

TOWARDS A CARBON NEUTRAL ENTERPRISE

Back in 2011, Infosys committed to the United Nations our intent to become carbon neutral, reduce per capita electricity consumption by 50% (against the baseline year 2008), and use 100% renewable power for electricity by 2018. Our efforts included aggressive targets to reduce consumption and switch to renewable energy sources for our business operations.



BIG ON SUSTAINABILITY

We are one big family! With over 198,000 employees, 45 million square feet area (in India alone), and hundreds of buildings to manage, reducing our carbon footprint and energy consumption is no easy task. Consider this: Since 2008, our employee strength has increased 143 per cent! Thinking about how much energy these many employees consume and the emission per employee? Go figure!

Policy changes, complexity in calculations, and our scale - all these make sustainability a complicated business requiring dedicated effort, resources, and commitment. Take for instance scope 1 (direct GHG emissions), scope 2 (electricity indirect GHG emissions), and scope 3 (other indirect GHG emissions) emissions and their calculations. While scope 1 and 2 are fairly direct calculations, calculating scope 3 - which includes sources not owned or controlled by the company, such as emissions caused by employee travel and commute - is rather challenging.

TURNING TO TECHNOLOGY

Though scale does make sustainability rather challenging, it also gives us an edge. As a large technology enterprise, we deliver technology-led innovations for our clients consistently. And it's only natural that we turn to technology to serve our own needs. In order to build a truly sustainable enterprise, we knew we would have to go beyond the regular smart meters and smart lighting approach. We wanted to lead with innovation.

BREAKTHROUGH

Technology and relevant innovation can lead to sustainable solutions and help us do more with less.

SEEING THE UNSEEN

Our sustainability journey started with small but sure steps towards reducing our water and energy consumption. Over the years, we have developed a technology-intensive, data-driven approach to do more with less. Our data-driven approach to optimize operations led to the setting up of the Central Command Center (CCC) in our Bengaluru campus. Today, we are using technologies like machine learning, predictive analytics, and Internet of Things (IoT) to be more sustainable. We have machines that self-diagnose maintenance needs, trigger alerts, and base their working on a deep understanding of the way we work, our movements, our patterns, and our needs.

Everything – beginning from where we buy to how we sell and report – is a conscious decision factoring these efforts.



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THE RESULTS ARE ENERGIZING

- **11.1 million square feet** of built-up area in our campuses is LEED Platinum rated
- In FY17, **44.6%** of the overall electricity requirements of our campuses in India were met through renewable sources
- **15.2 MV** capacity solar PV installations across locations
- Since 2008, while our employee numbers have increased by a whopping **143%**, our energy consumption has gone up by just 19%
- Over **20 million square feet** area covering **91 buildings** is being monitored in real-time from our Bengaluru CCC
- We have capacity to treat **100%** of our food waste onsite through biogas and composting plants
- Our per capita monthly water consumption has decreased by **46%** since 2008
- We have managed to reduce our per capita carbon footprint by about **70%** for scope 1 and scope 2 emissions, since 2008

**WE DID THIS.
WE CAN DO IT
FOR YOU.**

Find out more
about how Infosys
can help your
enterprise achieve
sustainability by
reaching out to us at
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