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CII
Confederation of Indian Industry

CAP2.0
CLIMATE ACTION PROGRAMME

WINNER BOOKLET

ABOUT THE 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 two years, more than 50 companies from different sectors including MSMEs have applied, and 11 companies have been recognised.

CONTENTS

ASSESSMENT METHODOLOGY

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

EUROPEAN FOUNDATION FOR QUALITY MANAGEMENT (EFQM) MODEL	Based on Enablers and Results looked at overall from the 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 over 100 questions, spanning specific sections including Governance & Leadership, Strategy, Targets, Risks & Opportunities and Disclosures

AWARD CATEGORY

CAP 2.0˚ COMMITTED RECOGNITION

This category recognises organisations who have taken the first step towards climate action by identifying the primary risks to the organisation, worked on GHG management, have decided on their emission reduction targets, and working towards a participatory culture.

RECOGNITION: ***COMMITTED***

JSW STEEL LIMITED

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) JSW Steel moving towards environment friendly transportation, India's First EAF Plastic Injection System and Steel slag to sand project

- Carbon capture, utilisation, and storage (CCUS) is an important emissions reduction technology being practiced by JSW Steel Limited that can be applied across the energy system. CCUS technologies involve the capture of carbon dioxide (CO_2) from fuel combustion or industrial processes, the transport of this CO_2 via ship or pipeline, and either its use as a resource to create valuable products or services, or its permanent storage deep underground in geological formations.

- India's first EAF Plastic Injection System has been introduced by the organisation, becoming the front runner in developing and adopting innovation technologies. JSW Steel worked towards embedding ethos of effective waste management for making a plastic-free environment, developed, and commissioned first its kind technology - EAF Plastic Injection System, in India at JSW Steel Vijayanagar Works. Commissioning of this system will help in curbing and controlling plastic-dumping in open grounds and also in reducing coke fines' consumption in EAF with estimated consumption of 3 tons of plastic every day. This will also help in replacement of equivalent consumption of coke fines directly relating to resource conservation and climate change by reducing about 1000 tons CO_2 per annum.

- The organisation also practices conveyor transportation to ensure zero spillage and conservation of mineral resources, saves fossil fuel which otherwise would be used for road transport. Zero accidents and reduced burden on the transport infrastructure such as road and rail as well as reduced emissions associated with road transport (gaseous pollutants, dust & PM) – 3.86 kg/t of ore transported have been the key objectives towards environment friendly transportation.

RECOGNITION: ***COMMITTED***

PRAJ INDUSTRIES LIMITED

SECTOR: LIGHT MANUFACTURING

(L to R) Praj Matrix-R&D Facility, Second generation Cellulosic Ethanol plant and Compressed Biogas (CBG) from agro-waste, a drop-in fuel to replace Compressed Natural Gas

- Praj Industries Limited's R&D facility, Praj Matrix, is dedicated to sugar and by-products. First of its kind R&D facility with Bench and Pilot scale facilities that enable validation of scientific assumptions as well as rapid commercialisation. It is home to over 90+ research scientists and backbone of the business, responsible for cutting-edge research and development for technology commercialisation.

- The organisation has pioneered a basket of innovative technology solutions in the form of Bio-Mobility™. The bio-products offered from sugarcane - juice, molasses, bagasse, and filter mud undergo a series of processing steps including pre-treatment, bioprocess, thermochemical process, and down streaming to yield value-added industrial bio-products. The Bio-Mobility platform of technologies utilises all four feedstocks from the wonder crop to obtain low carbon renewable transportation fuels across all modes of mobility i.e., Surface, Air, and Marine. Typically, GHG emission savings of 60%-80% compared to fossil fuel comparators.

- The CBG demo plant is another step closer to reducing carbon emissions and pollution. Besides reducing the import of natural gas and crude oil, this technology will boost entrepreneurship, economy, and employment in rural India.

- The organisation's 'enfinity™' technology is the one that efficiently converts agricultural waste (and other second-generation feedstock) into fuel-grade ethanol. As such, the growth of Ethanol Industry can prove beneficial for the farmer as well as the environment by acting as a solution to the age-old problem of disposal of Agri residue, thus solving the 'burning' issue to a great extent.

RECOGNITION: ***COMMITTED***

TOYOTA KIRLOSKAR MOTOR PRIVATE LIMITED

SECTOR: LIGHT MANUFACTURING

(L to R) CNG Toyota is harnessing solar energy and purchasing Renewable energy, Initiatives towards water positive plant and Vehicles for green employee commute

- Toyota has adopted a 3-step approach towards achieving carbon neutrality which mainly focusses on usage of renewable energy and natural gas, optimal conversion of utility and facility operations from one energy form to the other, optimising energy usage by reduction of fixed load, process minimisation, innovative technologies and energy efficient equipment.

- The organisation has 8.2MW capacity of Solar Panels installed inside their premises and 18MW offsite installation, which is exclusive for the organisation. Toyota has successfully achieved 100% RE in grid electricity from June 2021 which includes their manufacturing plant at Bidadi and onsite supplier companies, resulting in a carbon offset of 2,86,794.58 tons (cumulative from 2014 ~ Mar'22).

- The second plant at Toyota was designed employing new environmental technologies, efficient systems, and processes with the aim to create a technology transfer point for emerging economies. As a result, the plant is known to show 30% reduction in overall energy use as compared to conventionally built plants.

- The organisation has been consistently expanding their afforestation efforts since 2009 through cross-functional engagements involving all their stakeholders. Over the years, they have planted more than 3,23,000 plants belonging to more than 600 native plant species which have helped in sequestering approx. 4,700 tons of CO_2 emission (cumulatively).

- The organisation has been at forefront of water reduction since its inception by adopting recycling, rainwater harvesting, and promoting kaizen to reduce specific water consumption. Through these initiatives, they have reduced their freshwater utilisation by 90% for manufacturing during FY 2020 -2022.

RECOGNITION: ***COMMITTED***

ADANI GREEN ENERGY LIMITED

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) Adani Green Energy Limited's Semi-Automatic Machine (SAM) solar panel cleaning system, Plantation Drive in Kamuthi and Solar Power Plant in Telangana

- In view of the scarcity of resources, especially water, Adani Green Energy Limited has taken water conservation initiatives such as utilisation of a Semi-Automatic Machine (SAM) solar panel cleaning system which has significantly reduced the water consumption, increased the efficiency of cleaning capacity per day and reduced O&M costs.

- The organisation has adopted Robotic Module Cleaning technology to reduce water consumption. The organisation has also declared a long-term solar panel cleaning water target of 0.7 lit/module/wash from a baseline of 1.3 lit/module/wash, thus contributing to their Water Neutrality initiative.

- The organisation has initiated several plantation drives and habitat restoration in the local community areas. The focus is on planting native tree species and commitment to extensive afforestation practices, also diligently following a "No Deforestation" commitment.

- For World Environment Day, the organisation undertakes plantations to support their unwavering commitment to extensive on-site plantations and carbon sequestration.

- The organisation has created enormous solar parks and initiated development of unproductive land. Their 648 MW solar power plant in Kamuthi became the first 'water-positive" solar plant in the world. Commissioned in 2016, it is the world's largest single location solar power plant.

RECOGNITION: ***COMMITTED***

DELHI INTERNATIONAL AIRPORT LIMITED

SECTOR: INFRASTRUCTURE

(L to R) Solar plant installed by Delhi Airport, Bridge Mounted Equipment (BME) and Sewage treatment plant at Delhi International Airport

- Delhi International Airport has adopted Airport Carbon Accreditation, currently certified at Level 4+. They have reduced their specific emission by 90% since 2010-11. They have also adopted Net Zero carbon Emission Airport by 2030 target. To do so, Delhi International Airport collaborates with research institutes, industry associations, universities, national and global think tanks to come up with solution and technology to address climate concerns.

- The organisation is the first carbon neutral airport in Asia Pacific region., Following the footsteps of Delhi International Airport, as of now there are 5 more airports which have achieved carbon neutral status.

- The organisation has also brought in a change in terms of green infrastructure development in the Airport sector. They are the first airport to set up a MW scale solar power plant in the airside zone, which is otherwise a regulated area. The organisation's active policy advocacy resulted in a change in Indian aviation sector and now government is allowing and promoting solar power plant in airports.

- The organisation has also become the first airport in the world to implement the Green Taxiing solution. They have worked with Ministry of Civil Aviation to bring a green aviation policy for the entire aviation sector in India.

- The organisation is focussing on resource efficiency improvement by reducing their electricity consumption, fuel consumption, water conservation, recharge, and efficient water use. They are trying move away from grid electricity by developing on site renewable energy and offsite zero emission energy such as Hydro power plants. They offer low emission services to their customers/business associates.

AWARD CATEGORY

CAP 2.0˚ ORIENTED RECOGNITION

This category recognises organisations that align their strategies to climate change and climate risks. Climate risk is a part of the organisation's enterprise risk management, and there are competent personnel/designated employees/departments handling the portfolio and GHG targets which are futuristic.

RECOGNITION: ***ORIENTED***

DALMIA CEMENT(BHARAT) LIMITED, (CORPORATE)

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) Dalmia's non fossil electricity initiatives, Water positive cement plant and Dalmia Cement has been conserving biodiversity through the Miyawaki technique and growing urban forests in Kadapa

- Dalmia Cement has committed usage of 100% renewable power under fossil free electricity initiative by 2030 (RE 100). They are implementing waste heat recovery and solar power across their cement plant locations to increase the share of non-fossil captive power generation.

- A water positive cement plant is Dalmia's solution to water related physical risks of climate change. As of now, the group is 13.3 times water positive and has set a goal to become 20 times water positive by 2025. Dalmia's combined rainwater harvesting capabilities covering manufacturing, mining and other community initiatives have helped them become 13.3 times water positive. It has created surplus reserves of water exceeding the annual water needs of their operations. They have channelised excess water to communities around their operations to reduce water related challenges.

- In FY21, Dalmia proposed developing a High-Density plantation in the Kadapa mine to strengthen their neighborhood's biodiversity. Based on recommendations by experts, they have adopted the Miyawaki Method to develop the plantation.

- The organisation also has an EV 100 commitment for significant Electric Vehicle transition by 2030, spearheading the industry's transition towards green mobility with the launch of its e-Truck initiative.

RECOGNITION: ***ORIENTED***

HINDUSTAN ZINC LIMITED

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) Hindustan Zinc's operational site at Rajpura, Dariba Complex, Solar Panels and Windmills installed by Hindustan Zinc and battery-powered service equipment and utility vehicles

- Hindustan Zinc has become India's first mining company to make a green shift by introducing battery-powered service equipment and utility vehicles in underground mining. During FY 2021-22, few light motor vehicles were deployed across the organisation (recent additions are passenger electric vehicles at locations, electric forklifts, etc.). They have set a target to achieve 50% electrification of the mining fleet by 2030 and complete electrification by 2040.

- To align their target of net zero by 2050, they have started the journey with revamping of turbine followed by use of biomass as alternative fuel. Using biomass, the organisation was able to reduce coal consumption and its emissions level and associate cost and moved a step closer to ESG goal of organisations.

- The organisation has installed a 40.42 MW solar power project by utilising its waste lands without disturbing any productive land. Their 22 MW solar power project at Rampura Agucha, 12 MW at Debari and 4 MW at Dariba are all registered under the Gold Standard – the most rigorous certification given globally for carbon offset projects. 83.43 Mn. units of solar power have been produced in FY2021 for captive consumption. They have increased solar power capacity by 2.5 times in the last two years and plan to add more in the coming future.

- The organisation decided to opt for Turbine Revamping due to continuous increase in load demand and commitment to reduce CO_2 emissions and have revamped all turbines from 80 MW to 91.5 MW. This is the first project in India, increasing both efficiency and capacity of the plant by modifying turbine internals. This project is registered under VERRA (the world's most widely used voluntary GHG program) as a carbon reduction project.

RECOGNITION: ***ORIENTED***

ADANI TRANSMISSION LIMITED

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) Adani Transmission's initiative to conserve national capital, Ambient air quality monitoring system and rooftop solar power generation and Solar power generation at Adani Transmission's substations

- Adani Transmission Limited is a signatory to the India Business and Biodiversity Initiative (IBBI) and committed to conducting business with no-net-loss to biodiversity. They are also encouraging and promoting climate smart agriculture initiatives. This enables them to maintain the compliance of minimum 33% Green Coverage.

- The organisation has about 18,801 ckm of transmission lines under execution and operation. The organisation applies Right of Way (RoW) approach in the transmission and distribution business, to avoid land acquisition, thus minimising societal impact.

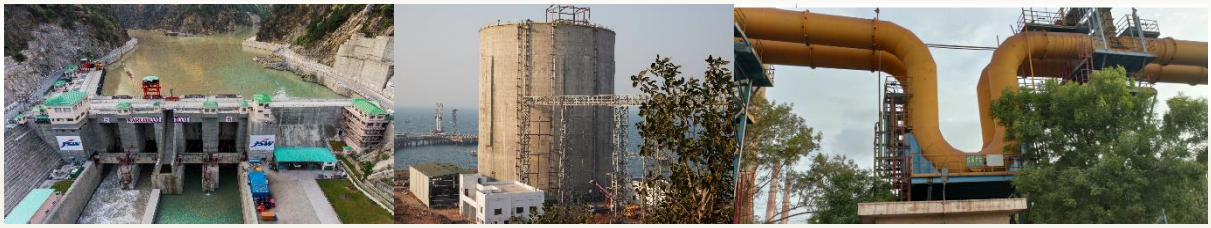
- Domestic effluent is being treated in the organisation's in-house Sewage Treatment Plants (STP) and the treated water is utilised for horticulture purposes. The ADTPS (Adani Dahanu Thermal Power Station) and 100% of organisation's assets under O&M business have received Zero Waste to Landfill certificate with over 99% waste diversion rate from landfill by an independent agency and is line with organisation's ESG commitment towards SDG12.

- The organisation plans to consume 100% of the auxiliary power through solar PV rooftops installed at the substations. The whole auxiliary consumption at the substation has been planned to be from the renewable energy / hybrid plant system. The purposes of having a microgrid solution connected to the existing solar PV at the substations include:
  • Minimising grid electricity purchase and minimising Levelised Cost of Energy (LCOE)
  • Maximising renewable energy production utilising storage
  •Minimising grid electricity purchase and becoming future proof against any grid electricity price escalation

RECOGNITION: ***ORIENTED***

JSW ENERGY LIMITED

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING



(L to R) Karcham Dam at Himachal Pradesh (Installation by JSW Energy), Ash Silo at Ratangiri port and pictorial representation of conveying the Blast Furnace Waste gas from the steel plant

- Karcham Dam at Himachal Pradesh is a part of JSW Energy's 1091 MW Installed Capacity Hydropower plant named as Karcham-Wangtoo project. The Wangtoo Powerhouse, located downstream, houses the 4 turbine units. Kuppa Barrage at Himachal Pradesh forms part of their 300 MW hydropower plant. Named as BASPA – II, the powerhouse is located downstream and houses 3 turbine units. Together, these 2 hydropower projects provide for 30% of the total power production of JSW Energy.

- JSW Energy as part of its afforestation activities, has undertaken a 7-acre mango plantation. This activity is being developed as part of a total of 100-acre development of mango plantations near their Ratnagiri plant, in line with the bio-diversity management plan at the site.

- The organisation has developed a green cover inside the Barmer Power plant, Rajasthan using drip irrigation methodology which massively conserves the water requirement. Water used for horticulture is the process water recycled through the PT plant and re-used.

- The organisation is developing a pasture area (Silvi pasture) near the Barmer power plant which has been re-developed in line with the bio-diversity management plan to support and augment flora and fauna of the region. Many animal species have been spotted here since. An eco-system study is also underway in this region to further enhance the bio-diversity management plan.

- To meet their target of increasing the share of renewable power, in the total generation capacity, the organisation has recently commissioned a 225 MW Solar plant near their Vijayanagar power plant.

RECOGNITION: ***ORIENTED***

JSW STEEL LIMITED, DOLVI

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) JSW Steel, Dolvi plant's top pressure recovery turbine, Blast Furnace, Coke dry quenching unit and Dry fogging system at raw material storage yard

- JSW Steel, Dolvi Works has been acting responsibly to maintain a high level of environmental management standards by adopting the best available technology. Pollution prevention and control is emphasised at source, which resulted in optimum use of material, energy conservation, water, and other natural resources. The organisation believes that clean technology means less waste generation and less use of resources.

- Competitive strategy improvisation has reduced the organisation's Water Demand up to 2.98 m^3/tcs, moving towards the target of 2.36 m^3/tcs by 2030, which will be the best in the Indian steel industry. Globally followed Best Available Technology (BAT) measures are adopted like,

    - Coke Dry Quenching at Coke Oven Plants (3 Nos): Heat Recovery, reduce energy consumption as well as Reduction in Water Footprint
    - Cover sheds at Raw Material Handling Areas (4 Nos): To control the Fugitive Emissions and avoid water contamination during monsoon season.
    - Dry Gas Cleaning Plant (GCP) at BF-2: Reduction in Water Footprint, Increase in Energy recovery of Top Gas Recovery Turbines (TRT).
    - Dry Gas Cleaning Plant (GCP) at SMS-2: Reduction in Water Footprint
    - Gas Holders 2 Nos (LD Gas and BF Gas) of capacity of each - 1 Lac M3: Energy saving approximately 1 million Gcal/Year
    - Road Sweeping Machines (6 Nos) and mobile water sprinkling (3 Nos) to control fugitive emissions from vehicular movements.
    - Construction of high strength concrete roads for all the major vehicular movement area of the plant.
    - Installation of the best of class and state of the art High Efficient Bag Filters, Electro Static Precipitators (ESP) for all transfer points and process.

RECOGNITION: ***ORIENTED***

TATA METALIKS LIMITED

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) TATA Metalik's rooftop battery less solar Power Plant, WHRB Power Plant and Rooftop Solar Water Heater

- Tata Metaliks has scaled up it's renewable power generation during 2021 - 2022. 1 MWp Roof top battery less solar power plant has been installed during this tenure. 2984 nos. of modules were installed in the solar power plant. Entire periphery of the solar power plant is provided with handrails and safe access.

- The organisation has implemented Magnetic Resonator to improve fuel efficiency in heavy vehicles handling raw materials. This functions by imposing a magnetic flux on fuel molecules before combustion in order to render the fuel molecules more readily combustible. The resonator is installed at the outlet of the fuel injection pump. The device is non exhaustive and non corrosive. It is also heat and water resistant. A fuel efficiency of 4-8% has been obtained.

- A roof top solar water heater has been installed at canteen area. Capacity of the water heater is 1000 LPD. This has impacted in reducing LPG saving upto 72 cylinders/year, thereby reducing Carbon footprint. Monetary benefit of ₹ 1.1 L achieved.

- The organisation has also initiated power saving by using *active Harmonic Filter* at one of the major energy consuming units i.e Induction Furnace of the ductile iron pipe plant. Harmonic filter was installed at transformer of the induction furnace. This primarily helps in prevention of breakdown and equipment failure, maximum utilisation of installation capacity and improvement of energy efficiency. Approximately 827740 KWh/ year was saved with a corresponding GHG emission reduction of approx. 680 tCO2e.

- The organisation has installed one Bio gas plant. Capacity of the plant is 150 kg/day. It has not only resolved the issue of canteen waste management, but has also reduced LPG consumption, thereby reducing GHG emission. The Bio gas generated is being used for cooking at the canteen.

AWARD CATEGORY

CAP 2.0˚ RESILIENT RECOGNITION

This category recognises organisations that have strategies and plans aligned to mitigate climate risk as well as advanced plans with respect to climate change. These organisations have adaptation projects aligned to build resilience, mitigation projects are already planned and executed and the targets to reduce emissions are science-based and futuristic.

RECOGNITION: ***RESILIENT***

TATA CONSULTANCY SERVICES

CATEGORY: SERVICE

(L to R) Green Building as per IGBC standards at TCS Siruseri, Onsite Renewable Energy Generation (solar panels in roof top & parking lots) and Prevention of GHG Emission through on-site food waste management OWC at Deccan Park Hyderabad

- All new TCS offices are designed in line with green building standards to derive optimum benefits in terms of energy and resource efficiency, recycling of waste streams and best-in-class waste management practices. Having already switched over to LED lights across all offices in 2020, in FY22 the focus was on improving cooling system and UPS efficiencies. Buildings with old/inefficient air conditioners were upgraded to energy efficient and 'Energy Star' rated cooling systems.

- 34 TCS offices spanning across over 28.2 million sq. ft of office area, are certified green buildings by Indian Green Building Council (IGBC). These make up over 64.4% of the organisation's total real estate portfolio in India. All new TCS offices are designed in line with green building standards to derive optimum benefits in terms of energy and resource efficiency, recycling of waste streams and best-in-class waste management practices.

- The organisation has continued to augment the roof top solar photo voltaic installations and in FY 22 increased the total installed capacity to 10.2 MWp contributing to 3.76 percent of total electricity use in the reporting year. TCS has also increased the procurement of renewable energy through a third-party power purchase agreement (PPA) and switched over to green tariff for its operations in certain states in India. This resulted in an increase in the renewable energy use to 37.2% of total electricity use in FY22 (compared to 15.6% RE in FY21).

- The organisation is committed to sustaining the best practices that have already been institutionalised like segregation of all recyclable wastes, 100% compliance to management practices for regulated wastes like hazardous and e-waste, 100% recycling on printer and toner cartridges, paper, and packaging wastes. Biodegradable waste is treated onsite for biogas recovery or manure generation through biodigesters or composting. All TCS campuses, owned offices, and leased offices (with space availability) have been provided with on-site food waste management facilities.

RECOGNITION: ***RESILIENT***

TATA STEEL LIMITED

CATEGORY: ENERGY, MINING AND HEAVY MANUFACTURING

(L to R) Tata Steel commissioned its first Steel Recycling Plant in Rohtak, First Biofuel powered ship deployed for imported raw material transportation, Initiated a trial for continuous injection of Coal Bed Methane (CBM) in Blast Furnace to reduce emission and Commissioned India's first plant for CO_2 capture from Blast Furnace gas at Jamshedpur.

- Tata Steel has commissioned its new 0.5 MnTPA Steel Recycling Plant at Rohtak, Haryana. The plant has been set up in collaboration with M/s Aarti Green Tech Ltd., as a 'Build, Own, Operate' (BOO) partner. It is the first such facility in India, equipped with modern and mechanised equipment such as Shredder, Baler, Material Handler etc.

- The organisation has also deployed its first Biofuel powered ship for imported raw material transportation. The bulk carrier named Frontier Sky, owned by NYK, and operated by Tata NYK Shipping Pvt. Ltd. has successfully completed trial use of biofuel to transport cargo provided by Tata Steel. The voyage involved a cargo of ~1,60,000 tonnes of coal transported from Gladstone, Australia to Dhamra, India.

- The organisation has initiated the trial for continuous injection of Coal Bed Methane (CBM) gas in one of the Blast Furnaces (E Blast Furnace) at its Jamshedpur Works. This process is expected to reduce coke rate by 10 kg/thm, which will be equivalent to reducing 33 kg of CO_2 per tonne of crude steel. The technology, design, and development of the entire system at E Blast Furnace for facilitating CBM injection has been done by the in-house team of Tata Steel.

- The organisation commissioned a 5 Tonnes Per Day (TPD) carbon capture plant at its Jamshedpur Works, making it the country's first steel company to adopt a carbon capture technology that extracts CO2 directly from the Blast Furnace gas. Tata Steel will reuse the captured CO2 on site to promote a circular carbon economy.

LIST OF APPLICANTS

(Category-wise)

Energy, Mining and Heavy Manufacturing

1. Adani Green Energy Limited
2. Adani Transmission
3. Dalmia Cement Bharat Limited
4. Hindustan Zinc Limited
5. JSW Energy Limited
6. JSW Steel Limited
7. JSW Steel Limited, Dolvi
8. TATA Metaliks Limited
9. TATA Steel Limited
10. TATA Steel Limited, Meramandali
11. Vedanta Limited

Light Manufacturing

1. Kings International Limited
2. Lumax Industries Limited
3. Praj Industries Limited
4. Toyota Kirloskar Motor Private Limited
5. WAE Limited

Service

1. Integra Software Services Private Limited
2. NEPRA Resources Management Private Limited
3. TATA Consultancy Services

Infrastructure

1. Delhi International Airport Limited

LIST OF WINNERS

RESILIENT

TATA Consultancy Services

TATA Steel Limited

ORIENTED

Dalmia Cement (Bharat) Limited, (Corporate)

Hindustan Zinc Limited

TATA Metaliks Limited

JSW Steel Limited Dolvi Works

JSW Energy Limited

Adani Transmission Limited

COMMITTED

Delhi International Airport Limited

JSW Steel Limited

Toyota Kirloskar Motor Pvt. Ltd.

Praj Industries Limited

Vedanta Limited

Adani Green Energy Limited

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 Southeast 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.