



Confederation of Indian Industry



CII-ITC Centre of Excellence  
for Sustainable Development



17<sup>th</sup> CII-ITC  
SUSTAINABILITY  
AWARDS  
2022

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Excellence in Sustainable Business

**WINNERS BOOKLET**



## ABOUT THE AWARDS

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

The responsibility towards environment rests on our shoulders, as it signifies 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 confront daily.

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 lifecycle 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.

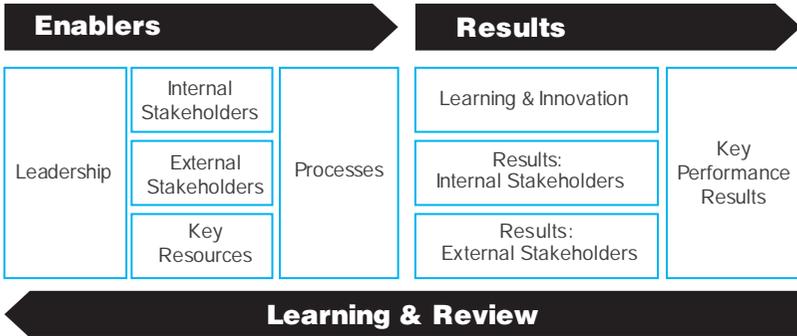


# CONTENTS

• Assessment Methodology	04
• Corporate Excellence	05
• Domain Excellence	16
Corporate Social Responsibility	17
Environment Management	24
Biodiversity	32
• List of Applicants	35
• List of Winners	37

# ASSESSMENT METHODOLOGY

The Awards adhere to a transparent and rigorous assessment process based on the Sustainability Excellence Assessment Model, developed using the following frameworks:



The assessment is conducted over a period of six months by a pool of CII-certified Sustainability Assessors from diverse professional backgrounds that spend approximately 1,000 man-hours per application. The results of each assessment is reviewed by a preeminent Jury, comprising of former bureaucrats, representatives of government, civil society and academia at two stages before arriving at the final decision.



Methodology is adapted from the internationally acclaimed European Foundation for Quality Management (EFQM) approach wherein equal weight is assigned to 'Enablers' and 'Results', indicating a cause-effect relationship.

Assessment is based on around 250 indicators which cover 16 aspects of sustainability.

The assessment has been made more comprehensive to include aspects such as Business Ethics, Employee Development, Human Rights and Biodiversity.

For companies that do not qualify the preliminary stage, no feedback report is provided to the applicants.

Feedback report is provided to the applicants in two phases. For companies that do not qualify for site visit, feedback reports are provided after desk assessments are over. This will be around November 2022.

For companies that qualify for site visits, feedback reports are provided after the end of the Awards cycle. This will be around December 2022.



## AWARD CATEGORIES

### Corporate Excellence

This Award recognises comprehensive efforts companies make in excelling at sustainable business. It expects companies to integrate sustainability into governance, strategy, business processes and demonstrate through results that sustainability is making an impact on its business and relevant stakeholders.



## Hero MotoCorp Ltd.



Hero MotoCorp (Hero) has been the largest manufacturer of motorcycles and scooters globally, for more than two decades. Over the past 10 years, they have rapidly expanded capacity, geographic footprint, customer touch points and R&D capabilities to emerge as a global brand.

- The organisation has a stakeholder engagement policy that is publicly available and has a well-defined approach for identification and selection of stakeholders. The stakeholders identified are customers, employees, partner ecosystem (value chain), shareholders and investors, industrial associations, banks, local communities, academia, media as well as regulatory bodies. Key concerns raised through stakeholder engagement are a response to climate change disclosure, service quality and new product launch w.r.t EVs
- The plants at various locations have achieved a total annual energy savings of 30.5 lakh KWh due to initiatives such as - reducing energy loss through installation of Auto Power Factor Correction Panel at load end, replacement of orifice type flow meter with insertion type flow meters at consumption end and reducing air losses in the system, Centralized Heat Pump System for Engine Plant Washing Machines, and utilization of waste heat from Plate Heat Exchanger (PHE) in weld washing machine among others
- There has been an increase in resource efficiency w.r.t materials used and packaging material by implementation of aluminum alloy ADC 12 in place of conventional material Zinc (ZDC - 2) in Cap fuel filler of 100 cc models, which is lighter in weight, cost effective and has better mechanical properties than the former as well as introduction of Zn-Ni coated steel sheets, replacing double sided Electro galvanized (EG) sheet. Also, 99% of the packaging material is reused
- The organisation commits to OHS through ISO45001:2018 and a formal policy approved by the Board. They follow Hazard Identification Risk Assessment (HIRA) as a process of identification of health and safety risks to identify all materials, agents, conditions, or activities with the potential to cause injury or illness, damage to the business and its property. For example, Electrical hazards - to reduce the risk of hazards from electrical equipment, the steps taken are providing proper earthing and maintenance through PM schedule, proper and standard insulation, visual display to communicate the danger and precautions to be taken; transport related hazards - deployment of road safety marshals, quarterly traffic safety audit, trained persons for operating material handling equipment, regular audits, and inspection etc



## Genpact India Pvt. Ltd.



Genpact is a global professional services firm that makes business transformation real. Led by the purpose - the relentless pursuit of a world that works better for people – the organisation drives digital-led innovation and digitally enabled intelligent operations for its clients.

- The organisation ensures protection of data and intellectual property through compliance with data/information management certifications like ISO 27001 or ISO 27701, has a designated data protection officer, internal data protection mechanism for every department and has specific rules governing handling of data by third party. Genpact has incident response processes and playbooks to respond to cyber-attacks and conducts several simulations every year
- Genpact has an environmental management system in place and 100% of its sites are certified with ISO 14001. They recycle and reuse water at all owned locations and reuse treated wastewater to meet requirements for horticulture, cooling, and toilets. Installation of smart water meters at owned locations to track and manage water, auto-chemical dosing system in cooling towers to reduce water consumption by increasing water cycles as well as rainwater harvesting structures at all owned sites. They recycle 100% of food waste and have installed organic food compost machines
- The organisation has a policy/code of conduct for suppliers that is publicly available and conducts comprehensive risk assessment of existing/potential suppliers to identify sustainability risks. Vendor health & safety risk assessment is done by conducting on ground audits. A third party is engaged for supplier audits basis the sustainability criteria for evaluation. Capacity building workshops are conducted annually by third parties with an objective to build supplier requisite capacities in environmental and social areas to mitigate sustainability issues
- The organisation has crafted an ISO 22301-certified business continuity system to help clients protect their work locations and critical infrastructure during periods of uncertainty-developed more than 19 solutions across areas like digital ways of working, business continuity, cash optimization, order management, and supply chain management that addresses short-term business needs while also building longer-term resilience
- The organisation assesses risk through risk maps, sensitivity and stress testing and online risk management solution on the Archer platform. Genpact produces scenarios for testing various risks including information security and reputation crisis management where scenario-based risk assessment and response is done



**TATA STEEL  
LONG PRODUCTS**

**Tata Steel Long Products Ltd.**



Tata Steel Long Products Limited is one of India's largest specialty steel producers in Special Bar Quality (SBO) segment and merchant DRI producers. They have a vision to be a benchmark in the Indian Long Product Industry for value creating and corporate citizenship. The recent ongoing acquisition of Neelachal Ispat Nigam Limited further strengthens the growth aspiration and will enable it in becoming the hub for long products business in future.

- Tata Steel Long Products (TSPL) has a process in place for identification and assessment of training & development needs of all its employees. An exhaustive analysis is carried out to find out training needs at various levels - individual level, annual performance review, departmental level as well as at the task level. The execution of trainings is measured through financial (training cost per employee) and non- financial indicators (employee coverage, training man-days)
- The organisation publishes an Integrated Report in accordance with SEBI guidelines on business responsibility reporting and the IIRC's Framework, which is externally assured in line with international standards - AA1000 and ISAE 3000. TSPL conducts materiality analysis, by taking inputs from external as well as internal stakeholders. The key aspects are - water consumption and zero effluent discharge, CO<sub>2</sub> emissions, occupational health and safety, community development in the vicinity of business operation units and effective waste management
- The organisation demonstrates its commitment to occupational health and safety through ISO 45001 and has a formal policy approved by the Board. TSPL has implemented Process Safety Management (PSM) for its high hazard operations and where HAZOP is a mandatory process to identify the hazard, they evaluate the risk and implement the recommendations for prevention or containment of the consequences. 95% of TSLP's permanent employees and 100% of its contract employees have attended health and safety trainings
- The organisation conducts LCA for 100% of its products in accordance with ISO14040:2006 and ISO14044:2006. TSPL has developed new Lead-free Steel to eliminate hazards related to lead on humans as well as the environment, Bamboo Mat (Bio-degradable) protection provided to coils to protect from abrasion/frictional damages during transit and implemented Digital Test Certificate to reduce paper consumption



## JSW Cement Ltd.



JSW Cement is a leading green cement manufacturing company having the lowest CO<sub>2</sub> emission intensity across the industry sector in India. The company has also forayed into other green product portfolios such as low carbon construction chemicals & aggregates. JSW Cement, since its inception in 2007, has operated based on the principle of circular economy, with an approach towards creating a better world with sustainable business practices.

- The organisation sources 95% of raw materials sustainably, in an environmentally friendly manner with a consideration to human rights. Out of this 64.42 % are recycled raw materials. JSW Cement has implemented various energy efficiency and optimization measures like installation of MVVFD, LED lighting, optimization of compressed air, false air arresting, VFDs, open access scheduling, power factor improvement, reduction in pressure drop, loop optimization etc. By these initiatives they have saved ~ 14536177 kWh & ~ 13228 Tonnes of CO<sub>2</sub> emissions as well as monetary savings of ~ INR 1000 Lakh
- There are co-processing facilities in the cement kiln to maximize the usage of alternative fuels during the manufacturing process. During the year the organisation has co-processed ~ 25839 tonnes of waste (hazardous & non-hazardous) in an environment friendly manner. They have reduced approx 19500 Tonnes of CO<sub>2</sub> emissions by utilizing industrial wastes in place of traditional fuel and saved ~ INR 650 Lakh
- There is a JSW Cement group occupational health & safety management system implemented in all operating units and projects and 100% of sites are audited regularly. Risks are identified through - Daily Safety Observations Tour by trained employees and feed in to the mySetu software as well as Contractor Field Audit Inspection & Audits. They mitigate risks through implementation of innovative and unique safety measures like Lifeline for Tarpaulin Removal, WAH Vertigo test, Near Miss Reporting, Site Observations and Daily Safety Observation Reporting
- The organisation the conducts LCA for its products in accordance with ISO14040:2006 and ISO14044:2006. Ground Granulated Blast Furnace Slag (GGBS) is a non-metallic by-product of the steel manufacturing industry which JSW Cement is putting to use. They have developed technology whereby molten ash from the furnace in the steel plant is rapidly chilled with water, transforming it into amorphous granules (glass), meeting the requirement of IS12089:1987(manufacturing specification for granulated slag) used in Portland Slag cement



## Grasim Industries Ltd. Units: Jaya Shree Textiles, Vikram Woollens, Grasim Premium Fabric



Grasim Industries Limited is a public listed company and is one of the Aditya Birla Group's flagship companies. The Domestic Textile Business of Grasim Industries Limited has 3 manufacturing units: Jaya Shree Textiles, Rishra, Vikram Woollens, Malanpur and Grasim Premium Fabrics, Kolhapur.

- The organisation conducts LCA in accordance with ISO14040:2006 and ISO14044:2006 and all products are 100% sustainable. The LCA covers both upstream and downstream products/services. All products are labelled with European flax logo, AWTA wool mark logo, RWS, GOTS, Recycled /GRS and Oeko tex std 100 logos/certificates
- The organisation has an environmental management system in place and 100.00 % of sites are certified with ISO 14001. Renewable energy as a percentage of total energy consumption is 13%. Reengineering of humidification plant has brought about annual energy savings of 1582140 KWH. There was CO<sub>2</sub> reduction to the tune of 1360.64 Ton CO<sub>2</sub>e per year. They are publicly committed to become SUP free with policies and procedures in place, set yearly targets on phasing out SUP as well as work with suppliers to phase it out from value chain. Steam Accumulator has been added in system for the first time in the history of Asian textiles industries, leading to annual reduction in CO<sub>2</sub> Emission of ~ 1265.5 MT
- Grasim uses a systematic risk management methodology to monitor and analyse possible hazards on a continual basis. It has a company-wide multidisciplinary risk identification, assessment, and management procedure. Chief Risk Officer is the CFO, Domestic Textiles. The organisation conducts quarterly Risk Management meetings with CEO and all EXCOMs, HR Heads and Safety and Engineering heads present. Grasim has integrated technology into its risk management process, leveraging the capabilities of tools and applications such as SAP and Enablon
- The organisation commits to OHS through the Implementation of ABG Sustainability frameworks such as Safety Management System, Fire, Risk, EPRP, Machine Guarding, PTW, Road & Driving Safety, Scaffolding, etc. There are safety observation rounds on unsafe acts and unsafe conditions, INSPIRE training programmes for employees and toolbox talk for workmen. They have a very elaborate protocol and systems in place for the identification of health and safety risks and strategies to deal with them. HIRA: 5X5 Risk matrix and other systems are in place. The LTIFR is being decreased since last 5 yrs



HINDUSTAN ZINC

Zinc & Silver of India

## Hindustan Zinc Ltd.; Chanderiya Lead Zinc Smelter Unit



Hindustan Zinc Limited (HZL) has an existing Chanderiya Lead Zinc Smelter (CLZS) Complex and comprises of Pyro Metallurgical Smelter (1, 05,000 TPA Zinc and 35,000 TPA Lead), Ausmelt Lead Smelter (60,000 TPA) and Hydro Metallurgical Zinc Smelter (5, 04,000 TPA) at villages: Putholi, Ajoliya Ka Khera & Biliya, Tehsil: Gangrar & Chittorgarh, District: Chittorgarh (Rajasthan).

- At HZL, risk management is part of the performance linked appraisal matrix and accordingly the annual performance appraisals are linked. In addition to this employees are also suitably rewarded under other incentive schemes for their contributions. There is a well-organised digitalized RMS Platform that gives a vast quantity of risk information with respect to business locations and provides a live and swift overview of Risk Register with respective mitigation plans, risk owners and a target due date
- The organisation reports sustainability issues in accordance with GRI G4 Guidelines / GRI Standards, and SEBI guidelines. Additionally, aspects related to sustainability are reported through Carbon Disclosure Project, Water CDP, Forest CDP, UNGC communication on Progress, FIMI communication on Principles (Sustainability Mining Initiative), TCFD disclosure and for safety performance, ICMM. HZL conducts materiality analysis and key material aspects identified are occupational health & safety, water and air emission management, energy and climate change, community engagement and development initiatives, supply chain management, diversity & equal opportunity, and local employment
- The stakeholder engagement plan is in line with Vedanta's Technical Standard TS-05: Stakeholder Engagement, and includes stakeholder identification and analysis, information disclosure, communication, problem or conflict anticipation and prevention, ongoing consultation, formation of partnerships, construction of grievance resolution mechanisms, negotiated problem solving, employee involvement in project monitoring as well as regular reporting forums and procedures
- The organisation has a Human Rights Policy in place and has publicly committed to support the Universal Declaration of Human Rights. The policy applies to all concerned like employees, joint ventures, suppliers, contractors, NGOs, subsidiaries etc. HZL targets gender parity with equal representation and equal opportunities for both the genders across all levels. A conscious effort has been made to improve the gender diversity percentage, which is currently at 15% and as a result, India's first women mine managers to work in underground mines are from Hindustan Zinc



## NTPC Ltd.; Sipat Super Thermal Power Station



NTPC Sipat is a 2980 MW capacity Super Thermal Power Station of Power Maharatna M/S NTPC Ltd. The Station has adopted Super Critical Technology for Stage-1 units, leading to reduction in carbon footprint and other emissions as well.

- The organisation has an Environment Management System in place and 100% of its sites are certified with ISO 14001. 100% of raw materials are sourced sustainably in an environmentally friendly manner with consideration to human rights as well. With respect to reduction of energy consumption, TDBFP Mechanical Seal Upgradation: Silicon Carbide (Life 6 Months) seals were replaced with diamond faced seal. The TDBFP downtime has reduced by four times and MDBFP running hours reduced by ~ 400 Hours. The total investment is Rs 2 Cr and energy saved is 3.2 MU. They have installed VFD in service water pumps in STG-I & II (32 Lakh) and power saved was 92KW per hr
- The focus areas clearly defined in the CSR Policy are education and potable water. Solar powered water ATMs, water pumps, tube wells are installed in nearby government schools and villages. Infrastructure like solar powered canteen building has been setup in the Government College at Sipat. A 4-week residential training for 120 young girls was organised to enhance skills among the students. 9 girls were selected to study at NTPC Sipat Bal Bharti Public School on the basis of their performance
- NTPC has a detailed Stakeholder Management Guideline which mentions a well defined 3 layered approach for identification and prioritization of stakeholders and the engagement approach for prioritized stakeholders. Identified Stakeholders are further prioritized on the basis of power - interest matrix. A detailed engagement process with information about frequency, agenda, touchpoints, analysis, review, etc. for high priority stakeholders is created. This data is captured through an IT tool and the whole process and outcome are reviewed every 2 years
- NTPC Sipat publishes its sustainability report in accordance with GRI G4 Guidelines / GRI Standards, SEBI guidelines on business responsibility reporting, TCFD based reporting, and IIRC's Framework. Materiality analysis process is conducted timely and 5 key material aspects identified are: occupational health and safety, 100 % ash utilisation by 2023, by 2022, reducing specification water consumption (l/kWh) by 24 % from 2012 levels and 34% by 2032, by 2032, reduce specific CO<sub>2</sub> emission by 17% from 2012 levels and reduce SO<sub>x</sub>, NO<sub>x</sub>, PM emissions as per TBP 2032



## NTPC Ltd.; Talcher Super Thermal Power Station



Talcher Super Thermal Power Station (Talcher- Kaniha), a pit head coal-based thermal power station is an engineering unit of NTPC, housing six 500 MW units and 10MWp of solar station sprawling across 3800 acres of land in the State of Odisha.

- There is a Board level Committee on CSR and Sustainability that focuses on sustainability issues in the organisation. Sustainability performance is regularly reviewed and monitored by top management and key sustainable development projects such as renewable energy projects, water conservation programmes/ ecological services/ biodiversity conservation and community empowerment are gauged on a defined set objectives and deliverables
- NTPC Talcher has a well-defined 3 layered approach for identification and prioritization of stakeholders and the engagement approach for prioritized stakeholders. The key topics and concerns that have been raised through stakeholder engagement are- energy charge and reliability of power, unit overhauling schedule, Infrastructure development w.r.t education/ health/sports facilities, environmental protection, drinking water supply, economic growth, business opportunities and employment
- The organisation has taken measures to phase out/ban SUPs and publicly committed to become SUP free with policies and procedures in place. Recycled/reused water as a percentage of total water consumption is 96% and, 100% of discharged water/effluents is treated before disposal. NTPC Talcher is operating with closed cooling water systems, closed ash water systems, dry ash extraction systems, and also implemented zero discharge mechanism with 100% ash water recirculation system for optimization of consumptive water requirements
- NTPC, Talcher has taken up some key education programmes such as: residential workshop for girls of nearby schools in classes 5-6 under the Girls Empowerment Mission; Rashtriya Avishkar Abhiyan in government Schools for improving teaching & learning levels of students; UTKARSH Scholarship Distribution Programme which distributed scholarships worth Rs. 4.11 lakhs to 50 students from nearby villages for exceptional performances in Class X, XII and B.Tech



**BIRLA  
CORPORATION  
LIMITED**

### Birla Corporation Ltd.



Birla Corporation Limited (BCL), is the flagship Company of the M.P Birla Group, a diversified business conglomerate in India. 100+ years of the old group is primarily engaged in manufacturing of cement as its core business activity along with jute, cable, optical fibre and guar gum. The group also has extensive presence in education and healthcare services industry. The company has presence across 10+ states with plants in Madhya Pradesh, Uttar Pradesh, Rajasthan, Maharashtra, and West Bengal.

- Birla Corporation assesses risks through risk maps, scenario planning and macro & micro economic datum. To reduce the impact, mitigation steps are mentioned against each of the risks captured in the "Risk Register"; risks and possible impacts are analyzed & assessed against a timeline of long or short term; 'Risk Owner Dept' are identified for initiation of necessary risk treatment and a continuous review mechanism assisted by "Risk Based Review / monitoring" is put in place
- The organisation is fully committed to a strong Health, Safety and Environmental programme and hazard assessment is documented using reference of MPB/SS/4.0-RAC/20- 21/00: Risk Assessment & Control Procedure. Workforce involvement provides a system for enabling the active participation of company employees and contractors in the design, development, implementation, and continuous improvement of the OH&S Management system. LTIFR - 12% reduction from last FY, LTISR - 25% reduction from last year
- The organisation's 100% sites are certified with ISO 14001. Renewable energy as a percentage of energy consumption is 22%, recycled/reused water as a percentage of total water consumption is 100% and 100% of discharged water/effluents is treated before disposal. Innovative treatment of domestic wastewater done by using bio-chemicals resulted in 95% of waste reuse and savings in energy consumption in one of the grinding units
- The organisation conducts LCA for 100% of its products and has made commitment of resources such as human and financial for LCA and R&D initiatives. The company also utilizes waste heat of clinkerization process for power generation by installation of Waste Heat Recovery System (WHRS). This helps in reduction of carbon footprint and making the plant more energy efficient



## NTPC Ltd.; Tanda Super Thermal Power Station



Tanda Super Thermal Power Station is a 1760 MW (Stage-I:4X110 MW and Stage-II:2X 660 MW) coal-based power plant located in the Ambedkar Nagar district in the Indian state of Uttar Pradesh.

- The organisation has a Human Rights Policy in place and has publicly committed to support the Universal Declaration of Human Rights. NTPC Tanda conducts due diligence (HRDD) on the following aspects of human rights risks in its operations- issue of child labor, forced and compulsory labour, non-discrimination, minimum wage payment, insurance of contractor workers as well as PF account of contractor workers
- Focus areas clearly identified in the CSR Policy are education and health. Keeping health as the priority, NTPC Tanda has been organising regular health camps for people of nearby villages; established homeopathic clinics in 7 villages and started the Mobile Medical Unit which shall focus on primary healthcare and maternal and child healthcare. For sanitation-swacchta drives are organised in villages along with awareness creation through nukkad natak and installation of vending & incinerator machines
- The organisation has a comprehensive occupational health & safety system in place and are certified with ISO 45001. OHS is the ultimate responsibility of a Board member. For identification of health and safety risks, inputs are also shared by KOM (Key Opinion Maker chosen among the workers gang) and the Suraksha App is rolled down by Corporate to facilitate the capture of deviations
- The organisation identifies emerging risks such as - stringent environmental norms, fuel transportation, traffic congestion due to station capacity expansion as well as water availability in the lean season. The respective mitigation actions undertaken to deal with these are - installation of FGD, DSI, Over Fire Air System, Low NOx burner, tree plantation, waste management, rainwater harvesting, zero liquid discharge; infrastructure development like construction of rail over bridge; purchase of high-capacity dredger for removal of silt deposition near intake well through UPID



# AWARD CATEGORIES

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## Domain Excellence

Corporate Social Responsibility

Environment Management

Biodiversity

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## LTIMindtree

### LTIMindtree



LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 750 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world.

- The organisation's flagship programme of Women Artisan Skill Enhancement Project (WASEP) provides an impetus to the revival of an ancient Tribal art, Warli painting, along with skilling underprivileged women in art forms local to their area and promoting entrepreneurial skills. In this project in a span of four years, LTI has trained more than 2,300+ women and supported them with livelihood and entrepreneurship opportunities
- The youth empowerment programme is intended to promote skilling among marginal communities to increase their employability. During FY 2021- 22, the organisation took multiple initiatives to provide jobs to the youth through digital job fairs. They established 60 centers across Mumbai, Pune, and Chennai, and provided trainings to 17,700+ beneficiaries of which 6,700+ acquired placements in industries such as sales, marketing, IT, BPOs etc
- Addressing the critical issue of environment conservation, the organisation conducts various activities such as tree plantation drives, ecochullas deployment amongst the marginalized needy communities which uses traditional chullas, paper recycling initiatives, e-waste collections and arranging environmental awareness volunteering drives. During FY 2021-22, they planted 2,43,300+ trees across India and have till date planted more than 4 lakh trees PAN India
- Virtual Learning initiatives- with the objective to make learning interactive and engaging, the 'Introduction to Basic Technology' (IBT) programme has continued to improve students learning. This programme is implemented for students of classes 8-10 and aims to put their theoretical knowledge to use by designing products that can benefit society. During FY 2021-22, the organisation helped 5,600+ students in experiential learning with 16,800+ learning hours and engaged 140+ volunteers with 190+ volunteering hours



### Dalmia Bharat Ltd.



Dalmia Bharat Limited is a leading player in the cement manufacturing segment and has been in existence since 1939. It is the first cement company to commit to RE100, EP100 & EV100 with a growing capacity, currently pegged at 33 million tons, Dalmia Cement also has the fourth-largest cement manufacturing capacity in India.

- The organisation has a CSR policy which aims at sustainable and inclusive growth by making triple bottom line impact. The focus areas identified are sustainable livelihoods and climate action. The entire chain of CSR activities is managed through an online management system named DFMS (Dalmia Foundation Management System). Expenses for all projects are monitored through this online platform. A new app has also been designed which will encourage the community to provide direct feedback on the various programmes
- Skill Based Livelihood - 1659 trainees completed their training during the financial year 2021-22 at 12 Dalmia Institutes of Knowledge and Skill Harnessing (DIKSHa) Centres and 690 trainees were pursuing their training as on 31st March 2022. Over 90% of the trainees who have completed their training during the financial year, are gainfully employed and earn a monthly income ranging between INR 8,000 and INR 20,000
- Water related activities form a crux of the climate action programmes along with promoting clean and renewable energy. Various activities carried out are - integrated watershed management, desilting of existing water bodies like ponds, lakes etc., spring shed water management, roof top rainwater harvesting in schools and other institutions, street solar lights as well as clean solar cooking solutions replacing kerosene. 1401 water harvesting structures have been created resulting in 51.74 lakh litres of additional water and 20% increase in crop yield of farmers
- A proper community complaints mechanism has been developed. Under this, all grievances and complaints are recorded in a register along with the other details like name of complainant, issue, date of complaint and then tracked till closure
- The organisation conducts third party Impact assessments, and the learnings and recommendations thereof are used to further improve the programmes. There is also a mechanism of measuring the social return on investment for most of the programmes

## AkzoNobel

### Akzo Nobel India



At AkzoNobel, sustainable and innovative paints and coatings are supplied that customers, communities and the environment are increasingly relying on. It is a pioneering paints company that's committed to science-based targets and is taking genuine action to address globally relevant challenges and protect future generations.

- The organisation has an employee volunteering programme where, apart from getting involved in regular CSR projects, employees are free to choose any development project of their own choice, apply for funds and implement it
- Education, employability & livelihoods enhancement- in synergy with Government of India's flagship programme 'Skill India', the organisation has initiated skill training in painting to promote employability amongst youth. There are 5 own centres of AkzoNobel Paint Academy (APA) in 4 states of India offering skill training to more than 2,000 youth and painters per year in decorative paints and vehicle refinish
- As a part of Diversity & Inclusion initiative, during 2021-22, 310 women have been trained and placed in jobs as painters; 147 prison inmates and juveniles have been trained out of which 35 have gained a fresh lease of life by resuming work as painters. Under women empowerment programme for rural women, 180 women have been trained in decorative paints. The organisation conducted deco training for 25 youth at Imphal as livelihood rehabilitation for youth recovered from drug addiction as a pilot project
- Community health- in partnership with Government health departments, the company provides preventive and curative health care to more than 60,000 villagers around Bengaluru (Karnataka) and in Bhind (Madhya Pradesh) through tele medicine. The project uses latest technology like Artificial Intelligence (AI) to detect diseases and provide access of specialized diagnostic services
- The organisation kicked off a new project pan India during COVID 19 viz. 'Arogya Sakha' (health's best friend) exclusively for painters' community and their families. In this project, more than 1.5 million beneficiaries get access to specialist doctors through tele-medicine. Since 2019, 21,000 + tele consultations have been provided to villagers and painters. 12,500+ tele consultations took place in 2021-22. Access to tele medicine was provided for more than 1.5 million painter families and more than 60% of the beneficiaries are women and children



### TATA COMMUNICATIONS

#### Tata Communications



A part of the Tata Group, Tata Communications is a global digital ecosystem enabler powering today's fast-growing digital economy in more than 190 countries and territories. It enables digital transformation of enterprises globally with collaboration and connected solutions, core and next gen connectivity, cloud hosting, security solutions and media services. 300 of the Fortune 500 companies are its customers and the company connects businesses to 80% of the world's cloud giants.

- Digital Enablement is at the heart of the organisation's CSR interventions, with the objective of harnessing expertise in technology to create equal opportunities for communities and bring about sustainable development. Tata Communications has aligned CSR interventions to the UN SDGs
- Project ANEW (A New Education Worldview) tab-based adaptive learning systems were introduced in 110 schools with tab-labs set-up in 8 schools to reduce the digital divide and increase access to and ownership of self-learning with the introduction of mobile-based, customized, and gamified tools for reinforcing language literacy. In FY21, the team worked to raise funds for procuring 2500 devices for learners without access to smartphones. Number of students benefitted were 59,284 (40% female) and Government schools benefitted were 110
- Under sustainable livelihoods (Project Lakhpati Kisan - Smart Villages), manpower was skilled for advanced agriculture practices by conducting around 600+ trainings across farmer producer companies comprising agricultural training, village institution training, livestock trainings, etc. This initiative improved household income of 6,000+(women) tribal families by adapting climate-smart technologies for high-value agriculture promotion (398 acres) through drip irrigation (80 acres) and high-tech nurseries
- The project Tata Strive provided a wide range of skill development opportunities by training 1,900+ youths on skill development through 16+ courses across the supported centres including 900+ female learners in job-ready skills. This resulted in enhancing livelihood opportunities of youths by placement of ~77% of the youth after completion of the course with ~INR 14,863 average monthly salary post-employment



## Apraava Energy Private Ltd.



Apraava Energy is a diversified power company, jointly owned by the CLP Group, one of the largest investor-owned power businesses in Asia and Caisse de dépôt placement du Québec (CDPO) a global investment group. The portfolio comprises 3,150 MW of installed capacity which includes 924 MW of wind and 250 MW of solar energy projects across seven states, a 1320 MW coal-fired super critical power plant and two power transmission assets.

- The organisation supports initiatives that encourage youth and women empowerment as a cross-cutting theme while undertaking locally relevant programmes. Under Uday, a women empowerment project, a milk cooperative, run wholly by women has 2,187 beneficiaries through capacity building, exposure visits, effective operation of milk collection centers and the establishment of two milk selling outlets through women's federations
- Solar interventions project was implemented in Hara, Saundatti and Veltoor. This included solar powered home lighting system, solar powered smart classes in schools and solar gadgets in primary healthcare centres and other community spaces benefiting about 7800 individuals. Fourteen villages of STPI's catchment at the two ends of the transmission line i.e., at Ashta and Seoni Malwa, Madhya Pradesh, were electrified using solar streetlights. Solar gadgets were installed in schools and kindergartens. This programme benefited over 15,000 people, including children, students, and local youth
- Apraava Energy in partnership with CII Foundation scaled up the Crop Residue Management programme in Haryana cumulatively covering about 34 villages across 4 districts and 45,000 acres of farmland with the aim to make the area free from stubble burning practices. This benefited over 10,700 farmers. Key interventions include provision of technological tools bank, behaviour change training and exploring locally relevant ex-situ options for straw management
- 56,000 covid vaccinations led to improved immunity building in the community around the catchment of Apraava business locations and elsewhere. Long term resilience building and health awareness covered about 400K people
- During the lockdown when schools were closed, family happiness kits were distributed to 15,000 mid-day meal beneficiaries across Hubli and Nawabpet. During Jan to Mar 2022, regular mid-day meals programme resumed for the benefit of 10,000 children around company's Veltoor project in Telangana. Mobile medical van project provided primary health services to 44 villages around company's Jhajjar and Andhra Lake project, benefitting about 28,000 people

ADITYA BIRLA



UltraTech

### UltraTech Cement Ltd.; Andhra Pradesh Cement Works



UltraTech Cement Limited is the cement flagship company of the Aditya Birla Group. A USD 7.1 billion building solutions powerhouse, UltraTech is the largest manufacturer of grey cement and ready-mix concrete (RMC) and one of the largest manufacturers of white cement in India. It is the third largest cement producer in the world, excluding China.

- CSR policy of UltraTech aims at sustainable development in alignment with the UN Sustainable development goals with an aim to develop the neighborhood communities in a holistic manner and for a positive impact on their social, economic and environmental concerns
- Under project Spoorti Jute works - empowering women one stitch at a time, 30 Rural women have been benefitting through uniform stitching project by stitching uniforms of employees, school children and other cement units nearby on a regular basis. These 30 women are earning between Rs: 7,000-7500 per month, sharing the financial responsibility of running a household and giving quality education to their children. For the continuity of the project ,60 to 100 rural women from nearby villages are trained every year
- Integrated Watershed Management project is aimed to make the villages water positive. Due to watershed interventions ground water levels increased 2 to 4 mtrs in the nearby areas and sufficient water is available for farmers to cultivate throughout the year. A big positive change is being witnessed in the lives of over 2000 people across 500 households living in two villages of Andhra Pradesh's Kurnool and Anantapur districts. There is a substantial increase in total farmland, higher crop yield and better know-how in terms of good agricultural practices and soil culture
- With the objective to provide safe drinking water to nearby communities, UltraTech Cement Ltd laid water pipelines in the entire project village and spent INR 12 Lacs for this CSR initiative. The Gram panchayat has taken initiative and provided water tap connections at their doorstep. This initiative has been benefitting about 545 households, and around 2300 people on a regular basis



### Larsen & Toubro Ltd.; Defence Business Strategic Systems Complex; Talegaon



The Strategic Systems Complex at Talegaon, is a state-of-the-art Production Centre of L&T Defence. The Centre is responsible for development, realisation, testing and delivery of a wide variety of Weapon Delivery Systems, Sensor Systems and Engineering Systems for the armed forces. The Centre delivers a wide spectrum of highly customized projects, meeting world-class quality and sustainability standards, in line with the Government's Atmanirbhar Bharat initiative.

- Three mobile medical units in Pune and Raigad district are being run covering 115 villages. Special initiatives / camps (20) for Katakari tribes to improve access are undertaken, reaching out to a tribal population of 15,000 to provide primary health care. There is an improvement in health indicators as well as behavioral change to access health care for prevention
- The organisation is conducting science programmes in 35 schools to promote science. Training of teachers is also being done at the schools. This is promoting curiosity amongst 5000 children by providing access to quality science teaching in schools. 2000 students participated in the science fair organised
- The organisation is carrying out plantation using Dr. Akira Miyawaki technique of plantation which ensures faster growth of the trees with minimum water & maintenance. At Talegaon there are 3 forest patches developed using the innovative technique. Guests are felicitated either by planting a sapling or by presenting a Tree Certificate at the L&T establishment. Tree plantation and maintenance is a part of Integrated Community Development (ICD) programme adopted across villages in Rajasthan, Maharashtra, and Tamil Nadu
- At L&T Talegaon, under a special initiative, an innovative idea of supplying tea to the company employees by Women Self-help group from neighboring village was introduced. Financial assistance to buy the utensils, cooking, health & hygiene training as well as accounts keeping training was imparted by L&T. The group is providing almost 2000 teacups per day for last 12 years thereby able to maintain financial sustainability for their members and empowering them



**DCM SHRIRAM**

Growing with trust

### DCM Shriram Ltd.



DCM Shriram Limited, an offshoot of DCM group, (Delhi Cloth & General Mill) is a leading business conglomerate, headquartered at New Delhi since 1990. The Company's operations are predominantly based out of India, with one of its entities in the Philippines serving more than 60 countries across the globe. As an integrated business entity, DCM Shriram Ltd. encompasses business portfolios in Agri-Rural, Chlor-Vinyl, and other value added businesses.

- The organisation conducts LCA that covers the downstream of product and is REACH compliant for Caustic Soda and Caustic lye under which LCA is part of the Product Data Sheet and Product Dossier
- The organisation has developed hybrid seeds that are resistant to adverse weather conditions, drought, water logging, insects pests and diseases etc thereby reducing water consumption and use of fertilizers when used by farmers. The liquid fertilisers range is powered by SmartFlow formulation technology
- The organisation is committed to sustainable sourcing and 90% of raw materials are sourced in an environment friendly manner with consideration to human right issues. Recycled raw materials used are 25%
- In the Aluminium Chloride Plant, process modification has resulted in reduced solid hazardous waste generation by 65% and optimising operation of Sulphate Recovery System has resulted in low generation of brine sludge. The GHG reduction initiatives include Green CO<sub>2</sub> for green urea production, use of H<sub>2</sub> as fuel in furnaces saving fossil fuel and using high calorific waste for co-processing in cement kiln
- Due to various initiatives for water conservation and rainwater harvesting, the organisation was able to sustain water positive status and achieved 11 times water positivity during FY2021-22. The organisation also worked on increasing resource efficiency (excluding energy and water; including materials used, and packaging material) by recycling of Lime sludge, Fly ash and Bagasse for cement manufacturing and generation of power



## Cummins India Ltd.



Cummins India Limited (CIL), part of the Cummins Group in India, is headquartered in Pune since 1962 and is the country's leading manufacturer of diesel and natural gas engines for power generation, industrial and automotive markets. The company caters to end markets such as construction, compressor, mining, marine, railway, oil and gas, pumps, defense and power generation.

- The organisation conducts LCA for its products/services in accordance with ISO14040:2006 and ISO14044:2006. 100% of the products and services are assessed for their health and safety impacts. 100% of the packaging materials are reclaimed. There is a dedicated R&D (CTCI) facility at Pune which has more than 2700 engineers to support new and old product upgradation
- The organisation has an environmental management system in place and 100% of its sites are certified with ISO 14001. 100% of its raw materials are sourced sustainably and renewable energy as a percentage of total energy consumption is 5%. The organisation has taken 24 % renewable energy generation target by 2030
- Compliplus is a software developed for evaluation of compliance where the status against each legal requirement is tracked on monthly basis. The compliance status is uploaded by the performer, approved by the department and is visible till the senior management level. The HSE team also tracks consent compliance on a monthly basis for all sites using an excel tool named 'Consent Tracker'
- ReCon (HHP RC) business is an innovative sustainable solution which demonstrates the commitment of the organisation to social and environmental stewardship. The reconditioning/ remanufacturing/ rebuilding engines and components from end-of-life products collected through reverse logistics is achieved through a well-established system. ReCon products are built to original specifications and quality standards with a Cummins warranty at a lower cost



### Epsilon Carbon Pvt. Ltd.



Established in 2010, Epsilon Carbon Pvt Ltd is a leading manufacturer of coal tar derivatives and India's only backward-integrated company with a dedicated source of raw materials. They pioneered India's continuous coal tar distillation unit at Vijayanagar, Karnataka. Spread over 160 acres, and with a capacity of 2,20,000 MTPA, this state-of-the-art manufacturing unit for coal tar allied products caters to 40 percent of the pitch demand in India's aluminium industry.

- The organisation conducts LCA for 100% of its products in accordance with ISO14040:2006 and ISO14044:2006. Products that are designed to mitigate the environmental impact are Synthetic Graphite for Anode Material for LI-ion Battery, Coal Tar Pitch (used in aluminum industry, and generated for coke oven waste products) and power & steam generation combined for overall carbon complex from waste gas generated during the production process
- The organisation has an environmental management system in place and the highest level of direct responsibility lies with a Board member. The organisation is using 6% of renewable energy as a part of total energy consumption. However, the share of renewable energy is being increased on yearly basis and there is a commitment to increase the use of renewable energy in its energy consumption to 15 % by 2025. Recycled water as a percentage of total water consumption is 30.41% and the entire water is recycled and reused and none is disposed
- The organisation has undertaken several initiatives to reduce its environmental footprint - to reduce emissions, undertaken Steam Integration of CB & CT Plant by using Single CB Tail Gas Boiler that led to extreme energy conservation. To reduce water use, High Condensate Recovery (from 37% to beyond 45%) was done in CT Plant. There was an increase in resource efficiency at the CB plant by using recycled material pallets for domestic as well as exports with respect to Carbon Black Materials



Aapki Jeet. Hamari Jeet.

### Ashok Leyland Unit 2; Hosur



Ashok Leyland, flagship of the Hinduja group, is the 2nd largest manufacturer of commercial vehicles in India, the 4th largest manufacturer of buses in the world, and 19th largest manufacturers of trucks.

- The organisation has an Environment management policy in place which includes the components of energy, water, climate, waste and environment. The highest level of direct responsibility for environmental management lies with a Board member. 100% of raw materials are sourced in an environmentally friendly manner with consideration to human rights issues. Renewable energy as a percentage of total energy consumption is 80% and recycled water as a percentage of total water consumption is 76%. The organisation is a 'Water Positive' Company certified by M/s DNV GL
- The organisation has publicly committed to become SUP free and all the plastic waste generated is collected and disposed to authorised recyclers. 100% of their packaging material is reclaimed
- The organisation has identified the relevant laws and has processes in place to monitor compliance. All legal requirements applicable to the site have been mapped. There have been no fines/penalties paid in last 5 years as reported
- The share of renewable energy is reported as 80% of total energy consumption and a plan to take it up to 100% by 2026. 99% of waste generated is utilized in the waste to energy plant at site. Shifting of Roller Test Bench to main conveyor for M & HCV vehicles has been done to avoid emissions, EDR technology is adapted to recover water at 94% rates and a 7 MW Solar park has been established



HINDUSTAN ZINC  
Zinc & Silver of India

## Hindustan Zinc Ltd.; Zinc Smelter, Debari



Hindustan Zinc is committed to carving a sustainable growth path and create value for all stakeholders, by conducting business in an ethical and responsible manner. From driving innovations and practicing sustainable mining to reducing environmental footprint and ensuring inclusive community growth, sustainability is embedded across the value chain. As a Vedanta Group company, they have reinforced the principles of the Vedanta Sustainability Framework (VSF) into our Sustainable Development Model.

- The organisation conducts LCA that covers 100% of its products in accordance with: ISO14040:2006 and ISO14044:2006. The scope of LCA covers own operations (product/service within the premises of the organisation) and upstream and downstream of product/service. There is a dedicated team at Business Excellence that works in tandem with respective plants as well as a dedicated centralized team available with a full fledged laboratory for product and by-product quality improvement, waste reduction, reuse, recycling, recovery, etc
- The organisation has taken multiple initiatives to improve the environmental impact by either making them eco-friendly or mitigating the environmental impact. RO ZLD and CSTP has been constructed which have helped in reducing the fresh water consumption of plant by 65%. Jarosite & Sodium sulphate recovery initiatives have been taken which has helped in the reduction in waste generation and disposal
- The organisation has an environmental management system in place and 100% of sites are certified with ISO 14001. 100% of raw materials are sourced sustainably and renewable energy as a percentage of energy consumption is 19.95%. Water is integrated into a comprehensive, company-wide risk assessment process incorporating both direct operations and supply chain and recycled/reused water as a percentage of total water consumption is 68%
- Process improvements done to accrue environmental benefits are - mechanical vapor recompression to extract out the high-grade sodium sulphate from ZLD Salt that is utilised back into process; 84,000 MT of jarosite has been sent for recycling; Land reclamation of jarosite pond and construction of a solar plant of 12 MW on it lead to a 15% increase in renewable energy



Birla Cellulose  
Fibres from nature

## Grasim Industries Ltd.; GCD Vilayat



Grasim Cellulosic Division, Vilayat (a unit of Grasim Industries Limited, Aditya Birla Group) was commissioned in 2014 for manufacturing Viscose Staple Fibre. This is a sustainable man-made cellulosic fibre which is completely biodegradable. Starting with an installed capacity of 350 Tons per day, today this is the largest single location VSF manufacturing site in the world capable to produce 1200 TPD.

- The organisation conducts LCA for 100% of products in accordance with ISO14040:2006 and ISO14044:2006. They have a full fledged laboratory for analysis of incoming and in process materials, as well as final products
- The organisation has developed Viscose Staple Fibre (VSF) which is an ideal replacement for natural fibres and can help in reducing the impact on environment due to lower water footprint and no fertilizer use during forestry. They also developed a method to recover Sodium Sulphate of a high purity during the VSF regeneration process which minimised load on the ETP. LIVA Reviva has been developed utilising 20-30%, reprocessed cotton bringing them closer to circularity
- The organisation has a policy on environment management describing the approach on climate change, energy use, water consumption, resource efficiency and waste management. The highest level of direct responsibility for Environmental Management (EM) lies with a Board member and EM is Integrated into multidisciplinary company-wide risk management processes
- The organisation has a structured water management system plan and review system. Water has been identified as top risk item under sustainability KPI. There is a sound water management plan using the 4R principle and recycling wastewater by technology interventions like RO, MEV, etc. Low water technologies were developed and deployed in core viscose processes such as fibre washing, chemicals recovery and cooling towers



### UltraTech Cement Ltd.; Aditya Cement Works, Chittorgarh Rajasthan



Aditya Cement (UltraTech) is enlightened by the "ABG Purpose". They are enabled and guided by the vision and mission to attain excellence to achieve sustainability with an intense sense of responsibility. For the last two decades, Ultratech has strengthened processes by incorporating the experiences, learnings and innovations that reflects in the Journey of Sustainable Excellence.

- The organisation conducts LCA for 100% of its products, covering own operations as well as upstream of products, in accordance with ISO14040:2006 and ISO14044:2006. 40.63% of revenue comes from sustainable products and they are the first concrete business in India to comply with LEED
- The organisation has taken steps to mitigate environmental impact of their products: Greenish Grey Limestone, GGL (with less than 70 LSF) along with red mud is being utilized with the use of marble slurry/ sweetener of about 300/700 LSF ROM. This has resulted in enhancing the life of mines by 7 years. Chemical gypsum, a by product is being used as a part replacement of natural gypsum in the cement manufacturing, resulting in effective use of industrial waste
- The organisation has an environmental management system in place and 100% of sites are certified with ISO 14001. They are committed to green sourcing and 100% of raw materials are sources sustainably. Renewable energy as a percentage of total energy consumption is 23.15% and recycled/reused water as a percentage of total water consumption is 10.22%. There is a public commitment to becoming SUP free and compensating plastic disposal by co-processing of sorted MSW/RDF in cement kilns
- The organisation takes various measures to reduce energy consumption, water consumption and resource conservation - SNCR installed for aqueous ammonia firing in Pyro section for controlling NOx emissions within the norms, installation of high efficiency new impeller for CM Bag House Fan resulting in annual power saving of 14.83 Lac kWh, installation of 8 MW solar panel, in the mining area saving Rs. 25.28 Lac; ETP With RO has been installed for treatment of effluent waste water in CTPP resulting in 80% of total waste water reuse and 20% utilized in quenching of bed ash



## DSM India Pvt. Ltd. – Engineering Materials, Pantnagar, India



DSM Engineering Materials is a global leader in high-performance thermoplastics that support sustainable development in various industries. They develop innovative materials that solve customers' biggest design and technological challenges.

- The organisation has a sound labelling procedure which covers safety, environment, and social impacts. The organisation has cross functional initiatives around Product Responsibility, Brand Management and Customer Satisfaction. DSM solution Dyneema® is the world's strongest fiber. Ropes with Dyneema®, are more durable, light enough for one to handle, cause less injuries, and deliver the lowest carbon footprint when measured by strength performance
- The health and safety impacts are assessed for improvement for 100% of the products. The organisation has a re-purposed product portfolio for 70% of their product line
- The organisation has an environment management policy which anchors around climate change/emissions, energy use, water consumption, resource efficiency and waste management and is in the public domain. DSM India has 100% of raw materials sourced sustainably and additional 40% of raw materials were recycled raw materials. Recycled/reused water as a percentage of total water consumption is 84% and the percentage of discharged water/effluents treated before disposal is 50%
- Initiatives take by DSM to reduce water use are - dry vacuum pump introduced for new compounding lines to reduce 14 ltrs per min and and helped to save approximately 20 kld to reduce waste, the organisation worked with RT and developed grades to use all polymer startup waste to regrind and recycle



**TOYOTA**

Toyota Kirloskar Motor Pvt. Ltd.



Toyota Kirloskar Motor Private Limited (TKM) is one of the leading auto manufacturers in India. The vision, mission and values drive the organisation to excel in each of the business operations. The endeavor is to enhance the lives of business partners and the community at large. Team Toyota India is committed to serve its customers through advanced technologies & services, thereby fulfilling its commitment to OH&S, Environment, Economic and Social stewardship.

- The organisation shows commitment through its environment policy and objectives/KPIs taken by respective departments which is translated into actions and witnessed by planting more than 3.0 lac plants and developing a habitat for approximately. 50 IUCN red data species of variety of birds, plants and butterflies
- Awareness and capacity building in terms on Biodiversity connects employees, their family, NGOs, government, students, universities experts, dealers, suppliers etc. across the values chain is very well articulated by the organisation. The organisation has also prepared booklets/flyers in the local language for training and awareness
- TKM has an futuristic approach and all forums are digitally available on its website in the form of of storytelling wherein they cover both national and international audiences, connecting more minds and achieving their Eco minds concept
- The organisation has implemented multiple projects to address biodiversity concerns which include 2030-Milestones Green Wave Project-Harmony with nature for "Connecting Communities" to become nature friendly by implementing activities that are in harmony with nature in all regions where Toyota is based in collaboration with local communities and companies. Today for Tomorrow Project- environmental activities for "Connecting with the World" to contribute to biodiversity conservation activities in collaboration with NGOs and others. ESD Project-environmental education for "Connecting to the Future" expands initiatives both in-house and outside to foster environmentally conscious persons



## TATA STEEL MINING

### Tata Steel Mining Ltd.

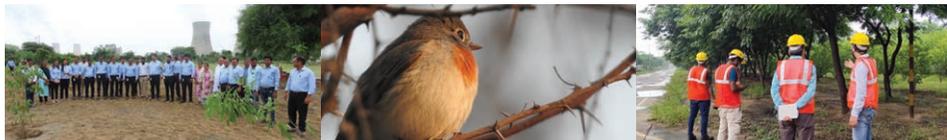


Being the first Indian Company to receive the prestigious Responsible Chromium Label from ICDA, Tata Steel Mining Limited is aiming to redefine the way mining is done through new technology, mineral conservation, sustainability and safety. With multiple state-of-the-art Ferro Chrome producing facilities, we are India's largest Ferro Chrome producer and rank within the top 7 Ferro Chrome producing companies globally.

- The Tata Steel Apex committee of Biodiversity reviews TSML's biodiversity initiatives for its effectiveness & advise on the way forward. The monthly performance report is prepared by the central sustainability team and submitted to senior management at the end of the month. The Managing Director receives monthly updates from senior management. The Managing Director additionally delivers a monthly performance report to the Board of Directors based on this information. For the implementation of the biodiversity targets at their various sites, a core team of experts has been formed, consisting of environmental experts from across the locations and experts from the central sustainability team
- The organisation has Biodiversity Management Plan (BMP) prepared by IUCN for one of the operations. Biodiversity initiatives planned/taken are- 33% plantation across all mines and plant locations by 2030 using the eco restoration methodology and Miyawaki plantation techniques, implementation of Niche Nesting project for bird conservation, development of biodiversity parks across all locations, development of butterfly park in Kamarda & Saruabil mines and FAP plants and development of Hibiscus parks across all locations as the plant has many medicinal values and important to the culture and customs of India
- The organisation has conducted several training programmes on biodiversity for its employees and other stakeholders like the community, students etc. This includes capacity building workshop by IUCN, bird watching programme and an awareness programme on importance of birds in biodiversity and how to conserve them, an awareness programme on preserving tribal culture and biodiversity as well as an awareness programme to conserve sparrows
- TATA Steel Mining has been undertaking restoration activities across all its operation areas-on the stabilized overburden dumps and exhausted mines greenbelt development in FAPs across its mining locations. At SCM, specific habitat enhancement measures are being implemented to improve the overall biodiversity of the mine area. All of organisation's operating locations, have regular plantation initiatives using native species. In FY'22, 23,958 saplings were planted. 13,66,866 saplings of 22 local and native tree species have been planted on a total of 166 Ha



### Jhajjar Power Ltd. (Apraava Energy)



Jhajjar Power Limited (JPL) is a wholly owned subsidiary of Apraava Energy. JPL is a 1,320 MW (Mega-Watts) super critical coal-fired thermal power plant located at Jhajjar in the state of Haryana in India. JPL is operational since FY 2012-13.

- The organisation has initiated its work on biodiversity conservation and are working on many fronts specially on the engagements with employees, communities etc. JPL has undertaken a 3 season study to understand the biodiversity impact and current biodiversity profile and have also identified the actions for enhancement and conservation of Biodiversity. There are monthly green walks, wetland conservation, birthday celebrations as well as planting trees
- Assessment and documentation of biodiversity (flora and fauna, habitats, terrestrial ecosystems, distribution of vegetation, aquatic ecosystems) around Jhajjar Power Limited & a plan for its conservation and development has been carried out in core and buffer zones for 10 Km. SMART Natural Capital Action Plan (NCAP) has been developed to improve the biodiversity quotient (performance of biodiversity and ecosystem services) at JPL and to mitigate risks
- JPL has been planting more than 10,000 trees every year and presently there are more than 3 lakh trees present at the premises. Diversity of trees is maintained and attracts a variety of fauna including IUCN red list species and migratory species through out the year. There are a total of 61 tree species at the JPL premises. Also, there are 30 species of herbs and medicinal plants as well
- JPL has undertaken the following projects to further improve the biodiversity in and around its operations-inter planting the Ficus and semi-evergreen species in existing plantation, wetland development, conservation of natural grassland, development of butterfly park and herbal garden, introducing the mixed type of plantation system, management of invasive species, Gabion structure in soil erosion affected areas and green wall and semi-evergreen broadleaves plantation in the coal yard dumping site

# LIST OF APPLICANTS 2022

## Corporate Excellence

1. Adani Transmission Limited
2. Dr Reddy's Laboratories Limited
3. Genpact India Private Limited
4. Hero MotoCorp Limited
5. Mother Dairy Fruit & Vegetable Private Limited
6. Toyota Kirloskar Motor Private Limited
7. Birla Corporation Limited
8. JK Cement Limited
9. Mondelez India Foods Private Limited
10. Skoda Auto Volkswagen India Private Limited
11. Tata Steel Long Products Limited
12. Adani Green Energy Limited
13. Biocon Limited
14. Grasim Industries Ltd. Units- Jaya Shree Textiles, Vikram Woollens, Grasim Premium Fabric
15. Honeywell Automation India Limited
16. JSW Cement Limited
17. Visaka Industries Limited
18. Chanderia Lead Zinc Smelter Unit, Hindustan Zinc Limited, Chittorgarh
19. NTPC Limited, Sipat Super Thermal Power Station
20. NTPC Limited, Talcher Super Thermal Power Station
21. NTPC Limited, Tanda Super Thermal Power Station
22. Indian Products Private Limited (Jayanti Herbs & Spices)

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## Corporate Social Responsibility

1. Coromandel International Limited
2. Dalmia Bharat Limited
3. Jindal Steel & Power Limited
4. LTI Mindtree
5. Mylan Laboratories Limited
6. Tata Steel Limited
7. UltraTech Cement Limited- Andhra Pradesh Cement works- Bhogasamudram
8. DCM Shriram Limited
9. Sterlite Technologies Limited
10. AkzoNobel India
11. Apraava Energy Private Limited
12. Coca-Cola India Private Limited
13. Epsilon Carbon Private Limited
14. Jaideep Ispat & Alloys Private Limited
15. JK Lakshmi Cement Limited
16. Minda Corporation Limited
17. Shriram Pistons & Rings Limited
18. Suzlon Energy Limited
19. Tata Communications
20. Adani Enterprises Limited- Parsa East Kanta Basan Coal Mine Project
21. Vedanta Limited
22. Adani Dahanu Thermal Power Station, Adani Electricity Mumbai Limited
23. Grasim Industries Limited, Harihar Polyfibers & Grasilene Division
24. M/s. Larsen & Toubro Limited, Defence IC, Strategic Systems Complex-Talegaon
25. Avaada Energy Private Limited, Avaada Sunrise Energy Pvt Ltd (Corporate Social Responsibility)

## Environment Management

1. Asian Paints Limited
2. Nestle India Limited
3. Praj Industries Limited
4. Daimler India Commercial Vehicles Private Limited
5. DCM Shriram Limited
6. Mondelez India Foods Private Limited
7. Bridgestone India Private Limited (Corporate)
8. Cummins India Limited
9. Epsilon Carbon Private Limited
10. Nabinagar Power Generating Co. Limited (Wholly owned subsidiary of NTPC Ltd.)
11. Visaka Industries Limited
12. BitChem Asphalt Technologies Limited
13. Pal Fashions Private Limited
14. WAE Corp
15. Aarti Industries Limited
16. Ashok Leyland, Unit II, Hosur
17. NTPC Simhadri Super Thermal Power Station
18. Vedanta Limited, Lanjigarh
19. Avaada Energy Private Limited, Avaada Non-Conventional UP Project Pvt Ltd (Environment Management)
20. Grasim Cellulosic Division (A Unit of Grasim Industries Limited)
21. Hindustan Zinc Limited, Debari Zinc Smelter
22. JSW Cement Limited, Nandyal
23. Tata Projects Limited (Building, Factories & Airport)
24. Tata Projects Limited (Power & Metals)
25. DSM India Private Limited
26. Faridabad Gas Power Station
27. UltraTech Cement Limited (Unit: Aditya Cement Works)

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## Biodiversity

1. Toyota Kirloskar Motor Private Limited
2. Tata Steel Mining Limited
3. Jhajjar Power Limited (Apraava)

# WINNERS OF 2022

## CORPORATE EXCELLENCE

### Outstanding Accomplishment



Hero MotoCorp Ltd.



Genpact India Pvt. Ltd.



Tata Steel Long Products Ltd.



JSW Cement Ltd.



Grasim Industries Ltd.  
Units: Jaya Shree Textiles,  
Vikram Woollens,  
Grasim Premium Fabric



Hindustan Zinc Ltd.  
Chanderiya Lead Zinc Smelter Unit



NTPC Ltd.  
Sipat Super Thermal Power Station



NTPC Ltd.  
Talcher Super Thermal Power Station

### Commendation for Significant Achievement



Birla Corporation Ltd.



NTPC Ltd.  
Tanda Super Thermal Power Station

## CORPORATE SOCIAL RESPONSIBILITY

### Commendation for Significant Achievement



LTIMindtree



Dalmia Bharat Ltd.

AkzoNobel

Akzo Nobel India



Tata Communications



Aprava Energy Pvt Ltd.



UltraTech Cement Ltd.  
Andhra Pradesh Cement Works



Larsen & Toubro Ltd.  
Defence Business Strategic Systems Complex  
Talegaon

## ENVIRONMENT MANAGEMENT

### Excellence in Environment Management



DCM Shriram Ltd.



Cummins India Ltd.



Epsilon Carbon Pvt. Ltd.



Ashok Leyland  
Unit 2  
Hosur



Hindustan Zinc Ltd.  
Zinc Smelter, Debari



Grasim Industries Ltd.  
GCD Vilayat



UltraTech Cement Ltd.  
Aditya Cement Works,  
Chittorgarh Rajasthan



DSM India Pvt. Ltd.  
Engineering Materials,  
Pantnagar, India

## BIODIVERSITY

### Excellence in Biodiversity



Toyota Kirloskar Motor  
Pvt. Ltd.



Tata Steel Mining Ltd.

### Commendation for Significant Achievement



Jhajjar Power Ltd.  
(Aprava Energy)



## **CII-ITC Centre of Excellence for Sustainable Development**

CII-ITC Centre of Excellence for Sustainable Development is a not-for-profit, industry-led institution that helps business become sustainable organisations. It is on a mission to catalyse innovative ideas and solutions, in India, and globally, to enable business, and its stakeholders, in sustainable value creation. It's knowledge, action and recognition activities enable companies to be future ready, improve footprints profiles, and advocate policymakers and legislators to improve standards of sustainable business through domestic and global policy interventions. CESD leverages its role of all-inclusive ecosystem player, partnering industry, government, and civil society. It has been a pioneer of environment management systems, biodiversity mapping, sustainability reporting, integrated reporting, and social & natural capital valuation in India, thus upgrading business in India to sustainable competitiveness. With two locations in India, CESD operates across the country and has also been active in parts of South and South East Asia, Middle East, and Africa. It has held institutional partnerships and memberships of the United Nations Global Compact, Global Reporting Initiative, International Integrated Reporting Council, Carbon Disclosure Project, development agencies of Canada, the USA, the UK, and Germany.







CII-ITC Centre of Excellence for Sustainable Development  
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Lodhi Road, New Delhi 110003

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