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SUPERGAS

Nurture the Nature; Our Planet Deserves Better
Annual Sustainability Report-2023





From the Editor's Desk	01
About Sustainability	02
Santanu Guha	02
Steven Sels	03
Rebecca Groen	04
Frank Rietdijk	05-06
Ajay Sanghi	07-08
Rewriting the Carbon Story	09
Planet-Positive Perspectives	10
SUPERGreen Stories	11-12
Eco - Innovation & Impact	13
Events	14

From the Editor's Desk

Green Ambassadors
are passionate to contribute

Socio-economic development needs reflection and rejig in terms of critical parameters of planet, people, and performance.

All of us have experienced some adverse impact due to the trade-off between sustainability, cost and growth/development. Any business entity is not an exception to it. The Green Ambassadors team at SUPERGAS are happy to share various initiatives on Sustainability ranging from culture building to strategic activities.

As you go through this report, you would know about many activities, inspiring feedback and testimonials.

Awareness and culture building would continue across stakeholders to build a sustainable earth and we stand committed to it.



- SHREEKANTA K PARIDA
VP - MARKETING

Green Ambassadors



Amiya
Chatterjee



Arindam
Chakraborty



Bidyut
Mahato



Mini K. C.



Naresh BP



Pushpendra Kumar



Shreekanta K
Parida



Swapnil Kotrange



Varun Karthik



Venkatapathy K.

About Sustainability

Each contribution, idea, and
initiative accelerate our pursuit of
sustainability and societal impact.

SUPERGAS has been at the forefront of sustainable energy solutions, profoundly resonating with the purpose statement 'For Our People; For Our Planet; For Our Performance'. Fostering our people's welfare, advocating for the environment, and organisational performance powers our success. With ambitious health and safety goals, and carbon footprint reduction, we have been creating a responsible ecosystem. We have set a strong momentum in our Purpose journey and stand poised to elevate this ambition even further.

In 2023, we enacted proactive health and safety measures such as driver restrooms to mitigate journey fatigue, asbestos roof replacements at filling plants, processes to reduce manual handling, cordoning slip and fall risks, and rolling out a 4-wheeler scheme for our Sales and Technical team.

With ambitious initiatives marked on our timeline, we are confidently striding towards the fulfilment of

these targets, poised to redefine standards by 2025. Regardless of scale, these proactive steps signify our collective efforts and commitment to fostering a safer and healthier work-space.

I would like to thank our green ambassadors and team members from various functions for being catalysts and fueling our purpose.



- SANTANU GUHA
CEO, SUPERGAS



You can contribute a lot as an individual or a team!

2023 was a year of advancement towards our CO₂ reduction goal. The frequency and severity of extreme weather events continue to increase, and, in turn, so does the pressure on businesses to act. At SHV Energy, we are ramping up several large-scale initiatives.

For example, we secured land for the first rDME plant in the UK and began to design it, with more plants in the pipeline. We also further developed our vision for SunSource Energy, our group company and have approved plans to develop the company from 150 MW to 500 MW next year.

SHV Energy's biggest sustainability impact remains the CO₂ emissions of our customers, based on their use of our products. We have an important opportunity to help accelerate the vital transition to clean-burning fuel, as well as to contribute to the safety, efficiency, and professionalism of the wider liquefied petroleum gas (LPG) industry.

At the same time, we are creating stable employment for many people,

contributing to our aspirational goal of employee & community development.

However, we also need to look at the footprint coming from our own operations. Increased efficiency in our business processes not only lowers costs but also translates to reduced Scope 1 & 2 emissions, which remains a priority area for us in years to come.

As a family-owned company, we are uniquely positioned to plan for the long term. In 2024 & beyond, we will continue Advancing Energy Together and progressing towards our sustainable business strategy, including reducing our CO₂ emissions, with continued motivation and focus. Therefore, I encourage all of you to share your big and small ideas to improve our business's sustainability.



- STEVEN SELS
MANAGEMENT BOARD MEMBER,
SHV ENERGY



We are 'All-In' for a Sustainable Future

At SHV Energy we are driven by our purpose 'Courage to care' for generations to come. We have been working on sustainable fuels in Europe since 2018 when we launched bioLPG, also known as renewable propane and butane. Over the last few years, we have expanded our sustainable fuels strategy by developing a growing portfolio of enabling activities and collaborations including several exciting research programmes at Universities and Institutes in India.

To further accelerate these efforts, in 2023 we established a new Business Unit called Futuria Fuels www.futuriafuels.com which I have the privilege of leading as CEO. The mission of Futuria Fuels is to supply renewable liquid gas to our global business units and their customers by innovating on-purpose production of sustainable fuels, leading in global advocacy, and developing relevant collaborations, partnerships and investments.

Through our many recent trips to India, we believe that there is huge opportunity to develop and scale up renewable liquid gases (such as bioLPG and rDME) in India which will ultimately reduce the dependency on imported fuels. We are inspired by India's World leading ethanol programme (E10) and consider that a similar initiative such as R10 where 10% blend of locally produced rDME is blended with LPG could result in many benefits including the creation of rural jobs, reduction of waste and residues, further improvement of air quality, reduction in reliance on important fuels and a reduction in carbon emissions.

India is estimated to have significant volumes of agricultural residues and MSW (municipal solid waste) and together with India's excellent engineering capability and strong investment interest, this makes a compelling opportunity. We are delighted to have expanded our global Futuria Fuels team with a new Project Director for India who will be based in Hyderabad to help us to further explore these opportunities. We can't wait to move with you all onto the next phase.



- REBECCA GROEN,
CEO, FUTURIA FUELS





**Meaningful impact starts by
collaborating and bringing the
right people together**

In recent years, the global regulatory response to the climate crisis has strengthened significantly

Since 2015, which marked the adoption of the Paris Agreement on climate change and the UN 2030 Agenda for Sustainable Development, governments have made significant progress in preparing for the transition to a more sustainable world.

This progress includes new regulations and legislation which will impact businesses all over the world by legally requiring them to report on their climate change mitigation efforts. For example, the European Union's Corporate Sustainability Reporting Directive (CSRD) is set to change the European sustainability report landscape significantly. SHV Energy is continuously lowering its CO₂ emissions year upon year, but we have taken this further by aligning with the Paris Agreement, compatible with limiting global warming to 1.5 Celsius degrees. This alignment is a requirement under the upcoming Corporate Sustainability Reporting Directive (CSRD).

With the CSRD, we know how ambitious we need to be, and we have the years between now and 2026 when CSRD is enforced to understand what's expected from us. A compounding factor to our CO₂ reduction efforts is that climate change is already happening, challenging our ability as an organisation to adapt to external circumstances: in 2023, Tuticorin has experienced rainfall of 92 cm (highest over last 30 years) resulting in a major water reservoir breach and floods. This led to a critical situation, which was well managed by the SUPERGAS team.

I'm happy to say that we have a dedicated sustainability working group Green Ambassadors in SUPERGAS.



**- FRANK RIETDIJK
GROUP SUSTAINABILITY MANAGER,
SHV ENERGY**

Opportunity and a step forward

At SUPERGAS, we are steadfast in our conviction that a well-executed sustainability initiatives do far more than merely diminishing the carbon burden on Mother Earth; they also drive us towards cost-efficient production. We see this not only as an opportunity but as an essential step towards a greener, economically viable future.

In the span of just four short years, several of our sustainability endeavours at our filling plants and terminal facilities have begun delivering remarkable returns. We've made significant strides in environmental care by signing a 4MW purchase agreement with SunSource Energy, our group company. This agreement, set to be commissioned starting March 2024, to fuel our recently expanded Tuticorin terminal elevating our use of solar energy to 63% of our overall consumption. By taking measures like using HDPE

Floating tiles for our Open Fire Water Tanks at filling plants, we've succeeded in securing a colossal water saving of up to 15 million litres per annum.

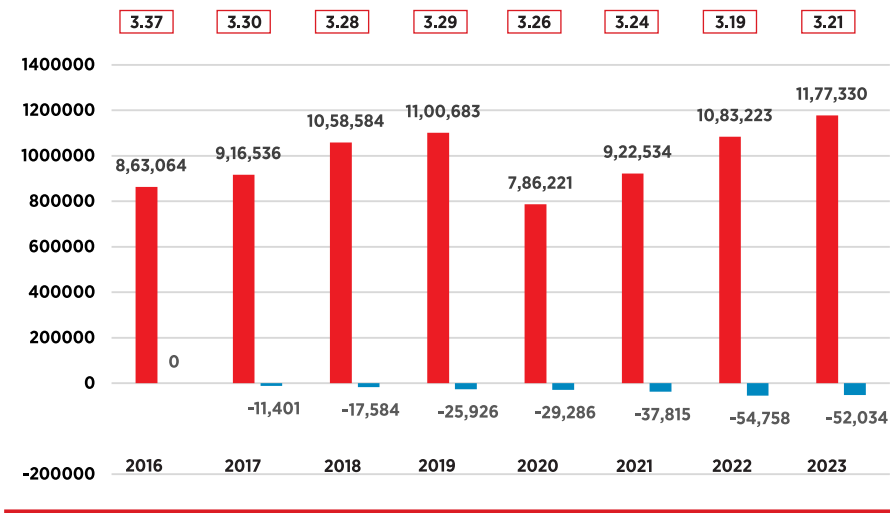
Embracing our unwavering commitment to resource efficiency and preservation, we have established a goal to convert all remaining asbestos roofs to PPGI sheets, thereby achieving full asbestos-free status by 2025. We are relentlessly pursuing this target, confident that each milestone reinforces and solidifies our dedication to environmental responsibility.



- **AJAY SANGHI,**
DIRECTOR, OPERATIONS

Our Carbon Footprint

Net Carbon Intensity



■ Carbon FootPrint (CO₂)
■ Carbon Impact (CO₂)

Carbon Impact:
The carbon impact is the reduction in Carbon Footprint for various initiatives taken.
For example, conversion from Liquid fuel to LPG and, similarly, use of HLV instead of Electrical vapouriser.

Net Carbon Intensity:
The netting of carbon impact from the Carbon Footprint is the Net Carbon Footprint.
The Net Carbon Footprint per tonne of LPG sold is called the Net Carbon Intensity.

Our initiatives serve as a testament to how innovation can translate into resource conservation on a significant scale.

Rewriting the Carbon Story

In 2023, by embracing LPG as their preferred operational fuel, our customers have made a significant contribution; first by changing their fuel to LPG and then enjoying the benefit of lower carbon footprint, demonstrating their commitment to environmental sustainability.



» We are thrilled to share the exciting news that we have successfully converted one of our applications POT FURNACE for manufacturing of Red Lead from Furnace Oil to LPG. This transition not only signifies a commitment to cleaner energy but also marks a significant milestone in our environmental responsibility.

Through this conversion, we hope to save an impressive 1324 MT of carbon footprint over 5 years, contributing to a greener and more sustainable future. The operational benefits, coupled with the support provided by the dedicated SUPERGAS team, have made this transition seamless and efficient. It's truly heartening to see our organization take a proactive step towards environmental conservation. Let's take pride in the positive impact we are making by embracing a clean fuel and collectively contributing to a cleaner, healthier planet.

Thank you to everyone involved in this initiative, and let's continue our journey towards a more sustainable and eco-friendly future.«

- SURESH KUMAR MAHESWARI,
MANAGING DIRECTOR, LEADSTONE ENERGY LIMITED

A Bountiful Tree for You!



- UDAY GANGAMALLU,
EXECUTIVE, ADMIN

We are dedicated to fostering environmental sustainability by celebrating every employee's birthday in a unique and meaningful way. Through our partnership with growtrees.com, we plant a tree for each employee in the Sundarbans National Park, West Bengal, India.

This ongoing initiative not only helps combat climate change but also creates awareness among our employees and employment opportunities for local communities.

You too can add to the combat of fighting the climate change by planting your own tree!



Workplace sustainability is a team effort – every person, every action contributes to a greener future.

- BHARGAV K,
OPERATOR, KOLAR FP



Every sustainable choice in office or home is a gift to our planet and for a brighter tomorrow

- SUMIT BHOGAYTA,
OPERATOR, PORBANDAR TML.



Sustainability isn't just a concept, it's our responsibility. A green choice today is a lifeline for our planet & a healthier future for all.

- TUSHAR CHAUHAN,
OPERATOR, PORBANDAR TML.



Our little steps towards sustainability today will ensure a healthier tomorrow for our kids.

- PANDI DURAI A,
OPERATOR, TUTICORIN TML.



SUPERGreen Stories



In 2023, through collective effort, our Operations team advanced sustainable practices with transformative initiatives. Three new in-house solar power plants increased our capacity from 352 kW to 512 kW, enabling 43% of our filling plants' power source to be solar, with plans of adding an extra 150 kW by 2025.

The Non-Gas TITO process improved transparency, optimized material management and conserved 50 kg of paper yearly. Additionally, Project Marvel trimmed 3% off the distance travelled by the secondary distribution truck. We also rolled out three CNG trucks, a move aimed at lowering our Scope 3 emissions.

Our future projects include additional green power purchases, CNG/Electric mobility for filling stations, and energy audits at Tuticorin with the help of our group company EM3, enhancing our efforts towards sustainability.

- VARUN KARTHIK,
SENIOR EXECUTIVE, LOGISTICS



- AMIYA CHATTERJEE,
SENIOR MANAGER, PURCHASE

Guided by our goal “25by2025”, in 2023, the Procurement Team initiated numerous sustainability measures. In alignment with our Business Digital Strategy, we shifted high-value contract tendering to online RFQs and auctions, which significantly decreased our annual carbon footprint by approximately 50 tons.

Harnessing our procurement portal, Jaggaer, over 100 suppliers were onboarded, accepting our Code of Conduct, and committing to safety, sustainability, and compliance. Furthermore, the introduction of a Contractor Evaluation tool boosted our adherence to core principles.

The Procurement Team also facilitated the installation of solar power systems in plants and terminals and supported in replacing diesel with CNG in our fleet, marking another critical step on our path of environmental responsibility.

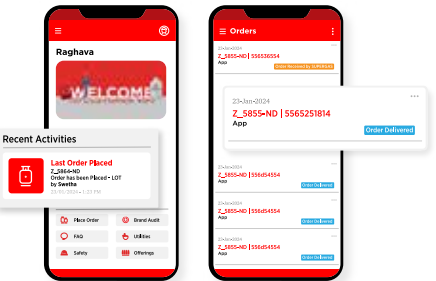


- PANDIARAJ S,
EXE. TRAINEE, INNOVATION

Sustainability is not just a goal, it's a journey fuelled by innovation, where digitization becomes a building block for a better, greener tomorrow.

SUPERGAS Care, our mobile app (& portal too) streamlines customer interactions, enhancing experiences while reducing our environmental impact by minimizing traditional paper usage. SUPERGAS Care offers significant benefits to all direct (Industrial and Franchisee) customers: reducing multiple interaction, improved activity tracking, transparent complaint management system & paper savings via form digitization.

Industrial customers are live now and soon Franchisee section would be made live.





In 2022, SHV Energy addressed a sustainability challenge by collaborating with IM Efficiency and Hyet Solar, two innovative Dutch startups, as part of their Open Innovation Challenge. They tested a unique solution to cut fuel use by fitting ADR vehicles with solar technology. In this intriguing pilot project with Liquigas, they powered 24v electrical system of a truck by a 0.6kWp flexible solar array.

Astonishingly, this led to up to 12% fuel savings when the truck was idling & up to 6% whilst driving, promising significant strides towards eco-friendly transportation.

Following the results, the team now plans to scale up, purchasing and installing three more kits for Liquigas and developing a high-voltage variant for further testing.

World Sustainable Energy Day

Our Green Ambassadors marked World Sustainability Day, 27th Feb, by conducting an insightful quiz. Garnering enthusiastic participation from 112 employees, it is marked as the first sustainability event of 2023.



Special cheers for our three quiz champions, who outshone with their eco- knowledge. This event stood-out as a momentum to our ongoing sustainability efforts for the year.

World Earth Day

On World Earth Day, 22nd April, our Green Ambassadors hosted a photobooth contest, perfectly aligned with the year's theme: Invest In Our Planet. Our values PLANET, PEOPLE, and PERFORMANCE—resonated in activities crafted to nurture nature. From tree plantings to repurposing waste diverse activities flourished the eco-spirit of the employees.

The commitment was captured in snapshots at our Earth-themed photobooth, reflecting our collective drive towards a sustainable future. With each click we have celebrated our dedication to making green choices every day.



World Environment Day

On World Environment Day, 5th June, we enriched our sustainability perspective through enlightening talks. Guest Speakers Mr. Roshan Miranda (Founder of Bintix) and Ms. Shreya Aneja (Design Consultant at Nostos Homes) shared their eco-journey, inspiring us with their success stories. Adding to that, Frank Rietdijk, Group Sustainability Manager at SHV Energy, shed light on SHV Energy's sustainable vision. This day of learning strengthened our commitment and broadened our understanding of environmental initiatives.



Editorial Team

Sustainability Head
Shreekanta K Parida

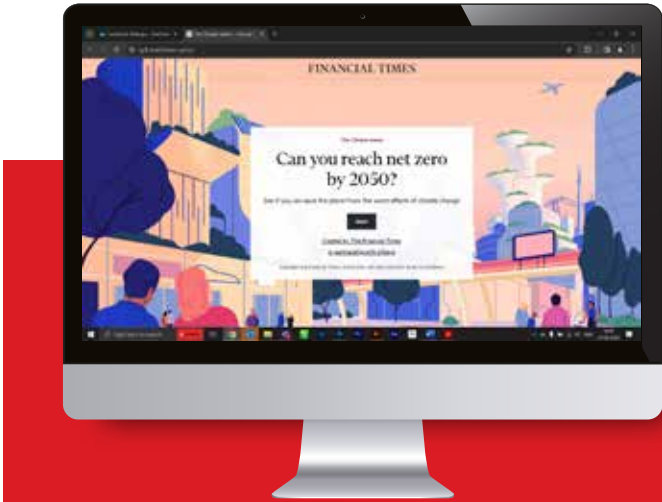
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Clicked by - Raghava Katta



TRY IT OUT



Scan or Click on QR Code to Participate Now

Could you reach net-zero by 2050 as an individual? Find out by participating in this engaging quiz by Financial Times in partnership with Infosys!

Grasp a deeper understanding of your carbon footprint from everyday activities while discovering areas for improvement.

Don't miss this chance to learn and adapt your lifestyle, making a positive impact on our planet. Share your results with us and get featured!

Together, we can work towards a more sustainable future for all!



- **SWETHA TAMATAPU, EXECUTIVE MARKETING**



Sustainability is not just a hashtag, it's our promise for the generations to come.