



## Aegeus Technologies Limited

### Corporate Office:

#38, Saanvi Arcade, 3<sup>rd</sup> Floor, Opp. Brahma Brews, 24<sup>th</sup> Main road,  
Puttenahalli, JP Nagar, 7<sup>th</sup> Phase, Bangalore, Karnataka - 560078, India

### Registered Office & Manufacturing Plant:

105, Harapanahalli, Jigani Hobli, Anekal TQ, Bangalore,  
Karnataka - 560105, India

### Mail:

info@aegeus.in

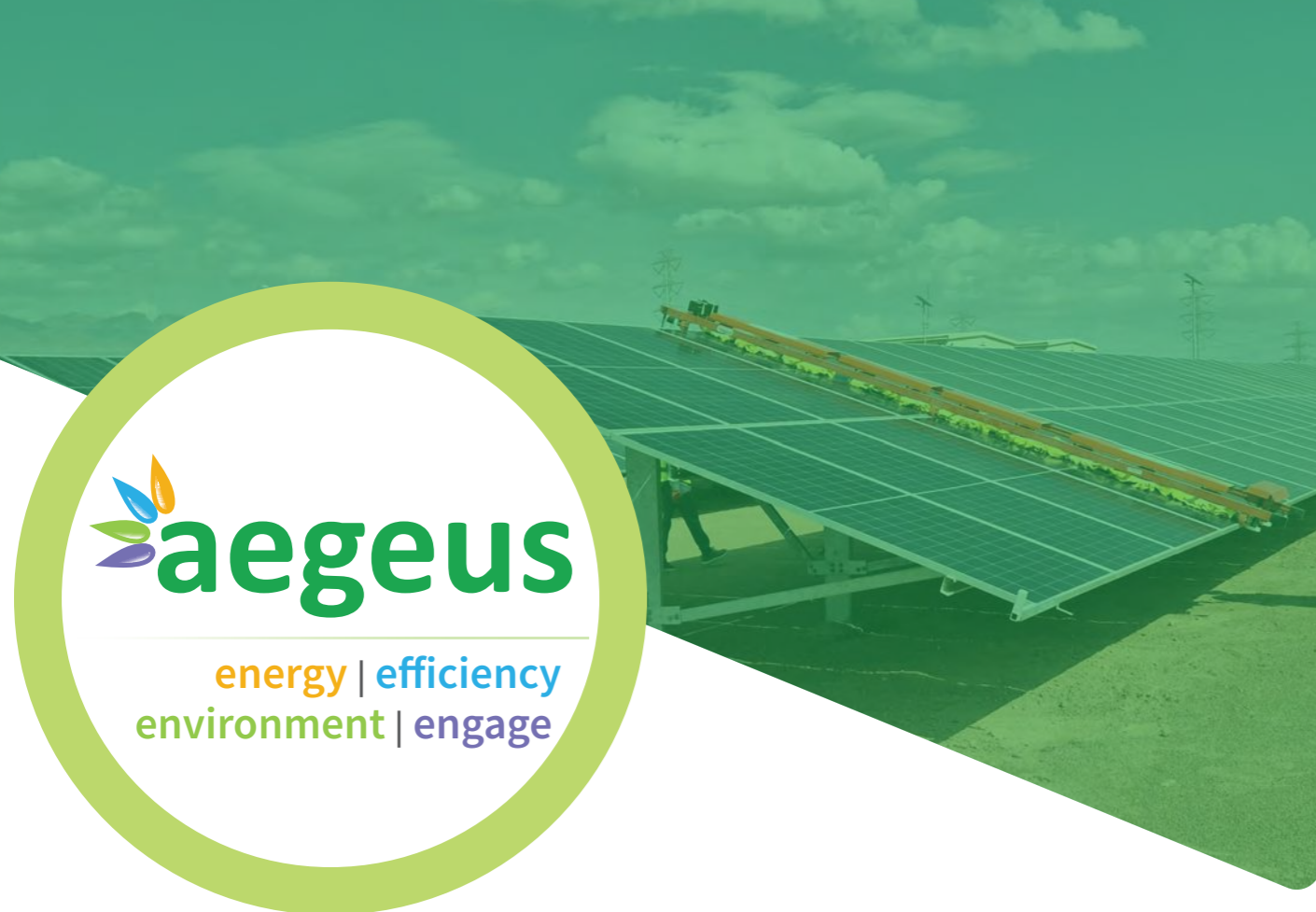
### Website:

www.aegeustechnologies.com



# Solar Robotics for a Sustainable Future

energy | efficiency | environment | engage



## ABOUT US

**Founded in 2017**, Aegeus Technologies was born from a vision to provide sustainable, intelligent solutions for the rapidly evolving world of Solar Operations & Maintenance (O&M). Specializing in cutting-edge robotic systems, we are committed to maximizing operational efficiency while minimizing environmental impact-particularly through waterless cleaning innovations.

At the core of our mission is a passion for harnessing the power of **Robotics, Artificial Intelligence (AI), and Machine Learning (ML)** to revolutionize the maintenance of solar plants. Our technologies translate advanced engineering into practical, scalable solutions that help solar developers overcome key challenges-enhancing plant lifecycles, optimizing performance, and ensuring projected returns on investment.

We go beyond automation. Our solutions are built not only to streamline processes and reduce costs but also to support climate action, conserve vital resources like water, and promote humane working conditions in the solar industry.

Backed by a dedicated team of industry experts, Aegeus Technologies delivers intelligent, user-friendly products with an unwavering focus on **quality, safety, and customer satisfaction**. As we continue to grow, our goal remains clear: to lead the charge in clean energy innovation and set new standards for sustainable solar O&M across the globe.

## VISION

At Aegeus Technologies, our vision is to lead the future of solar plant O&M through cutting-edge robotics, artificial intelligence, and data-driven automation that is user-friendly, cost-effective, and environmentally responsible.

## MISSION

Our mission is to empower solar asset owners by automating Operations & Maintenance through innovative, waterless cleaning solutions and advanced data-driven robotic technologies enabling our customers to optimize performance and significantly reduce O&M costs.

## CORE VALUES



## THE 4 e's OF AEGEUS



**energy:** We are consistently developing energy efficient products & solutions across utility & industrial segments.



**efficiency:** Our endeavor is to make power sustainable, reliable & efficient, delivering exceptional results at minimal costs



**environment:** With the environment at the forefront, our technology helps in conserving water for future generations.



**engage:** We engage with our customers from design through support, understanding their challenges & developing solutions that accelerate performance & deliver efficiency.

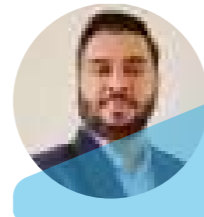
## MEET THE TEAM



**Suraj Varnekar**  
Founder & CEO



**Pratap Mishra**  
Head Finance



**Yogesh Kumar**  
AVP Technology



**Iranna Jadhav**  
Head Manufacturing



**Nikhil Sudan**  
Head Customer Success



**Rajkiran Singh**  
Head Distributed Solar

## ENVIRONMENTAL STEWARDSHIP

At Aegeus Technologies, environmental stewardship is not just a responsibility—it's a core principle that guides every innovation we bring to life. As pioneers in waterless solar panel cleaning technology, we are at the forefront of redefining sustainable maintenance practices in the solar industry. Our solutions are designed to significantly reduce water consumption, protect natural resources, and lower the environmental footprint of solar O&M. By integrating ESG (Environmental, Social, and Governance) values into our operations, we not only help our clients achieve their sustainability goals but also contribute to global efforts in



combating climate change. From conserving billions of liters of water to promoting ethical labor practices, Aegeus Technologies is setting new benchmarks for responsible innovation in clean energy.

## WORLD CLASS MANUFACTURING, ENGINEERED FOR EXCELLENCE:

At Aegeus Technologies, our world-class manufacturing facility in Bangalore, is the cornerstone of our commitment to meeting global standards. Designed for high-efficiency operations, the plant runs round-the-clock, enabling us to meet delivery timelines consistently—both in India and across international markets.

Each robotic unit is engineered with precision and attention to detail, featuring a robust aluminum frame, UV-resistant soft PU wheels, and high-performance DC motors. These are seamlessly integrated with our patented Air Wash Technology, while high-quality microfiber brush cloths ensure effective, residue-free cleaning across diverse environments. To ensure reliability and resilience in every product, we have indigenized our entire supply chain, enhancing supply chain security and guaranteeing consistent quality and timely deliveries. We

also partner exclusively with reputed vendors who uphold the highest standards of quality across their processes. The facility follows rigorous, multi-stage quality control protocols delivering unmatched performance and durability.

Additionally, the modular construction of our units enables rapid scalability. This agility, combined with our technological leadership, makes Aegeus a trusted partner for scalable, sustainable, and future-ready robotic solutions.



## REDEFINING SOLAR O&M

Aegeus offers comprehensive robotic & AI-powered solutions that automate and optimize solar plant operations. From dry-cleaning, predictive maintenance, vegetation control & site security, our integrated ecosystem maximizes uptime, lowers costs, and boosts performance, while conserving water and reducing manual effort.

For smarter asset management, our digital platforms deliver real-time visibility, control,

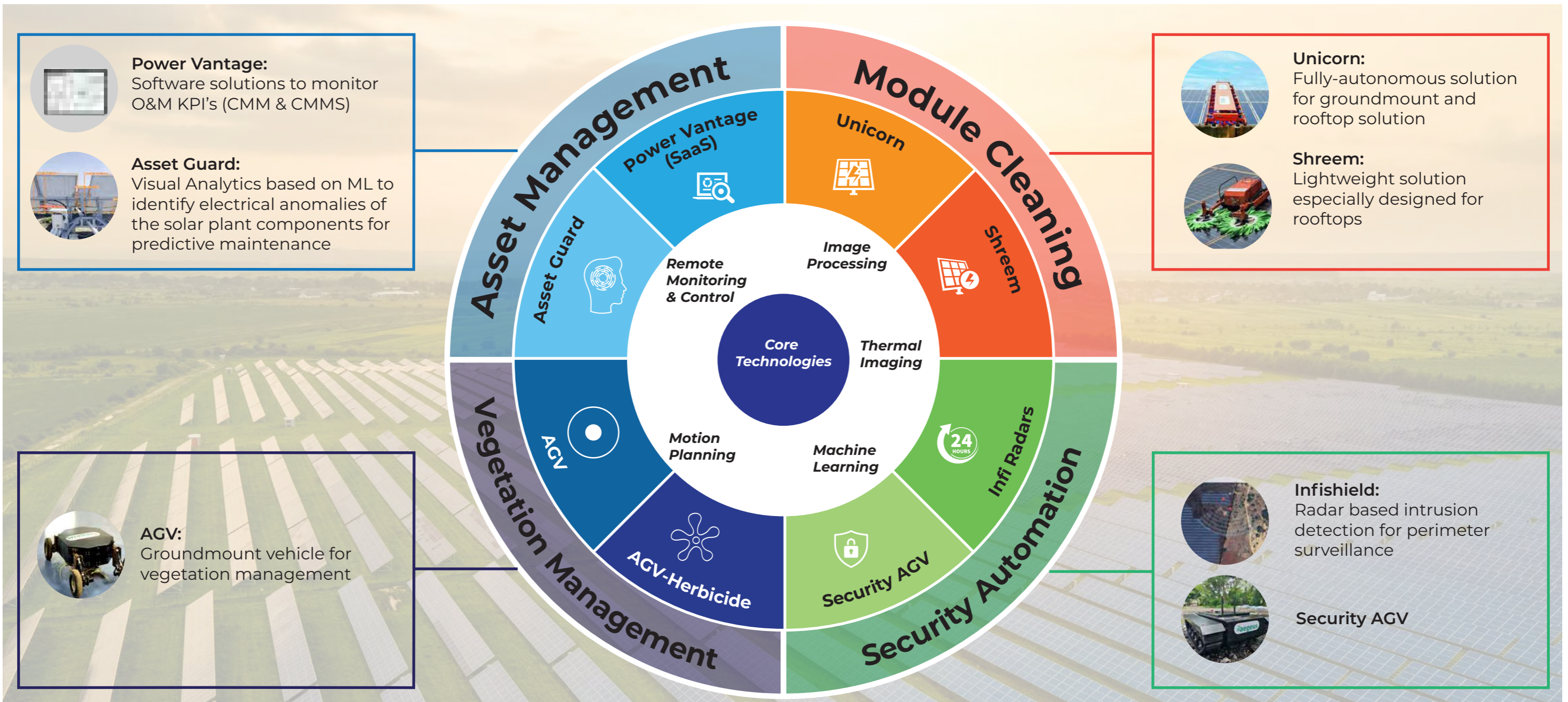
and intelligence across solar plant operations. Power Vantage monitors O&M KPIs and plant health, while Asset Guard, an AI-driven analytics tool, detects electrical anomalies using advanced visual diagnostics enabling proactive, predictive maintenance.

In module cleaning, we offer two specialized solutions Unicorn & Shreem, our fully-autonomous robots designed for ground-mounted and rooftop installations.

Our Autonomous Ground Vehicle (AGV) designed for vegetation management manages overgrowth across solar farms with minimal supervision, preventing obstruction and fire risks ensuring year-round efficiency and safety.

Infishield, our security automation solution, uses radar-based intrusion detection and real-time perimeter surveillance to ensure 24/7 visibility & rapid response, enhancing safety & security at remote solar sites.

All of our solutions are powered by proprietary technologies - ranging from robotics and motion planning to image processing, thermal imaging & real-time remote control. Together, these capabilities form a scalable, intelligent platform built to meet the evolving needs of solar O&M.

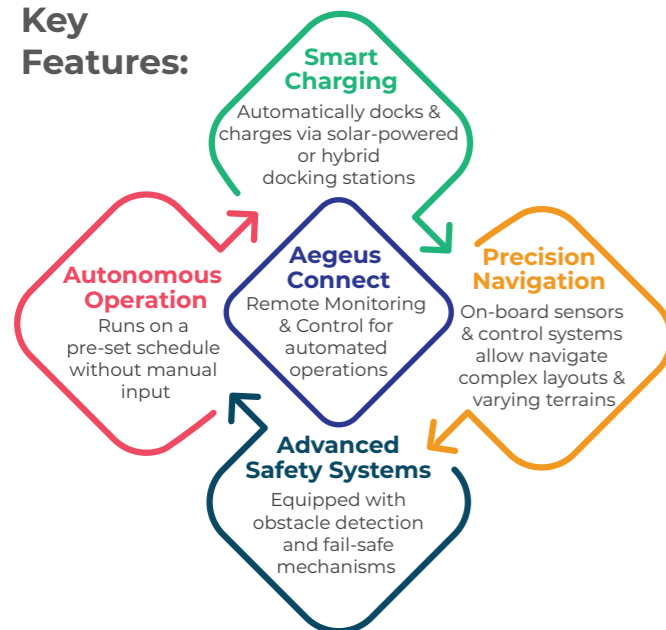


# Unicorn Smart

Unicorn Smart is a fully-autonomous, zero-water robotic cleaning system designed specifically for large-scale solar installations. It offers a hands-free, high-efficiency cleaning solution that ensures maximum performance with minimal human intervention. Equipped with solar-powered or hybrid docking stations, Unicorn

Smart automatically docks and recharges, enabling seamless, uninterrupted operation. Its intelligent design not only boosts uptime and operational safety but also delivers enhanced return on investment, making it the ideal choice for sustainable and efficient solar panel maintenance.

## Key Features:



# Unicorn R2R



For solar plants where fully-autonomous robots may not be feasible, Unicorn R2R offers the perfect solution - delivering maximum Return on Investment (ROI) with reduced CAPEX. Designed specifically for large scale O&M operators and developers, it provides rapid cleaning performance with exceptional efficiency.

**Global Approvals from Module & Tracker Manufacturers:** Unicorn has undergone Highly Accelerated Impact Testing by UL India, simulating up to 20 years of operation. Approved by leading Tier 1 and Tier 2 solar module manufacturers, Unicorn is certified for dry-cleaning without voiding warranties.

# Shreem



**Intelligent Cleaning for Rooftop Solar:** At Aegeus Technologies, innovation meets sustainability with Shreem-our intelligent, water-less robotic solution designed specifically for rooftop solar panel cleaning. Powered by advanced Airwash Technology, Shreem delivers exceptional cleaning performance without using a single drop of water, making it a truly eco-friendly alternative to traditional methods. Its compact, portable design ensures effortless integration across diverse rooftop installations, while its autonomous operation reduces the need for manual labor. Shreem reflects our dedication to enhancing solar efficiency and driving sustainable progress through smart, responsible technology.

## The Aegeus Advantage:



## Support & Solutions:

At Aegeus Technologies, our relationship with customers extends far beyond the point of sale. We believe that any product-no matter how advanced-is only as good as the support behind it. That's why we are deeply committed to providing efficient, reliable after-sales service, whether our customers are located in metro cities, remote areas, or overseas. Combining the strength of our skilled human workforce with smart technology, we ensure that every Aegeus solution is backed by timely assistance and expert care.

### Field Connect

Field Connect is a digital platform that streamlines the operation and maintenance of robotic systems on solar power plants. It eliminates the need for manual logs or service calls by allowing users to raise service tickets for faulty robots, track dispatch and commissioning, monitor preventive maintenance, and order spare parts - all through a single app.



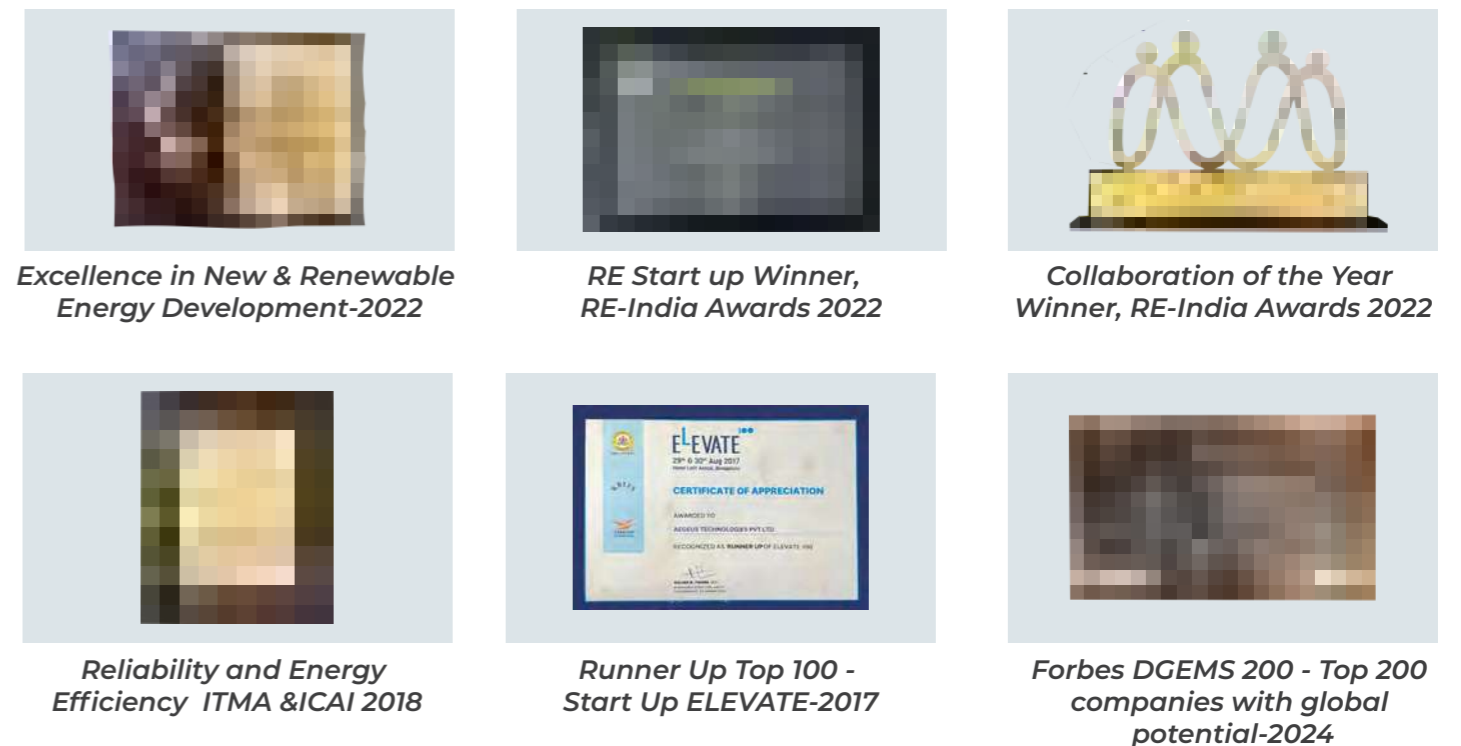
## PRESENCE & FOOTPRINT



## PATENTS



## AWARDS & ACCOLADES



## CLIENTS

