Experiences from INSEDA in India - Challenges and Successes
By Sanjiv Nathan, INSEDA India
About INSEDA

- INSEDA is an **NGO Registered in 1995**, working in India and South Asia
- INSEDA has an **observer status at UNFCCC** since 2015.
- **Dr. Raymond Myles**, President-cum-Chief Executive, INSEDA is one of the **Founder members of INFORSE**
- Hosting the **Regional Secretariat of the INFORSE-SA** since 1995
- Dr Myles is the innovator of **low carbon, bamboo-based affordable green technologies** developed by INSEDA.
- Designed developed **three kinds of biogas plants** namely, Deenbandhu, Grameen Bandhu and High-rate Bi-phasic
- **Innovated** Climate-Friendly, **Eco Village Development (EVD)** model as effective **Mitigation & Adaptation** solution
- **Transferred technologies** to different countries - Cameroon and Uganda
- Implementing **carbon credit projects** in India under **Gold Standard**
The Database Content

- Local solutions for use in eco-village development
- Publications related to eco-village development
- Media library with images & external videos
- Organisations working on eco-village development

Link to the database: https://www.inforse.org/evd/
The Database Solutions in India Implemented by INSEDA

HEERA multi purpose Improved Cookstove - INSEDA.

Categories:
Improved Cookstoves (ICS) for wood and residues

Countries:
India

https://www.inforse.org/evd/
The Database Solutions in India Implemented by INSEDA

JWALA Improved Cook Stove - INSEDA.

Categories:
- Improved Cookstoves (ICS) for wood and residues

Countries:

https://www.inforse.org/evd/
The Database Solutions in India Implemented by INSEDA

Solar Street Light. Edit solution

Categories:
- Other
- Solar lanterns

Countries:
- Bangladesh

https://www.inforse.org/evd/
Solar Rechargeable LED Light.

Categories:
- Solar lanterns

Countries:
- India

https://www.inforse.org/evd/
Bamboo Solar Poly Tunnel Dryer INSEDA India.

https://www.inforse.org/evd/
The Database Solutions in India Implemented by INSEDA

Rooftop Rain Water Harvesting Unit reinforced with Bamboo.

Categories:
- Rain water harvesting
- Water tanks, bamboo-cement and others

https://www.inforse.org/evd/
The Database Solutions in India
Implemented by INSEDA

Bamboo Compost Basket.

Categories:
- Organic composting

Countries:

https://www.inforse.org/evd/
The Database Solutions in India
Implemented by INSEDA

Home Forestry/ Farm Forestry.

Categories:

Household forestry

Countries:

India

https://www.inforse.org/evd/
Solar Poly-Greenhouse INSEDA India.

Categories:
- Greenhouses

Countries:
- India

https://www.inforse.org/evd/
### CASE STUDY - Carbon Credit for Household Biogas Plants.

<table>
<thead>
<tr>
<th>Publication category</th>
<th>Article (Scientific or other)</th>
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<td>7</td>
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The purpose of this ongoing project is to contribute towards sustainable development through the effective utilisation of gas from household biogas plants (which were built in a decentralised manner by NGO members and partners of INSEDA) and to switch over from biomass like firewood to clean renewable energy generated from utilizing animal wastes and other organic wastes in the rural areas of Kerala and Madhya Pradesh. The project activity is generation and utilisation of clean and environmentally friendly gas from the household (family size) bio-digesters (plants) from domestic farm animals and other locally available organic wastes. This will improve human conditions in the rural areas and will also lead to reduction in greenhouse gas (GHG) emissions.

[https://www.inforse.org/evd/](https://www.inforse.org/evd/)
CASE STUDY - India - Solar Dryers for Income Generation.

### Publication category

Article (Scientific or other)

### Number of pages

8

### General description

All India Women’s Conference (AIWC) is one of the oldest and pioneering Women’s not for profit organization. AIWC was established in 1927 in India by an Irish Lady, Margaret Cousins, for the education & emancipation of women, along with eminent Indian women like Sarojini Naidu, Rajkumari Amrit Kaur, and others. It has more than 150,000 members and 500-plus branches across the country working for the empowerment of women. Amongst many projects AIWC has undertaken one of the important programs is implementing application of renewable energy technologies with the objective of making them a tool of women’s self-reliance, through various low-carbon technologies for over four decades. Solar dryers were tested by AIWC in four places in...
## Case Study - Collection of Baseline Data

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<td>Number of pages 3</td>
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<td>general description</td>
<td>Collecting Baseline Information and Planning in five Villages around Rani Chauri Centre in the Tehri District of Uttarakhand State of India by INSEDA.</td>
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<td>INSEDA</td>
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[https://www.inforse.org/evd/](https://www.inforse.org/evd/)
# PRACTICAL PICTORIAL FIELD GUIDE ON GRAMEEN BANDHU BIOGAS PLANT.

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<tr>
<td>The Manual provides details of biogas technology, benefits of biogas technology, Popular designs of household biogas plants in India, and development, components and pictorial depiction of important stages of construction of of Grameenbandhu Biogas Plant.</td>
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[https://www.inforse.org/evd/](https://www.inforse.org/evd/)
### Forms household Survey - data collections.

#### Publication category
- Other

#### Number of pages
- 7

#### General description
- Format for Baseline data collection

#### Authors
- Sajid Nishan

[https://www.inforse.org/evd/](https://www.inforse.org/evd/)
The Database Publications in India Implemented by INSEDA

Forms - Village Survey - data collections -

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<td>Format for data collections for Village Survey</td>
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<tr>
<td>Sanjiv Nathan</td>
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[https://www.inforse.org/evd/](https://www.inforse.org/evd/)
Organic Agriculture.

Publication category
Other

Number of pages
5

General description
The article describes Organic Agriculture in general, its history and its benefits.

Authors
Dr. Raymond Myles, INSEDA

https://www.inforse.org/evd/
Media. Database for Eco-village Development in South Asia.

**EVD MEDIA: IMAGES & VIDEOS**

Number of entries in evd_media: 153

**Choose a media category:**

- Photos
- Graphics
- Videos
- External videos

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<td>Anagi stove Sri Lanka</td>
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<td>28</td>
<td>Village garden in India</td>
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<tr>
<td>29</td>
<td>Pub EVD White Paper on Climate Mitigation and Adaptation</td>
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Media Images and Videos from India in the Database for Local Solutions for Eco-Village Development in South Asia

Solutions of the Eco-Village Development (EVD) Project (2015-2022)

- Improved Cookstoves
- Grameen Bandhu Biogas plant and other bamboo based green technologies
- Solar poly-greenhouse and much more
Using the EVD Database in Advocacy

The database documents the local solution, to support advocacy at all levels. It is a tool to support advocacy and raise awareness of local solutions.

- On the local level, the database can be used to present and introduce new solutions.
- On the district and state level, it can be used to provide arguments for support for local, sustainable solutions, as basis for inclusion in development plans, subsidy and micro-loan schemes etc.
- On the national level, the database can provide evidence to support that local solutions are included in climate and development plans, NDCs.
- On the international level, the database can be used in promotion of local solutions in climate negotiations, for international climate finance, etc.
WE WELCOME SOLUTIONS to ADD to the Library Database
Please Visit: www.inforse.org/evd

PARTNERS:

Read more:
ecovillagedevelopment.net
www.inforse.org/asia/EVD.htm
DATABASE: www.inforse.org/evd