

Tata Consultancy Services

Environmental Status Report

(2007-2008)¹

Continuing the TATA Group tradition, TCS very proudly confirms its will, intention and execution towards sustainable development. TCS considers environment to be an integral part of its strategic development model. TCS has been taking various stepping stones to meet its commitment to achieve continual sustainable development. TCS is committed towards environment wellbeing. TCS has been reporting its environment performance as per Global Reporting Index since 2006.

TCS' dedicated Health Safety and Environment (HSE) team originated in 2006 and strength of the team has increased multifold today. This clearly demonstrates the aggressive drive and continuous acceptance of our HSE initiatives across its more than one lakh employees. TCS's senior management showcases its commitment towards environment and sustainable development through its Environment Policy signed by our CEO & MD, Mr. S. Ramadorai. TCS's top environmental objectives are:

- To minimize consumption of resources like power and water and prevent pollution
- To comply with all applicable legal and other requirements
- To demonstrate continual improvement

TCS being an IT organization is not a majorly polluting industry. We consume only common natural resources to limited extent and not involved in processing or utilization of hazardous material / polluting substances. TCS has 23 major delivery centers ISO 14001:2004 certified. We have a robust environment management system and follow the same in spirit across the organization. We have a pool of certified ISO 14001:2004 lead auditors to drive the ISO 14001 initiative across the organization and create more champions.

Being a one lakh employee driven organization; TCS realized that creating environment awareness would help us achieve a larger goal by enabling reaching one lakh families. The collective result/influence would do great for the society at large and our organization in specific. TCS drives major continuous awareness drives across various levels/ geographies of the organization. Environmental awareness is carried out through:

¹ For the period April 2007-March 2008

- Web Based Trainings
- Instructor Led Trainings
- Display of posters, campaigns, screen savers etc.
- Screening of movies
- Induction Trainings
- Internal Health Safety & Environment website
- ISO 14001 initiatives
- Internal Magazines, portal, CEO's message etc.
- TCS developed an individual Eco footprint calculator tool on its internal portal for all employees
- TCS developed an individual Carbon Footprint Calculator tool on its internal portal for all employees
- Environment awareness in floor meetings/ town halls etc.
- Environment week celebrations, environment group at various centers etc.

We have managed to reach out to approximately 60% of our employees through the above-mentioned mode of trainings.

TCS establishes documents, communicates, analyses and reviews its environmental targets on financial year basis. We have exceeded our targets for 2007-08 through various initiatives. Power consumption has reduced by 12.5% per person in 2007-08. This has been possible through influencing employees and business associates, minimizing wastage, utilizing CFLs and intelligent lighting systems, energy efficient technologies, Energy Star certified equipments, Power Management and virtualization of data centers, etc.

Water is considered as a scarce resource and utilized with utmost efficiency. Water consumption has reduced by approx 8% per person in 2007-08. This has been the cumulative result of awareness, controlling wastage, recycling and reusing water, rain water harvesting, ground water recharging, sewage treatment plants, etc. Rain water harvesting and ground water recharging is practiced at all practicable locations. The capacity of the same has been enhanced by 5 times in 2007-08. Sewage treatment plants have been installed at most practicable locations and are running efficiently. The treated water is utilized for chiller cooling tower make-up, gardening, toilet flushing

and other low end uses. This reduces our dependency on groundwater and municipal / fresh water consumption.

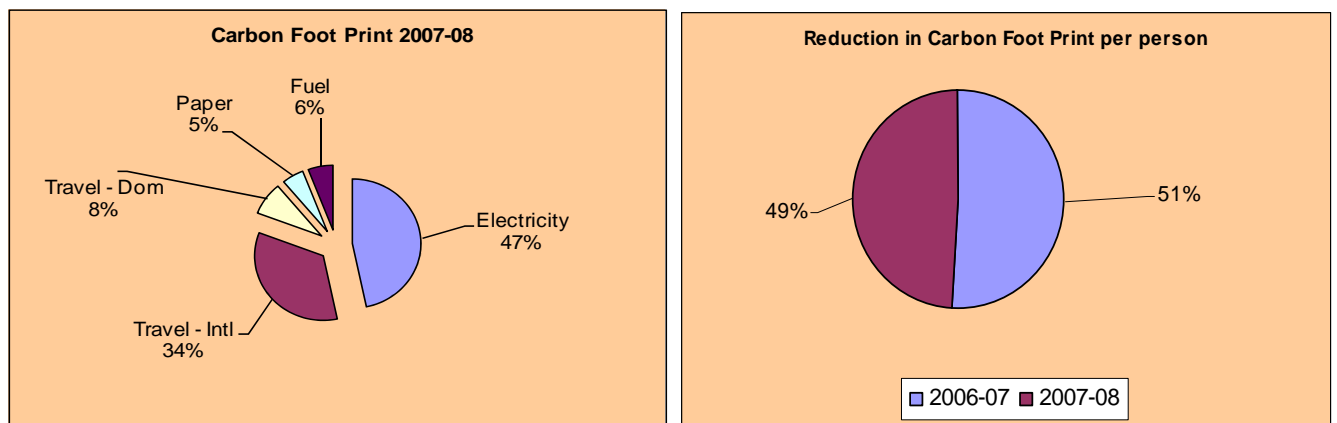
Paper consumption has demonstrated a declining trend by approximately 28% in 2007-08. Printer cartridge consumption has decreased by approximately 67 % in 2007-08. TCS has demonstrated 100% environmental regulatory compliance in 2007-08. TCS follows the International Conventions like Montreal Protocol, Basel Convention, Kyoto Protocol and WEEE Directives. TCS is working towards zero waste disposals. 12 of TCS delivery centers have no municipal vehicle visiting the center. Electronic waste being a major concern is dealt with utmost care. TCS has an E-waste Management Policy executed in positive spirit. 100% of the E-waste is given to Ministry of Environment and Forests (MoEF) approved E-waste handlers/ recyclers for environmentally responsible disposal. The life of most IT hardware has been enhanced from 3 to 5 years thus reducing the quantum of E-waste generated.

Bio-degradable waste is converted to manure through vermiculture at all practicable locations. This manure is utilized in our campuses or donated as CSR activity. The vermiculture capacity has increased by 15% in 2007-08. Conversion of biodegradable waste to biogas for use as fuel in the canteen is being implemented at one centre using bio-digesters. Bio-digesters will be considered for all new centres coming up as an integral feature of design philosophy.

Used oil and batteries are disposed off through MoEF approved vendors for environmentally responsible disposal.

TCS has developed, documented and implemented a Green Procurement Policy. A preferred list of vendors/ suppliers is maintained based on an environmental evaluation procedure and is updated on an annual basis.

TCS has been calculating its carbon emission as per the Global Reporting Index. The carbon footprint under business as usual condition has reduced by 2% per person in 2007-08.



TCS has achieved various environmental recognitions in 2007-08 as mentioned below:

- Golden Peacock Environment Management System Award 2008 by International Environment Foundation
- Rated "A" by Global Reporting Index-2007 –UK
- Rated "GOLD" by Business in the community (BitC) – UK
- Enlisted as preferred vendor for Statoil Hydro as per **NORSK HSE Standard- Europe**

TCS is harnessing solar energy by utilizing solar water heaters & solar lighting systems at select locations. The solar energy utilization has increased by approximately 45% in 2007-08. This will be replicated at all practicable locations.

TCS is working progressively towards green infrastructure. Energy efficiency, optimum resource utilization, best environmental technologies, environmentally responsible architecture, designs, etc. are being prioritized for all new establishments. YCS is developing 3 Green Buildings /LEED certified Development Centers in India. We prioritize environmental concerns at all new development centers and aspire to demonstrate best environment technologies to address and mitigate all possible environmental concerns in all future developments.