



CII-ITC Centre of Excellence
for Sustainable Development




Confederation of Indian Indust



CAP2.0
CLIMATE ACTION PROGRAMME

WINNERS BOOKLET 2023

ABOUT AWARDS



The Award reflects the need for unity in this world. To sustain the environment, a broad-based alliance between industry and society is required globally. The CAP 2.0° Award is the first one in India to recognise Climate Action. The Award has been developed keeping in mind, maturity level of different industries to tackle climate change risks and opportunities.

In the last four years, more than **90+ companies** from different sectors including MSMEs have applied, and **40 companies** have been recognised.

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ASSESSMENT METHODOLOGY

The Awards adhere to transparent and rigorous assessment process and follows a three-dimensional methodology. All the three elements have equal weightage to the assessment criteria.

EUROPEAN FOUNDATION FOR QUALITY MANAGEMENT (EFQM) MODEL

Based on Enablers and Results looked overall from Learning and Review process

ACTIVITY MODEL

Based on the climate change Mitigation and Adaptation efforts of the company

CLIMATE MATURITY MODEL

Based on Commitment, Orientation and Pioneering efforts of the applicant to assess the preparedness for businesses proofing against climate change

The detailed questionnaire consists of about 100 questions, spanning specific sections including Governance & Leadership, Strategy, Targets, Risks & Opportunities and Disclosures.

AWARDS CATEGORIES

CAP 2.0° RESILIENT

Strategy and plan aligned to mitigate climate risk, Climate change planning is futuristic, adaptation projects aligned to build resilience, mitigation projects are planned and executed, futuristic targets to reduce science-based emissions.

CAP 2.0° ORIENTED

Organisation strategy is aligned, climate risk is part of companies ERM, competent person handling the portfolio, GHG targets are futuristic.

CAP 2.0° COMMITTED

Identifies primary risk, GHG management, target decided, participatory culture.

The programme also allows companies to create a road map and build capacity of employees through easy-to-understand methods, dedicated handholding on climate action and build maturity year-on-year.

RECOGNITION: COMMITTED



TATA POWER

TATA POWER COMPANY LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L t(L to R) Cleaning of solar modules using robotic hand, GIS Mapping Survey for forest improvement and carbon sequestration, Bottom Ash Tetra Pods.

- As part of the resource conservation strategy, the organisation has installed a robotic cleaning module at one of the solar facilities, with a total capacity of 4,560 MW, saving 36,500 KI of freshwater. To maximise the operational performance based on operational adaptability, the organisation has rolled it out in seven other sites.
- In collaboration with the Ella Foundation, the organization has monitored biodiversity and mapped carbon-sequestration potential to boost green cover in the hydro catchment area near the plants. Further, surveys have identified that 94% of trees in the area are indigenous, with 395 large trees and 2,260 tall trees across nine Tata Power locations.
- The organization utilized 'Bottom Ash Tetra Pods' to promote sustainable development by reusing waste material and reducing carbon footprint. This saves the exploration of scarce natural resources such as sand (millions of tonnes) and prevents erosion and flooding.

RECOGNITION: COMMITTED



JSW CEMENT LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) JSW cement Biomass Coprocessing, Solar Plant and Concrete Storage Area

- With 90% of the products primarily using blast-furnace slag, the organisation achieves the lowest average clinker factor which in turn leads to the lowest CO₂ emission intensity not just in India but globally as well. The organisation has achieved a 2% reduction in the clinker factor, in FY23, in turn avoiding 90,000T of absolute CO₂ emissions.
- The organisation has enhanced the use of Alternative Fuels and Raw Materials (AFR) in the production processes, resulting in replacing 8% of fuel requirement with alternative fuels. This has led to a reduction of 31000 T of net CO₂ emissions. Currently, the organisation uses alternative raw materials such as Al-killed slag, red mud etc. at the rate - 3% and initiated AFR utilisation at the recently upgraded clinkering unit of Shiva cement. With the current rate of TSR of 10%, the plan is to reach an average TSR of 20% and 30% by FY26 and FY30 respectively.
- In FY23, the organisation utilised 16 million units of solar electricity, accounting for 4% of its clean energy portfolio. Currently, 26.5 MW of solar power capacity is installed in the Vijayanagar and Salboni facilities. In all, the organisation has installed around 48 MW of non-fossil energy capacity.
- The organisation is collaborating with various academic institutes such as IIT Roorkee to use biodegradable cement bags and various slags in cement manufacturing. Additionally, they are engaging with few a start-ups such as Coomtech and Fortera on innovative technologies and working on sustainable and low-carbon products such as limestone calcined clay cement, super sulphated cement, and geopolymers cement.

RECOGNITION: COMMITTED



INDIANOIL CORPORATION LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) 2 G Ethanol Plant Panipat, 3 G Ethanol Plant, CBG Plant Hingonia and Rooftop Solar Plant

- The organisation is pioneering 100 KLPD 2G Ethanol plant at Panipat Refiner, deploying indigenous technology to utilize two lakh tonnes of paddy straw to generate 3 Crore liters of Ethanol. The plant will contribute to a reduction of approximately three lakh tonnes of GHG emissions, an environmental equivalent of removing over 63,000 cars from the roads, annually.
- The organisation has made an impression by developing a 128 KL per day 3G ethanol facility in Panipat. With an annual production capacity of 4.2 crore liters of ethanol, the facility can contribute to preventing about 1.8 lakh tonnes of GHG emissions per year.
- The current renewable energy capacity of the organisation stands at 241.18 MW, the largest in the oil and gas industry in India, yielding 287.92 GWh of energy in 2023-24. The total carbon emission mitigated is 234.65 TMTCO₂eq. The organisation has set ambitious targets of establishing a portfolio of 31 GW of Renewable Energy by 2050.
- In collaboration with NTPC Green Energy Ltd., Indian Oil intends to increase its renewable energy capacity by a further 2GW. They are also collaborating with SJVN Ltd. to expand the renewables bouquet with solar, wind, hydro and hybrid power. The proposed JV will also develop Energy Storage Systems for the supply of 24X7 power species which have helped in sequestering approx. 4,700 tons of CO₂ emission (cumulatively).

RECOGNITION: COMMITTED



ADANI TOTAL GAS LTD.

SECTOR: SERVICE



(L to R) Adani Total Gas Fleet Decarbonization, Methane Leak Detection, Solarisation Plant

- The organisation focuses on improving operational efficiency and address potential methane losses in piped gas distribution networks. Implementing a proactive strategy, the organisation created a Leak Detection & Repair (LDAR) programme, which uses advanced technologies such as lock pressure checks to repair leaks. In the reporting period, the organisation has conducted LUAG assessments for over 1000 km, including Lock Pressure Test assessments across four GAs, reinforcing dedication to mitigating methane losses.
- With the aim of reducing logistics emissions, the organisation has converted its complete fleet, including Light Commercial Vehicles (LCVs) and Heavy Commercial Vehicles (HCVs), from diesel to compressed natural gas, maintaining a 100% conversion rate, utilising CNG, and strengthening efforts to promote greener mobility.
- Harnessing renewable energy as a part of their comprehensive solar commissioning initiative, the organisation has installed solar rooftop panels across 51 sites, including the CNG stations and offices with the provision of PV panels, generating almost 900kw per day. There is an online monitoring system that provides real-time data updates every five minutes, while automated cleaning devices ensure dust-free panels for optimal performance, contributing to a reduced carbon footprint and cost-effective operations, reflected in decreased energy bills.
- The 'Low Carbon Society' initiative fosters a low carbon future that aligns with nation's ambition of net zero emissions by 2070. Further, afforestation drives focus on creating a biodiversity park that promotes flora and fauna on land and water, simultaneously attracting a diverse variety of visitors who participate in activities such a yoga, forest walks, jogging, etc.

RECOGNITION: COMMITTED



ADANI GREEN ENERGY LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Solar Power Plant, Windmill of Capacity 500 MW at Fategarh, Robotics of Module cleaning system.

- The organisation aims to build a 45 GW renewable energy capacity by 2030 which accounts for 9% of India's Panchamrit target of achieving 500 GW of renewable energy capacity.
- Committed to decarbonising the nation through renewable energy generation, the organisation has avoided 13.5 million tonnes of CO₂ in FY23, cumulatively avoiding 42.5 million tonnes of emissions till date.
- The organisation is water-positive and certified for all locations with a capacity of more than 200 MW. Implementing cleaning module systems has resulted in water savings of 1,35,273.67 KI in FY2022–23. Currently, 2070 MW is equipped with robotic module cleaning equipment, accounting for 30% of total operational capacity.
- 2The organisation has developed in-house weather intelligence capabilities to mitigate the risks associated with drastic weather changes. They use advanced technology, including numerical weather prediction models, to generate highly accurate forecasts to mitigate any climate-related risks.
- The organisation is one of the pioneers in India to have engaged its suppliers through the CDP Suppliers Engagement Program. This is aimed at encouraging emissions monitoring and disclosure, ensuring the evaluation of all new suppliers based on health and safety, environmental aspects of business ethics and governance, etc., before they are onboarded.



JSW STEEL LIMITED, DOLVI WORKS

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Maximised emission reduction of sintering (meros) with waste gas Recirculation (wgr) system, application of steel slag applications in road making, installation of coke dry quenching systems (cdq), installation of top gas recovery turbine.

- JSW Steel Limited, Dolvi Works has implemented the first of its kind in India, a MEROS-WGR system, a specialised bag filter-based dry gas cleaning solution designed for sinter plants, having a capacity of up to 4,30,000 Nm³/hour while achieving a remarkable reduction in dust emissions to less than 10 mg/Nm³.
- In collaboration with the Central Road and Research Institute(CRRI), the organisation is taking measures toward sustainable road building using slag. The construction of a 1 KM concrete road using approximately 16,000 tons of EAF slag as aggregates on the National Highway 66 (Mumbai-Goa) has been completed with technical support from CRRI.
- The organisation has replaced the conventional Coke Wet Quenching (CWQ) process with Coke Dry Quenching (CDQ). This has provided a range of benefits, including energy efficiency, reduced greenhouse gas emissions, improved air quality, water conservation, operational advantages, and long-term cost savings.
- The organisation has devised a solution for furnace inefficiency and optimal fuel use, injecting COG into LD gas to augment the methane and hydrogen components of the Coke oven gas. This improved the flame length and heating value of the LD gas. In addition, the increased gas volume has the potential to generate an additional 17 MWh of power, translating into an annual cost savings of ₹87 crores.
- JSW steel Dolvi Limited has installed a BF gas top pressure recovery turbine (TRT) which is a mechanism that utilises the BF gas heat and pressure energy to drive a turbine. The work generated by the turbine is transferred to a generator and converted to electric power. This results in 40% increase in power generation in FY22.

RECOGNITION: ORIENTED



DELHI INTERNATIONAL AIRPORT LTD.

SECTOR: INFRASTRUCTURE



(L to R) Solar Power Plant, LEED- Gold, IGBC- Platinum & PEER Platinum, Rainwater Harvesting, Bio Gas & Grass Palletization Unit.

- The Delhi International Airport Limited (DIAL) has a 13.1 MW onsite solar plant at Delhi Airport. The organisation sources additional renewable-based electricity through open access and reduces the entire energy indirect emissions from electricity. 100% renewable electricity is used for its operation.
- DIAL has achieved LEED Gold as a new construction and IGBC Platinum as an Existing Building for Terminal 3. In 2019, Terminal 3 also received “Platinum Level” in Performance Excellence in the Electricity Renewal (PEER) certification system from the United States Green Building Council (USGBC). Currently, DIAL is working on expansion projects and Terminal 1 at Delhi is being developed as per LEED standard and has already received LEED Platinum Per-certification.
- The organisation has constructed over 650 rainwater harvesting structures at Delhi Airport along with rainwater storage facilities of approximately 9 million litres of capacity. In addition, a 16.6 MLD zero liquid discharge sewage treatment plant is being operated to ensure that the entire sewage water is getting treated and reused.
- DIAL has introduced a green transportation program with the aim of a swift transition to green mobility. The organisation is promoting the use of electric vehicles and charging facilities at Delhi Airport. Currently, 100% of the car fleet owned by DIAL are electric which helps in a significant reduction of greenhouse gas emissions and contributes to Delhi Airport becoming a “Net Zero Carbon Emission Airport” (NZCEA) by 2030.
- The organisation has operationalized a new Eastern Cross Taxi Way (ECT), which connects runway 29R to Terminal 1. Additionally, the ECT aims to reduce about 55,000 tonnes of CO2 emission, which is equivalent to planting about 15 lakh trees.



BHARAT PETROLEUM CORPORATION LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



Solar Power Plants

- The organisation has initiated an integrated 1G & 2G Ethanol Project in Odisha, each of which will produce 100 KLPD of bioethanol from bio-waste (6.6 Crore litre per annum). 70% of the work has been completed and plant is expected to be completed by Mar'24.
- Recently, the organisation has installed 64 MW solar and wind power plants. In addition, they have a few renewable energy plants in progress across India, including a 100 MW wind power facility in Maharashtra and Madhya Pradesh. The Bina Refinery in Madhya Pradesh has commissioned an 18-megawatt solar plant.
- The organisation has been authorized for 25 GAs covering 62 districts across 13 states, working to achieve its commitment of 1.1 crore PNG connections, 1200 CNG stations and 35,600 inch-kilometre of pipeline in these GAs. As of August 2023, the organisation has achieved 1.96 Lakh PNG connections, 452 CNG stations and 16,618 inch-kilometre of pipeline.
- Diversifying in petrochemicals, the organisation with the commissioning of the Propylene Derivative Petrochemical Project (PDPP) at Kochi Refinery during 2021-22, commenced marketing of Petchem products which were earlier predominantly imported, reducing imports and potentially can save foreign exchange approximately up to Rs 4,000 Cr. annually.
- The organisation proposes to invest Rs.49000 crore to establish a petrochemical complex at the Bina Refinery, increasing refinery capacity from 7.8 MMTPA to 11 MMTPA.
- Fostering an ecosystem where the adoption of electric vehicles is accessible and easy, the organisation has so far provided 797 EV charging stations and 13 battery swapping stations and set an overall target of setting up 7000 charging stations by December 24.

RECOGNITION: ORIENTED



APRAAVA ENERGY PVT. LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



Apraava crop residue management and Robotic Cleaning of Solar Panels.

- Aiming to mitigate mounting concerns around stubble burning, the organisation has distributed more than 100 farming technological tools, benefiting over 11,000 farmers across Haryana and potentially reducing emissions of fine particulate matter (PM2.5).
- The organisation has piloted a proactive water risk management and conservation endeavor, exploring the feasibility of robotic cleaning of solar panels. The innovative approach, piloted at the 100 MW Veltor Solar plant in Telangana, has demonstrated positive impacts on water conservation, with encouraging results showcasing a 1.2 % energy gain.
- Apraava is committed to reducing its carbon footprint. Focusing on the Science Based Targets Initiative (SBTi), which recently validated its target of reducing Scope 1 and 2 GHG emissions intensity (tCO₂e/MWh) by 46.3% by 2027 with 2022 as the base year.
- The Khandke CSR project focuses on bolstering water resources within the Khandke catchment village, emphasizing community-driven water resource development for enhanced water security. The organisation has constructed and restored 260 watershed structures, augmenting water storage capacity by 198.6 thousand cubic meters upon a single filling.
- Jhajjar Power Limited (JPL), as a subsidiary of the organisation, actively embraces co-firing biomass pellets in its units, aligning with the Ministry of Power's mandate. This process involves blending specified proportions of biomass pellets with coal and feeding it into the boiler.

RECOGNITION: RESILIENT

TATA STEEL

#WeAlsoMakeTomorrow

TATA STEEL LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Hydrogen Injection Plant, Solar Power Plant Maintenance at one of the sites, Inland water way.

- Tata Steel completed the first multi-modal shipment of 960 tonnes of steel TMT bars from West Bengal's Haldia Port to Tripura's Agartala. This endeavour supports the objectives of the PM's Gati Shakti programme and is an initiative to lower the company's Scope 3 carbon footprint and will contribute to decarbonising the steel sector.
- In FY 2023, the organisation commenced a trial injection of hydrogen gas using 40% of the injection systems in the E Blast furnaces of its Jamshedpur plant. This trial has the potential to reduce the coke rate by 10%, which can further reduce CO₂ emission intensity by 7-10%. This will also potentially provide valuable insights into operating blast furnaces with greener fuel injections, reducing fossil fuel consumption and subsequent CO₂ emissions from the blast furnace.
- Following the Life Cycle Assessment (LCA) methodology to accelerate its efforts in becoming a leader in product sustainability, the organisation strives to use the LCA tool effectively in its products. During the year under review, the company has undertaken LCA studies based on world steel LCA methodology guided by ISO 14040 and ISO 14044.
- The organisation is entering into an agreement with Tata Power Renewable Energy Limited to set up solar & wind hybrid power, thereby replacing 379 MW of Tata Steel's fossil fuel-based power consumption. The organisation plans to execute a fixed-tariff long-term agreement with TPVSL to source 379 MW of captive renewable power, which will save 50 million tons of carbon emissions over the contract period of 25 years.

RECOGNITION: RESILIENT

ReNew

RENEW ENERGY GLOBAL PLC

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Wind Power Plant, Solar Power Plant Maintenance at one of the sites, Solar Power Plant

- The organisation undertakes various energy-efficient measures annually based on techno-commercial feasibility. As a part of its net-zero commitment, ReNew is accelerating the pace of these interventions, and has implemented various initiatives aimed at enhancing energy efficiency.
- ReNew's corporate office in Gurugram, Haryana, India is a certified green building and is a single-use plastic-free office. It has achieved LEED Platinum accreditation for operations and maintenance, as well as gold certification for interior design and construction. It was granted the GRIHA 5-star rating in the existing building category. The organisation recently installed six benches manufactured from -120 kg of recycled plastic waste.
- The organisation is working towards integrating the principles of circular economy into its operations through approaches such as procurement of greener materials, extending the lives of equipment, materials, and reverse logistics.
- The organisation has developed a model to optimise module cleaning referred to as Condition-based Module Cleaning. This transition to condition-based cleaning resulted in panels being cleaned at the right time and at an optimal cost, without additional capital expenditure. ReNew has saved 318,708 KL of water, a 48% year-on-year increase.
- ReNew Digital (ReD), the digital transformation programme enhances energy efficiency through real-time monitoring and machine learning processes. This oversees asset performance to detect and comprehend the frequency, severity, and underlying causes of any faults. ReD ensures more dependable operations, streamlined resource planning, maximised outputs and a marked reduction in material wastage. The objective of all these efforts is to generate surplus electricity without incurring additional emissions.

RECOGNITION: RESILIENT



JSW ENERGY LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Waste Management: Non-Hazardous Waste -Fly Ash (Ratnagiri plant), Rainwater Harvesting Plant, Floral Diversity (Barmer plant) and Faunal Diversity.

- All plants have tie-ups with cement manufacturing & brick making companies who take away all the ash from the plants and use as an input material for their product. This led to a 100% ash utilisation by JSW Energy in FY 2022-23. In addition, the organisation has already switched over to LED lights across all offices in 2020, and in FY22 the focus was on improving the cooling system as well as UPS efficiencies.
- The organisation has achieved 100% ash utilisation at all the plants. In addition, they have constructed a 45,000 MT ash silo at Ratnagiri. The sea route shall be utilised to transport the ash to all prospective buyers, both in the national markets as well as for international requirements to other countries. About 19266 MT was exported to Sri Lanka in Nov 2023.
- The organisation has undertaken rainwater harvesting initiatives by constructing a dam near Vinayakwadi township, with a water storage capacity of 35,000 m³. Manual interventions are built on the dam's upstream side to boost water retention. Water is pumped to the clarified water storage tank near the plant from July to December from this facility. In FY 2023, about 3,50,000 m³ water was pumped from the rainwater harvesting facility to plants for process and drinking water use.
- The organisation has achieved 39.4% i.e., 132 acres of green belt through rigorous plantation drives inside JSW plants including a plant located in the Thar desert.
- The organisation has maintained a 'Zero Liquid Discharge Status' across all plants. The systems are meant to manage processed wastewater internally by recycling and reuse, avoiding the need to release effluents outside the facility. Their sustainability policy is consistent with this approach, ensuring that effluent is cleaned and recycled in the water cycle or diverted for horticultural use. In FY 2023, JSW Energy recycled and reused 4,252.308 million liters of water, proving its commitment to sustainability.

RECOGNITION: RESILIENT



DALMIA CEMENT (BHARAT) LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Floating Solar Plant, Waste Biomass Plant, Biomass Plantation

- The organisation is currently executing waste heat recovery and solar power initiatives across the cement plant locations to augment the proportion of non-fossil captive power generation. As a part of a concerted effort to enhance the solar power capacity, various structures such as captive ground-mounted, floating and rooftop solar PV plants have been installed.
- Deploying a strategic initiative, the organisation aims to achieve a complete transition to renewable sources such as biomass and Municipal Solid Waste, by 2035. Significant progress has already been made in FY 2022-23, with fossil fuel use reduced by more than 20%. Furthermore, 17% of thermal energy has been efficiently replaced by the use of alternative fuels such as Refuse-Derived Fuel (RDF), MSW, Biomass, and others.
- The organisation has implemented other initiatives to explore alternatives to fossil fuels for heat energy, with a focus on the Beema Bamboo Plantation. A demonstration project of the superior clone of Bambusa Balcooa, known for its high biomass yield is implemented in Andhra Pradesh, showcasing sustainable and renewable biomass use. Leading a community-driven bamboo plantation initiative in Umrongso, Assam, including four communities, the organisation intends to plant 25,000 seedlings for biofuel generation.
- With integrated rainwater collection capacities spanning manufacturing, mining, and other community projects, the organisation has become more than 14 times water-positive. They are creating surplus water reserves that exceeds the enterprises' yearly water demands, and also improve energy efficiency.

RECOGNITION: RESILIENT



ADANI ENERGY SOLUTIONS LTD.

SECTOR: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Adani Energy Solutions Limited Coal Thermal Power Plant, Plant Sequestration, Energy Network Operation Center (ENOC).

- Various measures have been undertaken by the organisation to mitigate concerns regarding pollution, such as particulate matter generated from coal burning, Electrostatic Precipitators (ESP) comprising four passes with six fields, and an efficiency of over 99.91% to collect fly ash. To control sulphur dioxide (SO₂) emissions, the flue gas desulphurisation (FGD) unit with an efficiency of more than 90% was commissioned in October 2007.
- The organisation has invested in plantation activities in and around its operations to influence carbon sequestration. Over the past 20 years, AESL planted 2,48,71,217 trees covering 374.95 hectares, including a grown forest between 10 to 20 years of age, grass including 0.5-meter subsurface root system and mangroves (10 to 20 years). The total carbon sequestration of the organisation is 737 tonnes/hectar annually and the total CO₂ uptake is 2,704 tonnes/year.
- In collaboration with Adani Electricity Mumbai Ltd, the organisation is fostering energy efficiency programmes and enhancing customer experience using smart meters, energy savings and operational efficiency. In its first stage, the organisation plans to deploy more than 25 Lakh smart meters by 2027. This could lead to the introduction of time-of-day-tariff, trigger consumption shifts in non-peak periods, strengthen systems availability, and enhance infrastructure effectiveness.
- The organisation has set ambitious goals for a 40% reduction in greenhouse gas (GHG) emission intensity by FY2025, a 50% reduction by FY2027, and a 70% reduction by FY2030.

RESILIENT



ORIENTED



COMMITTED



CII-ITC CENTRE OF EXCELLENCE FOR SUSTAINABLE DEVELOPMENT



TCII-ITC Centre of Excellence for Sustainable Development (CESD) is one of CII's 9 Centres of excellence. CESD 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. Its 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 Climate Change, environment management systems, biodiversity mapping, sustainability reporting, integrated reporting, and social & natural capital valuation in India, thus upgrading business in India to sustainable competitiveness. 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.

For more queries reach out at:

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