Confederation of Indian Industry

CII-ITC Centre of Excellence for Sustainable Development

Enduring Value

16th CII-ITC SUSTAINABILITY AWARDS 2021

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.

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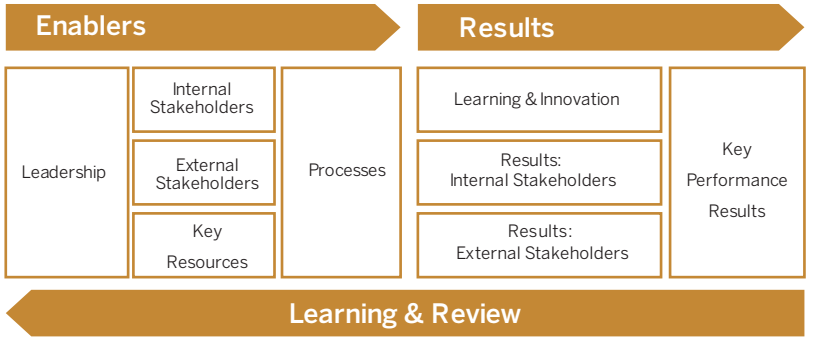
ASSESSMENT **METHODOLOGY**

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 15 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 2021.

For companies that qualify for site visits, feedback reports are provided after the end of the Awards cycle. This will be around December 2021.

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.

GENPACT INDIA PRIVATE 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 has in place, a risk management process identifying the VP (CRO) as responsible and is certified to ISO 30001 standard. The top management reviews the risk management process at least once every six months. The organisation also has identified emerging risks, e.g., cyber-attacks and large-scale data exposure, talent match, extreme weather. Risk management criteria are included in HR review process for employees and an ombuds helpline allows individual employees proactively to identify and report potential risks
- The organisation has a policy on environment management and 100% sites are certified with ISO 14001. Genpact has identified risks/opportunities that are core to the business-climate change, energy, and water and the review of EMS performance is done by a committee at the board level. They recycle 100% of food waste and have installed organic food composting machines. There is a policy in place to eliminate all non-essential single-use plastics across global sites by 2022. They have saved 33,366 KL of water through rainwater harvesting in 2020 at Indian locations
- The organisation has integrated sustainability parameters across their service portfolio and 100% of significant service categories are assessed for improvement in health and safety impacts. There is client/customer data due diligence process in place which defines the objective, collection of essential data of customers, screening the customer data for generating risk profile, applying checks, treatment, and controls based on their risk profile, monitoring in accordance with risk profiles and record-keeping. Even prior to COVID-19, Genpact crafted an ISO 22301-certified business continuity system to help clients protect their work locations and critical infrastructure during periods of uncertainty
- The organisation reports sustainability issues in accordance with GRI G4 Guidelines / GRI Standards and SEBI guidelines on business responsibility reporting and this is externally assured in line with international standards (such as AA1000 and ISAE 3000). Key material aspects identified are - data security and confidentiality, climate change, regulatory compliances, talent management and business growth and profitability
- The organisation commits to OHS through ISO 45001 & ISO 14001 certification, and a Board member holds the ultimate responsibility for health and safety. There is periodic review of Hazard Identification Risk Assessment activity being carried out and Genpact is ISO 31000 certified. The organisation and has constituted an Emergency Response Team, providing training on first aid and fire fighting

HINDUSTAN ZINC
Zinc & Silver of India

HINDUSTAN ZINC LTD.

Hindustan Zinc, a Vedanta Group company, is one of the world's largest and India's only integrated producer of Zinc-Lead and Silver. The company is headquartered in Udaipur in the State of Rajasthan where it has its Zinc-Lead mines and smelting complexes

- The organisation reports sustainability issues in accordance with GRI G4 Guidelines / GRI Standards, SEBI guidelines on business responsibility reporting as well as IIRC's framework. HZL conducts materiality analysis and the 7-step process, involves around 800 internal and external stakeholders. The 5 material issues identified are: occupational health & safety, environment management, community engagement and development, supply chain management, diversity & equal opportunity and local employment. The organisation uses a digital platform for evaluation of performance of the Board

- The organisation has various risk identification, assessment & management strategies and procedures including a digitalized platform in place. Risk management and mitigation are linked to the KPIs of senior management. W.r.t water scarcity-risks, Dry Tailing has been done across sites and rainfall and dam water levels monitoring is done on a real time basis. This involves creating a small dry stack tailings area with minimised environmental and physical footprint and a method to backfill the mine by using an adjusted dry filter cake mix

- The organisation follows OHSAS 18001 and aligned with IFC, International Council on Mining and Metals (ICMM) as well as UNGC. They have established the Arohan platform in partnership with DuPont in place to deliver cultural transformation in safety and a zero-harm workplace. During the year 2020, HZL initiated the programme RuBaRu to establish a safe & productive environment at the sites and bring about clear and measurable improvement in the execution capability of business partners

- The organisation conducts LCA for 100% of its products in accordance with ISO14040:2006 and ISO14044:2006. HZL has taken initial steps towards introducing Battery Electric Vehicles for its underground mining operations to reduce its underground emissions and has a system in place to promote internal pricing on carbon. 100% sites/subsidiaries are certified with ISO 14001. HZL conducts ESIA beyond the requirement of MoEFCC

- HZL has a Stakeholder Engagement Policy that covers all business operations, and the stakeholder engagement plan is in line with Vedanta's Technical Standard TS-05 to carry out stakeholder identification, prioritization, and analysis. They interact with various stakeholder groups such as employees, community, trade union, contractors/suppliers NGO's, customers and government leading to development of Stakeholder Engagement Plans (SEPs) for action

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 publishes an Integrated Report that is externally assured in line with international standards (such as AA1000 and ISAE 3000). There is a well-defined, detailed and comprehensive process for identifying material issues that includes detailed assessment with requisite interactions with internal and external stakeholders. Materiality assessment process is conducted in a timely manner owing to change in business processes, change in external environment, geographical expansion, global trends etc.

- NTPC Sipat has a well-defined governance structure with all key functions managed by senior personnel reporting to the plant head. The roles & responsibilities are defined and delineated clearly ensuring accountability. The executive remuneration framework has performance-based, long term and short-term incentive components. A Board level Committee- Corporate Social Responsibility and Sustainability Committee focuses on sustainability issues and sustainability performance is regularly reviewed and monitored by the top management

- The organisaton has a robust and structured risk management process that covers risk identification, assessment, and response. An Executive Director level Committee, namely; Enterprise Risk Management Committee (ERMC); has been entrusted with the responsibility to identify and review the risks, formulate action plans and strategies to mitigate risks on a short term as well as long term basis. There is an online tool deployed for risk evaluation, analysis, and management

- The organisation deploys a nine-dimensional comprehensive TNA process so that the skills and competencies gaps are analysed and captured in a holistic manner. The process includes the training needs defined by the Performance Management System, supervisor recommendations and self-identification by the employees. The number of learning hours delivered per L&D Staff is 16,812 for FY 2020- 2021 and online feedback that is taken after every programme showed a rating of 9.07 on a scale of 10

- The organisation has a well-structured Environment Policy, a Board level oversight on environmental related issues and all sites are certified with ISO 14001. There is a structured process to manage compliance with environmental laws & regulations and Employees responsible for O&M are suitably trained. The equipment, analysers and monitoring instrumentation are checked regularly and periodic maintenance is carried out to guard against any failure. The emission parameters are monitored and reviewed in daily meetings.

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

- The organisation has a Board approved Health & Safety Policy and is certified with ISO 45001:2018. Advance Action in Industries to Abate Accidents (AAINAA), a tool to develop a pocket of well-maintained workplace has been introduced at this station. For strict compliance & enforcement of safety norms and practices by the contractors, safety clauses are included in General Conditions of Contract/ Erection Conditions of Contract. Various safety indices of TSTPS are described to measure the effectiveness of health and safety management systems and reviewed by HOD (safety) on a regular basis with employees of the safety function
- The organisation has established Corporate Governance structure with defined roles, responsibilities, and authorities and has a committee on CSR and sustainability at the Board level. NTPC's vision, mission, strategies, and policies have been translated into Kaniha unit operations management and governance. Kaniha vision statement is built upon four elements namely Reliable, Efficient, Preferred and Eco-friendly power supplier. These are translated into actionable, measurable & deliverables through the vision road map for actualization. Sustainability performance is regularly reviewed and monitored by top management through the HOD meeting
- The organisation has a Board level Risk Management Committee which regularly reviews risks and their mitigation. TSTPS has implemented an integrated GRC (Governance, Risk management, and Compliance) platform to help real time segregation of duties to drive compliant user access management and internal controls monitoring. GRC provides risk compliance in SAP environment while allowing for an agile and scalable control environment. GRC has enabled NTPC achieve operational efficiencies in terms of automated user provisioning, workflow-based approval process, online role application, approvals, and risks assessment.
- The organisation reports sustainability issues in accordance with GRI G4 Guidelines / GRI Standards, SEBI guidelines on business responsibility reporting, NTPC Business Excellence Model (NBEM) based Position Reporting and IIRC's framework. Materiality mapping is done with the help of an external party and five key material aspects identified are: Occupational Health and Safety, Fly Ash utilization, Water & Effluents Management, Decarbonisation of energy mix and Air Emissions
- The organisation has a well-structured and defined process for the training need assessment which is based on both behavioural and the technical competency requirement of the business. This is also integrated into the PMS of employees. Different types of indicators have been established to measure the execution of employee training & development programmes such as financial indicators (training cost per employee), non-financial indicators (average training hours) as well as value-based indicators (EVA, EDROI) etc

NTPC LTD., TANDA 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

- NTPC Tanda has developed its Vision - "To be the most reliable thermal power station in India, exceeding stakeholders' expectations". Tanda Vision statement broken into "Vision Elements" and sub-elements. Accordingly, two station level Vision elements namely "Most Reliable" and "Exceeding Stakeholders' Expectations" have been identified. Sustainability performance is regularly reviewed and monitored by Business Unit Head in various meetings with concerned departments like Safety, HR, CSR/R&R, EEMG, FM, EMG, Chemistry and Ash Utilization at regular intervals
- The organisation is certified with ISO-45001:2018. Safety issues are discussed at various levels including the Regional Operational Performance Review (ROPR), ORTs, PRTs, etc. Regular plant inspection and review by Head of Project/Station is practiced. Internal safety audits are carried out by safety officers from other locations on yearly basis and by external safety auditors from reputed organisations as per statutory requirements, the recommendations of auditors are regularly reviewed and complied with. Height permits and working at height checklist are implemented to ensure the safety of workers. Adequate number of qualified safety officers are posted at all units as per statutory rules/provisions to look after the safety of men & materials
- The organisation adheres to a detailed Stakeholder Management Guideline which mentions a well-defined 3 layered approach for identification and prioritization of stakeholders and the engagement approach. A detailed engagement process with information about frequency, agenda, touch points, analysis, review, etc. for high priority stakeholders is created. This data of the above process is captured through an IT tool and the whole process and outcome are reviewed every 2 years. The key topics and concerns that have been raised through stakeholder engagement are- inadequate fuel supply, compliance of emission, ash utilization and regulatory norms and difficulties in acquisition of land
- The Board reviews risk management process at least once every six months and the organisation carries out risk assessment through risk maps, sensitivity and stress testing and also deployed online risk evaluation, analysis and management which covers all the Business Units. The top three long-term (3-5 years+) emerging risks that the organisation identifies as having the most significant impact on the business in the future are stringent environmental norms (mitigation through installation of FGD, DSI, Over Fire Air System, Low NOx burner, tree plantation, waste management, rainwater harvesting, Zero Liquid Discharge), fuel transportation- traffic congestion due to station capacity expansion(mitigation done through Infrastructure development like construction of rail over bridge) and water availability in lean season(mitigation through purchase of high capacity dredger for removal of silt deposition near intake well through UPID).

NTPC LTD.; RIHAND SUPER THERMAL POWER STATION

Rihand Super Thermal Power Station is the Largest Thermal Power Station of Uttar Pradesh and is the flagship unit of NTPC Ltd (a MAHARATNA company of Govt. of India) having installed capacity of 3000 MW (thermal power) and 20 MW of Solar Power (under construction). The station is engaged in generating electricity using coal as fuel and delivering it to the Northern Region Power Grid

- The organisation publishes an Integrated Report as per the GRI standards externally assured in line with international standards (such as AA1000 and ISAE 3000). A comprehensive materiality analysis is conducted with the help of an external agency on a timely basis owing to change in business processes, external environment, geographical expansion, global trends etc. The key material issues are - ash utilization, occupational health & safety, water consumption CO2 emissions and emissions to air

- NTPC Rihand is compliant with ISO 45001: 2018 Standards and also follows the Safety Policy approved by the Board. There are functional and behaviour-based training modules on health & safety. They have started a digital (mobile app-based) H&S incidence reporting system and have provided all necessary medical support services to the employees, community, and other stakeholders during the COVID-19 pandemic. The organisation has implemented a Safety Gate Pass system for all contract workmen to ensure that only trained workmen can enter the premises and also established a Job Card system

- The organisation has a Stakeholder Engagement Policy which is publicly available and identification & categorization of stakeholders is done by developing a Power - interest Matrix. Different groups of stakeholders are categorized on the basis of what power they have or how they influence the business and their level of interest in the organisation. Key topics and concerns that have been raised through stakeholder engagement are compliance of emission, ash utilization and regulatory norms, simplification/standardization of procurement/contract awarding procedures and infrastructure development, employment opportunities

- NTPC Rihand has a 3-tier infrastructural set-up for learning & development which includes Power Management Institute, Regional Learning Institute and Employee Development Centers at Corporate, Regional & Site level respectively. An in-house tool has also been developed to assess the competencies of executives working in O&M area. This is useful in finding the gaps between the existing competencies and the desired ones for further chalking out need of specific trainings. The measurement of training effectiveness is a major thrust area, which is assessed in reaction impact modes based on the “Kirkpatrick's model”

INFOSYS LTD.

Infosys is an Indian multinational information technology company that provides business consulting, information technology and outsourcing services. The company was founded in Pune and is headquartered in Bangalore

- Infosys uses scientific risk management tools such as risk map, metric stream GRC as well as internal tools to assess various risks. Risk associated with geopolitical issues, concentration, location as well as non-financial risks are also addressed. Prioritized risks are reviewed periodically at multiple forums including at the Board level. There is an elaborate risk management compliance system in place addressing various levels of operations. Apart from legal, regulatory, and statutory related aspects, compliances, around customer deals and M&As, are also addressed

- The organisation reports sustainability issues in accordance with GRI G4 Guidelines / GRI Standards and SEBI guidelines on business responsibility reporting. Infosys has a systematic procedure of conducting materiality analysis and materiality risk assessment is undertaken, considering the geographical spread of operations and specific risks to each country. Key material aspects identified are – climate change, digital skilling at scale, diversity and inclusion, employee wellness and experience, and data privacy & information management

- The organisation has an environmental management system in place, covering key areas of climate change- energy, water & solid waste management and 100% of sites are certified with ISO 14001. Infosys achieved carbon neutrality in the year 2020, is the first Indian company to join RE100, and has 25 million sq ft of green buildings. Renewables form ~50% of its total energy consumption. 35 rainwater harvesting ponds have been constructed & maintained with a holding capacity of 330 million liters, and 370 injection wells installed at campuses for replenishing groundwater levels. Infosys has reduced per capita freshwater consumption by 64%

- Infosys is a signatory to the UNGC and supports the protection and elevation of human rights in accordance with the Universal Declaration of Human Rights, the UN Guiding Principles on Business and Human Rights and the ILO Declaration. There is a well-established human rights management system consisting of interventions such as ASHI, HEAR through which it addresses issues on Human Rights. This is supported by a strong and well-articulated Code of Conduct and Ethics which is communicated to employees worldwide. A specific Supplier Code of Conduct has been implemented to manage and address HR Violations or abuses among supplier groups

TATA STEEL

TATA STEEL LTD. (MERAMANDALI, SAHIBABAD, KHOPOLI AND HOSUR)

Tata Steel group is among the top global steel companies with an annual crude steel capacity of 34 million tonnes per annum. It is one of the world's most geographically diversified steel producers, with operations and commercial presence across the world

- The organisation has a structured occupational health and safety management system, and the Health & Safety Policy is signed by the MD. The leading and lagging indicators (safety observation / line walk & job cycle check, LTIFR) are measured to monitor performance and periodically reviewed by the top management/board. There is a process of identification of HSE risks and strategies to deal with them, done through HIRA format, HAZOP, Event Tree Analysis, What If / Checklist and FMEA Incident Investigation & Audit /Inspection

- There is an Environment Policy and EMS in place and 100% of sites are certified with ISO 14001. The organisation has a system in place for converting carbon emissions to a monetary value by an internal carbon pricing mechanism. To reduce emissions/energy consumption, Coke Dry Quenching facility was commissioned, a 250 TPH Gas Fired Boiler was installed, Variable Frequency Drive was installed for some motors of the Utility Pump House, Oxygen Plant, and other areas. To reduce water use, among other initiatives, HDPE pond of capacity 50,000 m3 for the management of surface run-off and rainwater harvesting was successfully commissioned; 100 % of Fly ash utilization achieved by cement manufacturing, brick making, road construction & mine void reclamation

- The organisation produces GALUME and Color Coated Sheets that are preferable to asbestos sheets for the roof top sheeting and are also used by automotive industries because of light weight and oxidation free properties. Since it is recyclable, the product greatly helps in conservation of natural resource through circular economy. Process solid waste generated from different units of steel making are 100% reused in sinter making. The use of scrap in the steel making process also leads to less CO2 emission, recycling of waste

- The organisation has a human rights policy in place, has publicly committed to support the Universal Declaration of Human Rights. They have policies in place for child labour, forced labour, equal opportunities, sexual harassment, among others. There is a Whistle Blower Policy applicable to both internal and external stakeholders. The Board has an oversight on the approach to Human Rights. There is a Consequence Management Framework based on the principle of natural justice to ensure fairness and promote dignity of work

NTPC LTD., KUDGI SUPER THERMAL POWER STATION

Kudgi Super Thermal Power Station is one of the new power generating stations of NTPC Maharatna family with an installed and generation capacity of 2400 MW, located near village Kudgi, Taluk Basavana Bagewadi, Dist. Bijapur of Karnataka

- NTPC Kudgi station complies to OHSAS 18001 standards. Hazard Identification and Risk Assessment (HIRA) is ensured for all activities and Job Safety Analysis (JSA) is being ensured with each work permit. Risk was reduced/health and safety performance was improved in the following instances - usage of chlorine was replaced with Sodium Hypochlorite, there was 100% usage of Arc Suits ensured for electrical isolation/ normalization activities, vertigo tests were done for higher elevation activities and 100% usage of fall protection equipment was ensured. There is an "Online real-time incident portal" with a mobile app and sensor integrated system

- There is a detailed Stakeholder Management Guideline which mentions a well-defined 3 layered approach for identification and prioritization of stakeholders and the engagement approach for them. A Board level committee oversees the process, conducts regular reviews and provides necessary guidelines. Head of the department is responsible for devising the engagement strategy in consultation with his teams for concerned stakeholders. Depending on the power and influence of concerned stakeholder its frequency, review, KPIs/ performance measure is designed

- The organisation has a well-defined process for identification and assessment of training & development needs of its employees. Executives are given rotational exposure and assignments in almost all critical fields of power generation in their respective stream. Measurement of training effectiveness is a major thrust area and NTPC PMI (Power Management Institute) measures effectiveness of Learning and Development initiatives by using the Kirkpatrick Model. The top management reviews the process quarterly for any addition or modification in the employee development practices. Employee turnover is less than 1%

- The organisation has a well-established risk management system and the Board reviews risk management process every six months. Risks are captured from Station level, Regional Level and Corporate level through a dedicated IT tool and dedicated Suraksha app. In addition, a fully operational feedback/ suggestion system, monitored at the CMD level enables employees up to the last mile to reach out to report potential risks and suggest risk mitigation measures. Climate change has been identified as a major strategic risk and mitigation is done by adoption and implementation of high COC in CW system, Zero Liquid Discharge to reduce water footprint, increasing the portfolio of renewables in generation, installing FGD for SOX control as well as drafting a policy on biodiversity to reduce the ecological footprint

TATA AUTOCOMP GY BATTERIES PVT. LTD.

Tata AutoComp GY Batteries Pvt. Ltd. (TGY) is a joint venture between Tata AutoComp Systems - one of the largest tier 1 automotive components manufacturer and GS Yuasa Corporation, Japan

- The organisation commits to OHS through British Safety Council, ISO 45001 and the Hazard and Risk Identification (HIRA) is in place. Regular safety walks are carried out by all the supervisors and regular near miss reporting is done. 100% of permanent as well as contractual employees have attended the health and safety training programmes. There have been zero accidents in the past three years and no fatalities in the reporting period

- The organisation has a Code of Conduct (CoC)/Ethics Policy that covers insider trading, anti -trust, data privacy, bribery and corruption, conflict of Interest, among others. The organisation communicates its code of conduct/ethics policy to all relevant stakeholders and 100% of the employees are trained on the CoC on a regular basis. The code and ethics as well as compliance programme are reviewed by the senior management once a year

- The organisation has a process for identification and assessment of training & development and has an individual skill matrix for all the employees. On the job training includes BSC Internal Auditor (Refresher), communication, New Wage Code 2019, IAT for ISO 14001:2015 and ISO 45001:2018 and leadership development training includes OD Intervention and Business Excellence Model. The organisation evaluates the training effectiveness after 3 to 6 months - there has been an increase of 10% w.r.t vacant positions filled internally and there is a 5% reduction in employee turnover

- The organisation has a policy on environment management and an EMS in place. 100% of its sites are certified with ISO 14001. The organisation is committed to green sourcing and 80% of raw materials are sourced sustainably. Recycled/reused water as a percentage total water consumption is 100%. To reduce emissions/energy consumption the organisation installed advanced pollution control system on all stacks, improved suction quality; to reduce water, there are feruls & flow reducer to taps; to increase resource efficiency, there is engineering control, replacement of all old tubes and bulbs with LED lamps and use of high efficiency pumps; reduction in waste is done by using the Filter Press

AWARD CATEGORIES

Domain Excellence

Environment Management

The Award recognises companies that have employed innovative approaches, including policy and practice, to reduce their environmental impact and achieved exemplary results.

Corporate Social Responsibility

The Award recognises companies that have positively impacted both business and society by taking a strategic approach to CSR through collaborative programmes with government and civil society into their sourcing, procurement and distribution channels.

Biodiversity

The Award recognises companies for implementing measures for conservation and sustainable management of biodiversity and ecosystem services in the value chain.

APRAAVA ENERGY

JHAJJAR POWER LTD. (APRAAVA ENERGY)

Jhajjar Power Limited (JPL) is a 1,320 MW (2 x 660) domestic coal-based power project which is the first supercritical coal-fired plant in NCR region and a wholly owned subsidiary of Apraava Energy Private Limited

- Since 2014, the ISO 14001 Environmental Management System (EMS) has been in place, enabling the continual improvement of environmental sustainability. JPL's specific CO2 emission stands at 0.84 kg CO2/kWh, which is among the lowest in the sector. This is lower than the national average for coal-based thermal power plants, which is 1.04 kg CO2/kWh according to the Central Electricity Authority's annual CO2 Baseline Database Report

- The organisation is an early adopter of Flue Gas Desulfurization (FGD) in India – one of the critical technologies used to control air pollution. It is the first and only plant in the National Capital Region to have installed FGD technology with the objective of reducing air pollution and contributing to a healthy environment around the plant and its nearby regions. With FGD in full load operation, JPL has reduced its SO2 emission by 85%

- The organisation has employed hybrid technology (electrostatic precipitator and fabric filter) that enables PM emission control; low NOx burners; and Secondary Over Fire Air (SOFA) systems for NOx reduction. This makes it one of the leading producers of clean power in India

- JPL is a 'Zero Liquid Discharge' plant and the wastewater it generates is treated and reused within the plant premises for dust suppression, horticulture, cleaning and other suitable purposes. The organisation is consistently achieving specific water consumption below 2.3 m3/MWh which is one of the best in the industry

- The plant has deployed a Cold Fog Dust Suppression system (CFDS) at various discharge points of coal conveyors to control fugitive dust generation. JPL has a water spraying arrangement in wagon tippler to avoid dust and a pipeline has been erected all around the coal yard in a ring head manner with sprinklers for dust suppression

Birla Cellulose

Fibres from nature

GRASIM INDUSTRIES LTD., BIRLA CELLULOSE

Birla Cellulosic a unit of Grasim Industries Limited and the flagship company of the Aditya Birla Group was set up in 1997 to produce Viscose Staple Fibres (VSF), having current capacity of 475 TPD to cater domestic & export market.

- The 5 main pillars of Grasim's sustainability approach are responsible sourcing, responsible manufacturing, sustainable products, valuable partnerships and social responsibility. Products at Birla Cellulose are made from wood cellulose through a process that converts wood to cellulosic staple fibre. The organisation sources 100% wood from sustainably managed forests certified by Forest Stewardship Council (FSC), Programme for the Endorsement of Forest Certification (PEFC) & Sustainable Forestry Initiative (SFI). The fiber production site operates according to a certified quality management, environmental management, and occupational health and safety system (ISO 9001, ISO 14001, OHSAS 18001)

- The organisation produces Viscose Staple Fibre (VSF) which is the best replacement for natural and synthetic fibres. It helps in reducing the impact on environment due to lower water footprint and no fertilizer use during forestry

- The organisation has conducted LCA for 100% of products and services in line with ISO 14040:2006 and ISO 14044:2006. Birla Cellulose has applied the 4R Principles (reduce, reuse, recycle and regenerate) in its operations and technologies have been developed and deployed in core viscose processes such as fibre washing, chemicals recovery and cooling towers

- To reduce emissions/energy consumption, the organisation has deployed better carbon disulphide (CS2) recovery system by implementation of EU Best Available Techniques which will help in reducing the process emissions to meet European Standards. It is also going beyond regulatory compliance for reducing GHG emissions by replacing coal with agri-waste

- Birla Cellulose has reduced consumption of caustic soda by nearly 6% in last 5 years, sulphuric acid by 8% and zinc by 9% in last 5 years. This approach has led to controlling pollution at source

HINDUSTAN ZINC

Zinc & Silver of India

HINDUSTAN ZINC LTD., DARIBA SMELTER COMPLEX

Dariba Smelter complex is part of Hindustan Zinc Limited (HZL), which is the largest integrated producer of Zinc and Lead in India. Dariba Smelter is located in Rajsamand district of Rajasthan and due to its proactive approach towards sustainable use of resources, has been awarded as the 6.41-time water positive plant

- The organisation has developed, established, implemented, and sustained Integrated Management System (IMS) as per Quality Management System, (ISO 9001:2015), Environment Management System (ISO 14001:2015), Occupational Health and Safety Management (ISO 45001:2018), Energy Management System (ISO 50001:2018), and adheres to the Vedanta Sustainability Framework (VSF)
- The organisation conducts LCA for 100% of its products in accordance with ISO14040:2006 and ISO14044:2006
- HZL has complied with mandatory renewable power generation through its 14.2 MW waster heat-based power generation and a solar plant of 4.0 MW capacity is also installed at the Dariba Smelter Complex
- To reduce water shortage, the organisation has set up the first PPP urban sewage treatment plant (STP) of 20 million litres per day (MLD) capacity in Udaipur. The STP is the first sustainable development project of its kind in Rajasthan, constructed as per the agreement between the Rajasthan government and UIMCC. The plant operates with the treated STP water, reducing freshwater consumption by 85%
- The organisation has a separate policy on water management that commits to zero discharge operation at all sites. HZL follows the following four pillars of water management at sites i) Source reduction, ii) Water utilization efficiency iii) Zero Discharge Operation & water accounting, and iv) Storm water management. The organisation has implemented several projects to reduce water consumption by installing Adiabatic Cooling Tower, air coolers, deep cone thickeners, integrated Effluent Treatment Plant (ETP), multiple-effect evaporator, and a new sea membrane 3rd stage RO Plant
- HZL is committed to increasing resource efficiency and reducing hazardous and non-hazardous waste for its zinc plant. Dariba Smelter Complex has integrated zinc fuming technology with the existing leaching process, eliminating the land requirement and converting hazardous waste into commercially usable slag. The organisation has also deployed Freeze Precipitation Technology (FTP) for sodium salt recovery from the Multiple Effect Evaporator plant

JSW Cement

The Leaders' Choice

JSW CEMENT LTD.

JSW Cement is part of the diversified US$ 13 billion JSW Group. JSW Cement is India's leading Green Cement company with current capacity of 14 MTPA across its manufacturing units at Vijayanagar in Karnataka, Nandyal in Andhra Pradesh, Salboni in West Bengal, Jajpur in Odisha and Dolvi in Maharashtra

- The organisation is proactively working towards environment sustainability through systematic environment management policies and procedures. In 2021, the net scope 1 CO2 emissions for JSW Cement stand at 278 kg CO2/tonne of cement, which is the lowest in cement industry

- JSW Cement has, through in-house R&D, developed an additive in cement grinding and reduced the consumption of clinker in cement manufacturing. By this process innovation, the organisation has saved 45980 tonnes of clinker, 64970 tonnes of equivalent limestone, 4857 tonnes of equivalent coal and 24140 tonnes of CO2 emissions

- The organisation has utilised a significant number of by-products of other industries / processes in cement manufacturing to reduce the dependency on natural resources such as limestone. They are also using the waste generated in other industries in co processing, to reduce dependency on natural resources such as coal

- During FY21, the organisation implemented various energy efficiency and optimization measures like installation of Medium Voltage Variable Frequency Drives (MVVFD), LED lighting, optimization of compressed air, false air arresting, VFDs, modifications, open access scheduling, power factor improvement, reduction in pressure drop, loop optimization etc. By these initiatives, JSW Cement has saved 14536177 kWh, and 13228 tonnes of CO2 emissions

- The organisation has recently committed to RE100, EP100 & EV100 business initiatives of Climate Group. They are one of the first heavy industries, globally, to commit to 3 business campaigns in one go. Through the RE100 campaign, JSW Cement aims to source 100% renewable electricity across all their operations globally by 2050. The organisation aims to deploy electric vehicles for transportation by 2030 with the EV100 initiative and double their renewable energy productivity by 2037-38 through the EP100 campaign

JSW STEEL LTD., DOLVI

Dolvi Works is a 3.3 MTPA integrated steel plant located on the west coast of India. The plant has a jetty with a capacity of 10 million tonnes per annum

- The organisation has prioritised its commitment to develop sustainable processes by addressing the environmental aspects and conducts LCA for 100% of its products. With this, JSW Steel has optimized the use of limited natural resources by incorporating ferroalloys in their steel. The organisation has further committed to energy saving during primary steel-making process; the arcing, that consumes electrical energy-time during the primary steel making, has been optimized by using optimal mixing of Direct Reduced Iron (DRI) in steel bath

- JSW Steel has instituted a robust system of monitoring and reporting environmental quality to assess the environmental impacts of steel making. The organisation assures quality through internal satisfaction monitoring by inter department Service Level Agreement (SLA) rating and quality checks along with process control at each step. Product certification is done as per BIS along with applicable international standards. The performance monitoring of processes and systems has been conducted as per Integrated Management System ISO 9001 (QMS), ISO 14001 (EMS), ISO 18001 (OHSAS), ISO 50001 (energy management) and IATF 16949 (automotive supplies)

- Water is integrated into a comprehensive, company-wide risk assessment process for steel manufacturing. Considering that the region only has sufficient capacity for water resources till 2027, Dolvi Works is implementing the best available technologies like Coke Dry Quenching, BF-Dry GCP and SMS Dry GCP to reduce the water footprint. Currently JSW has one main reservoir with storage capacity of 1.6 days, to increase the water storage capacity

- The organisation has planned the following measures to manage the energy availability risk a) JSW currently has a gas based captive power plant of capacity 55 MW b) additional 175 MW gas based captive power plant is commissioned to reduce power dependency, and this power plant generates electricity from blast furnace gas and coke oven gas, which are byproducts of the integrated steel plant c) natural gas has been replaced with coke oven in sponge iron plants, which has replaced 27 % of natural gas by volume to coke oven gas with a target up to 50%

ONGC Tripura Power Company Limited

ONGC TRIPURA POWER COMPANY LTD.

ONGC Tripura Power Company Limited (OTPC) is a Special Purpose Vehicle (SPV) promoted by Oil & Natural Gas Corporation (ONGC), Infrastructure Leasing & Financial Services (ILFS), IIF-II and Government of Tripura. It is a natural gas-based combined cycle power plant with an installed capacity of 726.6 MW (2 X 363.3 MW). The plant is located near the village Palatana of Gomati district, South Tripura

- ONGC Tripura Power Company has set up a 726.6 MW gas-based combined cycle power plant which produces clean power. OTPC is also registered as a Clean Development Mechanism (CDM) project and 1.7 million Carbon Emission Reduction (CER) certificates have been issued by UNFCCC

- The organisation has adopted several environmental initiatives at the design stage by selecting low NOx burners, called DLN2.0+. OTPC has an online combustion monitoring facility monitored remotely by the original equipment manufacturer (OEM) M/S GE, which constantly monitors and analyzes the combustion phenomena inside gas turbine. In case of inefficient or abnormal combustion, necessary corrective actions like tuning of gas control valves are taken

- For better tracking of water consumption in addition to the existing metering system, OTPC has installed four additional flow meters in different circuits. The power plant has also procured a portable ultrasonic flow meter for checking the accuracy of the installed meters and to measure flow in different circuits. The organisation tracks and discusses any deviation of water consumption on a daily basis

- The management has provided necessary resources to reduce vehicle-related pollution. The site has 26 bicycles which are being used by employees for movement inside the site. OTPC also promotes vendors to use bicycles for movement inside the site. OTPC also uses pooling system of vehicles for commuting of employees

- The organisation uses an internal pricing on carbon. It follows an implicit carbon pricing method, where the marginal abatement cost of the measures and initiatives are being implemented to reduce GHG emissions

- Training and awareness drives have been conducted extensively at the site for sensitisation on the use of resources and reduction in waste generation. Many places have modified sealing mechanisms such as auxiliary cooling water pumps

HYDERABAD INTEGRATED MUNICIPAL SOLID WASTE LTD.

HIMSW Ltd is a subsidiary of Hyderabad-based Ramky Enviro Engineers Ltd. Ramky Enviro is South Asia's foremost waste management company providing services in the realm of scientific management of Municipal, Industrial and Biomedical, apart from E-Waste and wastewater treatment

- The organisation has a policy on environment management in place describing the approach on aspects like energy use, water consumption, resource efficiency, etc. HIMSW has been certified to ISO 14001, enabling a systematic approach for implementation and enhancement of environment management. It also has initiated risk management-related activities and the EMS is being integrated into the company's overall risk management practices
- The waste to energy plant has Landfill Gas (LFG) flaring units in place to reduce greenhouse gas emissions and optimise energy consumption. To reduce water use and increase resource efficiency, the plant has an in-house recycling unit and a unit to manufacture city compost packaging material, garbage and biomedical waste collection bags from recycled plastic. The organisation has taken positive steps in reducing Scope 2 emissions, by installing a 0.5 MW rooftop solar plant, thereby contributing to reducing the carbon footprint
- The organisation has installed waste to the energy power plant of 19.8 MW (has a plan to go for 100MW), installed a Compact Biogas Plant for reusing the landfill for automobiles, the first of its kind in the country, that has been generating about 150 MT of compost-fertilizer. Data related to key resources like energy, water, and Scope 1, Scope 2 emissions are monitored. The company with a view to enhancing environmental management has set improvement targets for energy conservation, renewable energy component, water conservation, and recycling too
- HIMSW Ltd. currently processes about 7500 tons of garbage a day, brought from every part of the city. The organisation aims to conduct the collection and transport as well as the processing and disposal of the city's municipal waste, serving the city from the collection of the municipal waste from house to house, all the way to its secure processing facility in Jawaharnagar
- The organisation quantifies and takes mitigation measures for their direct and indirect impacts such as leachate collection in safe ponds, leachate treatment, ensuring no contact between drain water and leachate. HIMSW Ltd. Also undertakes misting across the facility for odor control

DELHI MUNICIPAL SOLID WASTE SOLUTIONS LTD.

DMWSL is the 100% subsidiary of Ramky Enviro Engineers Ltd., Asia's largest environment and sustainability-focused company. It has established environment policy & systems and also obtained certification to ISO 14001 standards

- The organisation has started monitoring some of the environment performance indicators like water consumption, waste generation etc. Given that the organisation is into waste to energy domain, climate change is also incorporated as one of the environment policy elements

- The plant has been instrumental in minimizing landfill footprint and produces about 150 tonnes/day of city compost, which is a soil enricher. Delhi MSW has deployed multiple processes such as composting, refuse-derived fuel and waste-to-energy (thermal processing). It is equipped with reciprocating grate technology, coupled with a semi-dry type flue gas treatment system, ensuring controlled particulate emissions

- To reduce emissions/energy consumption, Delhi MSW has deployed retrofitting of flue gas cleaning system, injected high-quality sorbents, and implemented good combustion practices. All energy-consuming units are equipped with Variable Frequency Drives (VFD)

- The organisation is implementing initiatives to reduce energy consumption/ emissions and increase resource efficiency. To reduce clay or soil in the landfill, Delhi MSW is utilising the bottom ash which is one of the outputs of the waste to energy plant, thus, conserving soil. Straw waste which is otherwise non-biodegradable is collected from APMC Mandi and used as biomass fuel in the waste to energy plant

- The organisation has implemented a system for compliance tracking system called Legatrix to track the environmental laws and regulations permit in the organisation

NTPC LTD.

NTPC Limited, formerly known as National Thermal Power Corporation Limited, is an energy conglomorate established in 1975. It is engaged in the generation of electricity and allied activities

- The organisation has a CSR policy that specifies the focus areas of Education, Health, Sanitation, and Drinking Water. NTPC has a well-defined problem identification system in place where interaction/meetings with village development committee, local influential leaders, local community, and other relevant stakeholders are part of the process of deciding the focus areas

- The organisation ensures sustainability of key projects by handing over assets to Village Panchayats or Self-Help Groups that are operated on a self-sustaining basis. NTPC incorporates long-term (3 or more years) maintenance contracts for assets like solar street lights, RO water plants etc. For sanitation related infra like public/individual toilets, NTPC undertakes numerous activities to create awareness about the importance of sanitation like walkathons, cleanliness drives, Nukkad nataks (street plays) etc. NTPC provides kits/ sewing machines/ licenses/ certificates to the beneficiaries of vocational training enabling them to become self-employed or employed elsewhere

- The project on enhancing rural incomes by improving agricultural yield where farmers adopted drip irrigation in water scarce areas, are able to do united sourcing of seed, fertilizers etc. and marketing of produce resulted in the income rising by 50%-300% and rural incomes rising without the need for migration of people to nearby towns and villages in search of jobs. Successful production of mushroom cultivation has led to income generation for the women, entrepreneurship and financial independence

- Initiatives that are a part of healthcare / Swachh Bharat Mission involved revival and operation of Municipal Solid Waste Management Plant, Karsada, Varanasi, processing about 600 MT solid waste resulting in the recovery of 60 MT of organic manure (compost) and about 24 MT of Refuse Derived Fuel (RDF) every day. The organisation is making primary healthcare accessible to underserved sections of society and people and promotes menstrual health of women and adolescent girls by providing sanitary napkins and separate girl's toilets that have led to reduction in dropout of adolescent girls

- The initiative on enhancing rural incomes by improving milk yield involves setting up Integrated Livestock Development Centres (ILDCs), local youth named "Gopal" are trained to render the necessary services, provided with motorcycles for quick response as well as providing on-farm artificial insemination and basic veterinary services, as well as training farmers on fast growing nutrient rich fodder like "African Maize" and "Azola" ensuring proper nutrition to the milch animals. All this has led to improved milk yield from about 7kg per day to 20 kg per day, only with improvement in fodder. Beneficiaries are now able to provide quality fodder to their milch animals

AkzoNobel

AKZONOBEL INDIA

AkzoNobel India has been present in India for over 60 years and is a significant player in the paints industry. In 2008, the company became a member of the AkzoNobel Group

- The organisation has a very clear CSR Policy which highlights skill development and road safety as the focus areas. The Board conducts quarterly review meetings with CSR Committee to oversee the progress of CSR projects. In addition to internal audits, external auditors are engaged to analyze and verify CSR projects and their performance
- The organisation works as a knowledge partner with other corporates like Ambuja Cement Foundation, GMR Foundation, ICICI Skill Academy and conducts the skill training in the training centers of the corporate partner. W.r.t the road safety awareness project, capacities of the school staff are also built apart from students so that the learnings are passed on to future students through teachers and staff. To ensure sustainability of the project, there was a collaboration with the traffic education cell of Mohali and Navi Mumbai traffic police to strengthen the education cell and cover more population
- The organisation conducts skill training in painting to promote employability amongst youth. 7 AkzoNobel Paint Academy centers have been set up in 7 cities of India- Delhi, Kolkata, Mumbai, Lucknow, Gorakhpur, Pune and Navi Mumbai. These centers offer skill training in decorative paints and vehicle refinish. In the last three years, over 5000 youth (boys, girls as well as prison inmates) and painters have been trained in the Academy and employed with leading automobile companies and paint contractors. The short-term skill training in vehicle refinish is one of the first of its kind in the country which is helping hundreds of youths get skilled employment in the automobile sector
- Mission Salamati aims to ensure that each citizen of the country remains safe on roads. The organisation joined hands with NGOs HASS and YUVA along with the traffic police department of Mohali and Navi Mumbai to conduct comprehensive road safety awareness programmes amongst 15,000 school children in 84 government and private schools. In the past two years, the organisation has worked with 15,000 children of 90 schools, 1,000 bus drivers and 5,000 community members of Chandigarh and Navi Mumbai to impart road safety education to school children. The project in the last four months organised more than 30 road safety awareness programmes for commercial vehicle drivers (bus/truck/auto drivers)
- The organisation provided more than 5,000 children with supplementary/remedial/non formal education. More than 400 new/out of school children enrolled and there was an improvement of grades for girl children in Bengaluru by 4% (83% to 87%) and 3 girl children for the first time completed class 12 in Tilori village (near Gwalior)

TATA STEEL MINING
#MiningForABetterTomorrow

TATA STEEL MINING LTD.

TSML is a 100% subsidiary of Tata Steel Limited and is head quartered in Bhubaneswar, Odisha. The Company is working to develop commercial mining opportunities in addition to Ferro Alloys business

- The organisation has aligned its actions with the UN Sustainable Development Goals to integrate biodiversity into its business ecosystem and enable a "Greener tomorrow". TSML has developed a "Biodiversity action framework" based on its extensive experience in restoring and rejuvenating biodiversity across its operations. This will serve as a practical guidance tool for all stakeholders in the mining and ferro-alloy manufacturing industries for the progressive restoration and enhancement of biodiversity within the area of operation and beyond

- The organisation collaborated with IUCN for the progressive restoration and enhancement of biodiversity within Sukinda Chromite Mine and to the extent possible, adjacent impacted areas. TSML has also developed a nursery in its 0.24-hectare land and collected & prepared local varieties of samplings from local seeds. The sites are now in possession of a comprehensive list of 22 plant species with IUCN's assistance

- TSML is committed to reclaiming and restoring abandoned mines and overburden dumps through afforestation and landscaping, developing green belt in ferro-alloy plants, and conserving natural resources and ecology through its Sustainability and Biodiversity Policy. In the last two decades, TSML has planted roughly 13.6 lakh saplings of 22 native species over 163 hectares of land in its Sukinda Chromite Mine and overburden dump using a scientific plantation technique known as "Miyawaki Plantation" and in accordance with IUCN biodiversity management plan to conserve and increase biodiversity TMSL intends to achieve 33% plantation across all mines and plant locations by 2030 using the eco-restoration methodology and Miyawaki plantation techniques

- The organisation has developed Hibiscus Park in its location as the plant has many medicinal values. TSML has also undertaken green initiatives such as construction of rainwater harvesting structures for conservation of rainwater and eradication of Invasive, Exotic & Weed Plant (IEWP) species for generating positive outcomes on the ground and combating biodiversity loss

- The organisation is adopting a standardized system, the IUCN biodiversity indicator and reporting system (BIRS) for monitoring biodiversity at their extractive operations, so as to encourage regular reporting on biodiversity attributes at the company level. BIRS measures relative progress or degradation. It is a kind of balance sheet showing the composite value of the land for supporting biodiversity. BIRS is a simple system for assessing the overall biodiversity suitability of a defined site having different habitat types, expressed as 'site condition class' on a scale of 1-10. It takes into account the area of every habitat type on a site, the ecological conditions of these habitats (including enhancements and threats), and the uniqueness and ecological importance of each habitat in the regional context

LIST OF APPLICANTS

Corporate Excellence

1. D'Décor Home Fabrics Pvt. Ltd.
2. Genpact
3. Hindustan Zinc Ltd.
4. Indian Oil Corporation Ltd.
5. Infosys Ltd.
6. NTPC Ltd., Aravali Power Company Pvt. Ltd.
7. NTPC Ltd., Kudgi Super Thermal Power Station
8. NTPC Ltd.; Sipat Super Thermal Power Station
9. NTPC Ltd., Talcher Super Thermal Power Station
10. NTPC Ltd., Tanda Thermal Power Station
11. NTPC Ltd.; Rihand Super Thermal Power Station
12. Powergrid Corporation of India Ltd.
13. Tata Steel Ltd. (Meramandali, Sahibabad, Khopoli and Hosur)
14. Tata AutoComp GY Batteries Pvt. Ltd.
15. Vedanta Ltd.; Jharsuguda

Corporate Social Responsibility

1. AkzoNobel India
2. Ayurvet Ltd.
3. Bharat Aluminium Company Ltd.
4. Hindustan Zinc Ltd.
5. Indian Oil Corporation Ltd.
6. Minda Corporation Ltd.
7. Nayara Energy Ltd.
8. NTPC Ltd.
9. Powergrid Corporation of India Ltd.
10. Sterlite Technologies Ltd.
11. Synchrony International Services Pvt. Ltd.
12. Tata Steel Mining Ltd.

Environment Management

1. Jhajjar Power Ltd. (Apraava Energy)
2. D'Décor Home Fabrics Pvt. Ltd.
3. Divi's Laboratories Ltd.
4. Exide Industries Ltd., Haldia
5. Grasim Industries Ltd., Birla Celluloise
6. Hindustan Zinc Ltd., Chanderiya Lead Zinc Smelter
7. Hindustan Zinc Ltd., Dariba Smelter Complex
8. Infosys Ltd.
9. JK Tyre & Industries Ltd., Kankroli Tyre Plant
10. JSW Cement Ltd.
11. Kimberly-Clark India Pvt. Ltd.

12. JSW Steel Ltd., Dolvi
13. ONGC Tripura Power Company Ltd.
14. Reliance Industries Ltd., Dahej Manufacturing Division
15. Tinna Rubber & Infrastructure Ltd.
16. Hyderabad Integrated Municipal Solid Waste Ltd.
17. Delhi Municipal Solid Waste Solutions Ltd.
18. Ramky Reclamation & Recycling Ltd.
19. US Technology International Pvt. Ltd.
20. Ultratech Cements Ltd., Aditya Cement Works
21. Larsen & Toubro Limited (L & T Heavy Civil Infrastructure IC, L & T Construction)

Biodiversity

1. Hindustan Zinc Ltd.; Chanderiya Lead Zinc Smelter
2. Tata Steel Mining Ltd.
3. Larsen & Toubro Limited (L & T Heavy Civil Infrastructure IC, L & T Construction)

Corporate Excellence

Outstanding Accomplishment

- Genpact India Pvt Ltd.
- Hindustan Zinc Ltd.
- NTPC Ltd.; Sipat Super Thermal Power Station
- NTPC Ltd.; Talcher Super Thermal Power Station
- NTPC Ltd. Tanda Thermal Power Station
- NTPC Ltd.; Rihand Super Thermal Power Station

Commendation for Significant Achievement

- Infosys Ltd.
- Tata Steel Ltd. (Meramandali, Sahibabad, Khopoli and Hosur)
- NTPC Ltd. Kudgi Super Thermal Power Station
- Tata AutoComp GY Batteries Pvt. Ltd.

Domain Excellence

Environment Management

Excellence in Environment Management

- Jhajjar Power Ltd. (Apraava Energy)
- Grasim Industries Ltd. Birla Cellulose
- Hindustan Zinc Ltd. Dariba Smelter Complex
- JSW Cement Ltd.

Commendation for Significant Achievement

- JSW Steel Ltd; Dolvi
- ONGC Tripura Power Company Ltd.
- Hyderabad Integrated Municipal Solid Waste Ltd.
- Delhi Municipal Solid Waste Solutions Ltd.

Corporate Social Responsibility

Excellence in Corporate Social Responsibility

- NTPC Ltd.

Commendation for Significant Achievement

- AkzoNobel India

Biodiversity

Commendation for Significant Achievement

TATA STEEL MINING
#MiningForABetterTomorrow

Tata Steel Mining Ltd.

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.

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