

SOCIAL AND RELATIONSHIP CAPITAL



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Reading time: 21 minutes

MATERIAL TOPICS

- Community Engagement
- Labour Practices and Human Rights
- Supply Chain Management

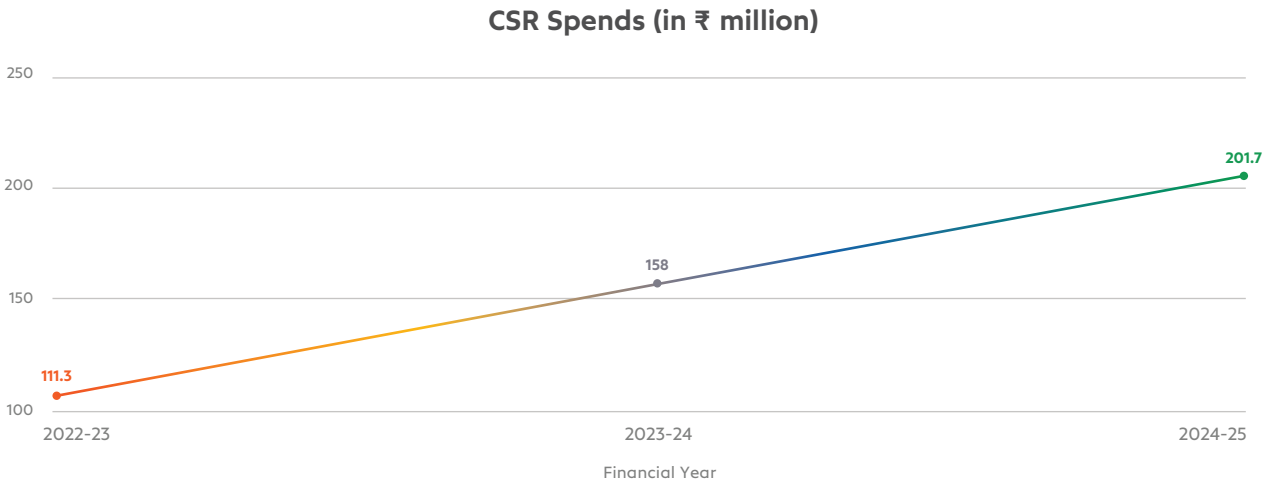


Social Capital

At Apraava Energy, we believe that sustainable progress is measured not just in megawatts but in lives transformed. Every project, partnership, and decision we make is guided by the principle of creating long-term impact. Our social responsibility vision embraces a future where economic progress aligns with social equity, ensuring that everyone can lead a fulfilling life.

Our long-term CSR strategy is designed to address structural challenges through integrated development programs. We prioritise women and youth empowerment, education, livelihood generation, environmental sustainability, and access to clean energy. This year, we further deepened our impact through new partnerships and evaluated the impact of our programmes to strengthen our delivery mechanisms.

In FY 2024-25, our CSR investment rose by 30% compared to the previous year, reaching ₹201.7 million. Our focus remains on driving tangible outcomes and creating a ripple effect that uplifts communities, from equipping children with educational resources to restoring vital ecosystems, fostering gender equality, and more.



Recognising Excellence and Amplifying Impact

Our commitment to sustainable progress is reflected in our achievements in the FY 2024-25, such as:

- CII-ITC Sustainability Awards 2024 for Excellence in CSR** – the highest recognition in its category for our responsible business practices.
- Surpassing 2.24 million lives impacted over five years** by March 2025.

In January 2025, one of our implementing partners, Watershed Organisation Trust (WOTR), hosted 'Ripples of Change,' an event celebrating three decades of community-led development. In the said forum, Apraava Energy was acknowledged for its contribution to rural transformation and climate resilience.



Providing Nutrition and Cultivating Healthy Eating Habits in Children

15 Anganwadis transformed into model centres

under **Project Utthaan**, generating a 4:1 benefit-to-cost ratio through improved early childhood education, better health outcomes, and stronger community engagement.

34,000+ children supported with nutritious mid-day meals

across **Assam and Telangana** through the **PM Poshan Yojana**. This initiative is part of India’s largest school meal programme, reinforcing the link between food security and continued learning.

Restoring the Environment Sustainably

Mangrove plantation and wetland development

To strengthen green cover and support local ecosystems, we planted 63,274 saplings across our project sites, including 30,000 mangroves in the periphery of Sundarbans, West Bengal. The Mangroves project, on maturity, is estimated to sequester about 600,000 kg of carbon annually, while also preventing soil erosion, improving groundwater quality, and supporting marine biodiversity, contributing to the long-term regeneration of our natural capital. We also signed an agreement for the development of the Bhindawas wetland in Haryana.



Building Water Security

Apraava Jal Sanchay projects across our project sites in Rajasthan, Gujarat, Haryana, Karnataka, Tamil Nadu, and Maharashtra continued village pond de-silting, household water tanks, building farm ponds and bunds, and several other water conservation initiatives. The Gram Vikash water project in Haryana focussed on water pond restoration and sustainable agricultural practices.

Investing in Education and Growth

11,396 students and teachers supported

by the Exemplar Schools Project across **Narmadapuram, Sehore, and Dewas in Madhya Pradesh**. This programme focuses on establishing strong academic structures, conducting student assessments, and enhancing teacher capacity-building to uplift educational quality in these regions.



1000+ youth trained in self-defence

across **18 villages in Madhya Pradesh** under Mission Kavach, a programme led by CII Woman Exemplar Awardee Mana Mandlekar to promote safety, confidence, and gender equality.



124 students awarded Apraava Scholarships
in **Chirang district, Assam**, with 57% of them being girls.

Igniting Curiosity, One Classroom at a Time

We believe education should fuel curiosity and confidence. Through our STEM and literacy programs, we’re reimagining how children engage with science and technology in underserved communities.

- **358 students** benefited from STEM kits in Maharashtra
- **Rise from 39% to 74%** in conceptual understanding of students
- **10 schools covered** in Haryana with structured STEM support
- **20 teachers trained** in hands-on science methods
- **22 employee volunteers engaged** during National Science Day
- **20+ science models built** and displayed by students



To address gaps in science education, like rote learning, lack of lab access, and limited teacher resources, we introduced the **Life Lab STEM Learning initiative** in remote schools across Maval and Khed (Maharashtra) and Jhajjar (Haryana). The program equips classrooms with interactive science models, Magic Boards, and grade-mapped STEM kits, while also supporting teachers with targeted training.

In Maharashtra, five Zilla Parishad schools with 358 students saw a dramatic leap in science comprehension, with conceptual clarity rising from 39% to 74% in just one year. In Jhajjar, structured lesson plans and one-day workshops for 20 teachers were rolled out across 10 government schools, encouraging experiential teaching methods.

“*I finally understood how hydroelectricity works—and I even taught my classmates!*
– a jubilant 7th-grade student.”

To celebrate National Science Day, 22 of our volunteers and their families built DIY windmill kits, sparking conversations around renewable energy. Meanwhile, students showcased over 20 science models, from Chandrayaan-3 missions to smart accident prevention systems and water recycling demos, at an exhibition near our Samana wind site. In Mumbai, STEM workshops at Gurukuls empowered homeless children with access to future-focused learning.

By making science interactive and inclusive, we are nurturing a generation that’s learning how to think, build, and lead. [Watch this video](#) and hear from the students and teachers at one such remote village in Maharashtra.

Providing Access to Clean Energy for Development

Reliable access to energy is more than just an infrastructure upgrade; it’s a gateway to opportunity, especially in underserved rural communities. **Across Assam, Nagaland, Telangana, and Haryana, we have deployed over 200 solar installations, ranging from streetlights and high-mast lights to off-grid systems, solar water heaters, and digital education kits.** These assets are powering village common areas, schools, girls' hostels, and community spaces, directly **enhancing the quality of life for over 32,000 people.**

In Northeast India alone, solar interventions are expected to avoid approximately 57.69 tonnes of carbon emissions each year. A 27.5 kW off-grid solar plant in Assam’s Udansri Dera now powers the local community, benefiting more than 3,000 people. In Kohima, Nagaland, solar streetlights and backup systems have brought clean, reliable energy to schools, healthcare centres, and public spaces, strengthening resilience where it matters most.

The outcomes are tangible. In Kasturba Gandhi Balika Vidyalaya, Dilawarpur, the simple act of switching on a light after sunset has made education more accessible and hostels more comfortable.

Beyond improving everyday routines, these interventions are aligned with broader climate goals by **avoiding an estimated 92 tonnes of CO₂ emissions annually.** This is about enabling dignity, supporting safety, and sparking long-term change in the communities we serve.

“*The solar energy system has made my stay in the hostel more comfortable,* shares Ritika, a Grade 8 student. Teachers also report better punctuality and study habits, thanks to improved lighting and hot water.”

Strengthening Community Livelihoods

Aarohan Project (Gujarat)

Our Aarohan Project in Gujarat addressed water security, sustainable livelihoods, and education, **achieving a Social Return on Investment (SROI) ratio of 57.92.** Particularly, water interventions yielded a remarkable return and underscored the critical role of water conservation and community-driven development in rural livelihoods.

Yhoshu Resource Center (Nagaland)

In Nagaland, we initiated construction of a Youth Resource Centre in collaboration with the Yhoshu Clan, offering student housing, a community kitchen, and recreation spaces to **support higher education and youth development** in the Southern Angami region.

The Agri-She Program (Assam)

In Bongaigaon, Assam, our program has been initiated to **equip 3,000 women entrepreneurs** with skills in agriculture and livestock-based livelihoods. It is designed to **positively impact 15,000 lives** over the next three years, fostering economic independence and enhancing livelihoods.

Apraava Energy’s Committment to DEI

At Apraava Energy, diversity, equity, and inclusion are commitments we carry into our communities. This year, we expanded our DEI efforts to focus on groups often left behind, supporting tribal populations in the Northeast in Nagaland and Assam, girls in remote parts of Rajasthan, Telangana, Gujarat, and women and children in Mumbai’s most underserved spaces.

- **2,000+ out-of-school girls targeted** for mainstream education in Jaisalmer
- **700+ girls benefited** from solar-powered upgrades in KGBVs
- **655 homeless children and women in distress supported** across Mumbai

In Jaisalmer’s Fatehgarh block, we launched an education initiative targeting 2,000 out-of-school girls, many of whom had never entered a formal learning environment. With a grassroots team of community counselors called Team Balika, we conducted door-to-door surveys, encouraged enrolment, and began building sustained community support for girls’ education.

Across seven Kasturba Gandhi Balika Vidyalayas (KGBVs) in Telangana and Gujarat, we installed solar water heaters, power backups, and lighting systems, directly improving the quality of life and learning for over 700 girls from disadvantaged backgrounds. KGBVs are residential schools for girls in India, primarily for those from disadvantaged communities.

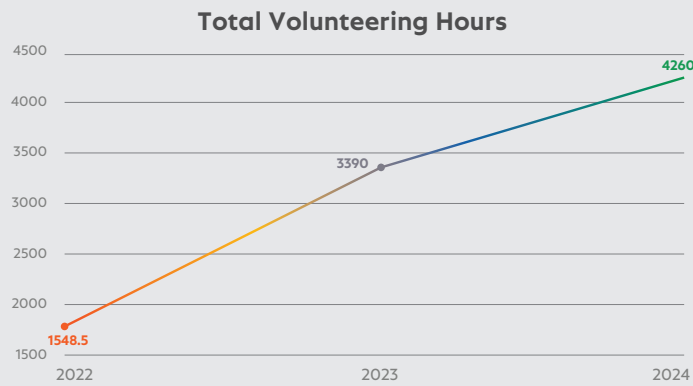
In Mumbai, through Project Hope, we supported women in distress with counseling, healthcare, nutrition, and skill-building. We hosted a women’s alumni gathering at our office and invited women from a government shelter to experience a professional environment. Additionally, we extended support to 140 homeless children across three gurukuls, helping nurture their education and holistic development.

Through these efforts, we are building inclusive systems that prioritise those often overlooked.

Deeply Rooted Volunteering Culture at Apraava Energy

Volunteering is a deeply woven tenet of Apraava Energy’s culture of responsibility. It reflects our commitment to creating lasting, positive change in the communities we serve. Whether it’s an engineer explaining renewable energy to school children or a team coming together to plant trees in a remote village, each act of service reinforces our values of empathy, inclusion, and responsibility. In FY 2024-25, this spirit of giving grew stronger, with employees across locations coming forward to uplift lives and protect the environment through a wide range of purposeful initiatives.

- **4,260 hours** volunteered—a 25% increase over the previous year
- **64% employee** participation across departments
- Average of **4.2 hours** per employee



One of the year’s flagship initiatives was the Apraava Young Readers Programme, launched in collaboration with Pratham Books. This innovative program provides an opportunity for field engineers and asset managers across renewable, transmission, and AMI businesses to connect and engage with school children to make sustainability, water conservation, and renewable energy come alive for students. As an incentive, each participating school receives a curated library kit to foster curiosity and lifelong learning amongst children.

Beyond classrooms, employees drove impact on the ground. At Apraava Energy’s renewable sites, volunteers introduced students to the world of robotics and led sustainability workshops. Whereas at transmission and AMI sites, employees mentored schoolchildren in core subjects, raised awareness about renewable energy, and planted saplings across Assam, Madhya Pradesh, and Rajasthan, reinforcing Apraava Energy’s vision for a greener future.

During Daan Utsav, Apraava Energy teams across the country fulfilled children’s wishes, donated essential school and hygiene supplies, and created joyful experiences through play and art. Employees took proactive steps to strengthen communities by participating in blood donation camps, WASH sessions, beach cleanup and seedball making drives to promote environmental conservation.



“The smile on their faces and spark in their eyes keep me coming back to teach more.”
- Shankhamalya Bhattacharjee, Operations (Transmission)



“Planting trees with my family was not just educational—it was deeply emotional.”
- G.V.N. Sri Vishnu, Mechanical Maintenance

Together, these acts of service are part of a growing movement at Apraava Energy. A movement rooted in empathy, sustained by purpose, and driven by the belief that giving back builds a better future for all.



Cleaner Air Through Crop Residue Management in Haryana

Since 2019, Apraava Energy has partnered with the CII Foundation to tackle the pressing issue of stubble burning across Haryana. What began with six villages in Fatehabad and Rohtak has grown into a large-scale intervention now spanning 42 villages across four districts: Rohtak, Jhajjar, Fatehabad, and Sirsa. In FY 2024-25 alone, the programme benefitted 12,800 farmers and covered 64,860 acres of farmland.

The project promotes sustainable alternatives to burning crop residue through training, provision of eco-friendly farm equipment, and behaviour change communication. Farmers have adopted improved biomass recycling techniques, which have led to a significant decline in stubble burning from a baseline of 56.1% to over 99% elimination in 2024.

Environmental Outcomes

123,880 tonnes of biomass saved from being burnt

111,793 tonnes of CO₂ emissions avoided

Reduction in key pollutants: **526 tonnes PM2.5, 641 tonnes VOCs, 375 tonnes Ammonia, 178 tonnes NOx, and 26 tonnes SO2**

To support this transition

117 farm machines were deployed since 2019

87 farmer meetings, 8 training sessions, and multiple awareness camps were conducted in FY 2024-25

Collaborations with Arohi Model School and village panchayats helped spread awareness at the grassroots level

Alongside technical support, the initiative included composting and biogas projects that enabled farmers to convert waste into value. These efforts not only enhanced soil fertility and reduced chemical dependency but also created cleaner, healthier environments.

Voices from the Field:



Using compost made from stubble improved productivity and soil health.

- Ankush Kamboj, 8 Burji village



Biogas at our Gurudwara has made langar cooking more efficient and eco-friendly.

- Sardar Mandeep Singh, Rania



Empowering the Athletes of Tomorrow

Over the years, Apraava Energy has enabled girls and youth across Haryana through committed support to three dedicated sports academies for wrestling, athletics, and basketball. These initiatives provide young athletes with essential resources, mentorship, and pathways for social mobility and empowerment. We take pride in the globally recognised achievements of our wrestling champions, including Anjali and Neha, whose journeys are featured in this dedicated sports film below.



Stakeholder Engagement and Strategic Collaborations

At Apraava Energy, we believe we cannot prosper in isolation. Our long-term success is deeply tied to the health, progress, and resilience of the communities around us. This belief drives us to engage meaningfully with a diverse ecosystem of partners—government bodies, NGOs, academia, and peer organisations—each playing a vital role in shaping inclusive, sustainable development. Over the years, we’ve cultivated a stakeholder engagement model that goes beyond consultation, anchoring our efforts in collaboration, cross-learning, and co-creation.

Key Engagements

Apraava Senior Leadership Site Visits

Regular site visits to CSR projects, such as the Millet food festival in Theni, to interact with women beneficiaries, were conducted by senior leaders to ensure executive-level oversight, reinforce on-ground ownership, and connect organisational priorities with community aspirations.



Apraava Social Conclave

The Apraava Social Conclave served as a convergence platform for NGO partners, community stakeholders, and internal teams. With 90% of participants rating the event 4 or higher (on a 5-point scale), the conclave facilitated dialogue, showcased best practices, and shaped a shared vision for impact. This event also featured initiatives borne out of our strengthened emphasis towards diversity, equity and inclusion initiatives, supporting the north-eastern states and understanding about social stock exchange. The upcoming Apraava Social Conclave 2026 aims to deepen cross-learning, strengthen partner collaboration, and expand the conversation to include climate resilience, gender equity, and digital innovation.



Connect with Key Stakeholders

Our teams maintained ongoing engagement with District Collectors and local administrative bodies across key geographies to align initiatives, gain contextual insights, and improve execution on the ground.

Leveraging Government Schemes

We strategically aligned with existing state and central government schemes to enhance access to critical services, create multiplier effects, and drive systemic improvements in community resilience.

The Road Ahead

Looking forward, we are committed to scaling our impact with purpose through focused initiatives. Our roadmap for 2025 and beyond includes:

- Expanding clean energy access to underserved regions, accelerating India’s transition to a greener future
- Strengthening gender-inclusive workforce development programs, enabling women to lead and participate in economic progress
- Accelerating climate resilience initiatives with large-scale conservation projects
- Leveraging data-driven insights to maximise CSR effectiveness, refining our approach to community engagement with precise measurements

Relationship Capital

Strong relationships are essential to how we operate. At Apraava Energy, we build thoughtful, long-term relationships with suppliers and customers alike, anchored in shared goals and responsible practices. Over the past year, we deepened these efforts through our updated procurement policy framework and supply chain management, regular supplier dialogues, and ESG-linked assessments.

Apraava Energy's Procurement Policy Framework

At Apraava Energy, our sourcing process is strategically designed to identify the right suppliers who can meet our specific requirements while delivering optimal value. The supplier evaluation is primarily conducted through competitive bidding procedures to ensure transparency and efficiency. We clearly define project needs and business expectations within contract terms and conditions to maintain alignment and accountability. All contract reviews and procurement activities adhere to the Company Management Authority Manual (CMAM) and comply with Apraava Energy's policies, including our Value Framework, Responsible Procurement Policy Statement (RePPS), Supplier Code of Conduct, and Procurement Standard Operating Procedure (SOP), as applicable. To uphold compliance and maintain rigorous standards, we conduct regular internal and external audits of our processes and procedures.

We take a holistic approach to supplier relationship management, evaluating past performance, addressing current needs, and anticipating future business requirements, including technological advancements and the need for innovation. For our Tier-1 non-fuel suppliers, we conduct thorough risk assessments, leveraging supplier relationship meetings and detailed analysis of supplier risk heat maps to identify and manage critical suppliers strategically. Simultaneously, we value their insights and encourage feedback, fostering a collaborative environment that drives continuous, two-way improvement.

Process Improvement in Supply Chain Management (SCM)

AMI Project Procurement

Since entering the AMI sector last year, our procurement team has been actively driving growth in this business by ensuring a strong return on investment (RoI), enhancing risk management, and conducting thorough supplier assessments to improve quality and competitiveness. This expansion has positioned AMI as a core component of our business model and enabled us to secure multiple related projects. In addition to overseeing regular Operations & Maintenance (O&M), the procurement team has broadened its scope to integrate and effectively manage the evolving AMI portfolio.

Procurement Process Review

At Apraava Energy, we emphasise adherence to well-defined guidelines and frameworks across all plant and business operations. To ensure compliance, we have implemented structured policies and mandated their enforcement. Understanding the need for adaptability, we continuously assess the impact of these policies and make necessary revisions. In alignment with this approach, we recently reviewed and updated our Responsible Procurement Policy Statement (RePPS) based on feedback gathered from across the organisation.

Envisaging a Sustainable Future at the Supplier Meet

In December 2024, the procurement team at JPL successfully hosted its first-ever Supplier Meet, marking an important step in fostering stronger, more collaborative relationships with its supplier network. Centered around the theme "Collaboration for a Sustainable Future," the event welcomed 66 participants from 38 organisations and served as a platform to align on shared values of transparency, sustainability, and responsible growth.

The event began with an opening message from leadership, Rajiv Mishra, Managing Director, setting the tone for open dialogue and long-term partnership. Discussions throughout the day emphasised the critical role of suppliers in helping Apraava Energy achieve its strategic goals. A key focus was on ethical business conduct, where the Company's Supplier Code of Conduct was introduced, reinforcing expectations around integrity and responsible engagement.

The agenda also highlighted our ongoing initiatives in the areas of ESG and Sustainability, with representatives from the Confederation of Indian Industry (CII) offering industry insights into green procurement and emerging best practices. A dynamic panel discussion on the topic **Integrating Sustainability into Supply Chains** explored strategies for embedding sustainability across supply chains, featuring both internal experts and external industry leaders who shared practical, experience-based approaches.

An interactive feedback session titled **"Aapke Anubhav"** provided suppliers with a platform to share their experiences, offer suggestions, and express appreciation, fostering a culture of continuous improvement and mutual respect. The event concluded with a summary of key takeaways and a note of sincere gratitude for the active participation and enthusiasm of all attendees.

Apraava Energy looks forward to building on the momentum of this successful meet by organising more such collaborative engagements in the future, as it continues to strengthen supplier partnerships and work collectively toward a more sustainable and prosperous future.



Recognition: Best Green Procurement Project of the Year

Our procurement team at Jhajjar was named Joint Winner in the Best Green Procurement Project of the Year category at the prestigious 3rd Procurement Strategy India Summit & Awards 2024 in New Delhi.

This accolade highlights our solution to the corrosion issues in our FGD units. Joining forces with global specialists, the JPL team rolled out an advanced Liquid Collection System (LCS) paired with a robust Borosilicate Block Lining in the chimney's flue can. This strategic intervention managed condensate carryover and protected our infrastructure from high-temperature corrosion.

This initiative not only showcased technical ingenuity but also reinforced our commitment to environmental responsibility. By ensuring compliance with SOx emission norms, enhancing the reliability of the flue system to reduce excursions, and preventing acid leakages from critical joints, we have strengthened both operational safety and environmental sustainability. The project also reflected our collaborative procurement philosophy, where supplier relationships are nurtured through risk assessments, shared innovation, and continuous feedback. By working closely with partners, we co-develop solutions that are not only efficient but future-ready.



Panel at the CII Sustainability Summit

In September 2024, Chief Procurement Officer Sandeep Raheja represented Apraava Energy at the 19th Sustainability Summit hosted by the CII-ITC Centre of Excellence for Sustainable Development. Speaking on the panel “Building Sustainable and Resilient Value Chains,” he stressed the need to embed sustainability at every tier of the supply chain.

Sandeep highlighted that lasting change depends on active collaboration with suppliers, partners, and stakeholders, not just internal commitment. He shared how Apraava is working closely with its partners to integrate environmental and social responsibility into procurement.

He also underscored the growing need for resilient, transparent supply networks that can withstand climate change and global disruptions. Apraava’s participation reflects its commitment to driving sustainability across the broader ecosystem.



ESG Assessment of Supply Chain Partners

As part of its long-term sustainability roadmap, Apraava Energy has embarked on a structured and impactful journey toward responsible procurement through a comprehensive supplier assessment initiative. The program aims to embed Environmental, Social, and Governance (ESG) principles across its supply chain, ensuring that critical suppliers align with Apraava Energy’s commitment to sustainable and responsible business practices.

To drive this initiative, Apraava Energy partnered with the Confederation of Indian Industry (CII) to conduct ESG assessments of key suppliers across business operations. The assessment framework is meticulously designed to identify improvement opportunities while building ESG capabilities within the supply base. The process began with a detailed review of existing procurement frameworks, benchmarking them against industry best practices to refine Apraava Energy’s sustainable supply chain strategy.

A Phased and Inclusive Approach

The program covered suppliers across all business units, considering factors such as spend value, material and service procurement, and operational relevance. A structured onboarding process was initiated, with formal communications extended to Strategic suppliers. This was followed by a joint kick-off meeting involving Apraava Energy, CII, and the selected Strategic suppliers to set expectations and outline the roadmap.

To enable meaningful participation, several knowledge-sharing sessions were conducted to build supplier awareness and understanding of ESG parameters. Suppliers were then invited to share relevant data via CII’s digital platform, Eco Edge, focusing on the four critical ESG themes of Health & Safety, Human Rights, Decarbonisation, and Circularity.

In addition to primary data shared through the platform, a combination of online and offline assessments was conducted. In some cases, evaluations were also carried out using publicly available secondary data, including existing disclosures by suppliers.

Assessment, Insights, and Categorisation

Based on the evaluations, each supplier received a comprehensive ESG score out of 100, reflecting their current maturity and alignment with sustainability goals. Suppliers were then categorised into three ESG maturity levels: Emerging, Progressive, and Trailblazer.

This categorisation not only highlights current performance but also offers a pathway for continuous improvement.

The Way Forward

Each supplier shall receive a tailored ESG Gap Assessment report, outlining specific areas for enhancement, ranging from improving operational sustainability to advancing the quality and transparency of ESG disclosures.

To aid suppliers in advancing their sustainability efforts, ESG Gap Assessments will be provided to highlight key areas for improvement, both in embedding sustainable practices within their operations and in strengthening the quality of their ESG disclosures. Suppliers demonstrating notable progress shall also be acknowledged and celebrated for their achievements.