



Powering Today for a Greener Tomorrow

Annual Sustainability Report – 2024



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From the Editor's Desk

Our Shared Responsibility to Keep Earth's Weather Balanced

At SUPERGAS, we are proud of our sustainability journey and our bold commitment to creating a cleaner, safer, and greener Mother Earth. This is not just something we talk about; it's an action that began with our first carbon footprint measurement in 2012.

Over these years, we have built a culture where environmental responsibility thrives by educating various stakeholders about what truly matters. We have measured our impact and crafted a decisive blueprint for continuous improvement.

We're boldly strengthening our commitment to sustainability by implementing CSRD reporting for 2025, with dedicated resources and integrated business platforms. We've transformed our operations through our strategic partnership with Sun Source in Tuticorin, drastically cutting our Scope 2 emissions. Today, 75% of the energy powering our filling plants and terminals comes from renewable sources.

Our mission to transition customers from polluting fuels to clean LPG has delivered remarkable results: 68,910 MT of CO₂ eliminated in 2024 alone, equivalent to planting 2.1 million trees.

Technology drives our sustainability journey forward. From our Sitefit app, which ensures

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Shreekanta Parida,
VP - Marketing

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optimal installation at customer sites, to the SUPERGAS Customer Care App, digital innovation supports every aspect of our green initiatives.

Our passionate Green Ambassadors deserve special recognition, whose dedication fuels our progress toward a more sustainable future for all.

At SUPERGAS, we don't just talk about 'Advancing Energy Together'; we lead by example, taking sustainability action at home, at work and the community we live in.

Green Ambassadors



Amiya
Chatterjee



Arindam
Chakraborty



Bidyut
Mahato



Mini K. C.



Pushendra
Kumar



Shreekanta K
Parida



G. Santhosh Kumar



Venkatapathy K.

Making a Difference

People, Planet and Performance- Integral Part of our Sustainability Journey

Dear Colleagues,

It gives me immense pleasure to share my note on the multi-pronged progress made by SUPERGAS India in its Sustainability Journey. The present-day definition of Sustainability goes beyond reducing emissions and protecting the environment. Though the environment remains one of the most critical parts of the sustainability journey, there are also many other important elements, such as social responsibility, economic viability, and ethical business practices.

With Health and Safety, we have been free from lost time incident (LTI) since June 2024, and we just celebrated 365 days without any LTI. We have taken a leap in transport safety by inaugurating Transport Operations Centre by Patrick & Steven in presence of global leadership team in Hyderabad office. We are fast moving towards an H&S culture that is internally motivated. In addition, our statutory compliance is always at a good level with no violation reported for the year 2024.

Talking about emissions we further reduced our scope 1 and scope 2 emissions.

In fact, we have reached a level where 75% of our electricity usage at filling plants and LPG import terminals is green electricity. We could achieve this through installing multiple small and captive roof top Solar at filling plants, having open access solar electricity for Tuticorin Terminal through group company SunSource and buying some units from Indian energy exchange platform. All these not only helped in reducing our CO₂ footprint in a big

way but also reduced our electricity cost. Talking about gender diversity, from only 6%-woman colleagues among white collar colleagues couple of years ago, today we have reached at 14% level. We aspire to take this to the 25% level by 2030.

Our various initiatives on digitisation and customer experience helped us stay on a growth path and become a leader among LPG companies. I am also proud that we could create a very open, connected, diversified, and inclusive culture across the country, where every colleague is free to share his/her ideas, suggestions, and concerns in a psychologically safe atmosphere. More recently, SHV's CSRD regime will also strengthen our sustainability institution and reporting.

It will be appropriate to mention some challenges as well. We do not have a practical solution in India as of now for our third-party 600 LPG-carrying bulk and cylinder trucks running on fossil liquid fuels. We look forward to any support and ideation in this area. Regarding gender diversity among blue-collar operators at filling plants and terminals, not many options are in sight as of now. However, we will continue to work around these challenges.

I congratulate all my SUPERGAS colleagues on their success in this journey. Special thanks to Steven, Esther, and Patrick, SHV Energy Management Board Members & team for their support and guidance.

“



Ajay Sanghi,
Chief Executive Officer

I am also proud that we could create a very open, connected, diversified, and inclusive culture across the country, where every colleague is free to share his/her ideas, suggestions, and concerns in a psychologically safe atmosphere.



SHV Energy remains focused on reducing carbon emissions while working on a roadmap for the coming years

SHV Energy is preparing for the full disclosure of the Environmental topics under the European Union's Corporate Sustainability Reporting Directive (CSRD). It will help the organisation in a structured way to publish our ESG (Environmental, Social and Governance) efforts and goals, which can be compared to peers within the industry.

In 2024, the company worked on developing a roadmap for lowering our GHG emissions based on the Transition Pathway Initiative (TPI). Meanwhile, the unified reduction strategy for our scope 1 and 2 emissions has resulted in a 9% reduction (vs. 2022) across all our Business Units (BUs). The main reason for the decrease was within our transport operations by using alternative fuels, and particularly the usage of Hydrotreated Vegetable Oil (HVO) by several BUs. In other BUs, solar energy usage is getting an uplift, whereby SUPERGAS is positively contributing and lowering their scope 2 emissions by actively installing PVs on their premises.

Within the Environmental topic, SHV Energy is not only limiting its horizons to climate change-related topics. The team has been developing an elaborate strategy for the topic: Circular economy, including a three-year roadmap outline to accelerate our process on resource circularity.

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Vica Reout,
Environmental Reporting
Officer, SHVE

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Leading with Purpose

The 2024 SHV Energy Sustainability Report marks a pivotal moment in our journey toward a more sustainable future. It reflects not only our continued commitment to reducing carbon emissions but also a maturing approach to embedding sustainability across all facets of our business.



Steven Sels,
SHVE Management Board
Member

What began as a compliance-driven effort has become a strategic imperative. I've witnessed firsthand how sustainability is now influencing investment decisions, talent attraction, and customer loyalty. It's no longer a side conversation.

Carbon Reduction Ambition

While our Scope 1 and 2 emissions reduction targets remain foundational, 2024 saw SHV Energy deepen its ambition. Although sector-specific guidance is still pending, we are proactively shaping our decarbonization roadmap.

This signals a shift from compliance to leadership, with a growing focus on Scope 3 emissions and supply chain engagement. Let's also not forget the role that we play as a provider of a transitional fuel, supporting customers to shift from more polluting fuels to cleaner LPG, especially in emerging and developing markets.

Readiness for ESG Reporting and SUPERGAS Expectations

Our preparation for the Corporate Sustainability Reporting Directive (CSRD) is well underway. The Double Materiality Assessment (DMA) has helped us identify nine material topics, and we are embedding ESG data and processes across the organization. For SUPERGAS, this means not only aligning with group-wide metrics but also contributing local insights and initiatives that reflect the unique challenges and opportunities in India. The expectation is clear: SUPERGAS must be both compliant and catalytic.

Several Business Units have demonstrated inspiring leadership. Supergasbras in Brazil ensured uninterrupted LPG supply during the Rio Grande do Sul floods, supporting community kitchens and emergency response teams. GASPOL in Poland mirrored this during severe flooding, showcasing how operational resilience and social responsibility can go hand in hand. These examples are not just commendable—they are replicable. The report also showcases how innovation is being scaled. From the circular economy roadmap to the reuse of steel in cylinders and the recyclability of solar panels, we are seeing pilot projects evolve into operational standards. The integration of cybersecurity and ethics into our sustainability narrative further reflects a holistic ESG mindset.

Personal Reflection on Our Sustainability Journey

From my vantage point, the evolution has been profound. What began as a compliance-driven effort has become a strategic imperative. I've witnessed firsthand how sustainability is now influencing investment decisions, talent attraction, and customer loyalty. It's no longer a side conversation—it's central to how we define success. Sustainability is not just important to SHV Energy—it is existential. As a global off-grid energy provider, we have a responsibility to lead the energy transition in a way that is inclusive, resilient, and enduring. This report is a testament to our progress, but also a reminder of the work ahead.



Championing Energy Transition

We don't just sell LPG; we LEAD the energy revolution, transforming industries by replacing polluting fuels with superior, environmentally responsible, innovative LPG solutions.

This isn't just business; this is our commitment to a sustainable vision that powers businesses while safeguarding our planet.

Our impact speaks volumes. In 2024 alone, our LPG conversion customers slashed CO₂ emissions by 68,910 metric tons, equivalent to planting 2.1 million trees! These aren't just numbers; they're proof of our environmental leadership.

Climate change demands actions, results, and choices that deliver actual results. Every customer conversation is an opportunity to fight climate change, improve air quality, and promote responsible energy use.

We create positive change across industries and communities when we demonstrate the benefits of switching to SR-Grade LPG.

The SUPERGAS sales team is dedicated to building a greener tomorrow. Together, we are shaping a future where business and the environment thrive.

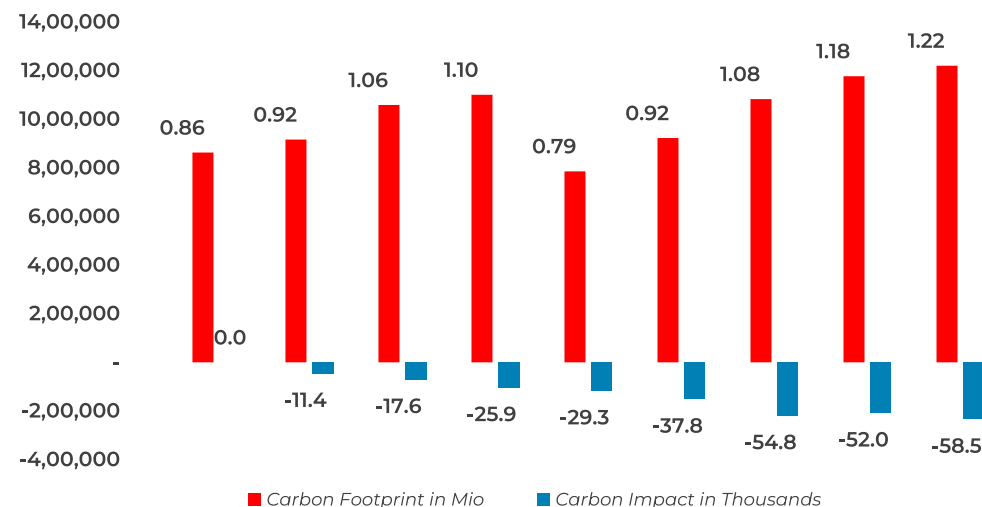
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**Pushpendra Kumar,
Sr SM – Industrial**

The SUPERGAS sales team is dedicated to building a greener tomorrow. Together, we are shaping a future where business and the environment thrive.

Our Carbon Footprint



Carbon Impact – The carbon impact is the reduction in carbon footprint for various initiatives taken. For example, conversion from Liquid fuels to LPG, use of HLV over Electrical Vapouriser etc.

Our Bold Move to 92% Green Energy at Tuticorin Terminal



Effective June 2024, we've decisively transformed our Tuticorin Terminal's energy profile by integrating 4MW of solar power from Sun Source Energy's Kavanur Group Captive Solar Plant. This strategic initiative now fulfils 70% of our terminal's daily energy requirements, delivering substantial cost benefits.

Through focused procurement via the Indian Energy Exchange, we've secured an additional 22% green energy, bringing our total renewable energy utilization to an impressive 92%. These deliberate actions have eliminated 6379MT of carbon emissions from our operations.

This demonstrates our unwavering commitment to environmental responsibility in action. We will continue to lead by example in our industry's transition to sustainable energy solutions.

Rewriting Carbon Story

Global Sustainability Standards: Triumph with Schaeffler India

When global manufacturing giant Schaeffler India Limited challenged their suppliers to meet rigorous European sustainability standards, SUPERGAS didn't just comply, we excelled.

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**Amiya Chatterjee,
Sr. Manager Purchase**

Despite this being our first encounter with such exacting international standards, our cross-functional teams rallied together with determination.

Schaeffler, a leading bearing manufacturer with whom we partner at their Bangalore and Vadodara locations, entrusted us with their critical LPG supply. They enlisted an EU-based third-party agency to evaluate our sustainability credentials through an extensive Supplier Assessment Questionnaire (SAQ). This comprehensive evaluation, spanning six sections and 50 detailed questions—demanded substantial documentary evidence across our entire organization, from HR to Procurement to Operations.

Despite this being our first encounter with such exacting international standards, our cross-functional teams rallied together with determination. Through strategic coordination with stakeholders & disciplined documentation improvements, we didn't just meet the threshold, we excelled with an impressive 70%+ score that earned Schaeffler's highest commendation.

This achievement solidifies our position as their preferred supplier and reinforces what we've always known: SUPERGAS is built for the future of business. We've proactively calibrated our operations and documentation processes to ensure we remain the supplier of choice for forward-thinking global enterprises that demand the highest standards.



The Green Energy Revolution

SHV's green vision fuelled SUPERGAS Operations to integrate sustainability throughout 2024. By enhancing renewable energy, green transportation, and eco-friendly logistics, we reduced emissions while boosting efficiency.

Expanded our renewable footprint with new 20 kW rooftop solar installations at two sites and 20 kW upgrades at Kolar and Bavla filling plant. These improvements replaced 1.8 million kWh of grid electricity with solar, reducing CO₂ emissions by 900 metric tons yearly.

Renewables now power 65% of our operations, advancing our clean energy transition.

By Arindam Chakraborty

Greener Wheels: Our Sustainable Commute Journey

Our transportation decarbonization efforts expanded in 2024, with four new locations adopting CNG vehicles and three switching to EVs for conveyance of our people to filling plants and terminals. Currently, 8 sites operate CNG, and 3 sites use EV pool cars. This modernized fleet, covering 654,000 km yearly, now emits 96 metric tons of CO₂ annually, a 20% reduction from the projected 120 tons. These results demonstrate the significant environmental impact of implementing cleaner mobility solutions across our operations.

Decarbonizing Logistics – Integration of CNG Trucks

Our logistics sustainability efforts took a further step with 12 CNG trucks joining our 237 count of diesel fleet. In 2024, while covering 9.98 million kilometres, our diesel vehicles produced 3,395.35 metric tons of CO₂, but CNG vehicles emitted just 105.21 metric tons over 335,501 km.

This prevented 12.75 metric tons of emissions, equivalent to 15 acres of forest carbon capture. Currently at 4.8% of our fleet, CNG vehicles will reach 20% by 2028, supporting our sustainability goals.

Safety Excellence with Digital Incident Reporting

At SUPERGAS, we don't just report workplace incidents; we leverage them to drive a culture of health and safety, prevent future occurrences, and ensure unwavering regulatory compliance. We understand that meticulous incident reporting is fundamental to identifying risks and proactively eliminating them.

That's why SUPERGAS has implemented a digital incident reporting platform that ensures swift & efficient reporting of incidents, near-misses, and safety observations, triggering immediate responses and thorough investigations. These automated workflows drive immediate accountability, with real-time tracking that keeps everyone informed and engaged.

We've eliminated paper-based inefficiencies and human error, replacing them with a powerful centralized system that delivers critical safety information instantly when needed.

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S. Maheswaran,
GM – Health & Safety

This bold approach empowers our team members to speak up without hesitation, knowing their vigilance drives our continuous improvement.

The results speak for themselves: faster response times, enhanced transparency, and a workforce dedicated to safety excellence.

This isn't just digital transformation, it is safety leadership redefined.

Procurement Excellence: Leading Corporate Sustainability

Our Procurement Team isn't just negotiating better deals, we're pioneering a greener future through bold, measurable actions:

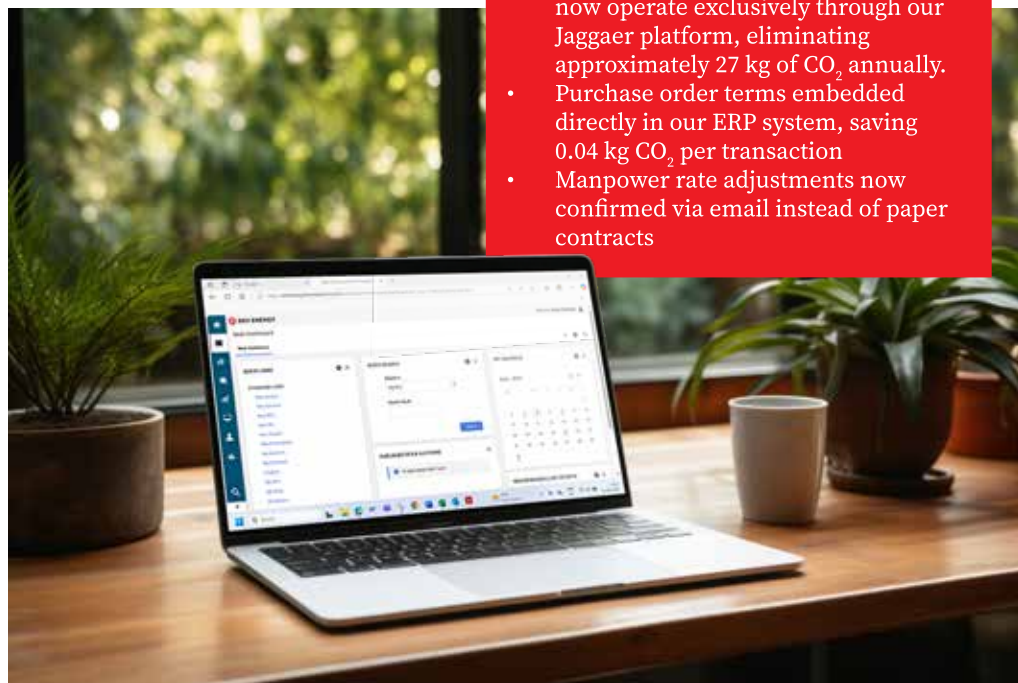
Slashing Travel Emissions

We are conducting majority of our supplier meetings via online mode, significantly reducing carbon emissions without compromising on the quality of discussion or relationship.

Raising Industry Standards by actively engaging suppliers in sustainability discussions and preparing to incorporate sustainability maturity into our selection criteria for critical partnerships.

Digitizing Our Documentation Pipeline through multiple high-impact initiatives:

- All major tenders above ₹1 million now operate exclusively through our Jaggaer platform, eliminating approximately 27 kg of CO₂ annually.
- Purchase order terms embedded directly in our ERP system, saving 0.04 kg CO₂ per transaction
- Manpower rate adjustments now confirmed via email instead of paper contracts



Our Paperless Transformation Journey

“Digital sustainability is not a one-time effort; it is a continuous process of improving and optimizing for efficiency.”

Our digitalization journey began in 2021-22 with SharePoint adoption, transitioning Customer Service and Project activities from offline to online form submissions and approvals.



The result: saving 8,600 paper pieces (43 kg) in 2023 alone.



SUPERGAS CARE
Your trusted LPG partner in a click!

Introduction of SUPERGAS Care app, created a comprehensive digital workflow. The deployment of tablets to frontline teams completed our transition to fully digital forms, amplifying our impact significantly. In 2024, we saved 17,600 paper pieces (88 kg), doubling our previous year's conservation efforts.

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Bidyut Mahato,
Manager Technical

These achievements demonstrate more than environmental responsibility; they showcase our commitment to continuous process improvement.

Our Footprint, Our Future

We're proud to share these stories of our people making sustainable choices every day at home. These stories show how we can change our lifestyles and create a better world for generations to come.

Our Home, Our Planet: Small Changes, Meaningful Impact

Our family recently deepened our environmental commitment, to create a home that nurtures both our loved ones and our planet. The journey began by replacing plastic pots with ceramic alternatives, a small change with profound impact. These beautiful, durable vessels now cradle life throughout our home. Within them flourish money plants, Chinese bamboo, aloe vera, CeeCee, and snake plants, purifying our air with every breath they take.



Harikrishna Devadasan,
Sr. SM - Retail

I personally hand over a plant sapling during each customer's commissioning ceremony. This small green gift represents our commitment to sustainability and growth together.



Santhosh James,
SM - Industrial

Journey Toward a Gentler Footprint

Every reusable zipper bag I carry to the local market represents a promise to our planet. My heart ached learning that meat production generates 15% of global greenhouse emissions. For the love of animals and our Earth, I've embraced a meat-free life for 2 years now. My mother's beautiful sarees find new life as my festival wear, a celebration of heritage and love. They're expressions of love for a world that needs our mindfulness.



Swetha Tamatapu,
Executive - Marketing

Our Family's Sustainability Promise

Our family has embraced simple yet meaningful changes that honor both our planet and future generations. We've switched to bucket baths to preserve precious water and adopted plant-based cleaning products that nourish rather than harm our soil. Our refillable water bottles travel everywhere with us, a small stand against the ocean of plastic waste. We've also embraced public transport during vacations, and thoughtful purchasing to reduce our footprint. The journey continues as we look toward reducing air travel and transitioning to electric mobility. These are small acts of love for our shared home and all who will call it home tomorrow.



Jai Jariwala,
Executive - Purchase

Beyond the Basics

The 7 Rs of Sustainability

Ever heard of the 3R's? Well, sustainability has levelled up! Meet the expanded 7 R's that can transform your eco-habits.



Rethink your needs before buying. Refuse what you don't actually need. Reduce consumption of resources. Reuse items instead of tossing them. Repair before replacing. Recycle what can't be saved. Regift unwanted items to others who can use them. Simple shifts in our daily choices create ripple effects of positive change for our planet!

Turn Daily Habits into Climate Action with Giki Zero

Giki Zero helps transform your daily routine into meaningful steps toward carbon neutrality. This app serves up personalized, bite-sized challenges you can tackle between breakfast and bedtime. From switching to soap bars instead of plastic bottles to optimizing your commute, Giki makes sustainability feel achievable rather than overwhelming. The app tracks your progress with a motivating score system. If you wish to turn your good intentions into real-world carbon reductions scan and sign-up. Watch your impact grow as small habits become powerful change.



Editorial Team

Amiya Chatterjee

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This report reflects our progress, but our commitment extends far beyond these pages.
We will continue to push boundaries, innovate, and collaborate to achieve our sustainability goals.