Delivering value

Manufactured Capital

Material topics

- Green buildings / infra / data center efficiency
- Workplace transformation
- Green IT

UN SDG mapping

Our Manufactured Capital includes our energy-efficient offices, data centers, innovation hubs, digital studios, and our technology infrastructure across the globe. Our infrastructure is modeled taking into consideration stakeholder expectations of our commitments towards climate change mitigation, judicious use of natural resources and preserving our environment.

With the highest-rated green buildings on our campuses and investments in collaborative tech infrastructure, we offer productive, safe, healthy and hybrid workplaces for our employees. We continue to push the boundaries and define new benchmarks in environmental sustainability.

Performance highlights

New building design EPI

65 kWh/sq.m./p.a.

Radiant cooling solution patented in Europe and India

Radiflux

Majority of internal IT applications moved to public cloud infrastructure

Office space monitored through Infosys command center

38.5 mn sq.ft.

Pushing the boundaries of energy efficiency

For a sustainable future, pushing the boundaries of energy efficiency in buildings is essential. Innovative design, advanced insulation, smart HVAC systems, and renewable energy integration are redefining possibilities. High-performance materials, passive solar techniques, and real-time energy monitoring reduce consumption and environmental impact. Net-zero and even energy-positive buildings are becoming viable goals. Emphasizing occupant comfort and health while minimizing resource use reflects a holistic approach to design. As technology evolves and awareness grows, we drive the ecosystem players – architects, engineers, and policymakers – to further stretch the limits of energy efficiency.

An integrated approach to design, implementation of innovative technologies, and continuous performance monitoring and optimization have resulted in office buildings with an estimated Energy Performance Index (EPI) of lower than 65 kWh/sq.m. per annum. Every aspect of a building – from insulation to high-performance glass and shading, efficient mechanical and electrical systems to high-efficiency equipment with variable speed, building management system to granular performance monitoring of individual equipment – has been thoroughly studied for improvement in every new building that we design and construct across Infosys.

The lush green campuses of Infosys, equipped with world-class infrastructure, provides a unique experience for our employees. With about 29.7 million sq.ft. of the highest level of green building certification, Infosys' leadership in high-performance buildings remains unrivaled. Our efforts include developing super-efficient new buildings, retrofitting existing buildings, a sharp focus on innovation and continuous monitoring to achieve the highest levels of efficiency. Infosys' building standards have set new global benchmarks.

Embodied carbon as an essential benchmark

As a key stakeholder in the built environment, we recognize the urgent need to address embodied carbon – the emissions associated with building materials and construction processes. While operational efficiency has advanced, embodied carbon remains a significant contributor to climate impact. Life Cycle Assessment (LCA) is a critical tool for understanding and reducing these emissions, guiding smarter material choices and sustainable design strategies. By integrating LCA early in the design process, we can make informed decisions that align with climate goals. Leadership today means not only building efficiently, but responsibly, reducing embodied carbon to shape a resilient, low-carbon future.

LCA has been an essential indicator for all our new buildings in fiscal 2025. The LCA of our office buildings have been estimated in the range of 650 – 900 kg CO2e/sq.m.

Green IT

InfosysIT has embedded sustainable practices across the life cycles of service design, operations, and disposal of IT assets.

Data center efficiency

InfosysIT has taken up data center modernization as a strategic initiative. Density-optimized hyperscale platforms, which provide cloud-scale agility and enable efficient resource use, have been deployed to deliver high-density server virtualization and consolidation across the enterprise. This initiative has delivered significant power savings. Subsequently, data center and server rooms across development centers were consolidated which resulted in a reduction of over 600 KW of electrical load in FY25.

InfosysIT continues to make focused investments in Data Center Infrastructure Management (DCIM) tools to get accurate visibility across the entire data center IT and Facility stack for continuous optimization and further consolidation.

Infrastructure as code

Infrastructure as code is a transformational initiative towards enabling continuous deployment, continuous integration, and touch-less management of the life cycle of infrastructure components. This methodology overcomes the traditional challenges such as growing scale of infrastructure, elastic demand, speed and consistency of deployment and interdependence between teams. This initiative delivered significant number of playbooks for automating platform-related processes across hybrid cloud.

AIOps-powered digital operations

InfosysIT has implemented an advanced AIOps platform equipped with a broad range of capabilities, including algorithmic noise reduction and context-aware notifications.

The digital operations suite delivers unified observability across both infrastructure and application layers, while also providing insights into capacity utilization and cost efficiency. It is designed to ingest and process large volumes of data from diverse sources within the IT ecosystem. Leveraging AI, machine learning (ML), and deep learning (DL) algorithms, the platform identifies opportunities for remediation and optimization, driving operational excellence.

Public cloud adoption

Majority of internal IT applications have been moved to public cloud infrastructure. All our employees have been enabled for cloud-based collaboration for messaging, presence, video, and other requirements. Additionally, cloud-based unified internet access and secure private access has enhanced hybrid work experience.

The shift to cloud has helped in optimizing the on-premises data center footprint and also to scale up the infra on demand and provision IT services seamlessly for all the new hires inducted into the organization.

Impactful workplace design

Infosys continued on its workplace transformation journey, to adapt to the hybrid future-ready scenario. The principles of Infosys workplace strategy are focused on productivity, social connect, use of tech, health and wellness, sustainability and design for all. These are being followed in all new workplace designs of Infosys.

The new workplace designs align space with purpose, empowering people and teams to perform their best. We believe as work continues to evolve, so must our environments, making reimagined workplace design a catalyst for culture, innovation and long-term resilience.

Read more in our ESG Report 2025.