ENVIRONMENT

UN SDGs aligned

Environmental vision

Serve the preservation of our planet by shaping and sharing technology solutions

Adopt, invent and spread smarter ways to mitigate greenhouse gases (GHG) emissions, reduce energy consumption, manage water and waste. To make our planet stronger by consistently embracing clean tech in our operations and client solutions, thereby minimizing the impact on nature.

Performance on environmental goals

Environment vision 2030

Serve the preservation of our planet by shaping and sharing technology solutions

Material topics	Ambitions	Progress in fiscal 2024
Climate change	• Maintaining carbon neutrality across Scope 1, 2 and 3 emissions every year • Reducing absolute Scope 1 and 2 greenhouse gas (GHG) emissions by 75%[1] • Reducing absolute Scope 3 GHG emissions by 30%[2] • Engaging clients on climate actions through our solutions	• Carbon neutral across Scope 1, 2 and 3 emissions • Reduced Scope 1 and 2 GHG emissions by 60.1% over the BAU scenario • Reduced absolute Scope 3 emissions by 38.3% over the 2020 baseline • >50% of our large deal engagements include climate change solutions
Water	• Maintaining 100% wastewater recycling every year	• 100% of the wastewater in our campuses is recycled
Waste	• Ensuring zero waste to landfill	• This year, we achieved TRUE Zero Waste certification for our owned campuses in Bengaluru, Chennai MCity, and Pune Phase-2 through Green Business Certification Inc. (GBCI)

Note

[1] Corresponds to 75% renewable energy usage globally. This will be measured annually against the business-as-usual (BAU) scenario, which refers to regular operations without interventions such as renewable power or energy conservation initiatives.

[2] Measured against the 2020 baseline. Includes business travel, employee commute, and transmission and distribution losses as per ESG Vision 2030.

Climate change

The Infosys Crescent building in Bengaluru

CARBON NEUTRAL

in 2024, making it the fifth year in a row

Infosys' climate commitments

- As a part of our ESG Vision 2030, we have committed to maintaining carbon neutrality across Scope 1, 2 and 3 emissions, each year.
- Our Climate Pledge, (in partnership with Amazon and Global Optimism), is to become net zero by 2040.
- Infosys is the first Indian company to participate in the RE 100 initiative.
- Our emission reduction targets are validated by the Science Based Target initiative (SBTi).

Infosys building among G20 Iconic Buildings

When India assumed the G20 presidency in 2023, it adopted the theme of *Vasudhaiva Kutumbakam* (The World is One Family). Through India's presidency, the Bureau of Energy Efficiency (BEE) of the Government of India, together with international and country partners, aimed to showcase exemplary buildings and establishments to promote climate-sensitive design and behavior. The Infosys Crescent building in Bengaluru was selected as one of the 100 Iconic Sustainable Buildings globally and one of the 10 buildings in India by the G20 Indian Presidency.

The Infosys Crescent building stands as a testament to the transformative power of sustainable practices. Through passive design strategies such as natural daylighting, efficient insulation, and climate-based shading, we have minimized our dependency on artificial lighting and created a space that is not only visually appealing but also energy-efficient. Our in-house-developed innovative radiant cooling systems, equipped with state-of-the-art sensors and controls, ensure optimal indoor air quality and thermal comfort while minimizing energy consumption.

Our commitment to sustainability extends beyond energy efficiency. Our building materials have been carefully selected for their low environmental impact, with a focus on recycled content and locally-sourced materials. Water-saving features, such as rainwater harvesting and greywater recycling systems, further underscore our dedication to resource conservation and environmental stewardship.

Infosys
Navigate your next

ESG REPORT 2023-24

Pioneering Net Zero Buildings | The Infosys Journey

Energy efficiency is key

Action towards climate change requires equal focus on reducing demand as well as shifting to clean energy sources. With rapid urbanization and increasing contribution of buildings to global emissions, there is an opportunity to transform our cities into hubs of efficiency and adopt a low-carbon path. Energy-efficient buildings are no longer an option but a necessity as this sector is seeing unprecedented demand in energy.

From passive solar design to cutting-edge materials, from intelligent HVAC systems to energy-efficient lighting, the solutions are as diverse as the buildings themselves. The need to transition to cleaner, more sustainable energy systems has never been more urgent. Energy efficiency emerges as the lynchpin of this transition, a powerful tool to reduce energy consumption while maintaining or even enhancing the quality of our lives. Striking the right balance between energy efficiency and comfort would bring in benefits on health and environment, cost savings, comfort, and durability.

Infosys Chairman Nandan Nilekani and Prof. Amory Lovins at the book launch in September 2023.

Climate change advocacy

In this context, Infosys published a book "Pioneering Net Zero Buildings – The Infosys Journey", chronicling Infosys' efforts towards creating super-efficient buildings, thereby minimizing environmental impact.

The book launch was held in the Infosys Bangalore campus on September 11, 2023. The occasion was graced by Prof. Amory Lovins, American writer, energy advisor, physicist, and Chairman Emeritus of the Rocky Mountain Institute. He is also renowned for his work as an integrated designer of super-efficient buildings. He was joined by Nandan Nilekani, Chairman, Infosys. They engaged in a fireside chat to discuss technologies of the future that can help decarbonization at scale and speed for a Net Zero planet.

Pioneering change

The book provides a detailed account of energy conservation being one of the main pillars in achieving carbon neutrality at Infosys. The unique methodology, disruptive technologies and new benchmarks in buildings, captured in the book, are expected to guide and inspire companies, policymakers, academia, and other stakeholders in the industry.

At Infosys, we believe that meeting global climate goals requires shared learning and collective efforts by all stakeholders.

The case studies illuminate the achievements that can be realized when architects, engineers, researchers, builders, and policymakers join forces in the spirit of innovation and sustainability.

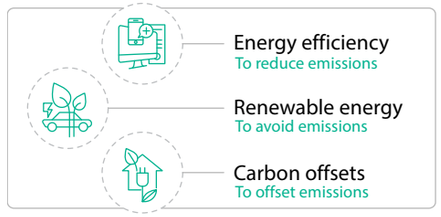
While it provides performance benchmarks, it acknowledges that, in the complex puzzle of sustainability, there are no silver bullets. There is a need to learn from both triumphs and setbacks, to build a collective understanding among various stakeholders of what it means to create infrastructure with minimum environmental impact. The right approach to Net Zero emissions and meeting global climate goals is only possible through collective efforts of all stakeholders.

The online version of the book is available at https://www.infosys.com/about/corporate-responsibility/documents/pioneering-net-zero-buildings.pdf

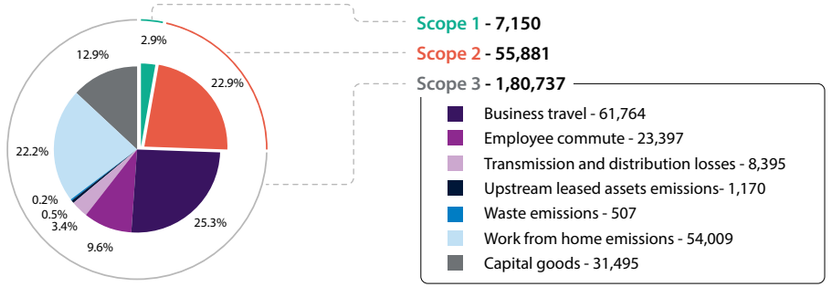
Climate action at Infosys

At Infosys, we are mindful of enforcing climate actions across our business and operations. We continue to be carbon neutral, for the fifth year in a row. We have made a mark in the global industry as a stalwart in green buildings, earning the highest level of green buildings certification for 29.6 million sq. ft. of our buildings. We continue to reduce our Scope 1, 2 and 3 emissions and are involved in several carbon offset projects across the country. These projects are not just instrumental in offsetting our carbon footprint but also create opportunities for communities to improve their health and education. We also engage meaningfully with clients to build products and services that will help them in their ESG performance.

Our approach to reducing emissions is three-fold:



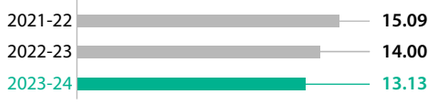
Where our emissions come from (in tCO2e)



Holistic approach to emission reduction

Most of the work around green buildings revolves around reducing operational costs by designing buildings efficiently, resulting in energy and water savings. It is important to consider a holistic approach that includes the life cycle carbon assessment of the building. Emissions related to extraction of raw materials, transportation of materials to site, and construction – termed as embodied emissions – contribute to the overall emissions of buildings. Though significant in a building life cycle, the embodied emissions calculations are not commonplace currently due to the efforts involved in sourcing material-related carbon data and tracking each material from its origin to site. To strengthen this evolving area of study and our commitment to decarbonization and environmental stewardship, life cycle assessment has been taken up for every new building at Infosys to understand the embodied carbon up to the construction stage and explore opportunities for reduction.

Emissions intensity
(tons of CO2e/MUSD revenue)



We have conducted an embodied carbon analysis for our upcoming buildings, adhering to the ISO 14040-44 standard. We have focused our analysis specifically on the product stage (A1-A3), which includes raw material supply (A1), transportation (A2) and manufacturing (A3).

Our analysis has revealed a range of embodied carbon emissions, from 650 $kgCO_2e$/sqm to 750 $kgCO_2e$/sqm, attributable to A1-A3 stage only. It's important to note that our analysis has concentrated solely on core and shell structure and facade elements, recognizing their significant contribution (over 75%) to the building's embodied carbon footprint. By conducting this comprehensive analysis, we are better equipped to make informed decisions regarding material selection, design choices, and construction methods, with the ultimate aim of minimizing our environmental impact and advancing sustainability within the built environment.

Our progress on green buildings

29.6 million sq. ft. of green buildings with the highest level of certification

The benefits of green buildings extend far beyond certifications, offering a multitude of advantages to both occupants and the environment. Through innovative design, construction, and operation practices, green buildings significantly reduce carbon emissions, mitigate climate change, and enhance energy efficiency. By incorporating energy-efficient features, such as advanced insulation, efficient HVAC systems, and accurate monitoring and control, these buildings minimize operational costs while maximizing occupant comfort and well-being.

Through our continued investment in green building initiatives, we strive to lead by example, driving positive environmental and social impact while advancing the principles of sustainability in the built environment.

Workplace transformation

Workplace transformation is currently being implemented at scale at Infosys. The reimagined workplace supports people to work in the hybrid mode and encourages people to work collaboratively. Transformed workplace aligning to the new normal increases productivity, health and wellness and provides a refreshing experience to the employees, while ensuring efficient usage of resources.

Infosys Vizag campus

- **Offices in tier-2 cities**
  With many employees preferring to work out of their base locations in tier-2 and 3 cities following the COVID-19 pandemic, Infosys made a strategic decision to open offices in tier-2 cities to help them work locally. This strategy is expected to have a two-fold impact: It can boost the local ecosystem and reduce construction in the big cities, thereby reducing pollution and water stress. In line with this strategy, in fiscal 2024, we opened two offices in Visakhapatnam (Andhra Pradesh) and Coimbatore (Tamil Nadu) respectively.

- **More distribution in tier-1 cities**
  To reduce the travel stress on employees and make tier-1 cities more distributed, Infosys has set up smaller offices within these cities. The Infosys North Gate office in Bengaluru is one such example. Along with reducing travel stress for employees, these have also created opportunities for local talent.

Visit by CEO of US Green Building Council

Having one of the largest certified green building footprints globally, Infosys was honored to host Peter Templeton, President and CEO, U.S. Green Building Council and Green Business Certification Inc., in March 2024.

USGBC team at the Infosys Crescent campus visit in March 2024.

During the visit, the CEO engaged with our leadership team, toured the campus, and participated in discussions highlighting our sustainability initiatives. The visit emphasized our alliance and collaboration with the USGBC, reinforcing our shared commitment to advancing green building standards and practices.

I had the privilege to visit the Infosys CRESCENT building in Bengaluru. It is a model for sustainable operations, reducing energy use by more than 40% compared to ASHRAE standards and water consumption by more than 60% against LEED baseline requirements. These kinds of real-world features and impacts at the CRESCENT and many other LEED-certified buildings in the Infosys portfolio prove that transforming our built environment is both achievable and scalable.

- Peter Templeton, President and CEO,
U.S. Green Building Council and Green Business Certification Inc.

Advocacy to drive societal change

Infosys campuses have set benchmarks in various sustainable practices such as energy efficiency, water conservation, waste management, and operational efficiency through continuous performance monitoring. They also act as platforms of learning and this has been emphasized by the visits to the campus by various government organizations, private entities, and academia. The campus visits create awareness on the best practices and demonstrate the benefits of efficient designs and innovative approach to buildings. Some of the important visits are listed below:

- A delegation from Pimpri Chinchwad Municipal Corporation's engineering department, along with representatives from the Alliance for an Energy Efficient Economy (AEEE), visited the Pune campus. The visit provided them insights on our cutting-edge energy efficiency measures and sustainable building practices.

Officials from the Pimpri Chinchwad Municipal Corporation's engineering department along with representatives from AEEE at Pune DC

- A delegation of the Indian Railways visited the Infosys Hyderabad SEZ campus. The officials witnessed the innovative methods adopted by the campus for conserving energy, and visited the 6.6 MW solar plant at the campus.

Delegation of the Indian Railways at Infosys Hyderabad SEZ campus

- A delegation from the National Power Training Institute visited the Infosys Bangalore campus as a part of their training program. The visit was to create awareness on best practices in electrical installations, energy efficiency in design, and operation of large buildings.

The National Power Training Institute's team at the Infosys Crescent building in Bengaluru

- Students from several academic institutes, from diverse backgrounds such as architecture, engineering and management, visited Infosys campuses to understand the various aspects of incorporating sustainability in practical applications.

Solar Decathlon India

Solar Decathlon India (SDI) is the world's largest net-zero building challenge and addresses the urgent need for climate action in India.

SDI is an annual competition that challenges undergraduate and postgraduate students to create innovative, net-zero, and climate-resilient solutions for India's building sector. Student teams partner with the industry to work on live projects with the larger goal of influencing industry practice and workforce development. The nine-month challenge concludes with a three-day final event where students from finalist teams present their work, and interact with leaders from the building industry.

Students and representatives at the SDI Finals 2023 in the Infosys Mysore campus

SDI Finals 2023 was hosted at Infosys Mysuru and the entire event was carbon neutral. A total of 650 students, faculty and industry mentors stayed on the Infosys Mysuru campus and participated in an intensive four day engagement comprising presentations, exhibitions, an internship fair and a tour of the Infosys Mysuru campus showcasing sustainable practices. A jury of Infosys leaders selected the winner of the Climate-Smart Innovation Award.

Highlights:

- The 2022-23 SDI Challenge was the largest net-zero building challenge in the world with participation from 1,780 students representing 126 colleges from 50 cities across India.
- 36 net-zero energy and water building solutions were presented at the event.
- 12 industry innovations addressing climate change were exhibited to 650 attendees.
- 400 students received employment opportunities from more than 30 organizations working in the area of building decarbonization.
- 650 people experienced the functioning of one of the most sustainable campuses in the world.
- 120 industry representatives interacted with 400 students.

Decarbonizing our value chain

Infosys has been a leader in climate action for many years due to its affirmative action in mitigating climate change impacts. This has led to the framing of Infosys' ambitious ESG Vision 2030 and signing of The Climate Pledge to be net zero by 2040. Infosys has been reporting environmental information through the Carbon Disclosure Project (CDP) for close to two decades and has actively undertaken efforts to reduce environmental impact of its operations, promote environmental stewardship in its supply chain and mitigate risk. To meet these ambitious targets, Infosys expects its supply chain partners also to align and move in the same direction. Infosys embarked on a supply chain decarbonization journey during this financial year.

Purpose of the initiative

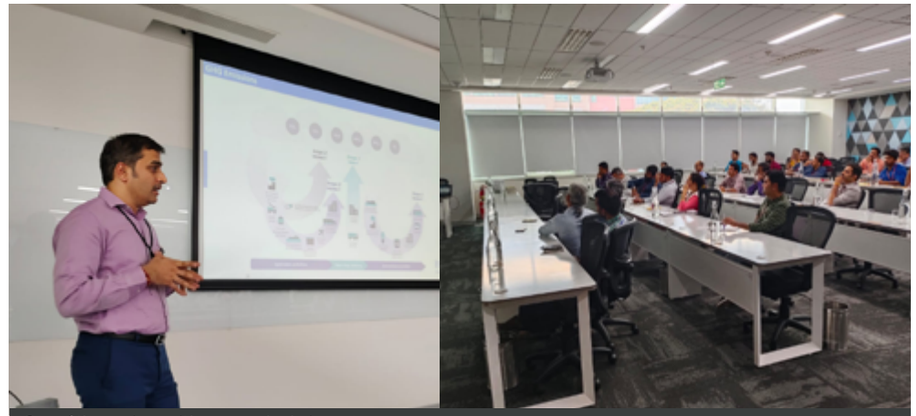
To achieve meaningful progress in our climate action journey, it is crucial for suppliers to align their climate change ambitions with Infosys and work together towards a common goal. This will enable the entire ecosystem to grow and move towards climate change mitigation and adaptation. Learnings from this journey will help us ensure that the entire supply chain is equipped to handle future regulatory requirements by having an early mover advantage and implement strategies to combat climate change, more effectively.

Action

In order to support early adoption, we organized four in-person training sessions for our suppliers, representing a large part of our capex. The sessions focused on climate change and the knowledge required to facilitate accurate climate change disclosures including best practices in monitoring, maintaining, and improving data capture methodologies, emissions monitoring as well as calculation techniques applicable to the organization. The workshops leveraged Infosys' benchmark practices in environmental sustainability while offering learners an opportunity to experience our campuses, which are also referred to as 'living labs' for clean technologies.

Way forward

Climate change impact reduction is not possible without collective action. We believe our efforts will catalyze climate change actions across the supply chain. The engagement with our suppliers will enable us to have more accurate data and this in turn will facilitate the procurement of products that are manufactured in a climate-friendly manner from environmentally-conscious suppliers resulting in overall climate change impact reduction. While delivering this, our valued suppliers would have also embarked on the journey of climate action.



One of the sessions with our supply chain partners

Continued benefit through carbon offset project

Infosys carbon offset projects have been designed to create both social and environmental impact. The projects, which are being implemented since 2016, continue to benefit more than 2,64,000 families, through the improved cook stoves and the biogas units distributed to rural farmers. Here are some examples:

The Ramanagara biogas project, which was implemented in 2016, continues to function well and benefit 7,620 beneficiaries. Their lives have changed for the better, thanks to the beneficial schemes for the government, their own tireless work and the biogas units distributed by Infosys. The avoided spend on LPG and better health due to smokeless cooking have contributed to their overall well-being.

Meanwhile, the cookstove project in Meghalaya is helping women significantly. The Garo communities in this region rely on the forest for their energy needs. This requires the women of the families to walk deep into the mountainous forest to bring back heavy loads of wood in bamboo baskets strapped to their heads. Most of their time every day is spent in thus collecting firewood. The improved cook stoves distributed by Infosys have reduced the firewood collection trips by half, in addition to improving the indoor air quality in the households. This has improved their overall livelihoods and given the women the opportunity to spend their time doing more meaningful work.

Heavy loads of wood carried by women.

Climate action and gender equity through household biogas

A Biogas unit at a farmer's home.

More than 70% of rural households[1] still use the traditional three stone stoves.

Some households that have LPG connection under government schemes cannot afford the recurring refill cost. Constant supply is also difficult in remote areas. Women and girls often spend a significant amount of time collecting firewood, which not only endangers their safety but also requires them to engage in more menial tasks. With women being predominantly responsible for cooking, this can limit their opportunities for education, employment, and personal development. Traditional cooking methods also generate a lot of smoke from cooking resulting in GHG emissions. This affects the health of women and children in the household.

In the risk that these women were facing, the Infosys team found an opportunity to address two issues – climate change and gender inequity. An opportunity to reduce greenhouse gas emissions and also empower women.

The biogas units supplied by Infosys have been installed in the households of small and marginal farmers in rural areas. A detailed document capturing the project is given here:

Whitepaper on biogas (infosys.com)

[1] Which is the Primary Cooking Fuel in Indian Households? CEEW Study

Improving digital literacy of women through carbon offset projects

Infosys carbon offset projects have enhanced the lives of more than 2,64,000 households through the social, economic and environmental benefits created by the program. One such benefit is the digital literacy created by the program.

Our project partners have been equipping women 'monitors' (women identified to monitor the projects), to use digital technology for beneficiary identification, distribution and monitoring of the project. In general, men have more access to technology or devices in rural settings and this initiative has largely helped bridge the gender gap.

Our project in Rajasthan

The digital monitoring journey in Rajasthan began in 2020. It started with a pilot project in which basic smartphones were given to five monitors. Soon enough, the partners realized the challenges of rural India. The battery of the basic smartphones was getting drained quickly and without electricity, the women could not charge the phones. Network reception was either not available or extremely poor and the applications did not work. There was also general scepticism among rural women to use smartphones due to lack of knowledge and understanding of the technology.

Basic phones were replaced with smartphones and in the last four years, the project partners at Udaipur have conducted relentless training and capacity building of the monitors. As a result, today, 400 monitors are monitoring the cookstoves usage of almost 50,000 households.

The project partner, in their training sessions, have always emphasized on the appropriate way to use smartphones and have spread awareness about its potential dangers if used inappropriately. The monitors are also eager to teach their children how to use these smartphones.

One such story is that of Nirmala Devi from Kojawada, who never used a smartphone before but now is monitoring the condition of cookstoves for several households in her village and updating them on the app regularly. She found that digital monitoring can eliminate all the manual paperwork she used to do for monitoring and billing, it also helps her understand her monitoring percentage effectively and plan the month accordingly. She then started to use her smartphone to watch the local news and now feels empowered. She takes pride in working for the betterment of the health of the village women and the environment through the cookstoves initiative and emphasizes the importance of the smartphone and digital technology in easing this journey for her.

A woman monitor using smartphone to track and monitor the distributed stove

Our project in Nagpur

In Nagpur, Maharashtra, many women in the project were initially unfamiliar with modern technology, and have undergone a transformative journey in embracing digital literacy. With the use of advanced software for data collection, the volunteers, especially 12 monitors, have successfully conducted surveys essential for the biogas project. The project provided these women with a unique opportunity to develop practical skills in using smartphones and specialized software. As they engaged in data collection related to the working condition of biogas plants, they acquired proficiency in handling digital devices, navigating software interfaces, and ensuring accurate and efficient data entry.

The newfound digital literacy skills have translated into tangible economic benefits for these women. Beyond personal empowerment, these women have become inspirational figures within their communities. Their success stories are contributing to changing societal perceptions about women's capabilities, challenging traditional gender roles, and fostering a more inclusive environment. With their newfound skills, they are better positioned to explore further opportunities in the digital economy, enhancing their long-term prospect.

Woman monitors engaging with the farmer community

Engaging clients on climate solutions

>50% of our large deal engagements include climate change solutions

Infosys continues to strengthen its position in delivering practical, impactful, ethical and holistic ESG solutions to its clients based on the following strengths:

Strong delivery capabilities

Our strong delivery capabilities include:

- **Partnerships**: Combining partner capabilities to amplify client impact
- **AI and data analytics:** Leveraging the most recent advancements in generative AI, deep learning and data analytics
- **Innovation**: Developing innovative sets of solutions to transform operations and supply chain
- **Expertise**: Leveraging the cross-unit capabilities of Infosys

Services

- ESG Data and Analytics
- Green IT
- Energy Transition
- Smart Spaces
- PLM Circularity
- Decarbonization
- ESG for Finance
- ESG as a Service
- Sustainability Advisory and Sustainable Procurement

Carbon neutrality leadership

Infosys became carbon neutral in 2020, 30 years ahead of the timeline set by the Paris Agreement. As part of our ESG Vision 2030, we have committed to be carbon neutral each year.

Our deep, internal expertise spanning over a decade lies on running some of the most efficient real estate operations. Infosys operates over 56 million sq. ft. of real estate across campuses in India out of which nearly 50% of our portfolio is LEED Platinum certified for the highest level of operational efficiency.

Clients experience a direct positive impact on their ESG metrics with Infosys as a carbon neutral service provider. We continue to reduce our Scope 2 and Scope 3 emissions to reduce our overall carbon footprint net of offsets.

Achievements

- Carbon neutral five years in a row across Scopes 1, 2 and 3
- 29.6 mn sq. ft. of office space with the highest level of green building certification
- 60.2 MW installed solar capacity
- Community-based carbon reduction programs

Thought leadership

Infosys is recognized as a global sustainability leader, showing the way in best practices, commitment and investment. We are rated as a top provider of sustainability services and is known as a thought leader in providing insights in research and innovation.

Recognition

- WSJ: "World's 100 Most Sustainably Managed Companies"
- Ethisphere: "World's Most Ethical Companies"
- UN: Global Climate Action Award
- Global ESG leadership ratings

Partnerships

In fiscal 2024, we saw an exponential increase in our client conversations on sustainability. We are increasing our engagement footprint across a vast spectrum of clients and their sustainability challenges. We have opened up partnerships with independent software vendors (ISVs) providing ESG reporting and analytics capabilities, conducting supply risk analysis and due diligence support, operations, health and safety improvements, Green IT and IT asset lifecycle management just to name a few. Our partnerships with large ISVs, enterprise applications suite and cloud providers continue to add the sustainability impact as a differentiating dimension.

Our partnership footprint includes:

- Major technology and solution providers
- Major research institutions
- Governmental and non-governmental organizations

Partnerships

- Google, AWS, Microsoft, SAP, IBM, Salesforce, BMC, HPE, and hundreds more
- The Economist Group, Financial Times
- MIT, UC Berkeley, Arizona State Univ.
- World Economic Forum

Growing our public / private partnership footprint

WEF Smart City Policy Initiative

During a G7 official public-private event held in Tokyo on March 28, 2023, the G7 Sustainable Urban Development Ministers, World Economic Forum and industrial leaders such as Infosys gathered to call for comprehensive climate action plans. Infosys has since led a multinational, multi-stakeholder public-private taskforce developing green building principles though "model" policies. Taskforce outputs, such as the Whole Life Carbon Assessment Mandates, support the mission of the WEF Net Zero Carbon Cities Initiative to reduce built environment carbon emissions.

Sustainability Day at Hershey's

Infosys had a strong presence at Hershey's IS Annual Conference at Hershey HQ in Pennsylvania with its Sustainability theme. Hershey IT and business leaders attended the conference that consisted of partner breakout sessions and an Infosys booth. Infosys showcased Sustainability, AI, and Human Experience capabilities and captured 25 leads across all the three areas. Infosys also signed up 98 people to have personal cacao trees planted in Ecuador; they will be able to name the tree, track its growth online, learn about the individual who actually planted the tree for them and see the carbon impact.

AWS Sustainability Day

Infosys teamed up with the AWS Sustainability Day, a premier invite-only day of inspiration, thought leadership, and panel discussions designed for leaders who have a vested interest in sustainability, IT professionals, and builders across all industries who are committed to reducing costs while protecting the environment.

A glimpse into some of our solutions

A variety of our engagements helped improve the ESG performance of our clients as well as enhance the sustainability ratings of the services and products they provided to their customers. Many of these solutions were bespoke to address the unique nature of our clients' business.

ESG platform for food distribution

A global leader in food distribution was facing the challenges of demanding regulatory requirements, sustainability commitments, and the need to turn ESG data and more sustainable products into sources of greater revenue. Infosys acted as the primary system integrator for the client, working directly with supplier engagement, master data management, accounting, Salesforce ERP, and e-commerce teams and systems to enable the gathering and sharing of numerous ESG data streams across enterprise systems. The Infosys solution enables tracking of product attributes including food certifications, organic and fair-trade claims, etc., from suppliers through to e-commerce systems, enabling the customer to sort, search and filter product catalogs.

Product carbon footprint tracking

For a large rail equipment and systems major, Infosys is helping to deploy a system to track Scope 3 emissions across a large panel of suppliers for delivering an increasingly diverse portfolio of products across mass transit transportation, railway freight, mining, and digital applications. Infosys' solution enables the client to adhere to the rapidly-evolving EU regulations and helps to track product decarbonization and ESG performance, while supporting the monitoring of its GHG reduction targets.

Building certifying platform

For a leading international financial institution, Infosys has helped in platform development that facilitates the process of obtaining green building and zero-carbon certifications. This platform evaluates buildings based on their energy, water, and embodied carbon footprint, and awards certifications to those that achieve at least 20% savings across all three categories. It helps the platform users to prioritize funding for specific retrofits and decarbonization measures due to improved building performance and reduced emissions.

Gen AI ESG analytics solution

For a multinational diversified financial services company, Infosys has developed a generative AI-based solution, which can extract information from ESG reports and provide a summary to allow the user to ask contextual questions to the document. It helps reduce onboarding time for new analysts, helps analysts to accelerate, and reduces dependency on domain expertise and traceability of generated content for validation.

GHG emissions tracking for biofuels

For a leading sugar manufacturer, Infosys enabled accurate tracking of embedded carbon in the manufacturing and transport of ethanol as biofuel. Infosys' solution helped the client to calculate sustainability characteristics of the bioethanol from the farm to the gate of the customer. The solution ensured high accuracy and traceability of data entry compliant with RED reporting directive.

Data platform for green investing

For an investment management division of one of the world's largest asset management companies, Infosys implemented MSCI- and TCFD-based methodologies by defining a large set of KPIs and derived metrics tracked for reporting the fixed-income fund universe. Infosys leveraged the best practices defined by its ESG intelligence cloud solution framework for the solution, which helped the client and its end consumers with accurate regulatory reporting of enriched ESG metrics benchmarking of portfolios based on ESG performance factors, effective measurement of risk and thereby sustained long-term value creation.

Supply chain risk due diligence

For a leading Nordic Bank, Infosys helped to integrate and compile the new facility and employees GHG emissions data (Scope 1, 2, and 3). Enhanced sustainability reporting with streamlined and automated emissions reporting ensure accurate GHG emission calculations for the dedicated facility for the client, and supply chain due diligence compliance.

The supplier risk assessment methodology was analyzed for the client and Infosys against Corporate Sustainability Due Diligence Directive (CSDDD) requirements and this helped develop an improved risk management plan.

Gamified solution to improve ESG behavior of tenants

For a leading real estate developer in the South Asia region, Infosys developed an integrated data platform aimed to help its tenants and employees capture and report their sustainability data. The end-user app enables tenant employees to engage in adopting sustainable practices in their daily work and get rewarded through coupons and equivalent rewards. The platform gamifies sustainability practices.

Enhancing green IT awareness

For one of the largest European banks, Infosys helped develop the sustainability awareness of its employees and internal stakeholders through a series of sessions. The session documents are prepared considering the different material topics of GHG emission and energy usage reduction through different engineering initiatives and innovations. The use cases are explained through the levers of sustainable IT strategy and governance. This helped the client to accelerate the sustainability IT mindset and prioritize green IT practices within the organization.

Workflow for green loans

A large Australian bank wanted to be the leader in green loans in the market. Infosys assisted them by creating end-to-end lending originations process flows for all green loans and implementing the same across the various systems and processes of the bank. The wider lending rules and processes were updated to the new environmentally responsible policy and processes through workshops and online sessions. Specific training courses were created to empower teams and individuals to build a sustainable culture across the organization.

Enablon incident management

For a large railroad major, Infosys played a pivotal role in the successful implementation of Enablon Go desktop and mobile version of the incident management module. Infosys ensured a seamless integration of the module, enabling them with real-time hazard identification, incident reporting and risk mitigation, which not only prioritized worker safety but also optimized operations providing the customer with measurable safety improvements. This digital solution helped them win a government safety award a testament of their commitment to worker well-being and safety.

WATER

Around two billion people worldwide do not have access to safe drinking water today. Only 0.5% of water on Earth is useable and available as freshwater, and climate change is dangerously affecting that supply. Statistics show that at least 50% of the world's population – around four billion people – live under highly water-stressed conditions for at least one month of the year. These levels of water stress put people's lives, jobs, food, and energy security at risk. Without better water management, water stress is set to worsen with population growth, economic development and climate change. Sustainable water management is pivotal to building the resilience of societies and ecosystems and reducing carbon emissions.

Infosys operations span across countries that are declared highly water-stressed based on World Resources Institute (WRI) and local studies. This has led us to recognize water security risks and we are committed to sustainable water management through enhancing our operational water conservation processes and expanding our community outreach. The details of water withdrawal in water stress zones is available in the Business Responsibility and Sustainability Report (BRSR) that forms part of the Infosys Integrated Annual Report.

Our strategies on water conservation are achieved through the 3R (Reduce, Reuse, Recycle) approach. We are determined to reduce our water footprint and enhance water availability in the communities where we operate through focused efforts on this front.

Our water strategy

We have adopted a 'Planet Positive' approach by implementing comprehensive water conservation and rejuvenation strategies. This approach encompasses several initiatives, such as efficient water management practices, rigorous reporting practices, identification and addressal of water leaks, integration of new technologies that minimize water usage, construction of rainwater harvesting structures, adoption of ponds for water storage catering to both reuse of harvested rainwater and recharge of underwater aquifers, and advocating to stakeholders on water conservation.

The various facets of our strategy

Low water design
Minimize water impacts in the design of products, services, and sites

Conservation efforts
Practices to improve site efficiencies

Wastewater management
Improve water availability, quality, and access through regenerative approaches

Rainwater harvesting
Demonstrate responsibility beyond our facilities through watershed-level management

Reduce freshwater footprint
Procurement of greywater for secondary purposes

Leadership and advocacy
Advance water management through policy, advocacy, and awareness to stakeholders

Water quality and compliance
Monitor and maintain the quality of the water that we use and discharge and ensure 100% adherence to applicable legal requirements

Incremental efforts
Towards water-positive campuses

Water intensity (KL/MUSD)

2021-22	80.46
2022-23	124.90
2023-24	122.17

A. Low water design

Our strategies begin with the design of our buildings, ensuring use of an integrated water management approach to ensure minimization of water impacts through operations. Water demand is minimized by measures like low-flow fixtures, dual flush toilets, pressure regulating valves and smart metering. Water savings is also achieved with:

- Incorporation of aspects such as subsoil drainage system below the basement parking to ensure no water pressure on the structure, thereby also collecting subsoil water for use in landscaping and cleaning
- Roof rainwater harvesting infrastructure to ensure utilization of harnessed water for potable purpose
- Surface rainwater recharged into the ground water tables through injection wells
- Installation of Sewage Treatment Plants (STPs) to recycle the wastewater generated in the campus, which is used for flushing, landscaping and cooling tower makeup water requirement, making our campuses a zero-discharge facility.

B. Conservation practices

Water is used for human touch purposes only at Infosys and 100% of our water withdrawal from various sources has Total Dissolved Solids (TDS), which is less than 1,000 mg/L. Thus, it is considered as freshwater and most of our withdrawal is through municipal providers. To conserve freshwater in existing buildings, we take measures to reduce demand and 100% of wastewater is recycled within our campuses. Water distribution and treatment strategies have been enhanced with re-engineering and modifications. Real-time monitoring of data is done with smart water metering systems.

1. **Smart water metering**
   Smart water meters have helped us plug leaks, identify opportunities for savings and get valuable insights for new designs. We have leveraged technology to monitor and control our water consumption leading to significant reduction in per capita consumption per day over the years.

2. **Smart irrigation systems**
   This is an initiative which helps reduce landscape irrigation by planning with lesser grass cover, use of native species and continued development of irrigation infrastructure like automated irrigation and drip irrigation, among others.

C. Wastewater management

Wastewater across our campuses is entirely recycled and used for irrigation, flushing and air-conditioning. We are retrofitting our existing systems to upgrade the quality of treated wastewater in line with applicable norms. We manage around 31 STPs across India locations to handle around 19.4 MLD of sewage. Of the 31 STPs, 28 STPs operate on the latest Membrane BioReactor (MBR) technology. The 40 KLD Sequential Batch Reactor (SBR) plant at our Gurgaon campus was converted to MBR during fiscal 2024. During the year, we recycled 100% of wastewater generated on our campuses through STPs to the tune of 12,70,284.01 KL and have reduced the requirement of freshwater sourcing to that extent.

31 STPs with **total treatment capacity of 19.4 MLD** in India campuses

D. Rainwater harvesting

An important feature of our water stewardship goal is rainwater harvesting. Our India campuses are equipped with rooftop rainwater harvesting, harvesting tanks, recharge wells and artificial lakes. These reduce our external freshwater dependency and help to replenish the groundwater table in the areas we operate in. During the year, roof rainwater harvesting system was implemented at our campuses in Thiruvananthapuram, Mysuru and Bhubaneswar. Around 24,000 sq.m. area of roof was enabled with rainwater harvesting in fiscal 2024. Rainwater intake has been increased by 16% compared to fiscal 2023. Around 14% of the total consumption was met through rainwater harvesting.

Rainwater collection in India (KL)

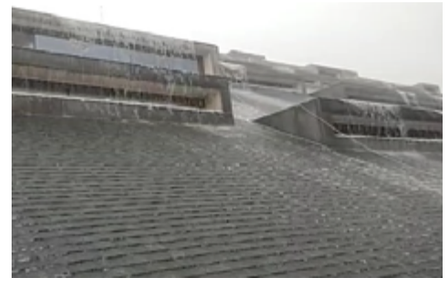
Fiscal 2023	2,26,261
Fiscal 2024	2,62,929

Percentage rainwater usage (India)

Total water consumption-India (KL)	Rainwater collected (KL)	Rainwater usage (%)
18,75,975	2,62,929	14

Roof rainwater harvesting

Most of our buildings are enabled with roof rainwater collection and filtration mechanism. This water is being used for primary applications after necessary treatment. Rooftop rainwater harvesting systems have helped us offset freshwater purchases from external sources.



Around **18.5 lakh sq. ft. of roof area** enabled with rainwater harvesting

Surface run-off water collection through artificial lakes

We have created 40 lakes across our India campuses, with a holding capacity of 430 million liters of rainwater. Water from these lakes have been reused for secondary purposes after necessary treatment.

We have observed a significant increase in water tables in the areas where we have created these lakes.

Injection wells for groundwater recharge

We have created around 405 deep injection wells across our campuses in India, having a combined recharge capacity of over 20 million liters.

E. Greywater procurement

Greywater procurement (KL)

Fiscal 2023	23,972
Fiscal 2024	55,589

We procure secondary quality water through authorized agencies / authorities to meet the demand for landscaping applications. This helps us reduce our freshwater dependency. During the year, we procured 55,589 KL of greywater at our Bengaluru and Hyderabad campuses.

F. Leadership and advocacy

Infosys is committed to addressing environmental challenges and driving change as a responsible member of the community. We exhibit our water stewardship through a combination of efforts within the organization as well as among communities, such as rejuvenation of lakes in the vicinity of our campuses. We actively engage with multiple stakeholders to not only drive awareness but also share best practices that can be replicated at scale.

G. Employee engagement

We proactively engage with our employees to create ambassadors for water conservation. On World Water Day in March 2024, we promoted awareness on the water conservation approach of Infosys as well as methods that can be adopted by employees at their homes and communities. Stalls with displays of the latest technological interventions for water conservation were organized across locations. Some of the other initiatives included water management-based site tour for employees, sessions on water management at Infosys, poster displays and communication mailers.

Stalls of water products at the campus

H. Water quality and compliance

We have made it a priority to maintain the quality of the water we use and discharge so that it will be suitable for its next use, contributing to the overall health of local watersheds. We adhere to statutory norms and regulations in all the states and countries where we operate and maintain careful monitoring systems to track the same. We have also established a real-time wastewater quality and quantity monitoring system and strengthened water quality inspection mechanism by integrating it to our online Building Management System (BMS) to monitor the data.

Going beyond legal and regulatory obligations, at Infosys, we have always been at the forefront of ensuring compliance through responsible business practices. As a global company, we abide by all international and national laws and uphold the standards of transparency and accountability. We ensure adherence to all applicable legal requirements in the regions we operate in, including India's Water (Prevention and Control of Pollution) Act, 1974 and the Central Ground Water Authority (CGWA) guidelines.

Doddathogur Lake, Electronics city

I. Incremental efforts for water positivity

Infosys regularly assesses water-related risks. In 2022-2023, CII conducted Scope-1 water footprint audit at Infosys' E-city campus in Bengaluru, defining real water resource offsets covering both quantity and quality offsets (based on direct or real water used for the plant operations) criteria as per NITI Aayog guidelines. The assessment showed that direct water use, and indirect energy water use in facilities amounts for less than 1% of E-city campus overall water footprint.

As an outcome of the audit, Infosys Bangalore DC successfully achieved the Scope 1 Certification and was recognized as an "Aspiring Water Neutral / Positive Campus" during the 9th CII Water Innovation Summit on December 12-13, 2023, at New Delhi.

Water stewardship in the community

Water is a scarce and invaluable natural resource, and we are strongly committed to its conservation. Infosys has been a signatory to the CEO Water Mandate, since 2014. We continue to strengthen our water stewardship practices in our operations and extend our efforts to the community. Here is a case study of a lake revival project in Bengaluru through the Infosys Foundation.

Doddathogur Lake, located in the south of Bengaluru; was once a vital drinking water source. However, the unchecked discharge of sewage and solid waste severely polluted its waters, disrupting the delicate balance of its ecosystem. The consequent decline in water holding capacity, compounded by silt deposition and groundwater contamination, posed significant health and environmental hazards to the local community. The stagnant sewage deposits caused an unbearable stench in the area. Additionally, the reduced capacity of the lake caused an overflow and flooding of the surroundings during the monsoon.

Today, this once-polluted lake has been cleaned and made ready for the monsoon, thanks to the Foundation's efforts. Additionally, a walking track of about 2 km, afforestation with 1,600 trees and 10,000 plants has improved the surroundings significantly. This is an example of our lake rejuvenation initiatives covering five lakes and successfully transforming 197 acres of once-neglected water bodies into thriving ecosystems. The plans included objectives of storage capacity enhancement, groundwater recharge, drinking water accessibility, agricultural support, catchment area improvement, environmental sustainability, community engagement, and creating a space to promote residents' health and wellness.

For more refer: https://www.infosys.org/infosys-foundation/about/reports/documents/infosys-foundation-report-2023-24.pdf

Waste management

According to The World Counts website, human beings dump so much waste on Earth in a year that if all this waste was put on trucks, they would go around the world 24 times. Another World Bank study said the current global waste generation levels are approximately 1.3 billion tons per year and is expected to increase to approximately 2.2 billion tons per year by 2025. This represents a significant increase in per capita waste generation rates, from 1.2 to 1.42 kg per person per day. According to the Intergovernmental Panel on Climate Change (IPCC), municipal solid waste is expected to reach approximately 3.4 Gt by 2050. All these statistics show that waste management is a crucial challenge globally and the time to act on it is now.

The 5R principle of waste management

Infosys recognizes the importance of dealing with waste in a manner that does not negatively impact earth. Our waste strategy encompasses the principles of Reduce, Reuse, Refurbish, Repurpose, and Recycle. By actively minimizing waste, investing in recycling equipment, and optimizing systems and procedures, we hope to achieve our goal of zero waste to landfills. We contribute to a circular economy through our efforts on conversion of waste into resources and working with suppliers who support achieving the same. Infosys has implemented comprehensive waste management procedures, emphasizing the collection, sorting, and elimination of waste. Infosys' waste management practices include source segregation, secondary segregation, effective waste processing and collection, recycling, and efficient disposal of all wastes in compliance with relevant laws. This makes it possible to lessen adverse environmental effects.

Our environmental ambitions to be carbon neutral each year focuses on making abstemious use of fresh water and recycling 100% of waste water, while ensuring zero waste to landfill. Our progress is reported through our annual ESG report publications.

Waste handling at source

The basic categories into which we classify waste are hazardous and non-hazardous. Based on the generation at the campus, the waste is monitored and managed. It is a common practice to store different types of waste separately. Bins are color coded / labeled according to the different categories of waste to aid segregation at source. We ensure adherence to legal requirements for storage, transportation as applicable in instances like hazardous waste.

Material recovery from waste – Recycle

Biogas

- Our campuses have been equipped with biogas plants, which is based on the bio-methanation process to manage food waste and landscaping waste. The resultant biogas generated serves as a substitute for LPG in our food courts. The by-product slurry is dried through sludge drying beds near our biogas facilities and is used as manure for landscaping within our campus.
- The bio-methanation plants / bioreactors in Infosys are high-rate digesters where the organic loading rate is significantly higher even when it is loaded close to its rated capacity. The quantum of biogas generated, reused and the LPG equivalent for the same across biogas plants installed in India is tabulated below.

Infosys site name	Installed capacity (tons/day)	Biogas (m^3)	Approximate LPG equivalent (kg)
Bangalore - E-City	1.5	17,355.95	49,000
Hyderabad - SEZ	1.75	26,206.08	
Pune - Phase 2	2.0	14,342.52	
Mysuru	2.0	17,816.36	
Thiruvananthapuram	0.35	6,824.96	
Hyderabad - STPI	0.45	6,786.42	
Mangaluru	0.2	4,918.23	
Bhubaneshwar	0.4	4,194.90	
TOTAL	8.65	98,445.42	

Composting

Composting practices comprising manual vermicomposting beds and organic waste converters are used to convert landscape / garden waste into compost, which is then used as organic manure in our landscaping applications.

11 Organic Waste Converters (OWC), which **generate 300.82 MT of compost annually,** are installed across India locations.

Vermicomposting is practiced in 6 of our campuses - Bhubaneshwar SEZ and STPI, Mangaluru, Pune Phase 1 and 2 and Jaipur. **We generated and reused 755.28 MT of vermicompost in fiscal 2024.**

Construction and demolition waste

Of the construction and demolition waste generated across India locations amounting to 38,340.11 tons, we sent 35,961.97 tons to an authorized recycler who manufactured bricks and blocks using the debris and reused for land leveling during the year.

Other waste

Paper, plastic, metal waste etc., are recycled, transformed into new forms of use, and then recirculated into the supply chain.

Material recovery from waste – Reuse

We pursue a waste hierarchy, and we prefer reuse over recycling. Waste generated at source gets segregated and evaluated for reuse. Construction and demolition waste is sent to government authorized landfill sites, which is reused for land levelling and other purposes by the municipal corporation. Used oil from kitchens is utilized in biogas plants as it has high codigestion COD (Chemical Oxygen Demand) levels, which in turn generates increased biogas. Dried section sludge from STP and biogas slurry are reused as manure within campus. During the year, 804.99 tons of manure was generated and used in our campuses.

Waste to energy: Co-processing

Co-processing achieves a superior environmental performance as compared to landfill and incineration, which can be demonstrated through lifecycle assessment of waste. The process involves use of waste as a raw material or source of energy in place of natural mineral resources and fossil fuels. Waste with a high calorific value that cannot be recycled or repurposed is typically chosen for co-processing. Some waste materials collected by Infosys are sent to be co-processed, including tetra packs, tea bags, rubber waste, paper packaging, low-value plastic, plastic gunny bags, thermocol, foam, carpets, discarded mop refills, ceramic waste, flex banners, artificial grass mats, floor mats, glass waste, etc.

Waste disposal options

The stringent laws regulated by the Central Pollution Control Board (CPCB) and the State Pollution Control Board (SPCB) guidelines for hazardous waste such as bio-medical waste, oil-soaked cotton, oil filters from DG sets, and other wastes are disposed of through authorized agencies. These agencies incinerate the waste as per prescribed guidelines. The resultant ash is sent to Treatment, Storage, Disposal Facility (TSDF) landfills for safe disposal and in a few locations, it is diverted for cement manufacturing.

We focused our efforts over the years on diversion of municipal solid waste generated on our facilities, which we address as mixed waste. We have dedicated authorized vendor partners who support us on collection, sorting and disposal of this waste to ensure minimal waste to landfills and maximize recycling.

We have diverted 95.03% of waste from landfills during the year.

E-waste management

As we are an IT company, e-waste generation is inevitable. We have been persistent in our efforts to ensure that we reduce, reuse, recycle and dispose e-waste responsibly. Our e-waste includes IT equipment, mobile phones, printers, cartridges, electrical and electronic equipment like refrigerators, microwaves, air conditioners, lithium-ion batteries, and cables, among others. E-waste is disposed to authorized recyclers, and refurbishers who provide us certificates on the successful recycling and recovery of the material. The authorized recyclers / refurbishers are evaluated based on adherence to applicable legal requirements and extent of resource circularity in their process.

TRUE Zero Waste Certification

Infosys has an ambition of zero waste to landfill and one of the steps we have undertaken to achieve this is the TRUE certification program. This program measures, improves and recognizes zero waste performance by encouraging the adoption of sustainable resource management and waste reduction practices that contribute to positive environmental, health and economic outcomes. It enables us to divert all solid waste from the landfill and incineration from going into landfills.

During the year, our owned campuses in Bengaluru, Chennai MCity and Pune - Phase 2 have been Certified under TRUE Zero Waste by Green Business Certification Inc. (GBCI).

Waste vendor evaluation

At Infosys, our green procurement policy ensures rigorous vendor evaluation. Waste vendors undergo a detailed vendor site audit against several regulatory requirements. Post this, commercial proposals are invited and scrutinized to ensure they comply with requirements. The proposals are then shared with the commercial team for further negotiations, if any. Once this process is completed, a formal agreement is entered into with the vendors. A total of 83 vendors are being evaluated as per the compliance. Vendors are audited annually based on the waste vendor checklist.

Employee engagement on waste

To achieve our ambition of zero waste to landfill, we engage with our employees continually to create ambassadors and carry forward the initiatives to the communities they live in, thus impacting the larger ecosystem. Many interventions were conducted across locations during the year, which included communication through mailers, activities on "Beat plastic pollution", distribution of manure to employees, awareness sessions, distributed sustainable products, drives on waste plogging in areas surrounding campuses or other localities with the involvement of employees, and engagement of school students on sustainable products.

Case study – Building demolition and recycling

A significant portion of Infosys operational footprint stems from our buildings, we prioritize sustainability throughout their life cycle – from design and construction to eventual decommissioning and responsible management of construction and demolition (C&D) waste. Our commitment is to divert waste away from landfills by applying the Reduce, Reuse, Recycle (3R) hierarchy.

Machinery is used to demolish safely, while use of the water spray ensures that dust does not spread to the surroundings

Responsible demolition and waste management practices play a critical role in this commitment, ensuring we minimize environmental impact whenever the building is demolished.

Our demolition strategy tackles a building in two phases:

1. **Interior disassembly**
   Here, we focus on giving materials a second life. Workstations, chairs, and office furniture are examined for resuability. Depending on the condition, we either reuse them within Infosys or hand them over to authorized / approved vendors who refurbish and resell them in the secondary market. This reduces the demand for new furniture production and keeps valuable materials out of landfills.
2. **Main structure and exterior deconstruction**
   This emphasizes sorting the waste at source during the demolition stage while paying careful attention to the possibility of reusing materials, including:

   Metals: Scrap metals such as aluminium, steel, etc., get a new life through certified recyclers. This not only reduces landfill use but also minimizes the need for virgin metal extraction.

   Glass: The glass from the windows is dismantled and sent to recyclers, who then convert it to cullets before sending it back to the glass manufacturing process.

   Concrete and Blocks: Crushed concrete and blocks are diverted to authorized recycling concrete product manufacturing factories, where the material is used for making new blocks. Thus reducing the need for virgin material.

Project managers and the team closely track waste throughout the demolition process. Contractors are held accountable for proper on-site separation and storage of materials in a designated waste yard, ensuring efficient management.

While we build new buildings, we give preference to the use of recycled materials.

To ensure transparency, all waste diverted for recycling or reuse is meticulously weighed and recorded, with supporting documentation obtained from certified haulers and dealers.

Thanks to the stringent processes we have in place, we are steadily moving towards zero waste to landfill for our C&D waste and facilitating a circular economy.

Glass is carefully dismantled for reuse

Environmental compliance

We have a strong environmental management system aligned with ISO 14001:2015 standards across all India locations in line with our HSE strategy and covers a significant portion of the employees across the organization. The management system is implemented across locations globally based on applicable legal requirements and internal benchmarks and are a part of our internal audit coverage.

We ensure adherence to the applicable legal requirements across our locations. We conduct environmental impact assessments for all our routine and non-routine activities and the significant concerns creating an environmental impact include depletion of resources like power and water, waste generation and disposal, and emissions that are part of our material aspects.

Environmental impacts of new services, activities and changes in process or legislations are also conducted. We conduct environmental impact assessment studies for all new projects, wherever applicable, covering impacts related to air, water, social aspects, and biodiversity, among others.

No cases of monetary or non-monetary sanctions for violations have been reported in fiscal 2024.

A process for monitoring requirements in line with legal requirements is established and we ensure that all parameters are always maintained well within the defined norms.

