

*Shaping a
Sustainable Legacy for a
Brighter Tomorrow*



KETAN BROTHERS

SUSTAINABILITY REPORT FY 2022-23

Shaping a Sustainable Legacy for a Brighter Tomorrow



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Report Overview



Shaping a Sustainable Legacy for
a Brighter Tomorrow

A Legacy of Sustainability

Ketan Brothers Diamondz Exports has a distinguished legacy that spans over few decades. Throughout this time, our commitment to ethical business practices has been unwavering. We firmly believe that businesses have a crucial role to play in shaping a sustainable and prosperous future for our planet and the communities we serve. Our journey towards sustainability is deeply rooted in this belief.

Global Sustainability Initiatives

At Ketan Brothers, we are not content with merely internal efforts. We actively engage with global sustainability initiatives to make a meaningful impact. We proudly contribute to "Climate Neutral Now," an initiative led by the United Nations Framework Convention on Climate Change (UNFCCC). This involvement demonstrates our dedication to address climate change. By measuring, reducing, and offsetting our carbon emissions, we aim to be part of the solution in combating climate change.

In addition, we are a committed and certified member of the Responsible Jewellery Council (RJC). Being a part of this global initiative ensures that our products are not only stunning in their beauty but also ethically and sustainably sourced, reflecting our commitment to environmental and social responsibility.

Comprehensive Sustainability Strategy

This report serves as a comprehensive

overview of our sustainability strategy, achievements, and objectives, encompassing environmental, social, and governance (ESG) considerations. Our commitment to sustainability is not limited to any one aspect of our operations; it is a holistic approach that considers the full spectrum of ESG concerns.

Ambitious Future Goals

While we have made significant strides in our sustainability journey, we recognize that there is a significant road ahead of us. In the coming years, we have set ambitious objectives. Our steadfast pledge is to reduce our carbon footprint by half by the year 2030. This commitment aligns with global efforts to combat climate change and limit global warming. We are also resolute in our commitment to maintain 100% traceability of our products by the same target date. This goal underscores our dedication to responsible and ethical practices in the jewelry industry.

A Call to Collaborate

Our Sustainability report stands as concrete evidence of our resolute commitment to sustainability and our unwavering devotion to forging a brighter future for everyone. We firmly believe that through collaborative efforts with our stakeholders, including our participation in global initiatives like "Climate Neutral Now" and our membership in RJC.

For any Query, Contact on:

Email : info@ketanbrothers.com



CLIMATE
NEUTRAL
NOW



RESPONSIBLE
JEWELLERY
COUNCIL
0000 4339



Growth With Sustainability

Ketan Brothers - At A Glance



Crafting Excellence, Nurturing Trust,
Embracing Sustainability.

Ketan Brothers, established in 1969, is a prominent player in the natural diamond industry in India. We are recognized for our commitment, we cater to the demands of a wide spectrum of clients, offering diamonds ranging from the exquisite 10.00-carat gems to smaller, yet equally remarkable stones.

Our headquarter is strategically located in the heart of the diamond district at the Bharat Diamond Bourse in Mumbai in India. At Ketan Brothers, we have embraced a forward-looking approach, combining traditional craftsmanship with modern, software-driven management systems. This approach ensures that our clients receive not only the finest diamonds but also the highest levels of service.

Our dedicated sales and marketing team, based in Mumbai, extends its services to clients not only in India but also across the globe, including the USA, Middle East, Australia, New Zealand, and Eastern Europe. At Ketan Brothers, our unwavering motto is "**complete client satisfaction.**"

We place significant emphasis on personalized attention, ensuring that each client's unique demands are met. This approach involves providing the right quality products, on-time deliveries, and nurturing personal relationships with every client.

As Ketan Brothers strives to maintain and nurture the personal connections we share with each client, we have earned a sterling reputation in the industry, characterized by trust and unwavering commitment.

In line with our long-standing commitment to excellence and service, Ketan Brothers is now extending its dedication to sustainability reporting. We recognize the pressing need to align our operations with sustainable practices to ensure a better future for our planet and generations to come. Our sustainability reporting will cover various aspects of our business, including environmental, social, and governance (ESG) factors.



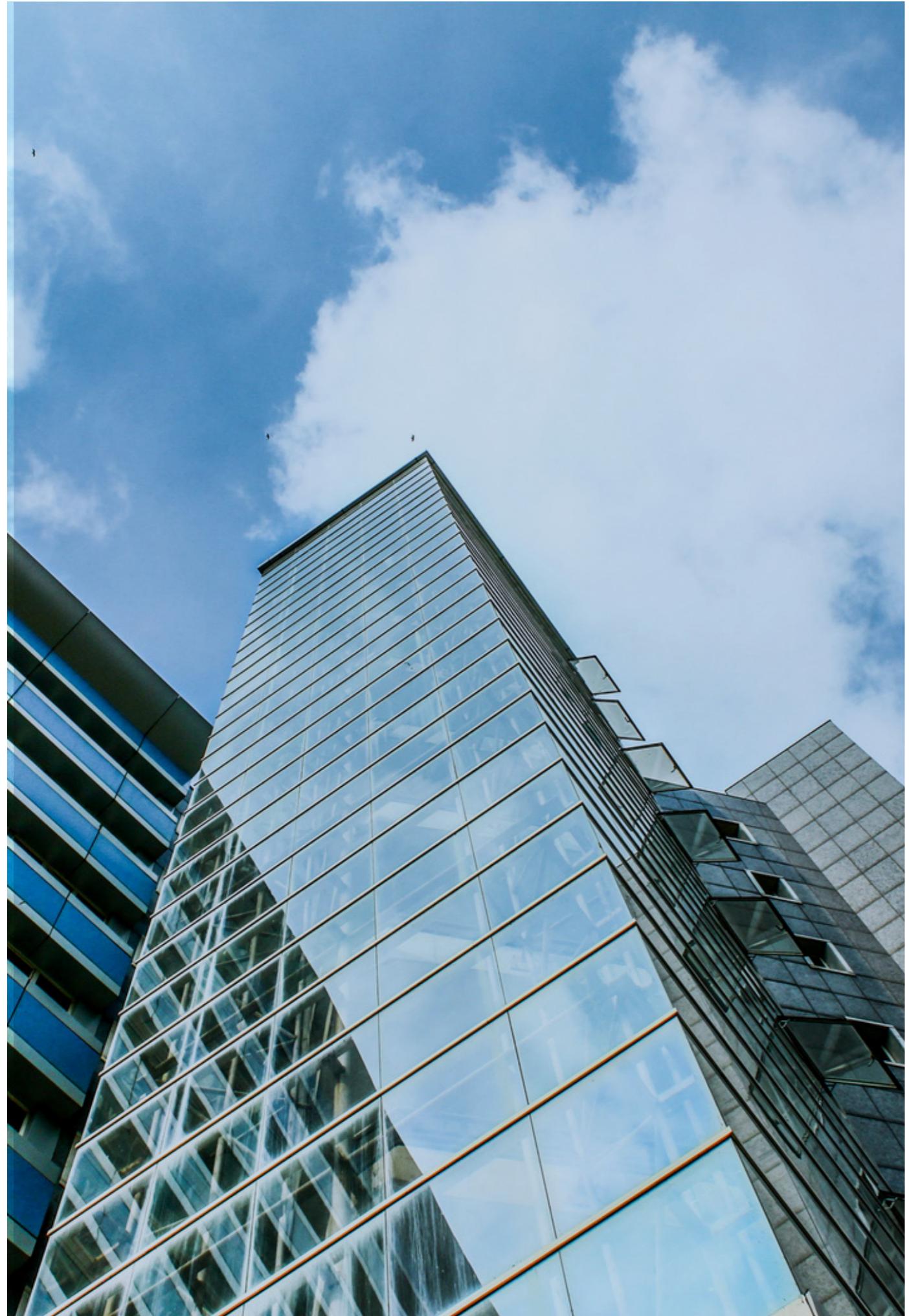
Vision

At Ketan Brothers, we are committed to carrying forward a legacy that spans over four decades — a legacy grounded in our dedication to excellence in manufacturing, unwavering adherence to ethical standards, and the pursuit of complete transparency in our operations. Our vision extends beyond business success; we aspire to be recognized as a socially responsible business entity, committed to leaving a positive and lasting impact on the world.



Mission

Our mission is clear: to establish ourselves as the preferred partner for jewelry manufacturers and retailers around the globe. We aim to achieve this by consistently delivering products of the highest quality, providing unmatched levels of service and support, and, in doing so, reinforcing consumer trust in natural diamonds as the purest symbol of love. This mission encompasses our dedication to sustainability as an integral part of our operations.



Our Principles - GIVE



GOVERNANCE

Integrity:
Uphold the highest standards of ethical conduct, honesty, and transparency in all business operations.

Stakeholder Engagement:
Actively engage with all stakeholders, to ensure their voices are heard in decision-making processes.

Board Diversity:
Foster a diverse and inclusive board of directors to bring varied perspectives and expertise to governance.



INNOVATION

Environmental Innovation:
Promote and invest in research and development to create environmentally sustainable products.

Social Innovation:
Seek innovative ways to address social challenges and contribute positively to the communities in which we operate.

Supply Chain Responsibility:
Encourage innovative practices in the supply chain to ensure ethical sourcing and traceable products.



VALUE

Diversity and Inclusion:
Cultivate a culture that values diversity, equity, and inclusion, ensuring all employees are treated with respect and provided equal opportunities.

Employee Well-being:
Prioritize the well-being and health of employees by promoting work-life balance and taking care of medical security of our employees.

Community Engagement:
Act as a responsible corporate citizen by actively participating in community development through various charitable activities.



ENVIRONMENT

Sustainability Commitment:
Commit to reducing the environmental footprint through energy efficiency, waste reduction, and sustainable sourcing.

Climate Action:
Set and work towards ambitious targets to reduce GHG emissions and avoid the effects of climate change.

Biodiversity Conservation:
Support initiatives that protect and restore natural ecosystems, preserving biodiversity.





Mr. Jay Parikh
Partner, Ketan Brothers
Diamondz Exports

Message from the Partner



Unwavering Commitment,
Shining in Every Stone.

Dear Stakeholders,

Ketan Brothers Diamondz Exports has always been a symbol of excellence in the diamond industry. Established in 1969, we've carried forward a legacy of craftsmanship, quality, and commitment. Our journey has been defined by a relentless pursuit of excellence, but in today's world, excellence extends beyond the brilliance of our diamonds. It encompasses our responsibility towards the environment, society, and our ethical standards.

In recent years, we've undertaken a transformative journey towards becoming a more responsible and sustainable company. This transformation has been driven by our unwavering commitment to Environmental, Social, and Governance (ESG) principles. We have made significant strides in aligning our operations with these principles and wish to share some of our achievements and commitments.

Environmental Stewardship:
Ketan Brothers Diamondz Exports has taken a significant step in reducing our carbon footprint. Over the past two years, we have actively offset our greenhouse gas emissions. This is just the beginning. We are committed to further reducing our environmental impact by adopting energy-efficient

practices, sustainable sourcing, and contributing to the preservation of our planet's natural ecosystems.

Social Responsibility:

Our commitment to social responsibility is not only about crafting exceptional diamonds but also about creating a brighter future for our employees, our community, and the world. We uphold fundamental human rights, treat our workers with respect, encourage diversity, and provide a safe working environment. Our personal relationships with our clients are a testament to the trust and commitment we've built over the years.

Ethical Business Practices:

As a certified member of the Responsible Jewellery Council (RJC), we have pledged to adhere to ethical business practices and ensure that we comply with applicable laws in every country where we operate. This includes managing business risks related to our customers, suppliers, and partners. We're dedicated to upholding the highest ethical standards in our industry.

We recognize that sustainability and responsibility are not just trends but essential values that shape our future. Our commitment to ESG principles aligns with our long-standing motto of "com-

plete client satisfaction." It means that we provide the right quality goods, on-time deliveries, and maintain personal relationships with each and every client while also being responsible stewards of our planet and society. Your trust in us has been the cornerstone of our success, and we will continue to earn that trust by embodying our values in everything we do. Thank you for your continued support, and together, we can craft a more responsible, sustainable, and brilliant future.

ESG & Sustainability Partner



Crafting Sustainable Brilliance:
Where Ethics Shape Exquisite Diamonds.



As the President & CEO of Growlity, it has been an honor to partner with Ketan Brothers, a pioneering entity in the trading of natural diamonds, on their journey towards embracing sustainability, fostering social innovation, and championing fair and ethical business practices. Our collaboration reflects a shared commitment to drive positive change within the diamond trading industry.

Environmental Stewardship

The journey with Ketan Brothers in environmental stewardship has been characterized by a concerted effort to minimize the environmental impact of their operations. Together, we have embarked on initiatives aimed at reducing carbon footprints, enhancing energy efficiency, and promoting responsible resource consumption. Ketan Brothers' dedication to environmentally conscious practices has set an exemplary benchmark within the diamond trading sector, advocating for a more sustainable approach to business operations.

Social Innovation

At the heart of our collaboration lies the pursuit of social innovation. Ketan Brothers' commitment to the well-being of communities associated with the diamond trade has been commendable. Through various initiatives, including community development programs, employee welfare schemes, and support for education and healthcare, Ketan Brothers has demonstrated a profound sense of social responsibility. This commitment extends beyond business operations, positively impacting the lives of individuals and communities connected to their trade.

Fair and Ethical Business Practices with ESG Intervention

Ketan Brothers' journey towards fair and ethical business practices with ESG intervention stands as a testament to their unwavering dedication to integrity and transparency. Embracing ESG principles has not only enhanced their operational efficiency but has also reinforced trust and cred-

ibility among stakeholders. By prioritizing ethical conduct, compliance, and governance, Ketan Brothers has carved a niche as a responsible and trusted player in the diamond trading industry, setting an example for others to emulate.

Conclusion

The collaboration between Growlity and Ketan Brothers represents a symbiotic relationship built on shared values and a common vision for a sustainable and ethical business landscape. As we move forward, our commitment to fostering environmental stewardship, driving social innovation, and advocating for fair and ethical practices remains resolute. Together, we will continue to explore innovative pathways and opportunities to create a positive impact, not just within the diamond trade but across the broader business ecosystem.

I extend my gratitude to the entire team at Ketan Brothers for their unwavering commitment to sustainability and ethical business practices. Our journey together exemplifies the transformative power of collaboration and underscores the immense potential to create meaningful change when driven by a shared purpose.

Dr. Nitin Dumasia
President & CEO,
Growlity

Our Approach Towards Sustainability



Towards a Sustainable Horizon: Our Commitment to the SDGs Guides Our Path in Making a Meaningful Difference for Society.

At Ketan Brothers, we embrace sustainability as a core value that guides our operations and shapes our vision for a better future. Our approach to sustainability is closely aligned with the United Nations' Sustainable Development Goals (SDGs), a universal call to action to end poverty, protect the planet, and ensure prosperity for all by 2030. Here is how our approach relates to specific SDGs:



Responsible Consumption and Production:

At Ketan Brothers, we recognize that responsible consumption and production are pivotal components of our sustainability journey. Our unwavering commitment to reducing our environmental impact is at the heart of our operations, and it aligns seamlessly with Sustainable Development Goal 12 (SDG 12) - "Responsible Consumption and Production."

We are committed to reducing our environmental impact through efficient resource management and responsible production processes. Our initiatives to minimize waste, optimize resource usage, and reduce carbon emissions contribute to SDG 12.

Our comprehensive Sustainability Report provides in-depth insights into the measurable progress we have

made in resource management, waste reduction, and carbon emissions reduction. By aligning our efforts with SDG 12, we are not only making a positive impact on the environment but also contributing to a more sustainable and responsible future for the natural diamond industry and beyond.



Affordable and Clean Energy:

At Ketan Brothers, we are steadfast in our commitment to Sustainable Development Goal 7 (SDG 7) - "Affordable and Clean Energy." We recognize the pivotal role that access to clean, reliable, and sustainable energy plays in driving economic growth and fostering environmental responsibility. Our journey toward sustainability includes a critical focus on energy consumption and its environmental impact. We are resolute in our efforts to transition to renewable energy sources, and this aligns seamlessly with the aspirations of SDG 7.

Our commitment to adoption of renewable energy will not only benefit our operations but will also contributes to a cleaner and more sustainable environment. By offsetting our carbon emissions and reliance on non-renewable resources.



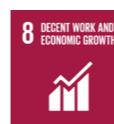
Climate Action:

At Ketan Brothers, we take seriously the concerns of Climate Action - Sustainable Development Goals 13 (SDG 13). - "Climate Action." Our actions and initiatives stand as a testament to this commitment. Our journey towards sustainability encompasses a fundamental focus on reducing our carbon emissions.

We acknowledge that greenhouse gas emissions are a primary driver of climate change, and we are dedicated to minimizing our impact. Our commitment to combat climate change extends beyond internal emission reductions. We have instituted robust carbon offset programs that exemplify our dedication to SDG 13. Through these carbon offset programs, we actively contribute to projects that have a positive impact on the environment. These projects encompass reforestation efforts, renewable energy installations, and initiatives to capture and reduce methane emissions. By supporting these endeavours, we not only offset our remaining emissions but also actively contribute to broader climate action goals.

By actively working to reduce our carbon footprint, promoting sustainable practices, and supporting carbon offset programs, we are fulfilling our

pledge to combat climate change. Our commitment to climate action underpins our broader sustainability goals, contributing to a more resilient and sustainable future for our industry and the global community.



Decent Work and Economic Growth:

At Ketan Brothers, our commitment to Sustainable Development Goal 8 (SDG 8) - "Decent Work and Economic Growth" is at the forefront of our sustainability efforts. We firmly believe that prioritizing the welfare and rights of our workforce is not only essential for ethical business practices but also crucial for driving sustainable economic growth. Our commitment to the welfare and rights of our employees is woven into the fabric of our organization. We understand that a motivated, healthy, and empowered workforce is key to achieving both business success and sustainability objectives.

By investing in our workforce, we create a more skilled and motivated labour force, which, in turn, enhances productivity and drives economic progress. By prioritizing the welfare and rights of our workforce and fostering a safe, diverse, and inclusive working environment, we are not only embracing SDG 8 but also contributing to the sustainable development of our industry and the economic well-being of the communities we serve.

By dedicating ourselves to innovation, we are not only advancing our industry but also driving positive change toward more sustainable and environmentally friendly practices. Our commitment to SDG 9 underscores our belief that innovation is a catalyst for achieving both industry excellence and a more sustainable future for all.



Industry, Innovation, and Infrastructure:

At Ketan Brothers, our dedication to Sustainable Development Goal 9 (SDG 9) - "Industry, Innovation, and Infrastructure" - drives us to continuously pursue innovative, efficient, and sustainable practices within the natural diamond industry. We firmly believe that innovation is pivotal to our sustainability journey and essential for shaping the future of our industry. Innovation is not just a buzzword for us; it is a fundamental ethos. We recognize that to thrive in a rapidly evolving world, we must continuously seek ways to enhance our industry, reduce environmental impact, and embrace sustainability.

Our comprehensive Sustainability Report provides a transparent account of our innovative and efficient technologies adopted like transformation of halogen lights to LED lights. Elimination of Diesel consumption in Diesel Generator practices and their impact on sustainability within the diamond industry. It includes data on our sustainable sourcing efforts, manufacturing innovations, and the environmental benefits we have achieved.

By dedicating ourselves to innovation, we are not only advancing our industry but also driving positive change toward more sustainable and environmentally friendly practices. Our commitment to SDG 9 underscores our belief that innovation is a catalyst for achieving both industry excellence and a more sustainable future for all.



Life on Land:

At Ketan Brothers, our commitment to Sustainable Development Goal 15 (SDG 15) - "Life on Land" - reflects our role as stewards of the Earth. We understand the paramount importance of protecting biodiversity and ecosystems, and our sustainability efforts are designed to safeguard land and wildlife. Our dedication to protecting biodiversity and ecosystems is deeply ingrained in our sustainability practices. We acknowledge that our industry has an environmental footprint, and it is our responsibility to minimize its impact.

Our comprehensive Sustainability Report offers full transparency into our efforts to protect life on land.

By actively engaging in these practices, we are not only meeting the objectives of SDG 15 but also demonstrating our commitment to being responsible custodians of the Earth. Our efforts align with the broader global goal of ensuring the health and sustainability of our terrestrial ecosystems and the life they support. Through our actions, we aim to make a meaningful contribution to the preservation of life on land for current and future generations.

Waste Management



Reducing Footprints, Enhancing Futures: The Role of Responsible Waste Management in Our Sustainability Mission.

In our commitment to responsible environmental stewardship, we understand that efficient waste management is a pivotal aspect of our sustainability efforts. As an office, we generate a variety of waste streams in our daily operations. These waste streams encompass different materials and

quantities, reflecting the nature and scale of our activities. To achieve sustainability goals and contribute to a cleaner environment, we have adopted a holistic approach to waste management and have initiated reporting processes to ensure transparency and accountability.

Types and Quantities of Waste Generated:



Paper Waste:

In the modern office, paper waste remains significant, as it includes discarded office paper, printouts, packaging, and other paper-based materials. On average, a single office worker generates approximately 2 pounds (0.9 kilograms) of paper waste per day, making this one of our most substantial waste streams. but that's not the case in our office. We are moving towards the direction to become paperless company very soon.



Plastic Waste:

Our plastic waste primarily consists of plastic bottles, containers, and packaging materials. The quantity of plastic

waste varies, but our facilities, such as cafeterias or vending machines, may contribute to a notable volume.



Electronic Waste (e-Waste):

E-waste is generated when we need to dispose of or recycle old computers, monitors, printers, and other electronic devices. The volume of e-waste fluctuates based on our technology upgrade cycles and equipment turnover. We are glad to report that during this reporting period, we haven't generated any form of E-Waste.



Food Waste:

Offices with cafeteria or kitchen facilities may generate food waste, encompassing leftover food, food packaging, and organic materials. The amount of

food waste is influenced by our dining services and the number of employees on-site.

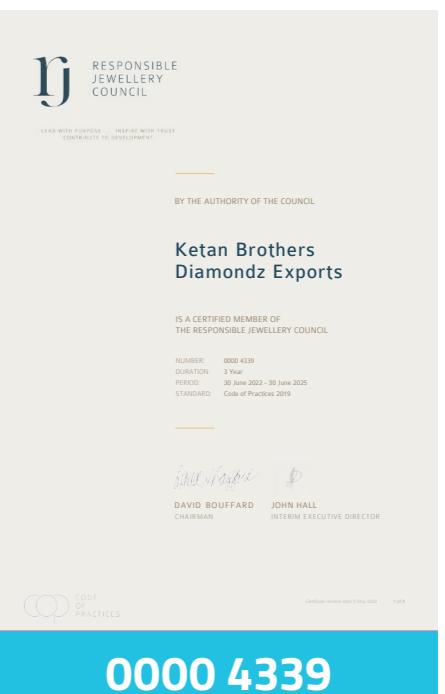
Our commitment to sustainable waste management is exemplified through transparent reporting. We maintain comprehensive records of waste generation, segregation, recycling rates, and disposal methods. Our sustainable reporting framework ensures accountability and provides insights into our progress in managing waste responsibly. By reporting on our waste management practices, we aim to inspire others and promote best practices in our industry and community.

Sustainable waste management is integral to our broader sustainability goals, promoting environmental responsibility and resource conservation. Through continual efforts to reduce waste, promote recycling and reuse, and ensure responsible disposal, we strive to contribute to a greener, more sustainable future for all.

Adherence of RJC



Elevating Standards, Embracing Responsibility: Our Commitment to Ethical and Sustainable Excellence.



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GHG Emissions Overview

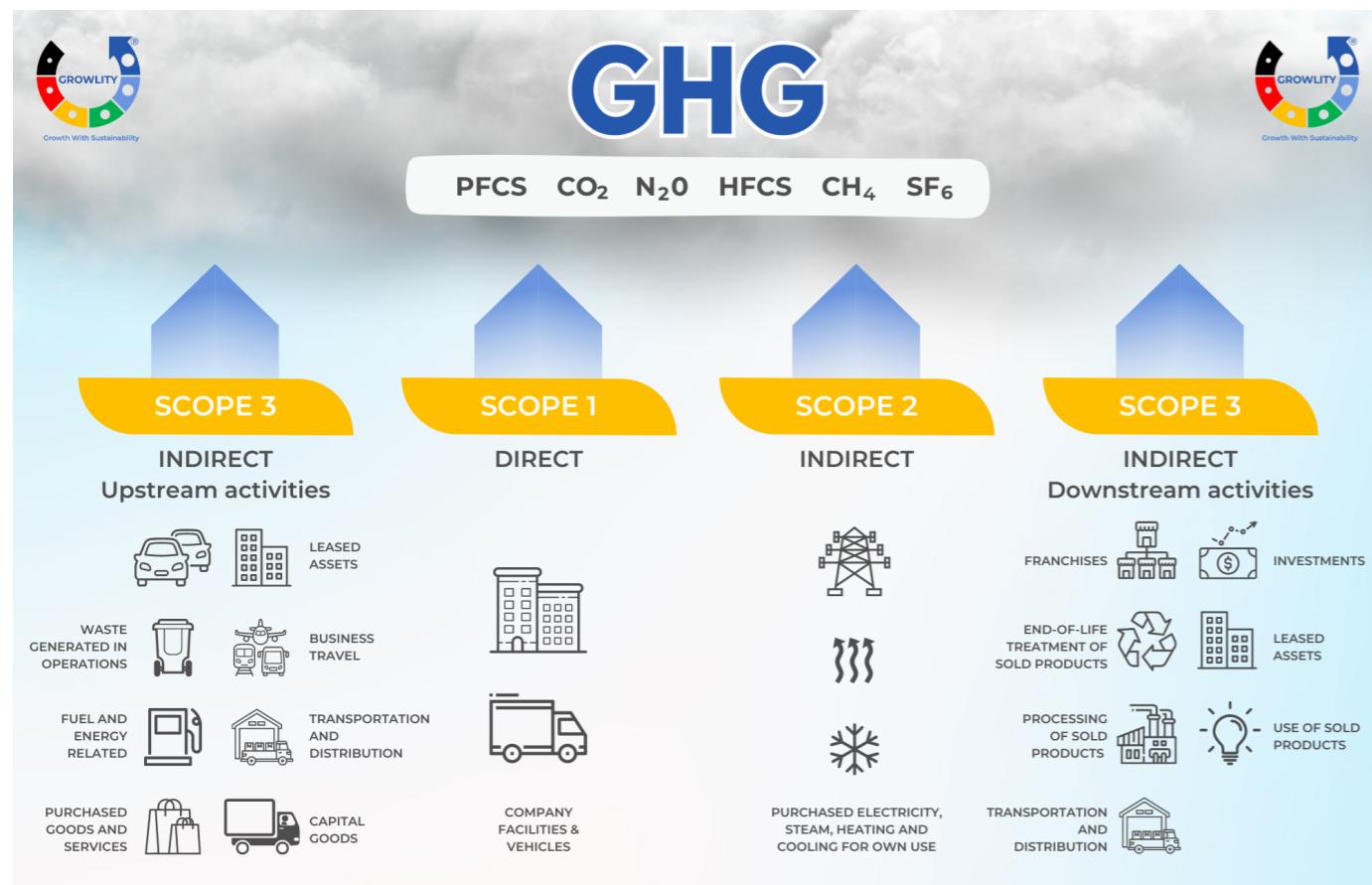


Tracing Our Carbon: Comprehensive Analysis of Scope 1, 2, and 3 Emissions

Scope 1 GHG Emissions. It encompasses the direct emissions of greenhouse gases produced by an organization's activities or operations. These emissions are within a company's immediate control and originate from sources that are owned or controlled by the organization. Common examples include emissions from on-site combustion of fuels in company-owned vehicles, industrial processes, and emissions from heating systems. In case of Ketan Brothers only fuel being used in company vehicles is applicable.

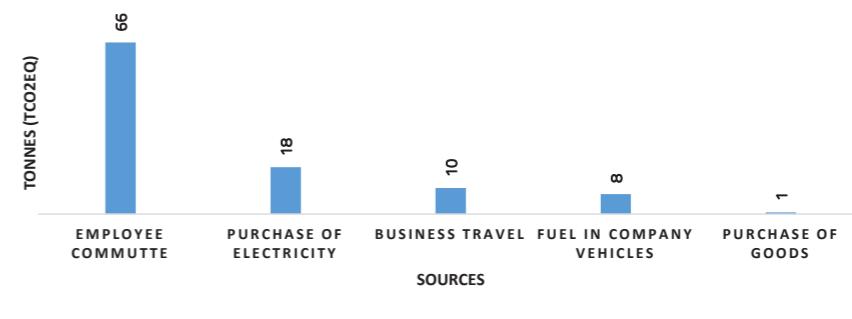
Scope 2 GHG Emissions. It relates to indirect greenhouse gas emissions associated with the consumption of purchased or acquired energy, such as electricity, heating, or cooling. These emissions result from the generation of energy by external sources but are attributed to the organization that consumes the energy. Examples include electricity purchased from the grid or heat obtained from an external supplier. In case of Ketan Brothers purchased electricity by the company is applicable.

Scope 3 GHG Emissions: It is broader category of indirect emissions that result from an organization's activities but occur from sources not owned or directly controlled by the organization. These emissions often involve the entire lifecycle of products and services, including the extraction of raw materials, transportation, and disposal. In case of Ketan Brothers this year we have calculated our GHG emissions due to Employee commute, Purchased Goods, Business Travel.

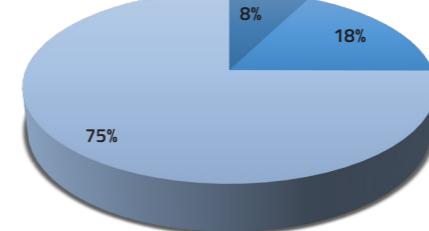


Scope	Source	GHG EMISSIONS (TCO2Eq)
SCOPE 1	Diesel Consumption in Diesel Generator	NA
	Diesel Consumption in Diesel Pump	NA
	Fuel consumption in Company Registered Vehicles	7.68
SCOPE 2	Refilling of Refrigerant	-
	Consumption of Purchased Electricity	18.01
	Consumption of Chemical	-
SCOPE 3 (Partial)	Purchase of Water	-
	Employee Commute	66
	Business Travel - Land & Air	10.3
	Upstream Transport	-
	Downstream Transport	-
Total	Purchase of Goods	0.68
		102.4

GHG EMISSIONS RESOURCES



SCOPE WISE GHG EMISSIONS (%)



Offsetting of Emissions



Fostering sustainability, we illuminate a cleaner path by countering emissions thus ensuring an eco-conscious future.

At Ketan Brothers Diamondz Exports, our unwavering commitment to environmental stewardship and sustainable business practices guides our actions. In line with this dedication, we continually seek avenues to mitigate our environmental impact and endorse sustainable development. Recently, we have taken a significant step by procuring carbon credits through the UNFCCC portal. This strategic acquisition from the “155 MW Gas-based Combined Cycle Power Project at Hazira” underlines our resolute commitment to positively influence and contribute to five distinct Sustainable Development Goals (SDGs) out of the overarching 17.

In addition to our carbon offset initiatives, we are actively engaged in fostering a holistic approach to sustainability within our operational framework. Through partnerships with local communities and stakeholders, we have initiated programs aimed at promoting renewable energy adoption and enhancing environmental education. For instance, our collaboration with regional educational institutions has facilitated workshops and seminars on environmental conservation and sustainability, empowering the youth with knowledge and awareness to become stewards of a greener future. Moreover, our commitment ex-

tends beyond mere carbon neutrality; we have implemented stringent internal policies to reduce waste generation and enhance resource efficiency across our supply chain. This proactive approach aligns seamlessly with our core values, where sustainability is not just a corporate initiative but an integral part of our ethos. We strive to be at the forefront of sustainable practices, integrating environmental responsibility into our business strategies to pave the way for a more sustainable and resilient future for generations to come.

In alignment with the Ministry of Environment and Forests, Government of India's directives outlining indica-

tors for sustainable development, our involvement in the Clean Development Mechanism (CDM) projects focuses

on social well-being, economic well-being, environmental well-being, and technological advancement.

Contribution to Social Wellbeing:

- Operation of the Hazira plant has led to the creation of new job opportunities, bolstering employment prospects in the region.
- Indirectly, our project activities have played a pivotal role in fostering infrastructure development in neighboring villages, evident through improved road networks and telecommunication facilities.
- The project has notably enhanced income security for vulnerable sections of rural communities by redistributing benefits through the creation of new direct and indirect employment opportunities.

Contribution to Environmental Wellbeing:

- Our project's primary environmental impact lies in its contribution to the conservation of rapidly depleting fossil fuels, such as coal, oil, and natural gas, which were conventionally utilized for power generation.
- The exclusion of coal in our electricity generation process ensures that our activities do not emit greenhouse gases, thereby reducing our carbon footprint significantly.

Contribution to Economic Wellbeing:

- Our project's emphasis on creating employment opportunities is poised to elevate economic standards within the communities residing near the project site, fostering sustainable economic growth in the region.
- Contribution to Technological Well-being:**
- Our investment in the “155 MW Gas-based Combined Cycle Power Project at Hazira” reflects our commitment to leveraging advanced technological solutions for enhanced power generation efficiency, furthering technological progress in the field.



VOLUNTARY CANCELLATION CERTIFICATE



Presented to
KETAN BROTHERS DIAMONDZ EXPORTS
Project
155 MW Gas based combined cycle power project at Hazira

Reason for cancellation
KETAN BROTHERS DIAMONDZ EXPORTS is buying carbon credits for offsetting their GHG Emissions of Scope 1, Scope 2 & Scope 3 (Partial) to become carbon neutral for the financial year 2022-23.

Number of units
cancelled

105 CERs

Equivalent to 105 tonne(s) of CO₂

Start serial number: IN-5-124055457-1-1-0-1300

End serial number: IN-5-124055561-1-1-0-1300

Monitoring period: 01-05-2009 - 30-04-2010

The certificate is issued in accordance with the procedure for voluntary cancellation in the CDM Registry. The reason included in this certificate is provided by the cancellor.



Growlity Carbon Neutrality Program

Certifies that

Ketan Brothers Diamondz Exports

has met all eligibility requirements to be certified as carbon neutral under Growlity Carbon Neutrality program. The company's Green House Gas (GHG) emissions is measured considering 14064-1. The company has offset its GHG emissions by purchase of Carbon Credits from the project listed in UNFCCC portal. The holder of this certificate makes a sustainable contribution to the commitment to combat climate change.

Certificate ID: GCNP23/02
Issue Date : December 11, 2023
Valid up to : March 31, 2024



Issued by:

Dr. Nitin Dumasia
President and CEO
Growlity, Inc. USA

Balancing Our Carbon Footprint



Eco-Forward: Driving Change Through Carbon Reduction

To realize our carbon neutrality commitment, we have plan of action which consist of a series of deliberate actions and initiatives aimed at diminishing our carbon footprint. These actions are at the core of our sustainability strategy: which is Reduce, Replace and Restore.

Reduce:

Energy Efficiency: We have started adopting innovative technologies in our premises. Currently 50% of lights in our premises transformed from CFL to LED based. Apart from the cost benefit of LED bulbs, another benefit of LED is that they emit the least amount of CO₂. Incandescent bulbs create 4,500 lbs. of CO₂ per year. CFLs create slightly less at 1,051 lbs. of emissions per year. LED bulbs create the least at only 451 lbs. of CO₂ per year. In a study conducted by the Environmental Protection Agency, it was found that by replacing only one light

bulb in every house in the U.S. with an LED bulb would reduce greenhouse gas emissions by 9 billion pounds. Just something as simple as switching one light bulb can have a huge environmental impact. This has implemented energy-efficient lighting, heating, and cooling systems in the office space to reduce electricity consumption. One of another initiative taken by us is giving importance to electricity consumed by the electronic appliances during their idle stage. Based on the study carried out by the University of Oxford. It is estimated that when a PC is kept 'active' continuously, it consumes 73KgCO₂Eq, when it is with default power saving features it emits 37 KgCO₂Eq, only shut down when not in use it emits 17.6 KgCO₂Eq and when the power source from the wall itself is eliminated by removing the plug and switching the power supply switch, it emits 14.7 KGCO₃Eq

Telecommuting: We have replaced 35% of our conventional company vehicles by electric one and we also encourage our employees to work from home or use video conference to reduce the need for travel to and from the office.

Supply Chain: Choose suppliers and partners who are committed to sustainable practices and responsible sourcing of diamonds to reduce the carbon footprint associated with the supply chain.

Paperless Operations: Minimize paper usage by digitalizing documents and promoting electronic communication and documentation.

Sustainable Packaging: Use eco-friendly packaging materials when

shipping or handling diamond products.

Replace:

Eco-friendly Transportation: If the company requires transportation for diamond delivery or trade shows, consider using electric or hybrid vehicles to replace traditional gasoline-powered ones.

Conflict-Free Diamonds: Emphasize the trade of ethically sourced and conflict-free diamonds, which are not associated with environmentally damaging practices.

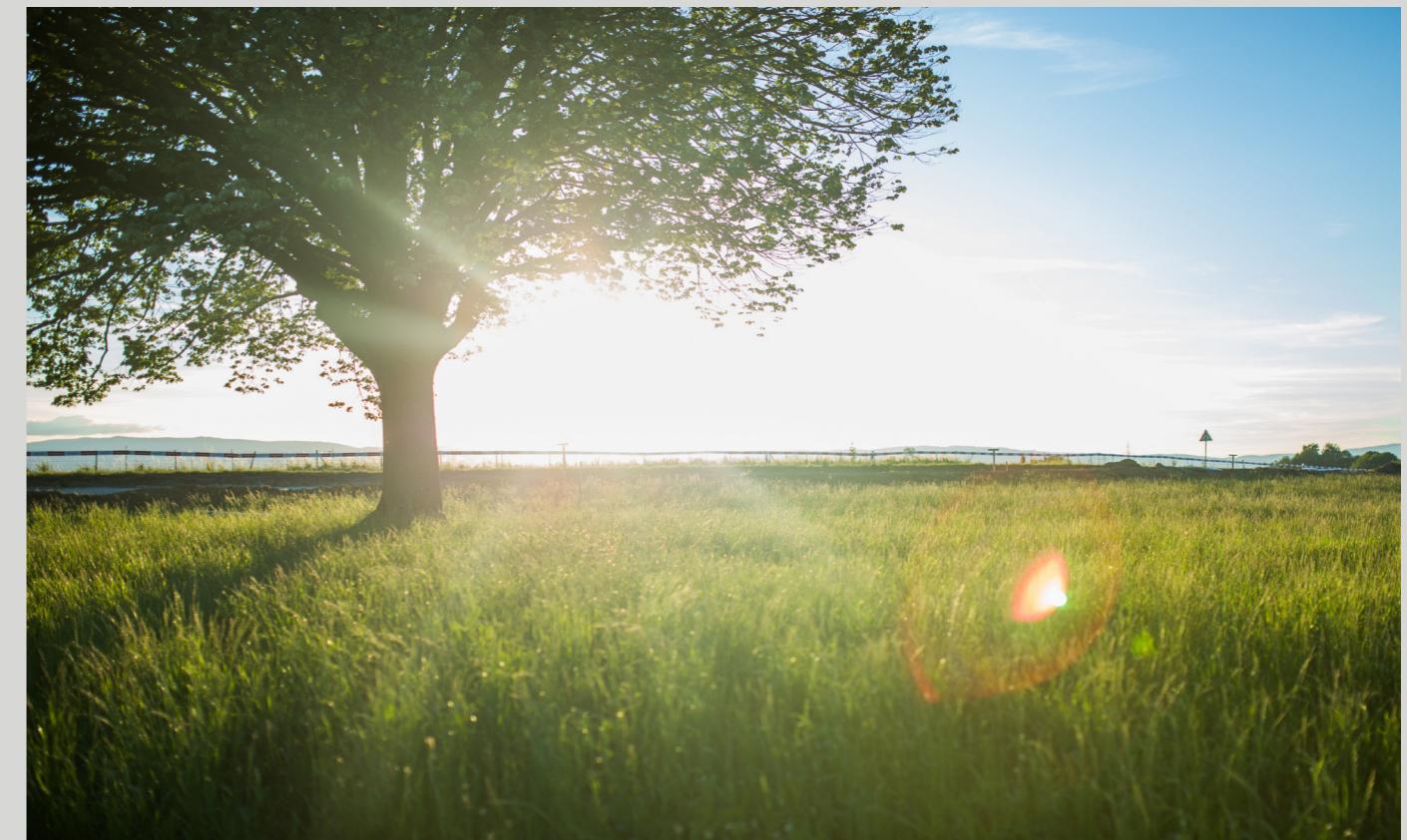
Digital Transactions: Promote digital transactions and online diamond trading to reduce the need for physical presence and paper documentation.

Restore:

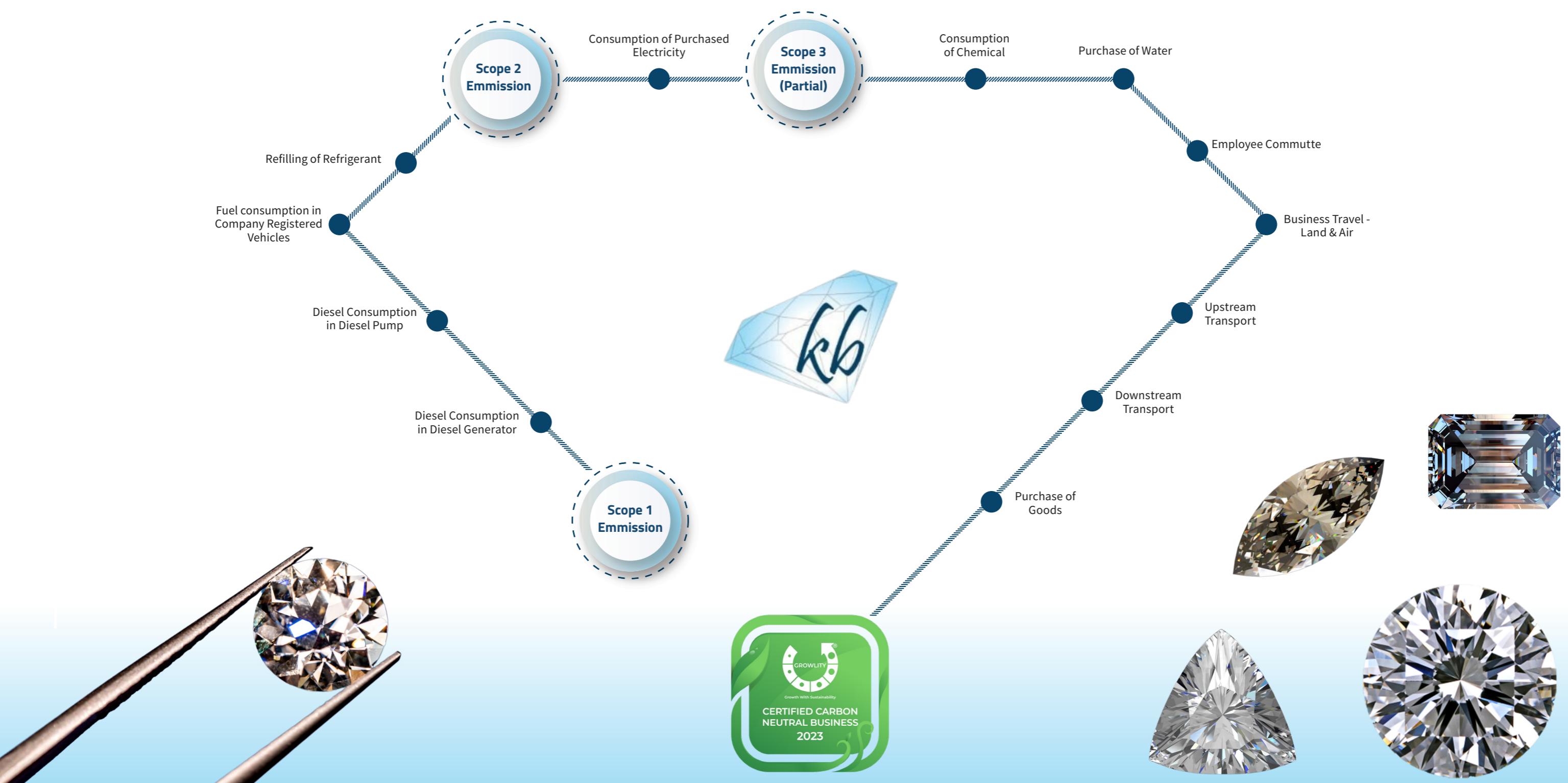
Environmental Offsets: Invest in carbon offset programs that fund projects like reforestation or renewable energy to balance out the company's carbon emissions.

Community Engagement: Support local community initiatives that focus on environmental restoration, such as park cleanup projects or tree planting.

Sustainable Certification: Seek certification or partnership with organizations that promote sustainable and ethical diamond trading to contribute to the restoration of the diamond industry's reputation.



Our Carbon Neutrality Journey





Ketan Brothers Diamondz Exports

BW-5010A, 5th floor, Tower B,
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