CII-ITC Centre of Excellence for Sustainable Development

AWARDS BOOKLET

EXCELLENCE IN SUSTAINABLE BUSINESS

CII-ITC SUSTAINABILITY AWARDS 2015

AWARDS BOOKLET
The trophy reflects the need for unity in this world. To sustain the environment a broad based alliance between industry and society is required across the world. As a result, sustainable development has become a priority for businesses across the globe.

In short, the responsibility for the environment rests on our shoulders, as it does in the design of trophy. The figure cradling the globe reflects the need for unity and responsibility when pursuing economic growth, while the leaves surrounding it represent both growth and the environment. The figure’s arms are raised to the sky, symbolising the future that we must daily confront.

Metal has been chosen as the material for its properties of lustre, beauty, smooth finish and malleability, and because it is a recyclable material – thereby sustainable from a life cycle perspective. After all, the world is an inheritance that we will leave for the generations to come. It is a legacy that we have borrowed from them.
Methodology

All applicants undergo a rigorous evaluation process that is based on a business excellence model and tailored for business in India. Desk assessment includes meticulous analysis of documented evidence of sustainability initiatives submitted by applicants. Qualifying companies then go through an on-site assessment, over a period of six months, by a peer team of highly experienced CII-certified assessors who spend approximately 1000 hours per application. And finally, the last shortlist of winning applicants is validated by a pre-eminent jury comprising leaders from government, industry, civil society and academia.
Levels of Recognition

**Corporate Excellence**

**BUSINESS OF THE YEAR**
This role model award celebrates the company that has successfully proven a business case for sustainability and demonstrates a company-wide commitment to advancing the sustainable business agenda; not just internally but among customers, suppliers and the industry as well.

**OUTSTANDING ACCOMPLISHMENT**
The award recognizes market leaders, from each company classification, that have demonstrated outstanding policy, practice and results by successfully incorporating sustainability in their core business.

**COMMENDATION FOR SIGNIFICANT ACHIEVEMENT**
The award recognizes companies from each company classification that have demonstrated commendable results from deployment of policy and processes.

**Domain Excellence**

**ENVIRONMENT MANAGEMENT**
Companies from each classification, which have employed innovative approaches, including policy and practice, to reduce their environmental impact and achieved exemplary results will get recognized.

**CORPORATE SOCIAL RESPONSIBILITY**
Companies from each classification, which have positively impacted both business and society by taking a strategic approach to CSR through collaborative programmes with government and civil society, will get recognized.

**SUSTAINABLE SUPPLY CHAIN**
Companies from each classification, that are leading transformation in their supply chain by integrating sustainability into their sourcing, procurement and distribution channels will get recognized.

**Sustainable Business of the Decade**
The award recognizes companies that have excelled in sustainable business in a period of 10 years 2006-2015.

No winners for Sustainable Business of the Decade and Business of the Year
Outstanding Accomplishment

Turnover A (> ₹2000 crores)

ACC LIMITED

- Maintained best-in-class high share of over 85% of sales of low-carbon eco-friendly blended cements
- Ongoing improvement plan in people, processes and infrastructure both in-plant and offsite; engagement with all stakeholders; strong focus on logistics safety
- Target of “Zero Harm” to all stakeholders. Vigorous communication, building line ownership competency and leadership training, focus on fatality prevention elements, safety measures for third party workmen
- Significant cut in CO$_2$ and specific kiln stack dust emissions; adherence to long-term roadmap for mitigation of climate change; progressive measures to cut carbon footprint; energy conservation measures; waste heat recovery system launched
- Effective practice of co-processing hazardous and non-hazardous wastes at all plants; long-term plan for enhancing use of non-fossil energy sources, establishment of two waste pre-processing platforms; opportunities for community engagement
- Set up hubs in semi-urban markets for affordable eco-friendly cement based building materials and housing components with opportunities to offer training and micro-entrepreneurships
- Large social footprint touching 5 lakh people in 150 villages. Thrust on livelihood creation, skill building, education and vocational guidance, participative process, alignment with national priorities and UN Global Sustainable Development Goals
Corporate Excellence

Outstanding Accomplishment

Turnover A (₹2000 crores)

HINDUSTAN ZINC LIMITED

- 5 lakh beneficiaries in year 2014-15 with focused CSR projects on providing supplementary nutrition and preschool education, making the villages defecation free, vocational training for skill development in various trades women empowerment, Vedanta Heart Hospital for providing health facility to local community and upliftment of girl child in education, nutrition etc.

- Safety Excellence journey “Aarohan” with DuPont for safety culture improvement - It’s a 48 months engagement, reduction in incident rates by 72%, reduction in LTIFR in last 6 years, increase in reporting of leading indicators by three foldsone of India’s largest Wind Power producers with a generation capacity of around 274 MW.35 MW is also produced from waste heat recovery boiler registered under Rajasthan Renewable Energy Corporation

- 20 MLD sewage treatment plant for treating sewage from Udaipur city and utilizing treated water at one of their operations. Signatory to IBBI and pilot study of natural capital at Rampura Agucha Mine. 1.4 million plants green belt across operational sites

- 25% reduction in water consumption from FY 2010 to FY 2015 as a result of initiatives like cloud seeding, adiabatic cooling tower, multiple effective evaporator, deep cone thickener, air cooled condensers, sewage treatment and rain water harvesting

- Geotextile for waste dump stabilization, use of waste rock for laying the tracks on railway double line, football stadium on waste land, rock garden using waste rocks, 100% utilization of fly ash by cement industries and use of ISF slag in cement industries are some of the key initiatives for waste minimization and utilization
• Reliance Industries Limited (RIL) invested over ₹ 1,00,000 Cr in creating growth engines for the future, which is the highest by any Indian corporate and accounts for 0.8% of the country’s GDP

• Achieved a 2.5% increase in renewable energy consumption in FY 2014-15 in the last one year and 4.1% increase in use of recycled materials in operations during FY 2014-15 compared to the previous year

• Working towards harnessing natural resources through ‘Algae to Biocrude’ efforts and ‘Jatropha based biodiesel’ at the Jamnagar refinery

• Reduction in emissions of Oxides of Sulphur and Oxides of Nitrogen by 4.1% and 4.5% respectively during FY 2014-15 compared to the previous year

• Total CSR expenditure for the year FY 2014-15 was ₹ 761 cr thereby accounting for 3.35% of the company’s Profit After Tax (PAT)

• The Reliance Foundation reached out to over 94,000 households involved in agriculture and marine fishery in more than 5,500 villages

• Helped rebuild the ‘Sir H. N. Reliance Foundation Hospital and Research Centre’ featuring state-of-the-art medical care, nursing care and global facilities at affordable prices

• Total expenditure in health, safety and environment management during FY 2014-15 was ₹ 289.75 Crores showcasing an increase of 1.7% over the previous year
STEEl AUTHORITY OF INDIA LIMITED

• The largest steel producer in India with a turnover of more than ₹ 50000 Crore and a towering presence of 5 Integrated Steel Plants, 3 Special Steel Plants, 1 Ferro Alloy Plant, 1 subsidiary and a network of Mines pan-India

• In the last 10 years, Particulate Matter (PM) Emission Load was reduced by 66%, specific water consumption reduced by more than 30%, specific effluent discharge reduced by 27% and solid waste utilization increased by 14.5%, at the SAIL plants

• Extending environmental stewardship across the supply chain through greening of the warehouses and progressive implementation of EMS in all the steel plants and mines

• Planted over 186 lakh trees till date. Developed a thriving ecosystems on mined out areas in Purnapani and Bolani

• Reaching out to the community by adopting 79 villages for development as “Model Steel Villages” in eight states

• Supporting the underprivileged by providing free healthcare to around 39.11 million rural people, adopting tribal children and nurturing nearly extinct Birhore tribe in Jharkhand, providing them with vocational training etc.

• Established Specialized Health Care Centres (53 Primary Health Centres, 23 Hospitals, 7 Reproductive and Child Health Centres and 7 Special Hospitals), 129 Schools in SAIL townships, Seven Special Schools (Kalyan Vidyalaya) at Steel Plants’ locations exclusively for BPL families.
• Active participation in the global sustainability initiatives like Cement Sustainability Initiative (CSI) and India Water Tool (IWT) of World Business Council for Sustainable Development (WBCSD) and is part of the Working Groups for “Technology Roadmap: Low Carbon Technology Roadmap for the Indian Cement Industry”

• Continued focus on three major thrust areas: enhanced utilization of renewable energy and increased use of biomass in our captive power plants, utilization of plastic waste in kilns and water positivity

• ACL is certified to be 4 times water positive in 2014 by an external agency

• Increased use of waste generated by other industries and agro-based livelihood in the operations resulted in reduced usage of fossil fuel

• As a part of product sustainability management, obtained product labeling, “PRO-SUSTAIN” in the year 2014 by leading global certification body, DNV- GL Business Assurance, for Unit – Darlaghat

• Developed a tool, the Social Engagement Scorecard (SES) which rates the corporate social responsibility initiatives of the company across locations through the methodology which collects information and reviews the work through detailed group discussions and interviews
The largest green building developer in India with more than 70 million sq. ft. of IGBC registered green building footprint

Has become carbon neutral and water positive in its construction operations

Only developer in India for affordable housing having over 5000 houses handed over to the low income population

Serving the communities by constantly protecting ecology, biodiversity and the environment, by conserving, restoring and enriching it systematically including partnering with WWF-India

CSR expenditure of more than 3.8% of PAT in FY15 as against the mandate of 2%

Creating sustainable livelihoods and build communities through social outreach programs in skill development, education, sanitation, community infrastructure development

Committed for vocational skill training to 15000 youth in 2016 and 1,00,000 by 2024

Strong volunteering culture with 94% of employees as social service volunteers
APOLLO GLENEAGLES HOSPITALS, KOLKATA

- First and only hospital in India to be accredited with Joint Commission International since 2009
- First hospital in the country to be certified with ISO 14001: 50001 - Integrated Management System for Environment and Energy Management. The hospital is also the first hospital in India to be certified for Food Safety Management - ISO 22001
- The hospital conducted the largest cancer screening in Eastern India covering 180,000 individuals over a period of 18 months

- As part of the "Teach Bengal" program - the hospital has trained 380 BSc nurses (through Apollo Gleneagles Nursing College), 160 Post Graduate doctors (DNB & PGDCC), 122 Medical Technology and Technical Students and 40 Clinical Research Management Students. Strong system in place to ensure clinical services are provided in a very standardized process to ensure safety in services offered
- A unique initiative named ‘Dear CEO’ is practiced where employees can write letters to the CEO for sharing feedback
Outstanding Accomplishment

Turnover F (Independent Division/Unit)

JSW Vijayanager is the first Integrated Steel Plant in India and second in the world to use the Corex Technology to produce steel, effective usage of water and to ensure that all the blow down water is used without discharging to drains.

Slag, dust, sludge, mill scale and other types of dust are effectively converted to value such as micro pellets, briquettes, and a substitute for river sand which is used for cement industries.

JSW has engaged DuPont who is the world’s benchmark in safety practices for the past few years. It has built its framework on various processes such as hazard analysis, safety reviews, incident reporting, contractor safety, on site, and off site emergency response, safety audits, etc.

JSW provide special thrust towards woman empowerment through a process of social inclusion. JSW has adopted 26 industrial training institutes, where it provides learning aids; impart technical and non-technical training such as tailoring, computer, welding etc.
· Energy savings of 5.63 million units in FY 15 by implementing energy saving projects
· Reduction in carbon footprint through various initiatives resulted 5138 MT CO₂ for FY15
· Water conservation by recycling cooling tower blow down water through RO plant resulted in water savings of 466841 cum for FY15

· Mission to eradicate malnutrition from Bellary district by providing micro nutrient and nutrient supplement to malnourished children and pregnant & lactating mothers
· Reduced malnutrition among children from 33% to 16%
· Integrated water and soil management for sustainable agriculture in 4 villages of Sandur Taluk in Ballari district covering 5900 hectares of land
Excellence in Corporate Social Responsibility

Turnover A (> ₹2000 crores)

CAIRN INDIA LIMITED

- Impacting more than 5,000 farmers; bringing 200 hectors of fallow land under cultivation in Barmer by promoting sustainable livelihoods through farm based initiatives like training and capacity building of farmers on latest agri techniques, natural resource management and water harvesting.

- Providing job oriented vocational skill trainings and placements to more than 15,000 unemployed youths through Cairn Enterprise Centre, its seven satellite centers across Barmer and Cairn Centre of Excellence state-of-the-art vocational training center in Jodhpur.

- Abolishing local caste barriers through Dairy Development Program aimed at collection of milk from all the community members. To date the program has generated revenue of more than Rs. 90 million over a period of 8 years.

- Constructed over 6,000 household toilets and around 200 school toilets making it possible for over 50,000 community members to lead a hygienic life.

- Providing access to safe drinking water through community based RO plants to over 100,000 community members across Barmer, Gujarat and Andhra Pradesh.

- Impacting over 1,000 community members by providing solar based electricity to every house-hold in Barmer.

- Impacting over 500,000 people across 11 districts of Rajasthan, Gujarat and Andhra Pradesh through health initiatives like mobile medical vans and maternal child health program.

- Impacting over 50,000 students across our operational areas through education and scholarship programs aimed at improving the quality of education in rural government schools.
• Every year 64 meritorious students from economically weaker section of the community are provided free education and boarding facilities at the Toyota Technical Training Institute

• TKM reconstructed three government schools with basic amenities (Medanahalli village, Byramangala Village and Hosadoddi village)

• TKM participated in the Swachh Bharat: Swachh Vidyalaya national campaign and constructed 250 toilets in Ramanagara, 125 in Varanasi, 125 in Vaishali districts especially for girl children

• TKM has supported construction of 435 individual units and continuing efforts to achieve 100% open defecation free villages in its vicinity

• TKM has installed 6 community based water purification units under PPP model to provide potable water to more than 60,000 people

• To inculcate better traffic discipline and traffic safety education, TKM is targeting young school children and cab drivers at airport. It has launched Toyota Safety Education Program for school children in the age group of 6-12 years in various cities. More than 650,000 children and 1280 taxi drivers have been trained on traffic discipline
Royal Bank of Scotland (RBS), believes it has a role to play in assisting the nation’s efforts to reduce poverty, promote equitable development, facilitate financial inclusion and secure the environment and it does that through RBS Foundation India (RBSFI).

Through the robust “Supporting Enterprise” program, RBS Foundation India is supporting projects that provide a basket of livelihood activities which ensures a substantial increase in income from sources other than the forests.

Creating financial awareness enables them to manage their thrift profitably, save to manage life cycle risks and consume for better quality of lives. A basket of livelihoods activities are needed to be developed for the household to ensure food security, regular cash flow and help mitigate the risks inherent to their livelihoods.

Finance and market linkages to ensure the scalability and sustainability of the activity are established. This transition from having a subsistent source of income to a substantive source of income has reduced the dependency of the community on forest resources which in turn has reduced the growing man–animal conflict in the region.

The strengthening of institutional arrangements for community harvest of eco-system resources sustainably such as the Village Development Committees (VDCs), Eco Development Committees (EDCs) or Forest Protection Committees (FPCs) along with sustainable incomes has helped in supporting the livelihoods of over 91,000 households and conservation efforts of critical ecosystems in 11 states across India.
Rio Tinto is bound by a global community relations policy that is characterised by mutual respect, active partnership and long term commitment.

The Bunder Project of Rio Tinto is located in the Bundelkhand region of Madhya Pradesh and has its own Community Relations Strategy and multi-year plans based on the principles laid down in various global guidelines ‘Road Map For Projects, Human Rights Guide, Gender Guide’ and several others.

The Bunder Project has carried out several programmes post detailed studies and socio-economic analysis reports which includes baseline studies, studies on local cultural heritage, forest dependence amongst villagers, skill base of the region, water studies and many others.

Water programme which encompasses both drinking and irrigation water has made remarkable strides in the water scarce region of Bundelkhand. More than 85% of families in the project villages now have access to clean drinking water while 45% of families have started producing an additional crop due to the 28 water structures developed or renovated thus harvesting 0.73 mcm of water.

In a region where social infrastructure has been weak, the education programme supplements government efforts by covering more than 845 students.

A Vulture Safe Zone has been developed over an area of 32,000 sq. kms which literally means an area free of diclofenac. This unique programme has been running in partnership with Bombay Natural Health Society and Bird Life International.
At Ambuja Cements Limited, Unit Bhatapara, the activities for Corporate Social Responsibility (CSR) are carried out through Ambuja Cement Foundation (ACF). The Company’s CSR initiatives have played a vital role in improving the livelihood of community and society, in and around ACL Bhatapara plant.

Pond deepening, repairing of existing ponds, construction of check dams/stop dams as well as roof rainwater harvesting projects have been initiated. To improve moisture regime in private land, farm bunds have been constructed under watershed project. To ensure availability of drinking water, hand pumps have been installed and drinking water pipe lines have been laid.

ACF has been working with farmers to improve the productivity of cultivable land by using agronomic practices. Water saving techniques such as drip irrigation system is being promoted for optimum utilization of water and vegetable cultivation.

Skill trainings are imparted to rural youths who are marginally educated and have limited options for livelihood through The Skill and Entrepreneurship Institute (SEDI). Till date approximately 1015 rural youth have been trained. Driving training for Heavy Commercial Vehicle, Light Commercial Vehicle, Light Motor Vehicle, is a highlight of the institute.

ACF strategic intervention for education development focuses on capacity building of teachers, creating and enabling environment, strengthening school management committee, teaching and learning tools and academic supports. 27 government schools are being supported under this program.

ACF supports Self Help Groups (SHGs) and the focus is on building the capacities of various income generation activities. 102 SHGs are being supported by the foundation covering 1286 members.
Corporate Social Responsibility

Excellence in Corporate Social Responsibility

Turnover F (Independent Division/Unit)

FERRO ALLOYS AND MINERALS DIVISION TATA STEEL

- Innovative use of economically rejected low grade Manganese ore to develop new products of Sillico Manganese - this has enabled best utilization of one of India's natural resources
- 1000 schools project to ensure enrolment and retention of 100% children in the 6-14 age group in schools and to address the learning deficit in primary school children
- Pre-matric coaching initiative started in 2013 with 9 centres has now grown up to 64 centres with 1873 students and the success rate has increased from 64% to 92%
- Jyoti Fellowship, a scholarship program was initiated in 2012 and till date 1435 SC/ST students have been awarded total amount of ₹ 71.85 lakhs. Adult literacy program which started in 2014 in 9 centres with 115 beneficiaries has increased to 79 centres with 1835 beneficiaries in 2015
- FAMD CSR team has installed 521 tube wells in 174 villages to provide safe drinking water. Organised 125 mega health camps in the last 5 years treating 64000 villagers
- 91 cataract operation camps have been organised in last 5 years benefitting 1265 persons from 85 villages. Mobile Health Units running in the surrounding villages have treated 341048 patients in 85 villages in the last 5 years
- The number of Women Self Help Groups (SHGs) increased from 30 in 2011 with 403 members to 85 in 2015 with 900 members. System of Rice Intensification (SRI) paddy cultivation implemented in 180 Acres in 12 villages. Tussar farming training and aid provided to 400 tribal families in last two years
- State-of-the-art Effluent Treatment Plant with uuto dozing and on-line monitoring facility in Sukinda mine
• Unified framework by strengthening ISO 14001 with Global Toyota’s environment management systems which adopted a 5 yearly environmental action plan and established a functional level robust environment management programme

• Manufacturing plant designed in line with Toyota Eco Factory Concept with state of the art technologies to contribute towards reduction of overall environmental impact

• Continuous efforts to achieve “Zero Waste to Landfill” and “Zero Fresh Water for Manufacturing” by adopting best practices

• A state of the art CETP having best technologies such as MBR & RO which recycles 60% of treated wastewater back to the manufacturing process and remaining 40% is being reused in landscaping and other activities

• Continuous reduction in specific steel consumption and VOC emissions by technological advancements and innovative kaizens

• In FY 2014-15 40,000 Cu.m of rain water has been used in the manufacturing process

• Introduced biogas plant to reuse kitchen waste and vermin-composting unit to reuse bio sludge

• 100% suppliers and 96% dealers have been certified to ISO 14001
YES BANK LTD.

• YES BANK issued India’s first ever Green Infrastructure Bonds raising an amount of ₹ 1000 crores which will be used to finance Green Infrastructure Projects in Renewable Energy including solar, wind, biomass, and small hydro Projects

• YES is the first bank to have made a Green Energy Commitment (GEC) of financing 5 GW (5,000 MW) of renewable energy projects over the next 5 years

• Through ‘Say YES to Sustainable MSMEs in India’ initiative, in FY 2014-15, YES BANK supported MSME clusters in Punjab and Uttar Pradesh, by strengthening OHS systems in 50 foundry MSMEs benefitting 907 workers, energy efficiency in 20 MSMEs in the range of 15-20% and reducing coke consumption by 650 Metric Tons per annum, resulting in reduction of 1787 Metric tonnes of CO₂ emission per annum, thus saving approximately ₹ 97.50 Lakh

• YES BANK, under its YES COMMUNITY umbrella, launched its Rural Livelihood and Water Security initiative, wherein the Bank, through focused interventions in women’s health, education, access to safe drinking water, sanitation and overall social welfare, impacted 1,47,226 lives in FY 2014-15

• YES BANK became the first Indian signatory to the Natural Capital Declaration (NCD), a finance led, CEO endorsed initiative aimed at mainstreaming the natural capital concept
Bhoruka Power is committed to increase green energy generation multifold from the current capacity of 260 MW to 1000 MW by 2020.

The company is one of the few in the country to have a diversified portfolio of Hydro, Wind, Solar and Biomass (just initiated) in its renewable energy basket.

The company gives high importance to the communities in which it operates. 5% of the profits are earmarked for CSR activities.

As part of Swaccha Bharat, Bhoruka Power has completed several toilet blocks in government schools in Koppal Taluk. All the projects have been certified for Environmental (ISO 14001) and Safety (OHSAS) Standards.

As part of reducing paper usage, the company has digitalized several of its systems. The ‘Integrated Management System’ is a comprehensive software that helps all employees in feeding and getting information electronically.
Environment Management

Commendation for Significant Achievement
Turnover C (₹50 - ₹499 crores)

TATA COFFEE LIMITED, INSTANT COFFEE DIVISION, THENI

- To reduce the CO₂ intensity, switched over to direct firing with LPG from indirect firing with HSD
- 20% of Primary Boiler Fossil Fuel (Coal) substituted with Bio Fuel (Spent Coffee)
- 40% of water requirements met with recovery from ZLDP
- 500KWp installed capacity of solar power plant
- Reduction of 35% Net CO₂ emission per Kg of frozen dried coffee by sourcing of wind energy
- Green Development in 16 acres through plantation
- Environmental initiatives beyond compliance include green development, vermicomposting of canteen waste, conservation of water through rainwater harvesting and so on
- Designed long term action plan for CSR initiatives with defined targets focused on the area of operation. Notable initiatives include: Adolescent Girl Child Nutrition Program and Self-Employment Training for Women
Safety, Health, Environment, Community and Sustainability (SHECS) is at the core of the organization.

Managed and executed brand ambassadors initiatives for students to use their posters and newly developed awareness to promote the idea of recycling in their homes and neighborhood.

“Think Safe – Work Safe – Home Safe” campaign launched for employees and staff. Emphasis is on health & safety at and outside work.

Personal Safety Recognition program initiated which identifies, limits and prevents potential hazards by encouraging and sensitizing workers to rectify operational and environmental safety hazards.

Cleaning the shared environment as a part of Swachh Bharat mission, using STP water to reduce ground water consumption for gardening.

TRISHYIRAYA RECYCLING INDIA PVT. LTD., (A UNIT OF SIMS RECYCLING SOLUTIONS)
• Retrofitting of ESP with bag filters in captive power plant for all 9 units (9 X 135 MW)
• Installation of Ultra Filtration (UF) and Reverse Osmosis (RO) for fluoride treatment in smelter with forced solar evaporation pond
• High Concentration Slurry Disposal (HCSD) system for ash disposal
• Co-combustion of Anode Butt in captive power plant as an alternate fuel
• Rehabilitation of ash filled area by plantation

• Evaluation of biodiversity of block plantation outside the plant premises in PPP mode
• Proactive collaborative research for alternate use of hazardous waste like spent pot lining and Aluminium Dross
• Development “Herbal Vatika” inside Plant, a bio-initiative to preserve medicinal plants
• Promoted multipurpose cooperative reaching to more than 2700 women
• Preventive and curative health measures for community at large
• Scholarship for rural meritorious students
Development of water reservoir in mines pit of capacity 25 lakh m$^3$ for Rain Water Harvesting resulting in improved water table from 23 meter to 14.0 meter (bgl)

Created green belt development in plant, colony and mining zone. A total 5.34 lakh plants planted since commissioning of the plant, with an approximate survival rate of 80%

Distribution of Black Cotton soil by mines to farmers to make their barren land fertile

Installation of ‘Waste Heat Recovery System’ of 10 MW capacity in both kilns producing about 10.0 MW power per day using waste heat from the kiln and cooler

Utilization of wastes of other industries as alternate fuel

Capacity enhancement through Line-3 project, resulting in AC > 20,000 TPD of clinker

Adoption of latest technology in Line-3 to meet the emission level of particulate matter <25 mg/Nm$^3$

Solar power system 100 KW has been installed in UTCL for providing green power

Various CSR initiatives like Mega Eye Camp, mobile handset repairing training, tailoring and stitching training programmes, adoption of 20 government schools, general health checkup camps, etc.
PEPSICO INDIA HOLDINGS PVT LTD
(INDIA FOODS, KOLKATA PLANT)

- Electrical load reduction by utilizing energy of PC 50 fryer waste vapour to run vapour Absorption Machine of 500TR
- Saving of 55KL water per day which is received from condensed steam of PC fryer, through VAM
- Grid electrical load reduction by utilizing potato waste in bio methane plant to power bio generator set
- 85% usage of renewal fuel (rice husk) for heating oil which is used for frying potato chips and Kurkure through two Rice Husk boilers having a capacity of 15 TPH steam at 25 kg/cm²
- Change of all factory lights to LED which results in saving of approximately 2129Kwh/day
- Recycling of potato slice washing water after passing through Starch Recovery (Centrifuge). As a result, water saving per year is 39640KL
- 98% of the total plant waste is recycled
The objective of Geo 20 Project for Alternative Fuel and Raw Material (AFR) - is to realize meaningful step change in AFR over the next 2-3 years. Geo 20 is a project to substitute coal by alternative fuels & to reduce consumption of traditional fuel like coal.

Installation of Pulse Jet Bag Filter in place of ESP in Clinkerization Unit-1 resulted into huge reduction in emission from <150 to <20 mg/Nm$^3$ and the current emission level is below 10 mg/Nm$^3$.

Zonal Distribution for “Safety, Risk Mitigation & Housekeeping” leading to improved housekeeping by controlling spillage and fugitive emissions.

Increasing production of Pozzolana Cement (PPC) which helps to reduce the consumption of clinker by using Fly ash, use of waste of other industry as raw material and fuel promoting concept of circular economy have helped in reducing CO$_2$ emissions further.

There is no solid waste being generated from the cement manufacturing process. Fly ash generated from CPP is utilized in the manufacturing of PPC grade cement and coarse ash is used as raw material for Raw Meal and for construction of internal roads. Sludge generated from Sewage Treatment Plant (STP) is used as manure for green belt development.

Various initiatives are being undertaken to ensure no industrial waste water is generated from cement manufacturing process. Water used for cooling at various stages of cement manufacturing is absorbed in the process or will be subjected to evaporation & recycling. RO plant is installed in CPP to treat the waste water. Domestic waste water generated from colony is treated in STP and treated water is used for greenbelt development/ plantation.

Installed 3 X 100 KWP Solar Power Plant in the Captive Power Plant. The power generated from Solar Plant is used in self-auxiliary consumption.
SKF has projects focused on supplier development. It is partnering with suppliers for their capability improvements with two major programs; “Vikas Saath Saath” which involves providing improvement initiative knowledge by engaging consultants and "Unnati" which focuses on supplier management training and development.

Compulsory implementation of ISO 14000 EMS certification for key suppliers and ISO 50001 EMMS for all energy intensive suppliers.

SKF has a comprehensive Code of Conduct for its suppliers and sub-contractors. Regular audits are conducted for suppliers improvement on social (improving labour conditions, minimum wages, equal pay) and environmental aspects (energy consumption reduction, CO₂ emission reduction, conflict minerals).

SKF has a Code of Conduct for its distributor to demonstrate the same high standards of ethics as at SKF. SKF Certified maintenance practitioners helps customer solving customer issues and increases product life to support sustainability.

Beyond Zero is SKF's strategy to have an overall positive impact on the environment. Launched in 2005, it consists of two simultaneous approaches: reducing negative environmental impact resulting from SKF's own operations and increase the positive environmental impact delivered by SKF's customer solutions.

SKF has Installed 1.1 MW & 1 MW Roof Top solar power plant at its Pune and Bangalore location respectively for in-house power generation from renewable energy.
Excellence in Sustainable Supply Chain

Turnover F (Independent Division/Unit)

Mahindra

Rise.

MAHINDRA AND MAHINDRA LIMITED
(AUTOMOTIVES & FARM EQUIPMENT SECTOR)

• High level of engagement with suppliers and dealers i.e. training, assessment and capability building
• Well-structured policies, risk management, periodic dealer and supplier meets, reward mechanism for stakeholders
• Reduction in energy and water consumption, improvement in logistics and packaging, waste management
• Structured development of supplier parks in the vicinity of the plants and commitment to local sourcing

• Unified Supplier Portal “MSETU” two way interactive IT enabled platform
• Support to supply chain on design and execution of long term sustainability roadmap
• Sustainability is embedded in unique Mahindra Dealership Excellence Program
• Well defined organization structure, governance and senior management reviews in place
### CORPORATE EXCELLENCE

#### OUTSTANDING ACHIEVEMENT

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<td>Ambuja Cements Ltd.</td>
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### CORPORATE SOCIAL RESPONSIBILITY

#### EXCELLENCE

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<thead>
<tr>
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<tbody>
<tr>
<td>Cairn India Ltd.</td>
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<tr>
<td>Ferro Alloys &amp; Minerals Division Tata Steel</td>
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<td>The Royal Bank of Scotland N.V.</td>
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<tr>
<td>Toyota Kirloskar Motor Pvt Ltd</td>
<td><img src="logo_Toyota.png" alt="Toyota" /></td>
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### ENVIRONMENT MANAGEMENT

#### EXCELLENCE

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<td>Bhoruka Power Corporation Limited</td>
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### SUSTAINABLE SUPPLY CHAIN

#### EXCELLENCE

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<tr>
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<td>SKF India Limited</td>
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</table>
Instituted in 2006, CII-ITC Sustainability Awards are now celebrating a decade of recognising sustainable businesses. In the journey of nine years, CII-ITC Sustainability Awards have become a symbol of credibility and pride for companies. Cumulatively, more than 589 businesses have applied and 189 have been recognised.