

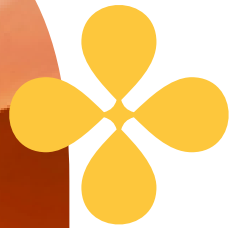


CLEAN
Create. Connect. Collaborate.



WATT MATTERS 2025

WEEKLY MEMBER SPOTLIGHTS



A&D SOLAR ENTERPRISE

 NAGALAND

 EST. 2018

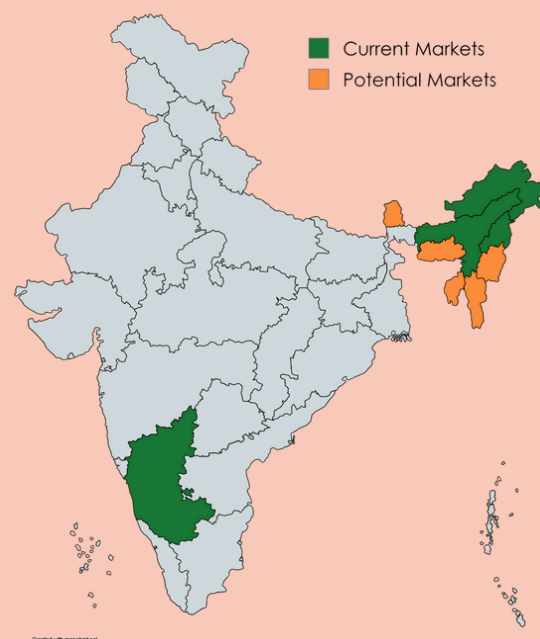
 SOLAR SOLUTIONS

ABOUT

Mrs. Sashimongla Sangtam, founder of A&D Solar Enterprise, started the company in 2018 in response to Nagaland's persistent challenges of low energy access, frequent load shedding, and power cuts that disrupt farmers, businesses, and daily life. Leaving behind a stable career in the government sector — a path most aspire to — she chose instead to pursue a more impactful journey. With the support of her husband, Derrick Soans, she set out to build a company that could provide reliable solar solutions to diverse underserved communities.

At A&D Solar, the mission is clear: to transform the future with clean, affordable, and reliable energy. The company offers state-of-the-art solar solutions backed by subscription-based maintenance, ensuring long-term efficiency and lower energy costs. Beyond installations, A&D Solar invests in skill development, equipping local communities with the expertise needed for a sustainable future. With proven expertise, high-quality products, and a commitment to affordability, A&D Solar is enabling a seamless transition to renewable energy and creating lasting social impact.

Current Markets	Potential Markets
Nagaland, Assam, Arunachal Pradesh, Karnataka,	NE India



Map. Current and Potential Markets

SOLUTIONS & SERVICES

A&D Solar provides a range of innovative and sustainable energy solutions for homes, businesses, and rural communities, designed to reduce costs, support livelihoods, and promote environmental responsibility:

1. **Rooftop Solar Systems** – High-efficiency systems for homes and businesses, reducing reliance on conventional electricity.
2. **Subsidized Rooftop Systems** – Affordable solar solutions through government schemes and financing options.
3. **Solar Water Heaters** – Eco-friendly water heating that lowers electricity consumption.
4. **Solar Streetlights** – Durable, reliable outdoor lighting built for diverse Indian climates.
5. **Solar Dryers** – Hygienic, efficient food drying that preserves nutritional value and quality.
6. **Livelihood Solutions** – Solar irrigation pumps, sewing machines, cold storage, food-processing kits, and multi-use kits to empower farmers, women-led enterprises, and artisans.
7. **Subscription-Based Maintenance** – Regular check-ups, annual servicing, and emergency repairs to keep systems running smoothly.



MARKETS

To make solar solutions accessible and flexible, A&D Solar adopts multiple payment options tailored to customer needs:

- **Upfront Payment:** Customers pay the full system cost directly, ensuring ownership and accountability.
- **Blended Finance:** Combines customer contributions with subsidies or support from government and institutional partners.
- **Installment Plans (Select Cases):** For select beneficiaries, systems can be availed through easy monthly or periodic payment plans.

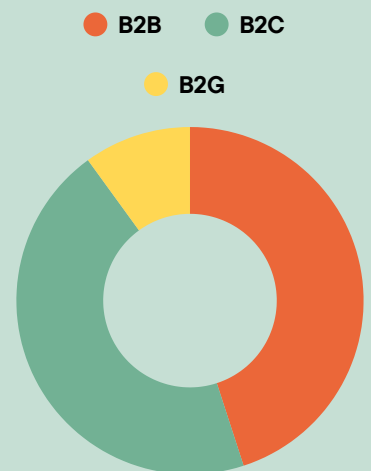
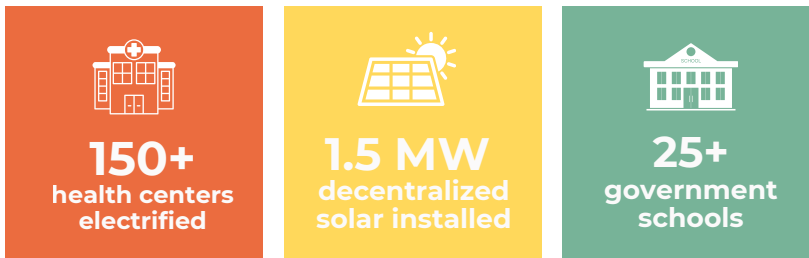


Chart. Sectoral Distribution

IMPACT

From empowering livelihoods to solarising schools and health centres, A&D Solar's initiatives are driving meaningful impact across communities.

- **Livelihood Projects:** Beneficiaries' income increased from ₹5,000 to ₹10,000 per month.
- **Households Solarised:** 80+ households installed solar systems.
- **Rooftop Solar:** 1.5 MW of solar capacity installed across homes and businesses.
- **Solar Streetlights:** 30+ installed, improving community lighting.
- **Health Centres:** 150+ centres solarised, ensuring reliable electricity for healthcare.
- **Government Schools:** 25+ schools solarised, supporting education with sustainable energy.
- **Solar Water Heaters:** 70+ units installed, promoting eco-friendly water heating.
- **Solar Livelihood Solutions:** 18+ units deployed, empowering farmers, artisans, and women-led enterprises.



Way Forward

As a woman entrepreneur in an industry that often favors male counterparts, Mrs. Sashimongla Sangtam has faced significant challenges. Yet, her perseverance and vision, together with the unwavering support of her team, have enabled A&D Solar to steadily grow—from a small four-member team to a dedicated workforce of 25—and make its mark. She gives credit to her dedicated team, whose efforts have been pivotal to A&D Solar's mission of empowering communities through renewable energy. In a region with limited job opportunities, A&D Solar aims not only to expand its business but also to create meaningful employment and offer internships that equip students with future-ready skills.



Alignment with SDG Goals



CONTACT

 support@thecleannetwork.org

 soans.sashi@andsolareenterprise.com