will electrify 380 households, install 170 solar streetlights and build local capacity by training 175 women and youth in solar maintenance and community-led energy management.



LIGHTING PATHWAYS- SIGNIFY

A renewable solar lighting initiative in the Palamu Tiger Reserve landscape, Jharkhand, covering 66 forest-fringe villages. Supported by **Signify Innovations India Ltd.**, the project mitigates human-wildlife conflict, particularly elephant encounters, through the installation of 100 solar streetlights and 2,000 LED lights, improving safety and reducing dependence on conventional lighting.



CURRENT PROJECTS CONTD....



HANDLOOM & HANDICRAFTS

Supported by **T&I Global Limited**, strengthening the economic resilience of 100 landless women in the climate-vulnerable Ghoramara Island through skill development in handloom weaving and handicrafts. The training is being delivered by the **Weavers' Service Centre, Ministry of Textiles, Government of India**.



ORCHARD DEVELOPMENT

Supported by **BPCL CSR**, this climate-resilient horticulture initiative (a flagship programme) established 14,000 fruit-bearing trees across 50 hectares in Sunderban, benefiting 100 climate-affected families, including 70 women-headed households. Each family took stewardship of approximately 140 fruit trees, promoting household nutrition, long-term income generation, ecological restoration and enhanced resilience against climate change.



HOME SOLAR ELECTRIFICATION

Supported by **Tata Steel Downstream Products Limited (TSDPL)** under its CSR initiative, the project is installing 100 Solar Home Systems to vulnerable off-grid households in Ghoramara Island, ensuring access to clean and reliable electricity. The intervention is expected to reduced dependence on kerosene, improved children's education , enhanced household safety and strengthened livelihood opportunities .



MANGROVE PLANTATION

Supported by **Tiger Widows Ireland**, this community-led mangrove restoration initiative in Jharkhali Island, Sundarbans, engages 150 women in the restoration of 1.5 hectares of degraded land through 28,000 mangrove saplings. The project combines ecosystem restoration with bio-rights-based livelihood support through backyard poultry training and support to 250 HHs.



SEED'S IMPACT

**1.5 Million+
Mangroves
Planted**

**Restoring fragile
ecosystems and
protecting 30,000+
islanders**

**550+ Climate-
Resilient Water
Infrastructure**

**Improving water
access for 18,000
households**

**2,6000+
Solar Lighting
Installed**

**Benefiting 3.5 lakhs
off-grid households**

**29,000
Trained in
Diversified
Livelihoods**

**Impacting 3.66 lakh
farming & non-
farming households**

**36,000
Tribal Women**

**Made Literate
Strengthening gender
empowerment and
inclusion**

**1,425
SHGs
(Self Help
Groups)**

**Empowering 18,000+
women through
financial literacy and
leadership**

**4 Early
Childhood &
Education
Centres**

**Supporting 658
climate-affected
children**

**Health
Outreach to
1.6 Lakh**

**Through community
health camps and
awareness
programmes**

**500 Sanitary
Pad Vending
Machines &
Incinerators**

**Reaching 40,000
women & girls on
menstrual health
awareness**



AWARDS & RECOGNITION



Eastern India NGO Leadership Award 2023

Honored by EIILM-Kolkata for outstanding contributions to grassroots climate action and community resilience.



Climate Curve Prize 2026

The top 20 finalists from over 800 global applicants for the Kneeling Climate Curve Prize for "Lighting Lives", solar electrification initiative, supported by Signify Innovations India Ltd.



The Statesman

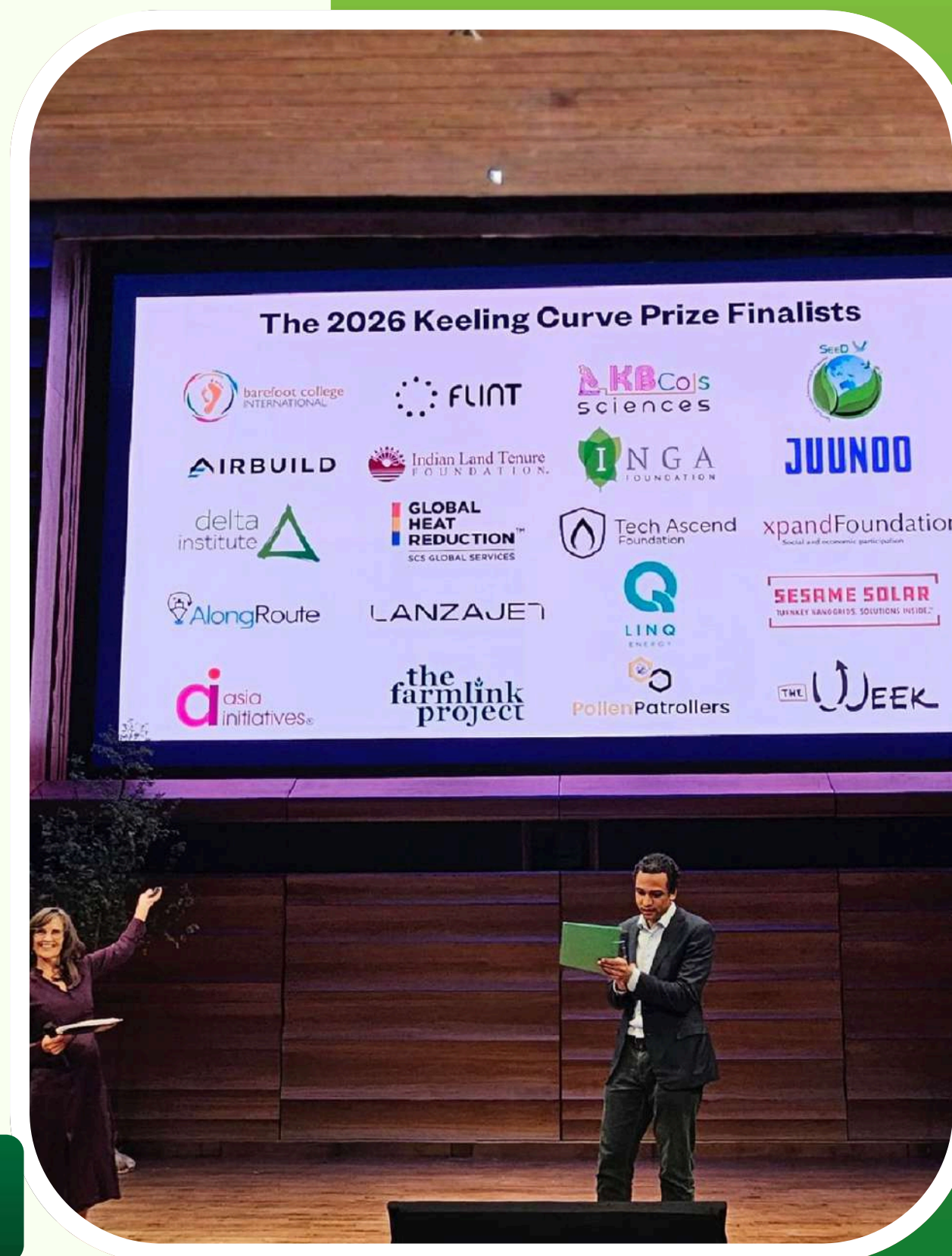
Featured SEED's pioneering initiative in the East Kolkata Wetlands, forming an all-women group for wetland conservation and livelihood development with support from NABARD.



The Better India

Featured SEED's work in the Indian Sundarbans addressing saltwater intrusion through integrated freshwater conservation solutions, improving health and menstrual hygiene outcomes.

Read more: <https://www.seedin.org/awards.php>





PROUD PARTNERS



The World Bank



Australian High Commission



Rotary International



Signify Innovations India Ltd.



State Bank of India Foundation



Azim Premji Foundation



NABARD



Deptt. of Environment (WB)



IIT Kharagpur



Bharat Petroleum Corporation Ltd.



Damodar Valley Corporation (GOI)



Dollar Industries Ltd.



Mahindra & Mahindra



NB Institute For Rural Technology



Cambridge University, UK



Tiger Widows Ireland



Continental Foundation



Taj Bengal Kolkata



Red FM



JCAPCPL Tata Group



PARTNER'S TESTIMONIALS

"Our partnership with SEED over the past three years has been instrumental in successfully executing five impactful projects in the Sundarbans. Their efficiency, commitment, and community-driven approach have enhanced livelihoods, improved safety, and expanded education opportunities through sustainable lighting solutions. SEED's work aligns seamlessly with our commitment to social and environmental responsibility."

- Mr. Rakesh Kumar Singh
Lead- CSR, Signify Innovations India Ltd.

"SEED's implementation of the World Bank-funded ICZM project in West Bengal has played a transformative role in enhancing livelihoods for the coastal population. Their integrated approach to sustainable agriculture, aquaculture, and community-driven initiatives has empowered vulnerable communities, ensuring long-term resilience against climate challenges. SEED's commitment to impact-driven execution makes them a valuable partner in coastal development."

— Shri Arijit Banerjee, IFS
Principal Chief Conservator of Forests & Head of Forest, Govt. of Rajasthan
(Formerly Project Director, World Bank-aided Integrated Coastal Zone Management Project, West Bengal)



THANK YOU!



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