

**It's our planet. Our home. And our window is open.
Focussing on sustainable & innovative products,
that deliver the welcome change for our future!**

Annual Sustainability Report-2022





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From the editor's desk

As we all keep
our journey of a kite runner
aiming to rise high

We reflect to mirror ourselves with the bigger organisation purpose of blending people, planet, and profit for “Courage to care for generations to come”. Are we doing enough for the planet through our working space, or can we build a culture keeping Sustainability & people at its core??

This Annual Sustainability Report-2022 is a small step towards it, highlighting our activities, how we connect the dots of people’s contribution towards Innovation, Sustainability, Digitalisation, the Impact stories, Community development and striving ahead towards the bigger goal of 25by2025.

Congratulations to the Green Ambassadors of SUPERGAS for working together with a structured plan and action. Together we would carry on this care and love for our mother earth and the eco-system. Let’s keep pushing ourselves to rise higher for this noble ambition.



- SHREEKANTA PARIDA
VP - MARKETING

About Sustainability

Last year I mentioned in the
sustainability report that we, as a
family-owned company,

contribute to making greener, cleaner energy options accessible and affordable for many customers.

This does not compromise our health and safety standards or negatively impact the environment. That is still very true and more valid than ever with all the global disruptions and challenges we face. In India, we do this through the supply of LPG, a cleaner alternative to many other products like oil, coal, kerosene, or wood. In many other countries, the energy transition is already in the next phase; we also do this through bio-propane supply. Next, we also started our engagement in the renewables space with the acquisitions of Sun Source in India and EM3 in Ireland. However, next to the supply of these products, we also have other battles to win. Firms around the globe are shifting their focus on Sustainability from talk to action. Up to now, we have focused a lot on creating an impact on our customers with the supply of cleaner products, as such, reducing the emissions of our customers. But we also should focus more and more on our own emissions. As you might know, Emissions are split into three categories: scope 1, scope 2 and scope 3 emissions.



- STEVEN SELS,
MANAGEMENT BOARD MEMBER,
SHV ENERGY

SCOPE 1

Direct emissions from
owned or controlled
sources.

Examples - owned plants & vehicle
emissions



SCOPE 2

Indirect emissions from the
generation of purchased
electricity, steam, heating,
and cooling consumed by
the reporting company



SCOPE 3

Includes all other indirect
emissions in a company's
value chain.

Examples - shipping & distribution



Whereas I do know that SUPERGAS already has a lot of initiatives up and running, like the floating tiles in the water reservoirs at the filling plants or rooftop solar installations at different locations, I do encourage all of you again this year to think a bit more on what we as a company or you as an individual contributor or team can contribute on reducing our own footprint on top of all the efforts we have in reducing the impact of our customers.

Let me finish with a powerful quote from former US President Obama:
“We are the first generation to feel the effect of climate change and the last generation who can do something about it.”



Sustainability is the ability to exist & develop without depleting natural resources for the future.

The United Nations defined sustainable development as development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

There are three pillars of Sustainability – economic viability, environmental protection, and social equity.

Economic viability is about efficiency and caring for our long-term performance. This, most of the time directly or indirectly impacts environmental protection, and hence it is important

to measure and set goals which are long-term and short-term keeping Sustainability in mind. Social equity is ensuring we keep people in mind in whatever we do.

This year in SUPERGAS, we plan to define functional goals for Sustainability and direct our efforts to measure and monitor our progress better and even more. We can create a sustainable mindset in our people through our Sustainability ambassadors (also known as Green Ambassadors) duly supported by the HR team. Wishing the team the best in our journey.



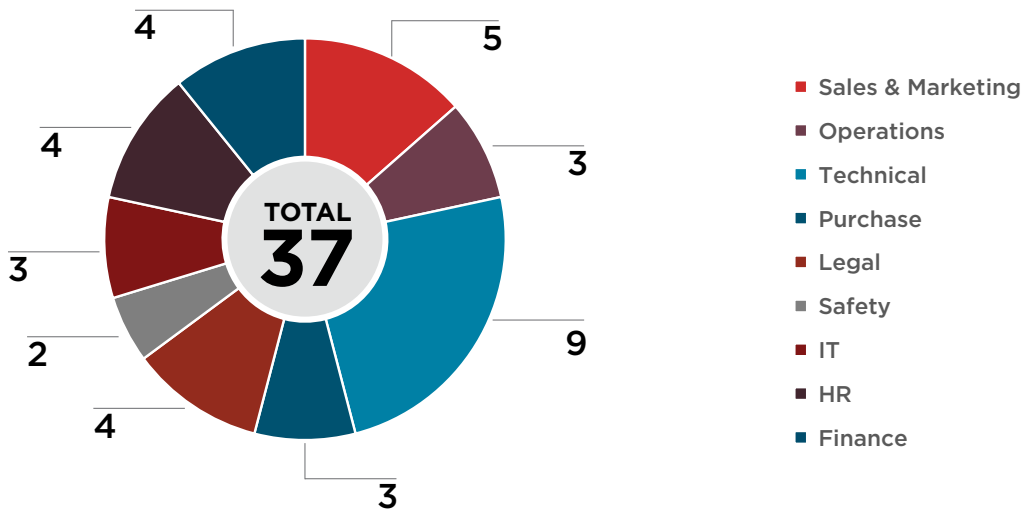
- SANTANU GUHA
CEO, SUPERGAS

25by2025 Campaign Outreach

All the departments of SUPERGAS are committed to the 25by2025 campaign (i.e., reducing our carbon footprint by 25% by 2025) and have supported the cause by coming up with various plans and strategies. Saving of paper due to roll out of a digitalized process like TITO (Truck In Truck Out) at all Filling Plants and Terminals, Digitization of Selling tools minimising the printed copies, Effective service management of SGS Installations and Initiatives around it leading to reduced LPG leakage incidents, Planting of trees on the birthdays of our employees, Assessing Supplier Sustainability and reducing Supplier Risks and Elimination of usage of cheques and deposit slips by converting those to digital forms are some of the steps towards it.



No. of Ideas



As a family-owned company, we have the benefit of a long-term perspective, along with the ability to set ambitious goals and steadily progress towards them.

As such, our strategy and objectives do not change dramatically from year to year. Our strategy therefore remains the same, but 2023 will see an adaptation of our operating model to facilitate freeing up the necessary capital for our sustainability journey to continue progressing. SUPERGAS is much engaged and well underway in its sustainability journey. The potential to progress in environmental improvement is significant. First and foremost, we should further investigate what we can do more efficiently in our own operations (e.g., own trucks and filling plants). In parallel, there are great

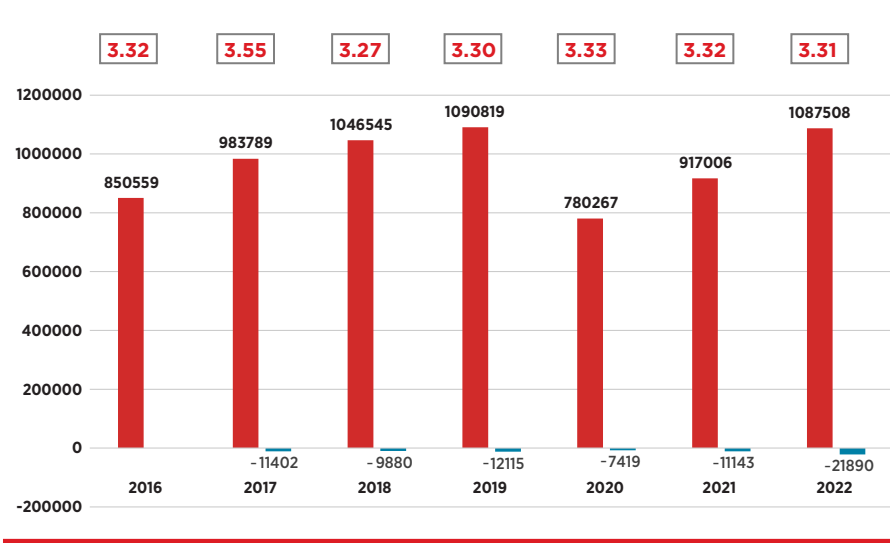
opportunities considering local market conditions and the national energy mix. Many customers in India still use solid and liquid fuels that are more polluting than our products. With these opportunities in mind, it's great to see SUPERGAS establish a working group with representation from key business areas, such as sales & marketing, procurement, and operations. In the end, all colleagues can contribute to our sustainability objectives. This way, individual actions turn into collective impact. In 2023, just as every other year, we will continue Advancing Energy Together.



FRANK RIETDIJK,
GROUP SUSTAINABILITY MANAGER,
SHV ENERGY

Sustainability Data

Net Carbon Intensity



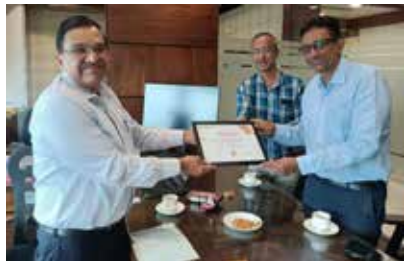
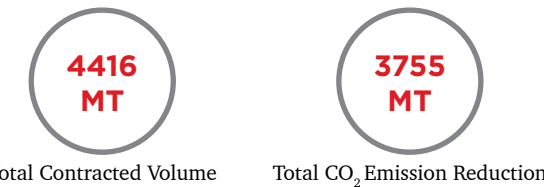
Concept of Carbon Impact:
The carbon impact is the reduction in Carbon Footprint for various initiatives taken. For example, conversion from Liquid fuel to LPG and, similarly, use of HLIV instead of Electrical vapouriser.

Concept of 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.

Carbon Certificates to our Energy Switch customers

SUPERGAS started the initiative of honouring the energy switch customers with Carbon Saving Certificates in 2019 with the intention of showing the customer the carbon footprint that they have saved by converting to LPG from polluting liquid fuels. This document is proving to be vital for the customers in showcasing that they are an energy-efficient and Sustainable company to be associated with.

Total number of energy switch customers from liquid fuels in 2022- 14



IMPACT STORIES



Azir Azhar

SUPERGAS's quest for promoting Sustainability & embracing the changing business scenario has no functional boundaries. The Finance department has started Digitally Signed Invoices for all services like Rental, Take or Pay, or Project Services since September 2020. Traditionally, the invoices were issued in hard copies and signed manually and shared with customers through courier etc.; the whole process resulted in the generation of a lot of hard copies and incurred costs. Approximately 600+ Rental, TOP, and PS invoices were issued monthly, resulting in the generation of many papers and incurred costs.

Digital Benefits:

- 1. Digital signed invoices- No need to sign the invoices manually.
- 2. Speedy payment process- Invoices take 4-5 days to reach the customer's accounts departments; thus, it delays the payment process; digitally signed invoices can be transmitted almost on a real time basis, thus promoting timely processing.
- 3. Promotes digitalization- No hard copies. Soft copies are shared by email with the customer, thus reducing paper generation and requiring no physical data storage.
- 4. Unsigned Invoices- It will plug the loophole of unsigned invoices reaching the customer in few instances as a part of human error.
- 5. Duplicate Invoices- Easy to issue duplicate invoices online whenever the customer requires them.



Arindam Chakraborty

SUPERGAS maintains Sustainability and green ventures as a standard within. We have achieved another level of excellence by taking up Rooftop Solar Energy projects in 6 of our filling plants and terminals to make efforts and go green. We started with a target of implementing 210 KW captive solar power installation in the year 2022 across the locations, and we are happy to share that we have achieved our goal beyond the target. We have successfully installed 253 KW. Additionally, a 3.6 MW Solar Captive Power Generation unit will be installed by 2023 at Tuticorin LPG Import Terminal. Concerning water conservation efforts, we have installed Floating Tiles at various locations, especially at Madurai Filling Plant, thereby saving approximately 3600 KL of water in 2022 from evaporation loss. This has directly saved us in the water procurement and indirectly impacted Diesel savings to a tune of 1100 litres per annum on the Tanker Run kilometres.



Sai Kumar

Digitalized processes like TITO (Truck In Truck Out) and Driver Database Portal have helped us minimize the usage of papers at our filling plants across the country. Going forward, we plan to increase and improve to have a successful and green 2023 with our engagement, enthusiasm, and team spirit!!! In India, Logistics cost is approximately 14% of the GDP & is higher compared to other countries. Hence more fossil fuels (Petrol & Diesel) are consumed, resulting in a higher carbon footprint with an adverse impact on air quality. A few of the action points/ results of 2022 are as follows with respect to Logistics Optimization:

- Overall Loading Efficiency has increased from 95.17% in 2021 to 95.38% in 2022.
- Kilometres travelled for supplying one MT of LPG have reduced from 57 km to 53.5 km in 2022.
- Increase in 21 MT Bulk Tanker Fleet – We have replaced 18 MT tankers with 21 MT, which has contributed to the reduction in km travelled for Primary distribution.

Overall, we have reduced 1.6 million km of travel, saving 1600 MT of Carbon Footprint in 2022. This is our small contribution to better air quality, and it would inspire us to look for more.



Sudipta Prasad

The innovation team was in the process of introducing physical Idea Boxes to be installed at our own infrastructure (Filling Plants, Terminals & COCO ALDS) to encourage people to be vigilant in identifying problems/ opportunities around them and be creative in providing ideas addressing the same. During a brainstorming session within the Sustainability Team, the lack of quality ideas was discussed, and the Idea Boxes seemed to be a perfect tool to collect ideas instantly. These were strategically positioned in the facility to assist people in sharing their ideas related to Sustainability and Innovation immediately and with ease.

The idea boxes were opened recently, and ideas are under evaluation. In the 1st round, we received 17 ideas under the Sustainability segment.

In 2022, we took the initiative of a planned structure of the Sustainability working group by rolling out a policy on Green Ambassadors.

13 Green ambassadors were selected based on self-nominations through a structured process. Being SUPERGAS's Green Ambassador is an exciting opportunity to be a contributor to "Care for the Planet". They would be the drivers for robust planning and seamless execution of Sustainability in SUPERGAS.

Roles of a Green Ambassador

1. Green Ambassadors would be the key drivers of SUPERGAS's sustainability journey
2. Building a Sustainability culture in SUPERGAS
3. Provide ideas about Sustainability initiatives

Here are a few quotes of inspiration from the Green Ambassadors while undergoing the selection process:



Adersh C Francis

As a chemical engineer, I am aware of the effect of industries on the planet and thus will work within the system to make it more 'Green.'



Amiya Chatterjee

The urgent need for Sustainability initiatives to make the earth a better place to live in for us and the generations to come is one of the prime motivations to take up the role of Green Ambassador.



Pushpendra Kumar

Climate change is impacting life on earth. This has motivated me to take the role of Green Ambassador.



Swapnil Kotrange

Our motto says courage to care for generations to come. As I'm inclined towards nature, I would like to work up to this motto by contributing to the improvement of people's quality of life and positive impact on the environment.

13 Green Ambassadors



Adersh C Francis



Amiya Chatterjee



Arindam Chakraborty



Balasubramaniam



Bidyut Mahato



Mini K. C.



Pushpendra Kumar



Shreekanta K Parida



Sreedhar Krishna



Sudipta Prasad



Swapnil Kotrange



Venkatapathy K.



Vineela Kakaraparthi



Do You Know

Food waste biofuel production



Since 2016, Brooklyn's Newtown Creek Wastewater Treatment Plant has distributed biofuel in the US by processing more than 100 tonnes of liquefied food waste into biofuel each day. The project was first conceived in 2013 when it was expected to produce enough renewable natural gas to heat 5,200 homes, mitigate 10% of the city's food waste from landfills and reduce emissions by 90,000 metric tonnes daily.

Solar-powered supertrees



One of the most prominent landmarks in Asia, the Singapore solar-powered supertrees are the city's response to energy generation. The 18 treelike structures capture solar energy with photovoltaic cells and gather rainwater to irrigate plants. The structures occupy a 250-acre garden and are host to more than 162,900 plants with the aim of absorbing as much carbon as possible from the atmosphere.

IMPACT STORIES



Pavani Kaperla



Quenching the thirst of Parapaty villagers: SUPERGAS Foundation supported laying a 900 ft. depth borewell at Parapaty Village.



Fuelling good - health in the community: SUPERGAS Foundation conducted free medical health check-up camps for local communities. In 2022 we conducted medical camps in Chennai, Khammam & Hubli.



‘Sustainable alignment of social responsibility with D&I’: SUPERGAS Foundation has been supporting the students in NGO homes such as Devnar School for the Blind, AGAPE home for HIV, Ashraya Akruti home for ‘speech and hearing impaired’ etc., over the last six years. Many children are supported with health, nutrition, and education. We have helped ‘speech and hearing impaired’ students of Ashray Akruti with multimedia and animation skills, free of cost. After the training, many students are gainfully employed and earn a decent living. Our Lapwing Award nomination entry has compelling stories from the heart and has won the honours, indeed!



Vineela Sekhar

Conversion Assistance: Thermic Fluid Heating Application- HSD to LPG
Our esteemed customer is a reputed and leading paint manufacturer. They used HSD for thermic fluid heating application.

- The challenges faced by the customer pre-conversion to LPG:
- The customer was not sure about using LPG and the guidelines to follow
 - Being an MNC, the customer was very concerned about the safety aspect and was looking to reduce production costs
 - The customer emphasized uninterrupted supply and asked for a thorough assurance regarding the supply point of view

SUPERGAS’s approach:
During discussions and written communications, we put forth LPG’s tangible and intangible benefits over HSD and offered 4X450 Maxima installation to take care of their LPG consumption. We persistently approached their higher hierarchy, promising them of utmost quality and service. The customer was impressed by the following:

- 24/7 uninterrupted supply
 - SR grade quality and quantity assurance
 - Safety first approach
 - Technical knowledge
 - Dedicated team for technical as well as customer service
 - SUPERGAS’s products and services
- Also, our offer covered all the challenges they were facing, i.e., fewer cylinders to handle, direct supply and no dealer/ franchise involved, placement of order through the EACD Plus system as well as cost saving by using LPG over HSD.

- Benefits of partnering with SUPERGAS:
- LPG supply assurance, smooth and uninterrupted LPG supply
 - EACD Plus system and hence nil dependence on manual intervention
 - Nil downtime for cleaning/maintenance of the burner/TFH
 - No spillage of fuel, hence no loss of fuel
 - Smoke-free environment in plant = happy operators
 - Overall savings of 1778 MT of Carbon Footprint per year



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