



**CLEAN**  
Create. Connect. Collaborate.

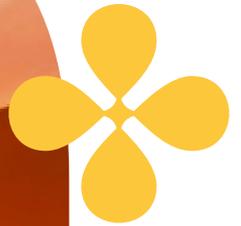


**EARTHENERS**  
Beyond Sustainability



# WATT MATTERS 2025

## WEEKLY MEMBER SPOTLIGHTS



# EARTHERNERS

📍 MANIPUR

📅 EST. 2013

⚙️ SOLAR SOLUTIONS

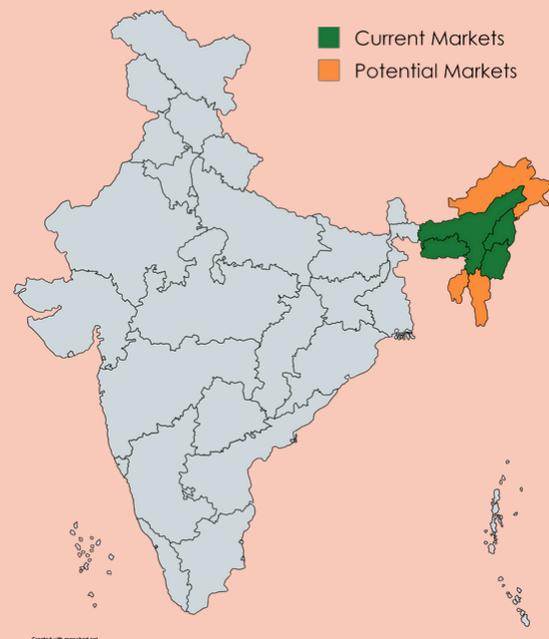
## ABOUT

Mangaal Sustainable Solutions Pvt. Ltd., operating under the brand Eartheners, is a pioneering social enterprise based in Imphal, Manipur. Established in 2013 by Devakishor Soraisam, the company was founded with a mission to make sustainable energy solutions accessible and affordable, especially for remote and underserved communities.

Over the past 12 years, Eartheners has grown from a small initiative into a leading Renewable Energy Service Company, delivering high-quality solar products and services across Manipur, Assam, Nagaland, and Meghalaya. Its portfolio spans solar lamps, water heaters, DC home systems, street lights, off-grid community projects, and rooftop solar PV plants.

Grounded in innovation and community impact, Eartheners continues to expand its reach and deepen its role in advancing renewable energy access, driving both environmental sustainability and improved livelihoods across Northeast India.

Current Markets	Potential Markets
Manipur, Nagaland, Meghalaya, Assam	Arunachal Pradesh, Mizoram, Tripura



Map. Current and Potential Markets

# PRODUCTS & SERVICES

Eartheners provides comprehensive renewable energy solutions encompassing feasibility assessment, customised system design, end-to-end subsidy support, financial linkages with banks and MFIs, professional installation with after-sales service, and market linkages for value chain development. Their products include:

## 1. Solar Appliances

A wide range of solutions including solar water heaters, streetlights, portable lamps, inverters, and batteries—designed to meet everyday energy needs efficiently and sustainably.

## 2. Off-Grid & Hybrid Systems

Reliable power for homes, schools, health centers, businesses, and rural livelihoods in areas with limited or no grid access. These systems support lighting, small appliances, and income-generating activities—enabling energy independence and improving quality of life.

## 3. Solar Rooftop Solutions

Rooftop installations under PM-Surya Ghar (MNRE & MSPDCL) that help households reduce electricity bills and accelerate the transition to clean, renewable energy.



# MARKETS

## Business Segments

- **B2B – 80%:** Partnerships with commercial establishments, and development organizations for large-scale projects, including community off-grid solutions, and solar-powered infrastructure for health centers, schools, and rural enterprises.
- **B2C – 20%:** Direct engagement with households and small businesses through affordable solar appliances, rooftop systems under PM-Surya Ghar, and off-grid setups for reliable, clean energy access in remote areas.

## Revenue Sources

Eartheners generates its revenue primarily from solar electrification and power backup solutions for public health centers, while also advancing livelihood projects with solar-powered tools such as blacksmith hammers, milking machines, and sewing machines, and implementing residential and commercial rooftop installations under government schemes like PM Surya Ghar, as an empanelled vendor with MSPDCL and MNRE.

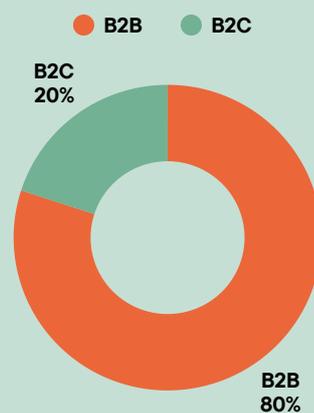


Chart. Business Segment Distribution

# IMPACT

Eartheners has been at the forefront of advancing renewable energy access across Northeast India, delivering impactful solutions that improve lives and livelihoods.

- **13,420+ households** powered (includes home systems and portable solar lamps)
- **2,120 solar streetlights** installed
- **550+ health centers** electrified across Manipur, Assam, Nagaland & Meghalaya
- **3+ MW** of solar capacity cumulatively installed
- **1,00,000+ individuals positively impacted**, especially rural households and small livelihood activities
- **Presence across all districts of Manipur**, including some of the most remote and hard-to-reach areas



## Way Forward

Eartheners aspires to deepen its roots across Manipur, Assam, Nagaland, and Meghalaya, while scaling up livelihood-driven solar initiatives and promoting household energy independence through solar rooftop installations under the PM Surya Ghar scheme. These efforts empower communities, unlock new opportunities, and create lasting impact across the Northeast.

Eartheners hopes there is greater investment in this sector along better support from various stakeholders - financial institutions, government agencies, development sector organisations - to unlock its full potential and shape a sustainable, inclusive future for the Northeast.



### Alignment with SDG Goals



## CONTACT

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