



**COP29**  
Baku  
Azerbaijan

**UNFCCC COP29 SIDE EVENT Blue Zone**  
**20/11 2024 11:30-13:00, SE Room 2**



**Local Climate Solutions towards 100% Renewables - Gender Matters**

# MICRO LEVEL WOMEN LED SOLUTION



*Ms. Kalyani Raj, All India Women Conference*

**All India Women's Conference**





01

## Mangrove Preservation and Organic Farming

Implemented under: Gender into Urban Climate Change  
Supported by: WGC, German Federal Ministry

## Project 1: Mangrove Preservation & Organic Farming

**Location:** Achintya Nagar (Hatisur), South 24 Parganas (Sunderbans), West Bengal

Rationale and objectives:

- The Sundarbans ecosystem is a unique nature of South Asia and the globe. The delta is spread over India and Bangladesh with an area of approximately 10,000 square kilometres and is enjoying the status of being the largest halophytic mangrove forest in the world.
- **Cyclones, Human life conflict, Salinity, and Exploitation of resources** occurring due to climate change are causing livelihood challenges for the village residents leading to migration by men.
  - To involve the village women folk in the plantation programme for enhancing their livelihood and quality of life.
  - To create a community participation model and develop a sense of ownership in the community for the mangrove, the lifeline of Sundarban.

## Methodology:



Beneficiaries meet in Achintyanagar

- Mass awareness generation on the importance of mangrove preservation.
- Economical and sustainable use of available land for livelihood and family sustenance.
- Training on making mangrove saplings &

# PLANTATION OF MANGROVE TREES



Plantation site



# Organic farming and Vermi –compost





And most importantly you have to see all these work through a sensitive gender perspective!

Because women are the most vulnerable to any disaster / crisis etc.

Image source: Boikunthapur Tarun Sangha (BTS) / Kultali / Sunderbans

## Outcome:

- Promoted Women's leadership and entrepreneurship in mangrove conservation.
- Provided alternative livelihoods and skills training for women.
- Raised awareness of gender issues among stakeholders.
- Capacity building of women to manage household and livelihood independently because most of the men have migrated.
- AIWC, East Calcutta Constituency branch, West Bengal — headed by Shikha Mitra received Award from WGC under special category in November 2021 in the COP 26 at Glasgow.



02

## Waste Management & Recycling from waste material



## Project 2: Waste Management & Recycling from waste material



## Project 2: Waste Management & Recycling from waste material

**Location:** Budh Vihar resettlement colony, Rithala , Delhi

Rationale and objectives:

- A survey conducted in Budh Vihar, a colony located in Delhi, reflected that the colony has improper waste & drainage system, water logging, health issues and each household on average generates around 1 Kg to 2Kg of Kitchen waste every day.
- Empty ground within the colony was turning into a mosquito breeding place due to a waste dump.
- Emission and health hazards were on increase due to the dumping grounds.

# Methodology:

## Waste Management

- Capacity building of colony women and awareness generation.
- Targeted 15 households for wet waste management.
- Earthen clay pot, coco-peat & enzymes distributed
- Colony women were trained in segregation of kitchen waste and make manure with Khamba.
- Packaging and marketing skills were imparted.

## Recycling from waste material

- Trained 21 women in shifts
- Mask stitching, leftover cloth bags
- Bags made from Tetra Bags, Chips bags

## Outcome:

- Reduction in waste generated from household
- Extra source of income.
- Increase in self-confidence.

## Scalability/replicability

- The project is cost-effective and replicated in other households.
- It is a sustainable waste management and income generation project .

# Selling Plants and organic manure





04

## Training in Diversified Products for Economic Empowerment of the Women

---

## Project 4: Training in Diversified Products for Economic Empowerment of the Women

**Location:** Raria village under 12 no Brua Gram Panchayat Raiganj- West Bengal

### **Rationale and objectives:**

- Untimely rains and shifting weather patterns were challenging regular income for women agriculture labourers in the village.
- Number of days of work in the field had reduced.
- This was resulting in a reduction in family income and friction at home.
  - To provide an alternate skill to women agriculture labourers.
  - To provide the right opportunities to learn and earn to have a sustainable livelihood.

## Methodology:

- Training and raw materials provided to 25 women who have a keen interest in learning new skill for income generation making products from bamboo and Jute.
- Marketing techniques were also provided to sell locally.

## Outcome:

- Alternative livelihood solutions for trained women and exploring the opportunity to exhibit and showcase their products.





Making jute & bamboo items by beneficiaries



03

Safe Veggies – Capacity Building Training- Pilot project

---

## Project 3: Safe Veggies – Capacity Building Training- Pilot project

**Location:** (1) Kozhikode, Kerala

Objectives :

- Capacity building of the beneficiaries to grow organic vegetables in a scientific manner under close supervision and expert guidance.
- Sensitise families about global warming, its causes, the active part that plants play in in reducing carbon and increasing oxygen levels, reducing carbon footprint; curtailing food mile, etc.
- Making safe vegetables in every home, thereby encouraging health and food security.

## Methodology:

- Awareness generation on the importance of organic farming.
- Provided training to women who have a keen interest in green initiatives and are ready to spread the knowledge gained.
- Distributed complete kit (grow bags-scientifically prepared with all ingredients like solarised soil, lime powder, immunity builders, and base manure).
- Provided easy-to-grow saplings of vegetables (Tomato, Chilli, Brinjal, Broad beans, Ladies finger, Pudina, Dhania).
- Provided kit containing essential tools required; bio-pesticides as

# Outcome

- Beneficiaries were thrilled to see their plants flower and produce vegetables in a short time and attributed it to the ingredients used and the scientific way Grow bags were prepared.
- In a short time, **beneficiaries became familiar with the procedures to be followed**, including when and **how to use bio-pesticides, manure** etc.
- Rotational use of bio-pesticides helped in controlling the incidences of major pest problems, which were rampantly reported in the initial period.
- Despite the challenges posed by continuous rains during monsoon, the beneficiaries were quite happy with the general health of plants and the quantity of produce which was evident from photos posted by beneficiaries and also seen during visits were quite satisfying.
- Positive response and enthusiasm showed by the participants in continuing with the procedures they learnt, investing own funds and even for supplementing income.
- Project replicated in several other states by AIWC branches.

# Project 3

Kozhikode ,Kerala



Photographs from different beneficiaries



## Energy Conservation and Energy Efficient Technology

The Renewable Energy and Energy Efficient Technologies Programme is being organized by the branches of the All India Women's Conference in collaboration with Energy Efficiency Services Limited. The objectives of the programme are as follows:

- Types of energy- renewable and non-renewable
- Energy conservation and efficiency
- Electric vehicles and what can be done to make more efficient use of energy

# Cont..

## **Key takeaways from the seminars:**

1. Enhanced understanding of the importance of energy conservation and sustainable practices
2. Increased awareness of the impact of carbon footprint reduction on the environment.
3. Empowerment of participants, particularly the youth, in advocating for energy-efficient solutions in their respective spheres of influence.

The seminars witnessed a remarkable turnout of participants, including students, faculty members, industry professionals,





# ALL INDIA WOMEN'S CONFERENCE ENERGY CONSERVATION AND ENERGY EFFICIENT TECHNOLOGIES



Barisha Constituent Branch, West Bengal



Ujjawal Women's Association, New Delhi



Suvarna, AIWC Kozhikode, Kerala

**Awareness Programmes on**  
**Energy Conservation :**  
 Reducing energy consumption by adjusting behaviors and habits.  
**Energy Efficiency :**  
 Adopting technology to use less energy to perform the same function



AIWC Trivandrum



Gurgoan Gramin Mahila Mandal, Haryana



Stree Shakti Mahila Samajam,  
Nedumangad, Kerala



AIWC Chirayankeezhu, Kerala

**AIWC, in collaboration with Energy Efficiency Services Limited (EESL) and Energy Management Centre (EMC) - Kerala State, have been conducting regular programmes to promote energy conservation and energy efficiency.**

**ALL INDIA WOMEN'S CONFERENCE**

Sarojini House, 6 Bhagwan Dass Road, New Delhi 110 001

Website: [www.aiwc.org.in](http://www.aiwc.org.in)

E-mail: [info@aiwc.org.in](mailto:info@aiwc.org.in)/[president@aiwc.org.in](mailto:president@aiwc.org.in)



Barisha Constituent Branch- West Bengal



**Gurgoan Gramin Mahila Mandal**



**Ujjawal Women's Association**

# AIWC – Community Based Awareness Programme on Environment and Climate Change



**Water Conservation & E-Waste Management  
AIWC Calcutta South Branch**



**Water Conservation  
AIWC Akshaya Women's Organization**



**Awareness on Vegetable Garden  
Jyothigarmaya Branch- Kerala**



**Plastic Waste Management  
AIWC Trivandrum, Kerala Branch**



**Environmental Awareness Programme**



**Gender Inclusion Programme Pondicherry Branch**



# Thank You

## All India Women's Conference

6 Bhagwan Das Road  
New Delhi-110001

[www.aiwc.org.in](http://www.aiwc.org.in)



**COP29**  
Baku  
Azerbaijan

**UNFCCC COP29 SIDE EVENT Blue Zone**  
**20/11 2024 11:30-13:00, SE Room 2**



**Local Climate Solutions towards 100% Renewables - Gender Matters**  
More: [www.inforse.org/cop29.php](http://www.inforse.org/cop29.php)