



CII-ITC Centre of Excellence
for Sustainable Development



Confederation of Indian Industry



COMMITMENT TOWARDS A **SUSTAINABLE FUTURE**

Annual Report **2022**

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Table of Contents



05 Mission and Vision

06 Messages

10 Highlights

12 Intervention Areas

13 Climate Action

17 Circular Economy and Resource Efficiency

19 Biodiversity and Nature

20 Resilient Business and Society

24 Sustainable Alliances

25 Cleaner Air–Better Life

32 India Plastics Pact

40 India Business & Biodiversity Initiative

43 CII Climate Action Charter

47 Sustainable Brands

48 Sustainability Awards

51 Sustainability Summit

58 ESG Intelligence & Analytics Services

61 Eco Edge

63 Climate Action Programme 2.0°

66 Policy Advocacy

72 Training and Advisory

73 SuP-free Certification

75 Corporate Reporting

78 Zero Waste to Landfill

79 Virtual Training Programmes

81 Communications

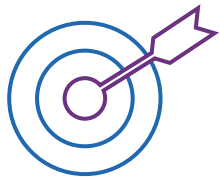
82 Social Media

83 Media Coverage of
17th Sustainability Summit
and 17th CII-ITC
Sustainability Awards

85 Nodal Ministries and
Partner Organisations

86 Advisory Council

88 Staff Profiles



Mission

To catalyse innovative ideas and solutions, in India, and globally, to enable business, and its stakeholders, in sustainable value creation.

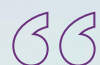


Vision

Be a global leader, in thought and action, to drive transformation, towards sustainable development.

The Centre has created an ecosystem that brings sustainability issues to center stage and created platforms to dynamically work in the areas of climate action, biodiversity, air pollution, circular economy & resource efficiency and mobilize collaborative industry action.

Messages



Both mitigation and adaptation require a multidimensional approach. Giant strides will be required to transition to a net zero economy with specific focus on hard to abate sectors



We live in a state of permacrisis with new challenges, like geopolitical tensions, reglobalisation, and climate change disrupting life. Amidst the headwinds, India has taken leadership on several fronts. India's G20 Presidency, with the theme of "One Earth, One Family, One Future" has emphasized that global collaboration is the need of the hour. Its leadership in climate action have propelled India firmly onto the global stage. The nation ranks first among all G20 members in terms of overall climate performance in the Climate Performance Index. India's role in promoting a global alliance for solar energy under the concept of "One Sun, One World, One Grid", its updated NDCs and its LiFE (Lifestyle for the Environment), initiative which calls for a worldwide paradigm shift from mindless and destructive consumption to mindful and deliberate utilization, also reinforce its commitment to climate action.

Such actions are mission critical in today's context as climate change has spiraled into an existential crisis. Extreme weather events have become frequent and unpredictable. In 2022, Europe experienced the worst drought in 500 years. Rivers ran at historic low levels compromising agri yields and disrupting supply chains and businesses. Erratic rainfall also led to devastating floods across the world. A cyclone of record-breaking duration devastated parts of south-eastern Africa. The Drought in Numbers 2022 (UNCCD) report highlights that this year more than 2.3 billion people face water stress and almost 160 million children are exposed to severe

and prolonged droughts. India too faced its own share of problems, with floods in Assam and in Karnataka, occurring just after a severe heat wave.

The recent IPCC report estimated that in the next decade alone, climate change will drive 32-132 million more people into extreme poverty. Every tenth of a degree of additional warming will escalate threats to people, species, and ecosystems.

Despite wide ranging global commitments and efforts in decarbonization and mitigation, it is clear that the world is already locked in unavoidable climate change impacts. The IPCC report has warned that the world would in all probability breach 2 degrees by the end of this century. This implies that extreme weather events like floods and droughts would double, heat waves would multiply 5 to 6 times. This makes it imperative that adaptation efforts are accorded equal focus as mitigation.

Both mitigation and adaptation require a multidimensional approach. Giant strides will be required to transition to a net zero economy with specific focus on hard to abate sectors, making green hydrogen available economically as well as carbon storage. Large scale adaptation measures will need to be implemented based on nature-based solutions. Investments in R&D would have to be scaled up to define new pathways for addressing climate challenges. Inclusive value chains need to be built to secure livelihoods for today and tomorrow.

Given the scale of the challenges that the world faces, urgent and concerted endeavours are required. There is pressing need for governments, enterprises and all sections of society to collectively address issues related to environmental degradation to build a sustainable future for all. Businesses in particular with their immense wherewithal are in a unique position to create innovative solutions to tackle climate change and make operations ecologically and socially compatible.

It is in this context that the work of CII-ITC Centre of Excellence for Sustainable Development (CESD) assumes great relevance. The Centre, while creating a significant repertoire of subject matter knowledge in sustainability and has developed platforms to dynamically engage in the areas of Climate Action, Biodiversity, Air Pollution, Plastics, Circular Economy, ESG, Supply Chain Sustainability among others and mobilise collaborative industry action. The Centre has created an ecosystem with a vision to drive transformative action for sustainable development where Government, Businesses and Stakeholders work together towards addressing the most pressing global macro challenges.

The CII Climate Action Charter (CCAC) launched at the 17th Sustainability Summit provides a platform for Indian businesses to map Climate Change as a material risk across value chains and develop long-term actions to build

resilience. The Charter has over 204 signatories from a variety of sectors ranging from hard-to-abate sectors to multi-sector diversified businesses, MSMEs and service sectors. To drive climate action within the MSME sector, the Centre has designed a customized toolkit which enables MSMEs to assess their carbon footprint and take appropriate mitigation measures. This toolkit has been implemented in seven clusters across sectors such as textiles, light engineering, auto components and fabrication, food processing and confectionaries as well as recyclers.

Businesses in India today recognize the risks and opportunities presented by climate change as well as the importance of being future-ready. They are therefore incorporating sustainability in their operational frameworks. Several businesses are working towards reducing their environmental impact and enhancing their social and governance standards by integrating ESG concerns into their decision-making processes. This is also because of the rise of investors integrating ESG factors in their decision making. In order to support companies in their ESG journey, The Centre has also launched ESG Intelligence & Analytics services. The objective is to help companies identify key ESG gaps in line with key material issues for the sector to which the company belongs. The centre has also introduced an initiative called Eco Edge to help companies manage ESG risks in their value chains.

The Centre recognizes and awards companies that have demonstrated excellence in implementing measures that make their businesses sustainable and inclusive. The one-of-its-kind CII-ITC Sustainability Awards were instituted to recognise and reward enterprises that deliver high shareholder value simultaneously with environmental enrichment and social inclusiveness. In the past 17 years, 1131 businesses have applied and 375 have been recognized. More than recognition, the Awards measure performance and provide detailed feedback to companies, for opportunities to excel.

With an impressive portfolio of Sustainable Alliances and Brands, the Centre will continue to leverage its position as an all-inclusive ecosystem player and work collaboratively with all stakeholders towards a sustainable future.

I sincerely hope that you will find the fourth edition of our Annual Report informative and helpful.

Mr Sanjiv Puri

President Designate, CII
Chairman, Advisory Council
CII-ITC Centre of Excellence for Sustainable Development, and
Chairman & Managing Director
ITC Ltd



CII is committed to partnering with Indian industry in achieving its aspirations for growth, while contributing majorly to the global and Indian challenges of inclusive development, competitiveness, sustainability, and globalisation, and building trust with all stakeholders.



As an organisation, CII, over the last several decades has put a significant focus on sustainability. As a thought and action leader, CII has the convening power to bring stakeholders together. Industry is taking leadership in bringing to life innovative business models that tackle environmental and social challenges, build resilience, and impact society positively.

The WEF Global Risks Report 2023 clearly states that the long-term risk of failure to tackle climate change emerges as the biggest set of risks. From failure to mitigate climate change to biodiversity loss and ecosystem collapse, the top 4 most severe risks over the next 10 years are all environmental. The report said the window for action on the most serious long-term threats is closing rapidly and concerted, collective action is needed before risks reach a tipping point. Over the past few years, we have seen an increase in natural calamities – from wildfires and storms to floods and droughts. Since 2008, devastating floods and storms have forced more than 20 million people from their homes each year.

On India's part, every effort at enhanced ambition is being undertaken, which include India's updated NDCs and declaration of net-zero by 2070 and tremendous efforts in domestic climate action with a wide range of initiatives, programmes and schemes by the government. In fact, India is ranked among the top five countries, and the best among the G20 nations, under the global Climate

Change Performance Index. The index is published by German Watch, New Climate Institute and Climate Action Network International based in Germany. The top-5 rank globally reflects that India is implementing energy transition programmes such as renewable capacity installation at much faster rate than anywhere in the world.

For the third consecutive year, India has attained the position of fastest-growing large economy in the world – during the year FY2022-23, India's GDP expanded to 7.1 percent, and it is set to continue on a path of robust and accelerated growth. As India embarks on a dynamic growth era towards 2047, when it completes 100 years as a nation, CII is committed to partnering with Indian industry in achieving its aspirations for growth, while contributing majorly to the global and Indian challenges of inclusive development, competitiveness, sustainability, and globalisation, and building trust with all stakeholders.

Through our Centres of Excellence (CoEs), we have facilitated industry's evolution and progress in the arena of sustainability. And in particular, the CII-ITC Centre of Excellence for sustainable development, while creating a significant repertoire of subject matter knowledge in sustainability has created platforms to dynamically work in the areas of Climate Action, Biodiversity, Clean Air, Plastics, Circular Economy, ESG, and Supply Chain Sustainability, among others, and mobilizes collaborative industry action. The

Centre's multistakeholder platforms help industry identify actionable solutions and build resilience.

With a vision to provide cleaner air and a better quality of life to every Indian citizen by involving industry leaders to take concrete steps to curb air pollution across India, the Cleaner Air Better Life (CABL) initiative, is being led by a dedicated group of industry leaders named India CEO Forum for Clean Air. With 103 CEOs as active members, this platform is galvanizing Indian industry to find lasting solutions to India's deteriorating air quality by- providing collective leadership to industry sub-sectors for emission reductions, enabling peer learning, cross-fertilization of ideas, and pooling of industry resources for high-impact projects and undertaking proactive engagement with government and citizens.

Crop residue burning is a key factor behind peak air pollution episodes across many cities of North India. It also impacts the rural air quality and health of farming communities. The decades old practice of burning, combined with the overuse of inorganic inputs, is severely impacting soil health, leading to lower productivity in the long run.

The Crop Residue Management programme under CABL has so far reached out to 56,322 farmers in 296 villages spread across 12 districts of

Punjab and Haryana. Out of the total 90 thousand hectares intervened in 2021, 83% of the farmland witnessed burning-free sustainable agricultural practices leading to substantial emission mitigation, building farmers' resilience, significant groundwater conservation, sequestration of carbon into the soil and finally, higher productivity with significant savings for farmers practising in-situ rice straw management.

The Climate Action Charter (CCAC) facilitates businesses to lead their sectoral climate actions and showcase best practices to address climate risks and has over 204 signatories from a variety of sectors ranging from hard-to-abate sectors to multi-sector diversified businesses, MSMEs (180) and the services sector.

The Centre has been working on plastics for about 4 years now covering circular economy aspects as well as policy and regulatory issues. As a part of this portfolio, the India Plastics Pact (IPP), with a vision of a world where plastic is valued and does not pollute the environment, is working towards creating a unified national framework for a circular economy for plastics with aligned targets and associated reporting by the plastic businesses in India. The IPP currently has 47 signatories (32 members and 15 supporters) from the plastics value chain.

CESD pioneered the Plastics-use Protocol: Verification and Certification and works with organisations representing different sectors, helping them to be Single-use Plastics (SuP) free within a decided scope and boundary. So far, over 100 sites from sectors like power, renewable energy, ports & logistics, tyres, spices, aluminium, copper, machinery etc. are certified as SuP free.

With its vision to be a key ecosystem player in sustainability, the Centre will expand its portfolio through deeper collaboration and cross-sectoral partnerships. The Centre will continue to forge Indian and global alliances with relevant stakeholders, institutions and organisations, work with a larger number of industry partners to accelerate climate action, mainstream ESG and integrate sustainability into value chains.

I am sure that all stakeholders will gain insights about the Centre's work on sustainability, showcased in this edition of the Annual Report, which chronicles its journey through 2022.

Mr Chandrajit Banerjee

Director General
Confederation of Indian Industry

Highlights



17th Sustainability Summit

116 Speakers

18% International

28% Female Speakers

28 Partner Organisations

350 Participants in person and several others joined virtually



CII -ITC Sustainability Awards

17 years

1131 Businesses applied

375 Recognized

Year 2022

77 Applications

28 Recognitions



7 Companies/ 78 sites

adopted the **Plastic Use Protocol**.

Sensitization/ Awareness training to more than 900 professionals



Training Programmes

42 Programmes

1400 Industry Professionals

5 Key areas of sustainability



Business Delegation at **COP27** met with the Hon'ble Minister, MoEFCC, and Labour & Employment, Government of India, Shri Bhupender Yadav

Discussed the importance of industry efforts on climate action and how it contributes to India's NDCs



Eco Edge, an initiative that intends to help companies manage the risks in an integrated manner by working with their value chains



ESG Intelligence & Analytics Services

helps companies identify key ESG gaps in line with key ESG material issues for the sector to which the company belongs



49 organisations across the plastics value chain are committed to creating a circular plastics economy in **India through the India Plastics Pact**



CII Climate Action Charter (CCAC)

with 204 signatories, helps Indian businesses to map Climate Change as a material risk across value chains and develop long-term actions to build resilience



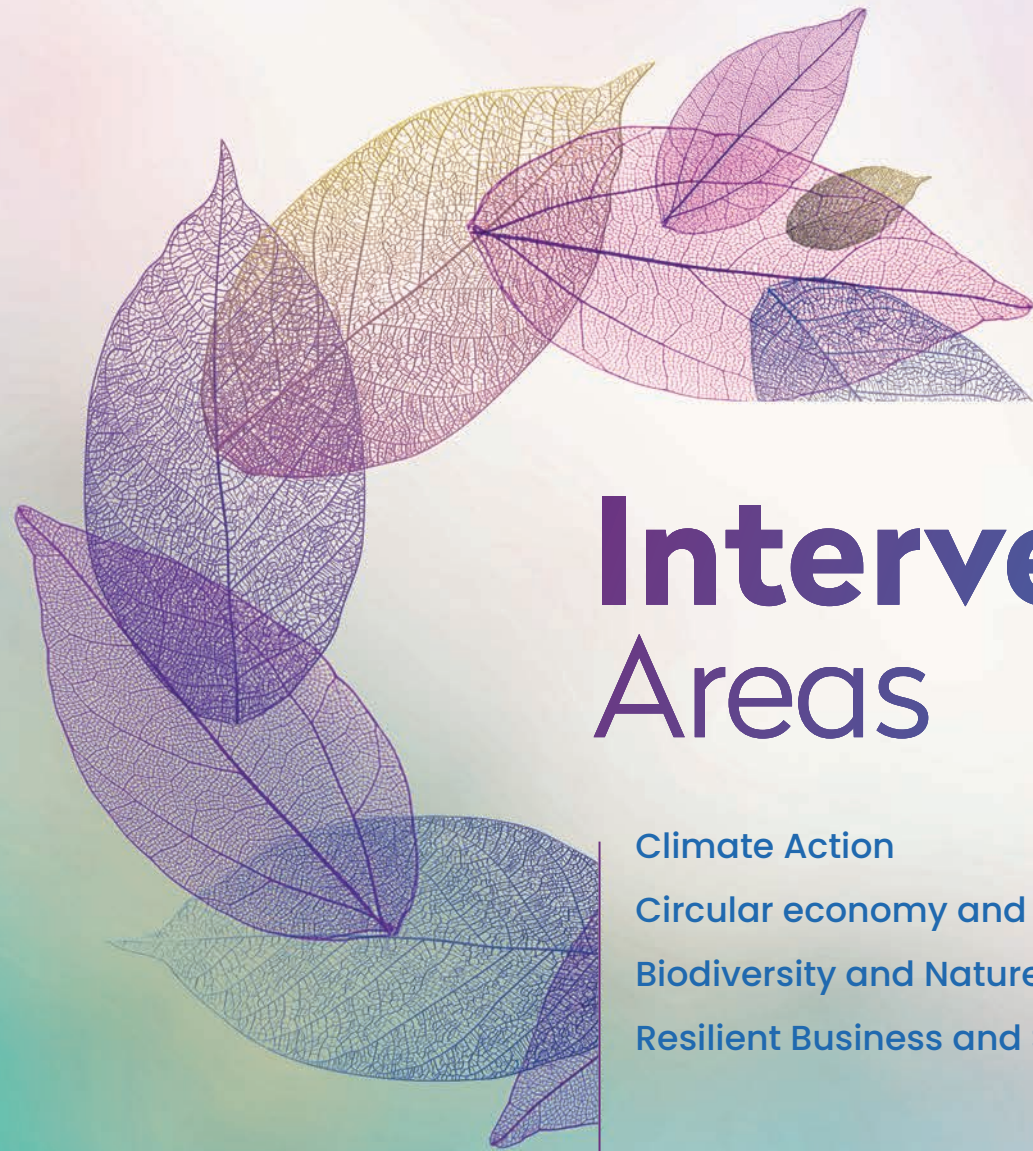
Cleaner Air Better life

India CEO Forum for Clean Air has **102 members**

The '**CII-Clean Air Library**', an online repository featuring private sector innovation for cleaner air

Hosted round-table discussion on "**Aligning Clean Air and Climate Action**" at COP-27

Two podcasts by Forum members on '**The road to sustainable mobility**' and '**Aligning clean air and climate action**' in line with COP27 were released by CII-Podcasts



Intervention Areas

Climate Action

Circular economy and Resource Efficiency

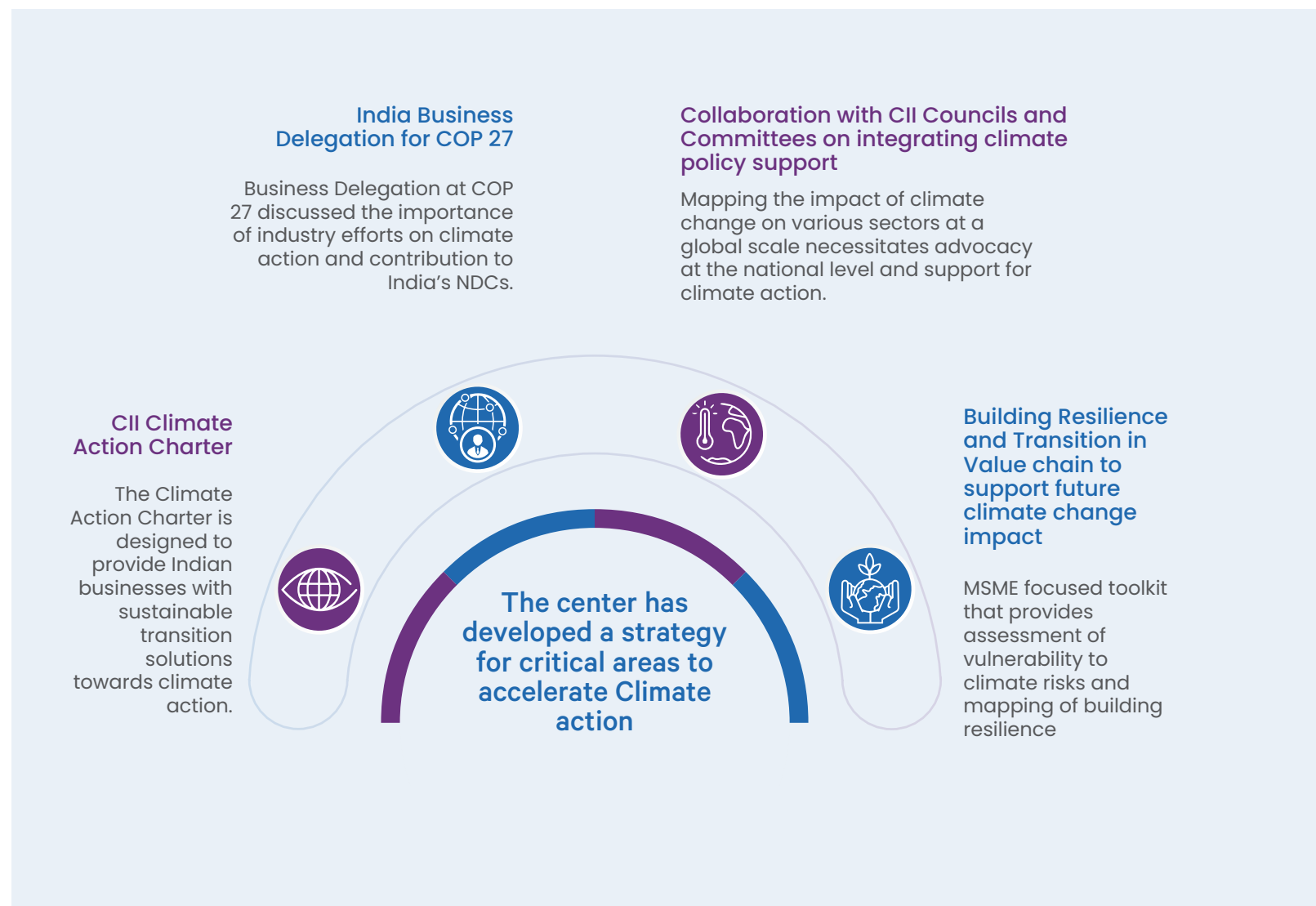
Biodiversity and Nature

Resilient Business and Society

Climate Action

The Centre is engaged in raising the ambition and aspiration of industry on climate action and providing the required assistance and support to actualise transitional goals. Through structured interventions the Centre is constantly geared to mainstream climate action by spreading awareness about the potential risks of climate change; helping businesses adopt new strategies and resilience.

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B20 India

Taskforce on Energy, Climate Change and Resource Efficiency and Action Council on ESG in Business

Under India's G20 presidency, CII has been given the role of the B20 secretariat. The Centre is leading work on framing policy briefs under the Taskforce on Energy, Climate Change and Resource Efficiency and Action Council on ESG in Business. The policy briefs have been finalized through consultations and seeks to place actionable policy recommendations for the consideration of the G20 member nation representatives for consideration and implementation.



Climate Action Councils

CII Net Zero Council 2022-23

The Council chaired by Mr T V Narendran, CEO & MD, Tata Steel Limited is represented by 23 leading Indian businesses. The objective of the Council is to develop a strategy and action plan - that leverages existing frameworks - towards an efficient, expedited, and inclusive Net Zero transition for Indian industry through focus areas like

development of cohesive and integrated industry transition roadmap, through engagement with relevant stakeholders and policy advocacy. Roadmaps to be developed shall seek to consider interlinkages, co-benefits and trade-offs and will look to ensure a just transition.

Following working groups have been constituted as part of the council for the year 2022-23:



Energy and Electricity Systems



Transport Systems



Buildings and Urbanization



Material Efficiency and Circular Economy



Hard-to-abate industries (Iron & Steel, Cement)



New and Emerging technologies (Hydrogen, CCUS, emerging technologies)



Financing Industry Transitions (including Compliance Carbon Markets)



Agriculture, Biodiversity and Nature Loss (including Natural Climate Solutions)

➤ Climate Change Council 2022-23

The Council is chaired by Mr Jamshyd Godrej, Managing Director, and Chairman of Godrej & Boyce. The key objectives of the Climate Change Council are:

- Proactively articulate relevant policy, plan, scheme, guidelines and carry out responsible and impactful advocacy on the relevant issues with concerned stakeholders.
- Develop opportunities for collaboration with relevant organisations/think-act tanks on various climate change issues of concern to industry and organize resources for such activities.
- Capacity building of industry for climate change mitigation and adaptation through workshops, trainings, webinars, one-to-one engagements, hand-holding and recognitions etc.

Following working groups have been constituted as part of the council for the year 2022-23:

- I. Working Group on National Carbon Market
- II. Working Group on Industry inputs towards development of State Action Plans on Climate Change
- III. Working Group on Decarbonization Pathways for Hard-to-Abate Sectors

➤ Summary of major policy actions taken by the council



India's Long-Term Low-Emissions Development Strategy (LT-LEDS)

India released its Long-term Low Emissions and Development Strategies (LTLEDS) at the UN climate conference (COP27) at Sharm El-Shiekh, Egypt on 14th November 2022. The Centre was nominated by MoEFCC as Technical Advisory Unit for Task Force 4 on 'Promote economy-wide decoupling of growth from emissions and development of an efficient, innovative, low-emission industrial system' under the DPIIT as Task Force chair.

The Centre provided key inputs along with various line ministries and stakeholders towards the preparation of the document, which showcases India's efforts and commitment to enhance its mitigation ambitions while ensuring development with equity.

CII @COP-27

- Business Delegation at COP27 met with the Hon'ble Minister, Ministry of Environment, Forests & Climate Change, Government of India, and Labour & Employment – Shri Bhupender Yadav.
- Discussion on the importance of industry efforts on climate action and how it contributes to India's NDCs



L to R – Mr. Arvind Bodhankar, Executive Director- ESG & Chief Risk Officer, Dalmia Bharat Limited, Mr. Jyotin Kutty Sastabhavan, Chief Sustainability Officer Tata Motors, Ms. Seema Arora, Deputy Director General at Confederation of Indian Industry, Shri. Bhupender Yadav, Union Minister of Environment, Forest and Climate Change, Government of India, Mr. Ajit Gupte Ambassador, Embassy of India, Egypt, Ms. Pooja Patwari, Senior Manager, Avadaa Group.

The Centre organized 3 key events:

“Driving Climate Adaptation & Resilience through Nature Conservation” – on the need for businesses, investors, and governments to seek to protect, conserve, and regenerate the natural resources and ecosystems that support our economic growth, food security, health, and climate.

“Aligning Clean Air & Climate Actions” – on clean air solutions such as sustainable land management practices, as a substitute to conventional practice of post-harvest burnings, and how these activities can contribute highly towards meeting the global climate goals.

“Energy Storage – Charging the energy transition for businesses in India” – on why energy storage is critical for India's changing power mix and is central to solving power procurement challenges for C&I sector.

National Communication to UNFCCC

India is a party to United Nation Framework Convention on Climate Change (UNFCCC) and is obligated to prepare and furnish national inventory of Green House Gases (GHGs), in the form of periodic National Communications (NATCOM).

The Ministry of Environment, Forest and Climate Change (MoEFCC), GoI is a focal point to this reporting framework and leads this project. Since the year 2010, CII has been entrusted partner of MoEFCC, as an expert institution for estimating GHG emissions from Industrial Processes and Product Use (IPPU) sector, which covers estimation from Minerals, Chemicals, Metals, other Production and Energy products use sectors, as per (Intergovernmental Panel on Climate Change)IPCC guidelines 2006.

So far, the Centre has provided technical support in this national level exercise in the form of following publications:

India's Second National Communication to UNFCCC– 2012

First Biennial Update Report– 2014

Second Biennial Update Report– 2018

Third Biennial Update Report–2021

This year as the country prepares itself for the preparation of Third National Communication to UNFCCC. The technical team at the Centre has helped in preparing the GHG inventories and related report for the IPPU sector for the Third National Communications and has shared this with the ministry for its consideration.

Circular Economy and Resource Efficiency

The Centre supports governments, businesses, and civil society to integrate circular economy principles into their practices.

Cement sector Resource Efficiency and Climate Change

The Centre completed work on a study that aims to identify greenhouse gas mitigation strategies through Resource Efficiency and Circular Economy across the cement value chain.

The study was jointly carried out by the Centre and the CII-Sohrabji Godrej Green Business Centre with funding from New Venture Fund. The report establishes the baseline for GHG emissions across the cement value chain and identifies emission reduction interventions which are relatively easy to implement and can bring about large benefits.

The study was jointly carried out by the Centre and the CII-Sohrabji Godrej Green Business Centre with funding from New Venture Fund. The report establishes the baseline for GHG emissions across the cement value chain and identifies emission reduction interventions which are relatively easy to implement and can bring about large benefits. While several studies exist which focus on reducing emissions at the manufacturing stage, this report aims to look beyond this stage and also identifies interventions at during the distribution of cement and the design of buildings.

Financial instruments and policy directives incentivizing efficient operations, processes and uses of material have also been identified in the report.

Publication



Greenhouse gas mitigation across the cement value chain

Impact

- Increasing awareness of the principles and practice of circular economy among businesses using a wide range of examples and cases.

European Union Resource Efficiency Initiative



The Centre is a consortium partner in the European Union's Resource Efficiency Initiative along with the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, The Energy and Resource Institute (TERI) and adelphi Consult GmbH. The initiative, whose second phase was initiated in 2021, aims to facilitate partnerships between Indian and European businesses and stakeholders on resource efficiency (RE) in selected sectors.

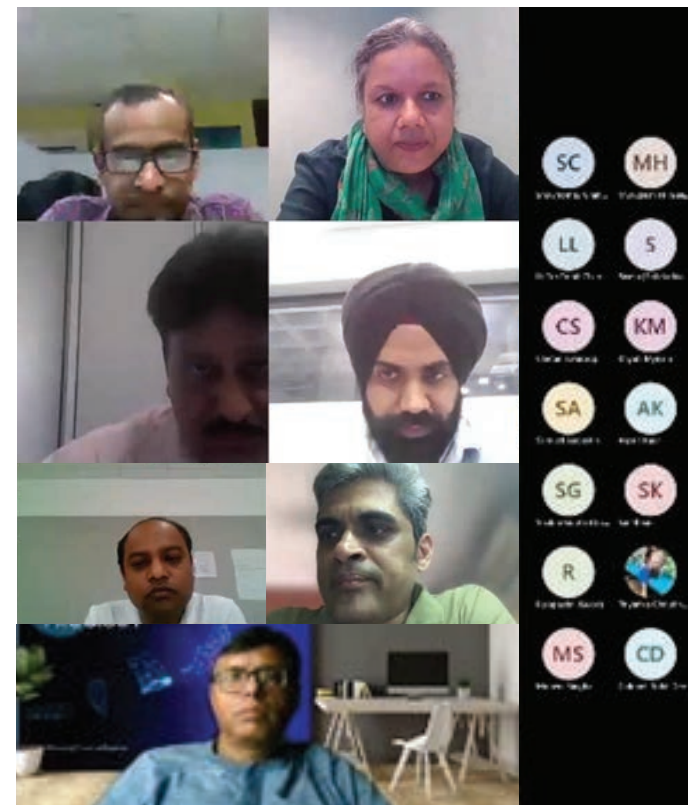
As part of this initiative, the Centre organized a session at CII's 17th Sustainability Summit in 2022. The EU-REI hosted a session, Partnerships and Innovation for India's Circular Economy. The session explored partnerships areas to mainstream circular economy and resource efficiency innovations between India and the EU. The panel consisted of organisations which are contributing to India's circular economy transition with a focus area on nature-based solutions.

We are in process of developing design guidance for non-food grade HDPE rigid packaging.

Circular economy trainings

To acquaint participants with the basic principles of circular economy, training sessions were conducted in April and November 2022. Participants were provided real-life examples of circular business models from the manufacturing and plastics industries.

The trainings were attended by 33 participants from 19 organisations.



Biodiversity and Nature



India Wetland Coalition (IWC)

MoEFCC & the Centre signed Memorandum of Cooperation in May 2022 to establish a work programme on 'wetlands' striving to:

Making businesses aware of wetlands and the role these ecosystems play in making resilient landscapes;

Promoting wetlands conservation and wise use within the portfolio of actions as 'nature-based solutions' for achieving food, water and climate security and biodiversity conservation;

Developing guidance and tools for industries to address their impacts and interdependencies on wetlands; and,

Developing multi-stakeholder partnerships and mobilizing resources for wetlands conservation, wise use and restoration.



Mr. R Mukundan, Chairman CII Environmental Committee & Past Chair IBBI, MD & CEO, Tata Chemicals delivering remarks in Wetlands Workshop at Chennai



Signing of Memorandum of Cooperation between the Centre and the MoEFCC in Wetlands Workshop at Chennai in presence of Shri Bhupender Yadav, Union Minister of Environment, Forest and Climate Change and Shri Ashwini Kumar Choubey, Minister of State for Environment, Forest and Climate Change & Consumer Affairs, Food and Public Distribution, Government of India

The Centre established the India Wetland Coalition (IWC) in September 2022 as a work programme of IBBI. The objective of IWC is to enable business partnerships for Wetlands Conservation, addressing nature loss risk and building resilience to climate change.

Founding Members of IWC



PIROJSHA
GODREJ
FOUNDATION



Resilient Business and Society

Impact Assessment Study Swachhagrah Programme (Consulting Assignment 1)

The impact evaluation study assessed project relevance, inclusivity, management effectiveness and outcomes of the CSR programme. Major project activities include Construction of Household and School Toilets, Pink Room Initiative (Menstrual Hygiene Awareness) and Behaviour Change Awareness Workshops. The programme supplemented the goals of the Swachh Bharat Mission (SBM). School sanitation programme was undertaken to strengthen the Swachh Bharat Swachh Vidyalaya, an offshoot of the Swachh Bharat Mission of the government of India.

Major project activities include Construction of Household and School Toilets, Pink Room Initiative (Menstrual Hygiene Awareness) and Behaviour Change Awareness Workshops.

More than
55,100
beneficiaries impacted under the sanitation programme.

More than
800
behaviour change workshops organised for school children and village community.

86% beneficiaries mentioned that the programme has improved their access to sanitation, safety and reduced water borne diseases in Bharuch, Gujarat.

97%
students started using toilets regularly and their personal hygiene practices have improved substantially in Kota.

Pink Room has broken myths and taboos around menstruation to a great extent, 58% girls started using sanitary pads compared to 20% after project implementation in Kota. The initiative has increased girls' attendance and there is greater awareness about sanitary pad use and disposal.

The project promoted key messages of ODF. This motivated households and communities to adopt and sustain correct hygiene practices. It activated Nigrani Samitis with new responsibilities of monitoring ODF Plus components.



SROI Study for Initiatives (Consulting Assignment 2)

Social Return on Investment (SROI) study was conducted for company's five development initiatives implemented in Farakka block of Murshidabad district of West Bengal. The objective of the study was to understand and measure social value created by Agriculture, Healthcare, Skill Development, Water Resource Management and Women Empowerment Programmes in the Farakka region. The findings and recommendations of this study provided important directions for amendments in project strategy, implementation, and the way forward.



The overall SROI value of five programmes was measured as 9.91. The company invested

Rs 5.92 crore and generated a social value of Rs 58.65 crore for beneficiaries. The SROI value of 9.91 reflects that a one-rupee investment of company brought a social return of approx. ten rupees.

In the Agriculture Programme, **1,634 farmers** made an income of **Rs 18.92** crore from Rabi crops and Rs 54 lakh was earned from Kharif crops cultivation. In the Goat-based Livelihood programme (GBLP), farmers sold a total of 8,829 goats and earned an income of Rs 8.82 crore.

Healthcare Programme has been successful in reducing home deliveries from 45% to 5% in project areas due to the engagement of mid wives and monetary benefits provided under Janani Suraksha Yojana (JSY). The institutional delivery rate was also increased from 55% to 95% due to health awareness, and deployment of Swasthya Sakhis and gynaecological camps in the project villages.

In the Skill Development Programme, a total of 514 youths were trained, out of which 425 youths were placed in various states. Youths got an average salary of **Rs 8,326** per month in 2019, Rs 9,424 per month in 2020 and Rs 8,945 per month in 2021. The placement rate was measured as 82.6% from 2020-2022.

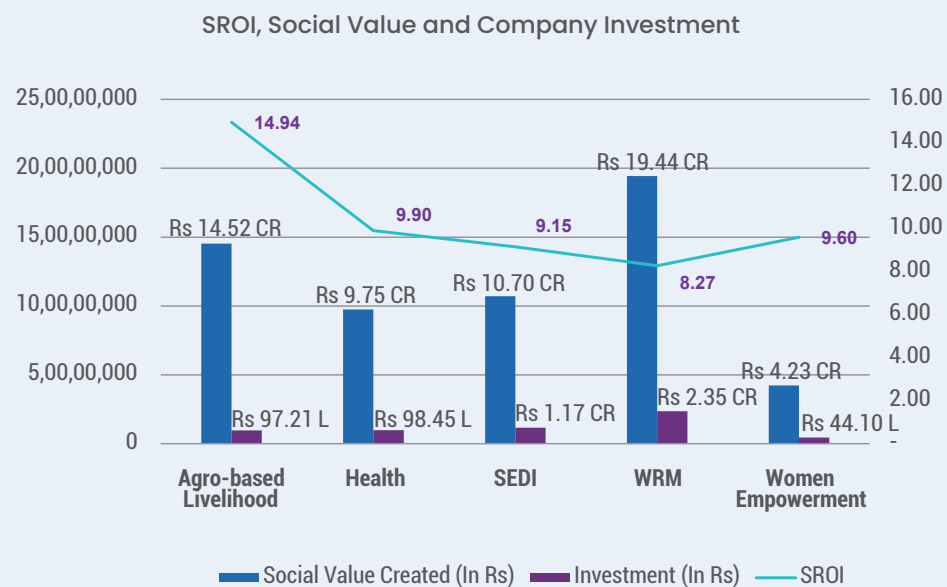
The Water Resource Management Programme increased farmers income from

Rs 50,000 per acre to Rs 1.5 lakh per acre. It also shifted most of the farmers from monocropping to multicropping and reduced migration to nearby cities substantially. Flood irrigation used to give 65-75% water use efficiency before the intervention. The project promoted initiatives such as drip and sprinkler system and yielded 70% and 50% water use efficiency respectively.

In the Women Empowerment Programme, **88 SHGs** were formed and engaged in income generation as well as, inter-lending activities and availed bank loans. SHGs garnered an income of **Rs 5.40** crore from goatry, Rs 15.66 lakh from vegetable cultivation and Rs 14.25 lakh from poultry in the last three years.



	Agriculture	Healthcare	Water Management	SEDI	Women Empowerment
SROI Ratio	14.94	9.90	8.27	9.15	9.60
Investment	97.21 lakh	98.45 lakh	2.35 cr	1.17 cr	44.10 lakh
Social value	14.52 cr	9.75 cr	19.44 cr	10.71 cr	4.23 cr



CSR Compendium – Creating value through partnerships

The Centre brought out CSR compendium on public private partnerships' projects. 16 companies shared their case studies on Education & Skills, Healthcare, Rural Development and Environment Sustainability like thematic areas. It was released by Dr Vinod K Paul, Member, NITI Ayog in 12th CII National CSR Summit. The publication showcases the long-term projects, role of technology and innovation, and building capabilities of partners to create impactful PPP projects.

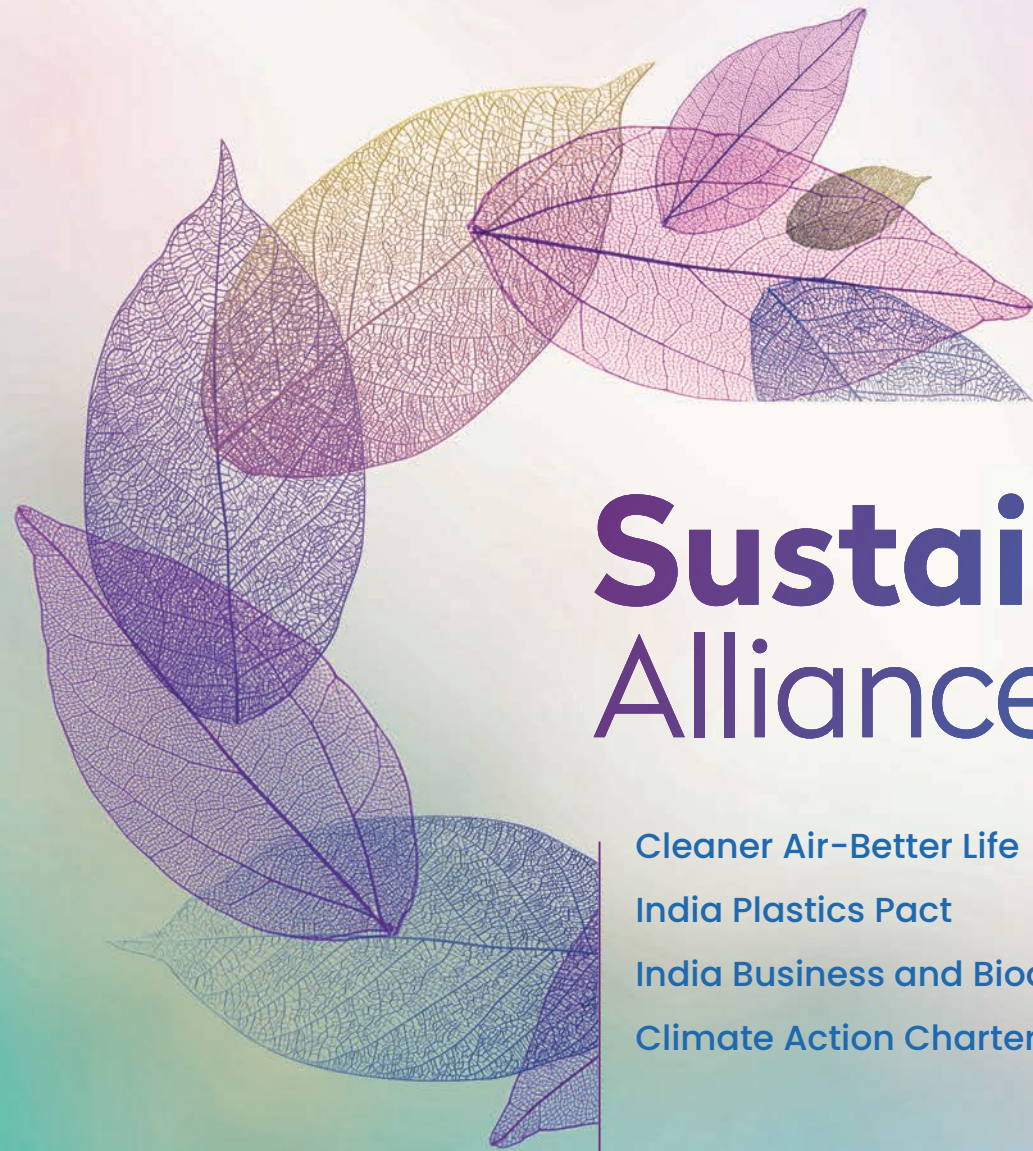
There are several learnings from the case studies of CSR Compendium. For instance, systematic planning and implementation of watershed development projects led to regeneration of natural resources, and helped communities to reap benefits for enhancing livelihoods, especially from the agriculture and allied sectors. There has been a positive impact on biodiversity, with increased green cover in the watershed area. Digital literacy projects focused on low-cost scalable design with maximum output and ensured long-term sustainability through support from multiple partners to share the project's cost over the entire duration. Healthcare projects reduced infant and maternal

mortality by strengthening the capacity of Government frontline workers. This helped to deliver quality home-based care, empowering adolescents as well as tackling critical issues at the community-level related to maternal health and infant mortality.



Public-Private Partnerships (PPP) can be a powerful tool for bringing in private sector expertise with respect to human, financial and technological resources in creation of economic and social infrastructure assets and for the delivery of quality public services. These partnerships in many ways, have led to the development of innovative, scalable, and sustainable projects on a pan India basis.

Linking CSR with local development plans brings in sector specific expertise and increases overall effectiveness and efficiency of the use of resources, from execution to the implementation stage. This helps in creating better impact on the ground, of projects undertaken for communities in the area of operation. There has been a substantial contribution by the private sector in social initiatives especially through PPP since the concept of CSR came into existence. CSR has emerged as a way of collaboration between companies, governments, and civil society.



Sustainable Alliances

Cleaner Air-Better Life

India Plastics Pact

India Business and Biodiversity Initiative

Climate Action Charter



Cleaner Air
Better Life

Cleaner Air–Better Life



India CEO Forum for Clean Air

'India CEO Forum for Clean Air' is a unique initiative and a dedicated platform aiming to galvanize the Indian businesses to find lasting solutions to India's deteriorating air quality by providing collective leadership to Industry sub-sectors.

The Forum was set up by 17 founding members coming together in 2019 and designed a 'Clean Air Declaration' to gain commitments from top business leaders.

Expanded from 75 members in March 2022 to 102 members in December 2022. 27 new members signed up to the 8-point CEO's Voluntary Declaration for Clean Air.



- Series of policy dialogues in Jan 2022 with Parliamentarians' Group at Constitutional Club of India, where Chairman & Co-chairman, Cleaner Air Better Life (CABL) shared inputs to create an enabling ecosystem for clean air.



- Biannual meeting of the 'India CEO Forum for Clean Air' in Feb 2022 was graced by the Hon'ble MP of Kaliabor, Assam and Principal Scientific Advisor, Government of India.



- India CEO Forum for Clean Air' informal interaction over dinner hosted by the Chairman, CABL in March 2022



- CABL supported the Government of India for a brainstorming workshop on the National Air Quality Resource Framework (NAFRI) that took place in June 2022. Dr Pawan Singh, Founding Member, India CEO Forum for Clean Air spoke at inaugural session and emphasised the need for public-industry partnership.



- The 'Clean Air Library' was launched in August 2022 by Chairman, CABL. The Clean Air Library is an online repository featuring private sector innovation for cleaner air and includes case studies of best practices and sustainable business models by businesses across the country.



- Ms Anjali Pandey, Chief Operating Officer, Cummins, India made a presentation on Cleaner Air Better Life: Indore Programme to the Western Region Council in July 2022 and pitched a regional forum of CEOs to support similar projects across Western Region.



- 'Cleaner Air Better Life: Responsible Businesses for Better Quality of Life' session took place in September 2022 at 17th Sustainability Summit. The panel was joined by CABL Chairman, Co-chairman, leaders from Cummins and PFS India. The guest presentation on Product Stewardship to Maximize Sustainable Value was delivered by Prof. Stuart L. Hart, Johnson School of Management, Cornell University which was followed by panel discussion and interaction with the audience.



- Cleaner Air Better Life hosted a round-table discussion on “Aligning Clean Air and Climate Action” at COP-27 in November.



- Two podcasts by Forum members on ‘The road to sustainable mobility’ and ‘Aligning clean air and climate action’ in line with COP27 were released.



Sustainable Transportation

- Energy Systems Catapult (ESC) and Cleaner Air Better Life (CABL)** conducted a joint workshop on the Transition to Electric Vehicles (EVs): Challenges and Opportunities in January 2022.
- The third workshop on Scaling Clean Transportation: Barriers and Emerging solution for EVs in India was organised by the Centre in May 2022. The meeting was joined by 25 delegates in a hybrid mode and discussed the recommended measures for scaling EVs in India with the members. Based on feedback received by the platform members, the technical report was updated and is in the stage of finalisation.



Workshop on Scaling Clean Transportation: Barriers and Emerging solution for EVs in India

- A session on Urban Mobility** on 22nd September at the 17th Sustainability Summit. Mr Vipin Sondhi, Chairman Future Mobility and Battery Storage Committee moderated the session. The session discussed the transition to clean mobility solutions and the key actions which needs to be prioritised by industries and policymakers.



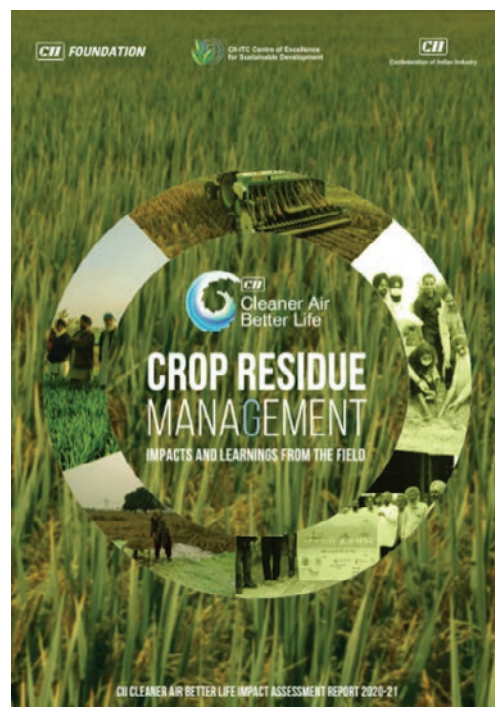
Urban Mobility Session – Ms Shikha Rokadiya, Researcher (Consultant), Mr Sundar Iyer, CEO, SKS Clean Tech integration, Mr Vipin Sondhi, Chairman Future Mobility and Battery Storage Committee, Mr Wybren Van Der Vaart, Cofounder & CEO, BrightBlu and Mr Aryaman Sengar, Chief of Staff & Investor Relations, Revolt Motors

Crop Residue Management

- Programme expansion: The Centre's flagship programme expanded to 300 villages covering almost 3 lakh acres of farmland and 44000 farmers. With almost 80% farmers shifted to sustainable practice of rice straw management.
- Report on 'Impacts & Learnings from Field' released by Mr Ashwath Ram, Co-Chairman National Committee on Environment on International Day of Clean Air for Blue Skies in September 2022.

Crop Residue Management Programme expanded to 300 villages covering almost 3 lakh acres of farmland and 44000 farmers. Almost 80% of farmers shifted to sustainable practice of rice straw management.

- This report captures the past three years of efforts to promote sustainable practices for rice straw management. Quantifying sustainability impact across social, economic, and environmental levers, the report informs a remarkable change – 85% of farmers shifting from burning to sustainable practices across 172 villages and 1,57,924 acres of farmland in Punjab and Haryana.



- Bio-char pilot project rolled out with Earthshot winner 'Takachar' in the Centre intervened area of Rohtak, Haryana: Trials completed with 30 farmers. Trial will capture the capability and acceptability of predominantly biochar-based fertiliser reducing/replacing chemical fertiliser.

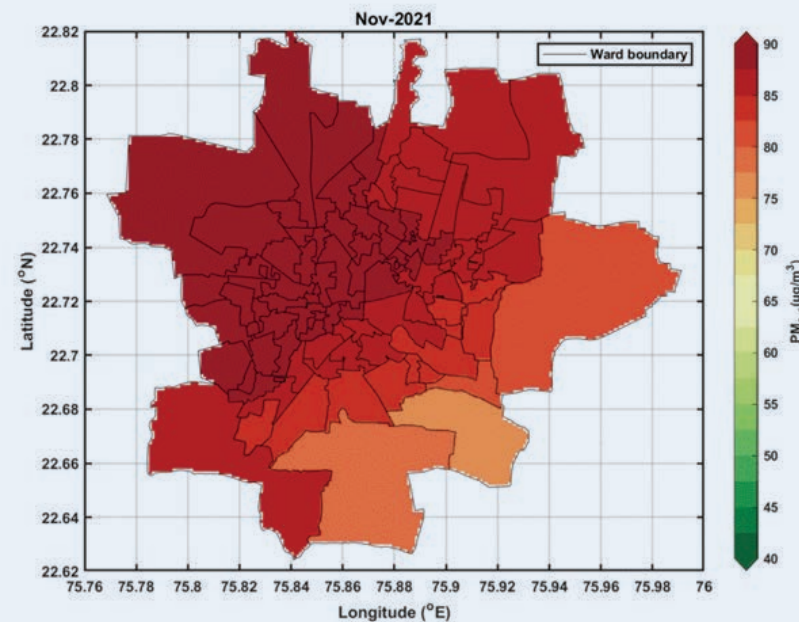


Indore Airshed Management Project

- CABL has signed a one-year Memorandum of Understanding (MoU) with the Indore School of Social Work (ISSW) to support programme activities. A group of 25 dedicated Clean Air Champions have been engaged through ISSW to actively track the Air Quality at the local level by sensors on a daily basis and enhance community engagement and outreach for proactive action for clean air.
- As part of the community engagement programmes, the CABL and ISSW teams involved local stakeholders, including local community members, local leaders, and zonal municipal officers. The programme envisions to develop a comprehensive understanding on local sources and promote collaboration and knowledge sharing among stakeholders for focused action.
- IIT-D partnered in the programme and developed a hybrid Machine Learning model to provide air quality trends and

heatmaps using a network of sensor-based air quality monitors and ML-based model. This unique model provides near real-time insights on local air quality coupled with interventions in wards/zonal level it will provide insights on hotspot identification and local level action.

A group of 25 dedicated Clean Air Champions have been engaged through ISSW to actively track Air Quality at the local level by sensors on a daily basis and enhance community engagement and outreach for proactive action for clean air.



Testimonials



Mr Jyotin Kutty Sastabhavan

Chief Sustainability Officer
Tata Motors



The CII Cleaner Air Better Life initiative is a powerful testament to India's unwavering commitment towards building a greener and cleaner economy. Through their collective efforts, this multi-stakeholder collaborative initiative has created a strong foundation for positive ecosystem change, powered by actionable solutions, scientific evidence, and reliable clean energy for industries. By empowering citizens to drive change and innovation, this initiative has the potential to transform India into a leading innovation hub for clean air solutions, igniting a brighter, cleaner, and healthier future for generations to come.



Dr Srikanth Sola

Co-chairman
CII Karnataka Start-up Panel & CEO Devic Earth



India CEO Forum for Clean Air is a shining example of collaborative actions towards cleaner air and healthier future for all. By bringing together leaders from diverse industries, we are driving change at an unprecedented scale. We need to emphasize more towards airshed based management and impetus needs to be given to clean technologies. I encourage all peer industries to join us in this vital effort to safeguard the air we breathe and secure a sustainable future for generations to come.





India Plastics Pact



In September 2021, the Centre launched the [India Plastics Pact](#) (IPP), a collaborative business-led initiative which aims to tackle the growing plastic pollution crisis in India. This initiative is uniting businesses, NGOs, and citizens to help realize the vision of having a world where plastic is valued and doesn't pollute the environment. The IPP is the first in Asia and joins a global network of 13 Plastics Pacts.

The first IPP Annual Conference was held in September 2022 and the first occasion for all the signatories to meet in person after the Pact's inception

In Year One, the Pact made meaningful progress by

- Developing a clear understanding of the targets and providing clear definitions and guidance documents,
- Establishing a series of Collaborative Action Groups as the locus of engagement and action, and,
- Preparing its [Roadmap to 2030](#) which describes the outcomes and activities key to achieving the ambitious 2030 targets, and provides a clear timeline for action by the signatories.

The first IPP Annual Conference was held in September 2022 and the first occasion for all the signatories to meet in person after the Pact's inception. The event was attended by 47 individuals from across the Pact's membership.

IPP Annual Conference 2022

#IPTurns1



The conference focused on the following:

Inform members about the progress made in Year One,

Inform members about the plan for the second year of the IPP and,

Inspire members to take action on the ground.

The Pact's Secretariat regularly goes on field visits to get first-hand information on challenges and innovations in plastic waste management. The team visited the facilities of some of the signatories of the Pact in Hyderabad, Bangalore, and Delhi to get a better look at plastic waste management in these cities. The plastic waste aggregation and sorting sites, and recycling plants, and the insights gained from interacting with the people running these sites help shape the Pact's work.

Roadmap to 2030

In August 2022, the Secretariat launched the Roadmap to 2030, the Pact's guiding document which clearly outlines the key activities and outcomes to be achieved by the Pact's signatories and the wider plastics value chain in India to achieve the 2030 targets. The Roadmap was developed in consultation with the signatories of the Pact, including brands, converters, recyclers, NGOs and waste management organisations.



INNOVATION AND INSPIRATION



Progress towards Targets

Targets by 2030	
<p>1.</p> <p>Define a list of unnecessary or problematic plastic packaging items and take measures to address them through redesign and innovation</p>	<p>2.</p> <p>100% of plastic packaging to be reusable, recyclable or compostable</p>
<p>3.</p> <p>50% 50% of plastic packaging to be effectively recycled</p>	<p>4.</p> <p>25% 25% average recycled content across all plastic packaging</p>

Some of the Pact's major activities are mentioned below:

- Members of Collaborative Action Group 1 deliberated, agreed and released the '[IPP Ambition List](#)'. A document outlining the process followed to arrive at the list of 'unnecessary or problematic plastic packaging items' was developed. IPP Members and Supporters will work collaboratively to address these items through elimination, redesign, and innovation. The list was published in January 2023 and goes beyond the items mentioned in Government of India's [single-use plastic ban](#).
- Collaborative Action Group 2 with a focus on Target 2 defined the term 'recyclable packaging', which will be used to assess whether packaging placed on the market by Members is practically recyclable. To guide businesses in developing packaging that is more recycling-friendly, the Pact is developing a series of design guides, with the first for food contact grade [PET bottles](#) published in November 2022. Similar guides for

rigid packaging and non-food grade HDPE rigids are being developed (to be published during the first quarter of 2023).

- Collaborative Action Group 3 with a focus on Target 3 is working to improve recycling rates in India. Members of the CAG worked together to identify priority areas for action and Sprint Groups were formed to focus on two areas: informal waste sector engagement and citizen awareness. Publications in the last year include a project management toolkit for inclusion of the informal plastic waste recycling sector and an insights report on the landscape of small format and sachet packaging consumption. A landscape assessment of plastic recycling in India and an insights report on the informal waste sector are underway.
- Collaborative Action Group 4 with the focus on Target 4 defined 'recycled content' and finalized the structure for the quick wins document which lists plastic packaging items where recycled content can be easily added.

Data Reporting

Data reporting is crucial to measuring progress against the targets of the IPP: The Year One report will be published in the first quarter of 2023.

Webinars

Regular webinars are conducted to help signatories build a common understanding of challenges and opportunities in creating a circular economy for plastic packaging.

The webinars conducted in 2022 include:

[Understanding the role of biodegradability and composability in managing plastic waste](#)

[India Plastics Pact: Six Months of Action](#)

[Recycled PET in food-contact packaging](#)

Communications and outreach

Videos highlighting the plastic waste management challenges in India and the work of the Pact to address these play a key role in the Pact's outreach. The following three videos were launched in 2022:

[IPR& EPR: Jointly solving the plastic crisis](#)



[Voices from the waste: Plastic waste management by the informal waste sector](#)



[India Plastics Pact: Testimonials from the growing network](#)



A [LinkedIn page](#) of the India Plastics Pact was set up to increase outreach.

Impact

Qualitative and Quantitative

- Creation of a platform for stakeholders across value chain to collaborate on putting in place a circular economy for plastic packaging. India's FMCG industry is well represented, and an action-oriented plan has been drawn up and initiated.
- Making design guidances, landscape assessments and insights reports on topics such as recycling, the informal waste sector, available in the public domain. Best practices have been documented and propagated using social media.

Testimonials



Mr Anurag Priyadarshi

Deputy General Manager, Community Services
TATA Sustainability Group



We can say very proudly, specially all the members, we have come together, we have had several good discussions, we have taken some very important steps through the Collaborative Action Groups. We are moving on the targets, looking at various projects and bringing out funding partners. A very important role played by CII, WWF and WRAP: we get phenomenal support from them.



Ms Geetanjali Vats

Global Plastics Sustainability Lead – Asia and ANZ
Hindustan Unilever



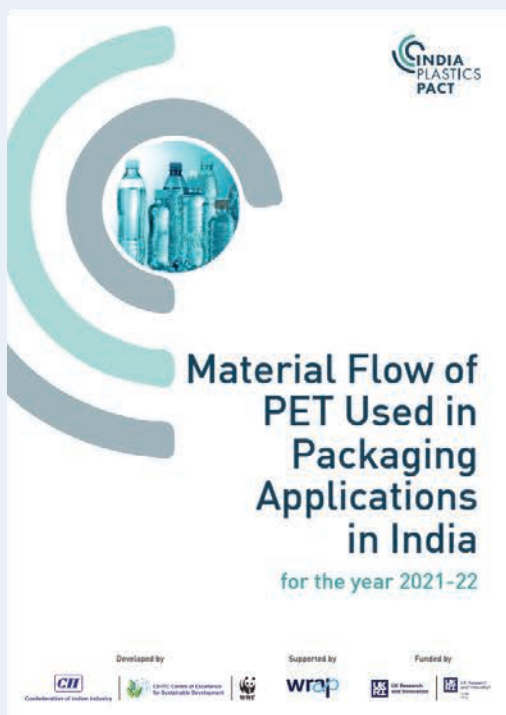
We believe the India Plastics Pact is a natural extension of our plastic commitments at Hindustan Unilever. We have been the founding members of the India Plastics Pact, and this has also helped us internally to channelize all the targets and work towards it through the various Collaborative Action Groups that we have at the India Plastics Pact.



Publications



Roadmap to 2030



Material Flow of PET Used in Packaging Applications in India for the year 2021-22



Food grade rPET in India: Business opportunities



Design guidance recommendations for food contact grade PET bottles



Insights Report on Small Formats and Sachets

IPP Partner Organisations

Developed by



Supported by



IPP Members and Supporters



Partly funded by





India Business & Biodiversity Initiative



India Business & Biodiversity Initiative (IBBI) in 2022

55 Businesses are signatories to the initiative and 13 stakeholder organisations from various institutions and development organisations are members of IBBI

Business members contribute to around 5% of India's GDP

50% of the members have developed measurable targets on sustainable management of nature

Global standards of nature related disclosures



Taskforce on Nature-related Financial Disclosures

TNFD (Taskforce on Nature-related Financial Disclosures) was established in June 2021 with a mission "to develop and deliver a risk management and disclosure framework for organisations to report and act on evolving nature related risks, which aims to support a shift in global financial flows away from nature negative outcomes and toward nature positive outcomes". The TNFD is currently in the design and development phase of the disclosure framework for nature-related risks and opportunities with market participants. The Taskforce is following an open innovation approach and will release several beta versions in the lead up to the delivery of the final version in September 2023.

TNFD has identified an initial set of six countries to develop the Consultation Groups and in India the group is hosted as a work programme of India Business & Biodiversity Initiative (IBBI).

The Centre is establishing "IBBI National Consultation Group on TNFD Framework" with a purpose to build awareness of the TNFD's work and expand the number of institutions contributing feedback on the beta version of the framework, including through pilot testing. The Consultation Group will also play a valuable role in scaling market adoption of the TNFD Framework once the final framework will be released in September 2023.

Action Plan of the Consultation Group

- Provide Business members' inputs on the Draft TNFD Framework
- Pilot the TNFD Framework with Indian Businesses and share learnings with TNFD to finalise the framework
- Develop a guidance document for Indian Businesses on Nature-related Disclosures after launch of the final TNFD Framework in Sep 2023

Testimonials



Mr Rajiv Ranjan Mishra

Member IBBI and
Managing Director
Apraava Energy Private Limited



In India, the energy sector is critical for sustaining economic development and has multiple linkages with biodiversity and ecosystem services. A wide range of stakeholders, including the government and investors, are increasingly acknowledging the company's management of biodiversity impacts in its operations. The India Business & Biodiversity Initiative (IBBI) has been playing an important role in supporting businesses in integrating the biodiversity value into business decision making through various tools and monitoring mechanisms. Apraava Energy undertook the biodiversity assessment based on IBBI methodology for our thermal power project and developed an action plan to manage biodiversity within project boundaries. The action plan on biodiversity has helped in driving measurable actions towards conservation of native biodiversity and minimising the impact of operations on biodiversity as well as the broader ecosystem. Going forward Apraava Energy intends to conduct a biodiversity assessment of its renewable and transmission assets and develop a business-wide biodiversity strategy.



IBBI Members

Business Signatories



Stakeholders





CII Climate Action Charter



The CII Climate Action Charter (CCAC) was launched in September 2022, at the 17th Sustainability Summit.

Under the Charter, development of climate action plan at the industrial cluster level has been initiated in the states of Tamil Nadu, Madhya Pradesh, and Rajasthan. This initiative focuses on implementing the CCAC toolkit for industrial clusters such as engineering, textiles, auto component manufacturers, food processing, recyclers, and mining industries. Outputs of the toolkit will inform the development of a climate action plan at the cluster level that will help MSMEs in addressing climate-related risks to their businesses. 150+ industries are being targeted as a part of the initiative.

The Charter has 204 signatories from a variety of sectors ranging from hard-to-abate sectors (cement, steel, and metals & mining), multi-sector diversified businesses, MSMEs (tanning, textiles, consultancies) and service sectors (IT and ITeS).

State level initiative awareness was held in Indore (Palda Cluster, Polo Ground Cluster, Sanwer Road Cluster) in January 2023 and two CCAC awareness workshops were conducted in Jaipur (Bagru Industrial Cluster and Sitapura Industrial Cluster) in January and February 2023 respectively, where 80 MSMEs stated their interest and committed to join the Climate Action Charter. The sessions discussed opportunities, gaps and challenges faced by the MSME clusters with respect to sustainability and climate change. The importance of developing capacity for reporting on Scope 1 and Scope 2 was explained to the participants.

MSMEs are particularly at risk from the impacts of climate change since they typically operate at the margins and rely primarily on natural resources that are susceptible to those effects. Some intriguing findings from the in-depth analysis of the MSME clusters in Rajasthan (Sitapura and Bagru in Jaipur), Tamil Nadu (Tiruppur and Coimbatore), and Madhya Pradesh (Sanwer Road, Palda, and Pologround in Indore) are described in detail below:

➤ Insights

- Due to limited information access, it was found that these MSME clusters are unaware of the issues caused by climate change and how to alleviate them. The clusters' industrial processes produce a significant amount of greenhouse gases (GHG). The majority of sectors in these clusters do not actively seek to mitigate the impacts of climate change, and also lack the necessary technological infrastructure.
- There aren't many regulations, plans, or strategies in place for these clusters to handle threats that climate change poses. Only a small number of businesses keep track of their GHG emissions inventories. Additionally, only a small portion of the sectors within the clusters have committed to achieving Net Zero emissions.
- A lack of awareness of regional, national, and international efforts to mitigate climate change was observed. Only a small number of industries in the clusters have embraced current practices, programmes, or initiatives to manage climate risk. These clusters do not contribute to regional or national efforts to fight climate change.
- Renewable energy is used by a tiny percentage of the industries in these clusters. An informal system dominates both the supply and demand sides of travel. The general industrial population is not well-versed in energy-efficient industrial motors.

Climate Action Awareness Sessions

7 States

10 Clusters

15 Sessions



MSME toolkit implementation for Industrial Clusters in Indore



MSME toolkit implementation for Industrial Clusters in Kolkata



MSME toolkit implementation for Industrial Clusters in Tirupur



MSME toolkit implementation for Industrial Clusters in Jaipur



MSME toolkit implementation for Industrial Clusters in Coimbatore



Testimonials



Mr Chandrasekhar Nandigama

Director
Jivoule Biofuels



As individuals, businesses, and society as a whole, we need to ask ourselves – what can I do to fulfil my actions, my responsibilities and my accountability, so that I don't pollute the environment? What changes do we need to fulfill now to protect the climate and future generations by mitigating or even eliminating carbon emissions completely? The CII Climate Action Charter (CCAC) aids businesses in understanding and answering these very questions. Using the unique CCAC maturity model, the charter will facilitate businesses by mapping the preparedness for climate change risk management and support them in developing short and long-term measurable climate targets, measuring vulnerability in the supply chain, and reporting on the progress made. This is the need of the hour, and we are proud to be signatories of the charter.



Mr Pavankumar Rajkumar Prasad

Director
Storopack India Private Limited



Sustainability is a very important part of our mission statement. We have made a commitment on our next 5year goal that by 2025, we will be utilizing at least 50% raw material from either recycled products or entirely from renewable resources. We are conscious of our responsibilities to our employees, as well as to the environment and society. It was for this reason that we are very proud to join the CII Climate Action Charter to further our commitment towards the climate. We look forward to working together with the Centre and the signatories to drive the industry towards acknowledging common but differentiated responsibilities, understating the mutual complementarities, and identifying the levers of action in accelerating towards a sustainable and low carbon transition.





Sustainable Brands

Sustainability Awards

Sustainability Summit

ESG Intelligence & Analytics Services

Eco Edge

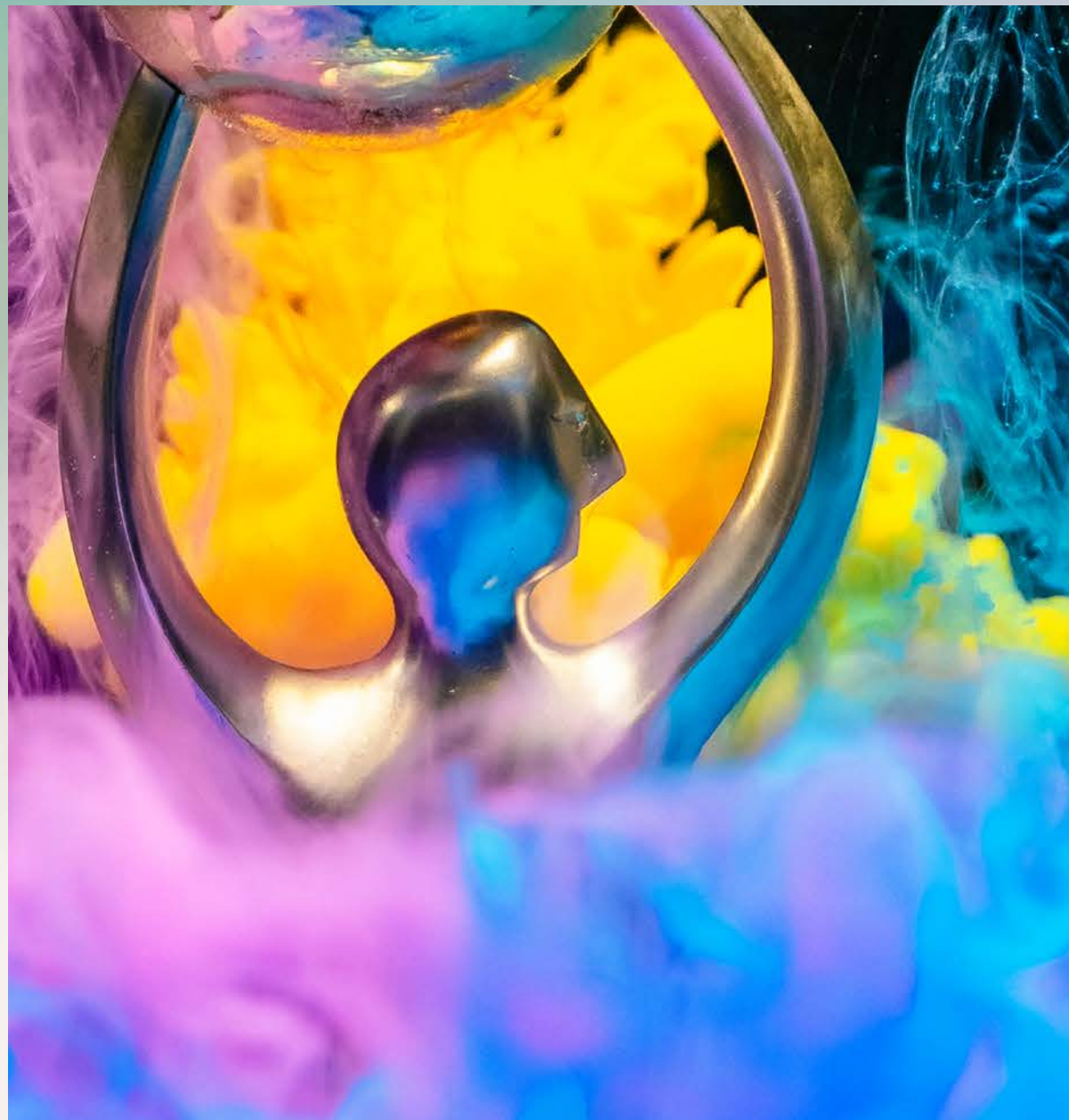
Climate Action Programme 2.0°



17th CII-ITC
SUSTAINABILITY
AWARDS
2022

Excellence in Sustainable Business

Sustainability Awards



Instituted in 2006, the CII-ITC Sustainability Awards recognize and reward excellence in businesses that are going the distance to embed sustainable practices in their operations. Winners of the Awards are role models that inspire others to follow suit. The Awards are a part of the continued efforts of CESD to create awareness on sustainability practices and to create capacities in business. More than recognition, the Awards measure performance and provide detailed feedback for opportunities to excel.

CII-ITC Sustainability Awards define the science of sustainability performance. Excellence in sustainability is a journey of continuous improvement in processes and results. In the past 17 years, cumulatively, 1131 businesses have applied, of which 375 have been recognized. Limited number of applications are accepted to maintain strong competition and high standards of excellence.

"In the past 17 years, cumulatively, 1131 businesses applied and 375 recognized. Limited number of applications accepted to maintain strong competition and high standards of excellence."

Methodology

USP of the Awards: CII-ITC Sustainability Awards are the only third-party assured Awards in terms of technology, governance, methodology and process. Uniquely based on EFQM Excellence Framework, the Awards are designed for those who strive effortlessly to make sustainability their business. Companies can apply for the Corporate Excellence category or domain category (Environment Management, Biodiversity, Corporate Social Responsibility).

Each year, the participating companies undergo a rigorous evaluation process that includes preliminary screening, desk analysis and on-site assessment by a team of CII-certified sustainability assessors, who spent approximately 1,000 man-hours per application over a period of six months. The process is validated and supported by a pre-eminent jury which meets after each stage, to ascertain the qualification of the companies to the next round. This uniquely credible Award celebrates the exemplary contribution of businesses in scaling up sustainable practices.

Awards Ceremony

Winners are recognised at a presentation Ceremony. The ceremony not only recognises the participant companies but also, the assessors who diligently participate and contribute their expertise, throughout the Awards cycle. The ceremony is attended by some of the most illustrious and distinguished Jury, CEOs, and Assessors who come to receive the Awards under various categories. This year too, the Awards ceremony was conducted virtually.

"Ceremony attended by some of the most illustrious and distinguished Jury, CEOs, and Assessors who come to receive Awards under various categories."



Outcomes

Winners Booklet

Winners Booklet, demonstrates the systems and practices embedded in the functions of the winner companies. By providing a brief on each winner company, it compiles the practices which led to their recognition, highlighting the innovations introduced and benefits derived.

Awards Yearbook

Yearbook is released to illustrate the best practices indifferent domains, to be circulated and adopted across the industry. It maps on the overall performance of the companies in various aspects and attributes and demonstrates the recommended processes and practices from all the companies, winners and non-winners, to be adopted for improvement.

Feedback Report

Detailed Feedback report is provided to each company that applies for Awards. It is handed out in two phases: after desk assessment to the disqualified and after site assessment to both winners and non-winners. The feedback report highlights the strengths and the opportunities to excel based on the assessment conducted by the CII-certified Sustainability Assessors. These reports help the company to improve the sustainability performance year-on-year.

Sustainability Summit



Sustainability Summit, the annual flagship event, was launched in 2006 to raise the bar of dialogue, practice, and performance of sustainable business. Since its inception, the Sustainability Summit has become the melting pot of thought and action leaders particularly from business and governments in the country. The Summit brings businesses, governments, and civil society (thinkers and practitioners) together to convert deliberations into action and is considered as a valued sustainability event across the world. It has provided a platform to forge partnerships to competitiveness and strategies to inclusive growth, by over 6000 participants and 816 thought-and-action leaders.

The Summit brings businesses, governments, and civil society (thinkers and practitioners) together to convert deliberations into action and is considered as a valued sustainability event across the world.

The 17th Sustainability Summit, with the theme Building a Sustainable Tomorrow:

Transforming Risks into Opportunities was organized in September 2022 at the Le Meridien, New Delhi to bring to fore global ideas and thought leadership that will inspire action at the local level to drive sustainability transition. The two days of Summit deliberated on innovative approaches for businesses, governments, and institutions in addressing risks and opportunities in an integrated way that will build the foundation for a sustainable tomorrow.

The Summit was organized in a hybrid mode witnessing approximately 350 participants in person and several others joining virtually. The congregation comprised 1 national and 1 international (recorded) Minister along with 116 speakers from diverse sectors, out of which 28% were female speakers and 18% were global speakers. The Summit was organized with the support of 28 partner organisations.



L to R: Ms Seema Arora, Deputy Director General, Confederation of Indian Industry, Mr Sanjiv Puri, Vice President, Confederation of Indian Industry, and Chairman, Advisory Council, CII-ITC Centre of Excellence for Sustainable Development and Chairman & Managing Director, ITC Limited, Shri Ashwini Kumar Choubey, Minister of State for Environment, Forest and Climate Change & Consumer Affairs, Food and Public Distribution, Government of India, Shri Sudhanshu Pandey, Secretary, Department of Food and Public Distribution, Ministry of Consumer Affairs, Food and Public Distribution, Government of India



Shri Ashwini Kumar Choubey, Minister of State for Environment, Forest and Climate Change & Consumer Affairs, Food and Public Distribution, Government of India



Shri Sudhanshu Pandey, Secretary, Department of Food and Public Distribution, Ministry of Consumer Affairs, Food and Public Distribution, Government of India



L to R: H. E. Freddy Svane, Ambassador, Royal Danish Embassy, New Delhi; Ms Seema Arora, Deputy Director General, Confederation of Indian Industry; H.E. Ritva Koukku-Ronde, Ambassador, Embassy of Finland, New Delhi; Mr C.K. Mishra, Former Secretary, Ministry of Environment, Forest & Climate Change, Government of India

Five initiatives were launched by the CII-ITC Centre of Excellence for Sustainable Development (CESD) at the Summit:



As a run up & beyond the 17th Sustainability Summit, the Centre organized the following webinars and virtual sessions:

Climate Action: Focus on Good Climate Adaptation Practices

The webinar on Climate Action: Focus on Good Climate Adaptation Practices was organized in April from 1500-1630 hrs (IST) to celebrate Earth Day. The webinar focused on how industries are incorporating and implementing climate change adaptation measures. It also shared the experience and highlighted benefits of building effective adaptation solutions and collaborations required for a climate resilient future. There were 1 global speaker and 4 national speakers.



26%

The number of delegates was 97, out of which 26% are female delegates.

Sustainability Track at CII Business Summit

The Sustainability track at the Annual CII Business Summit was organized in May 2022. The track brought to fore two key areas for deliberations: Decarbonization and Circular Economy. The sessions organized under Sustainability track were:

- **Towards Decarbonization: Achieving Net Zero**

The track on Towards Decarbonization: Achieving Net Zero was organized in May 2022. The session explored the steps and solutions to achieving a zero-carbon future and the role of businesses and industry in this mission. The track has 2 global speakers and 3 national speakers.

- **Circularity: The Imperative for the Future**

The track Circularity: The Imperative for the Future was organised in May 2022. The track focused on embracing circularity as a key to our sustainable future. There was one global speaker and 3 national speakers.

Innovations and Steps towards Decarbonization in India

The webinar on Innovations and Steps towards Decarbonization in India was organized in June 2022. The webinar celebrated the World Environment Day and focused on the innovative decarbonisation strategies to achieve net zero targets. There were five speakers in the session.



31%

The number of delegates were 134, out of which 31% were female delegates.

Unlocking the Potential of Nature-based Solutions

The webinar on Unlocking the Potential of Nature-based Solutions was organised in July. This webinar celebrates the Van Mahotsav (Forest Festival) spreading the importance of nature. The session highlighted how businesses with the help of nature-based solutions reverse nature loss and restore vital natural systems on which their economic activity depends.



28%

The number of delegates were 107, out of which 28% were female participants.

Promoting Sustainable Lifestyle

The webinar on Unlocking the Promoting Sustainable Lifestyle was organised in August 2022. At COP26, the Prime Minister of India presented the foundation of 'One World' embracing Lifestyle for Environment (LiFE). Consumers are key to driving responsible consumption through sustainable lifestyle choices. The session explored how sustainable consumption and production patterns can create opportunities that will propagate Lifestyle for the Environment.



27%

The number of delegates were 100, out of which 27% were female participants.

Water Security: Risk and Opportunities

The webinar on Water Security: Risk and Opportunities was organised in August. Water is at the core of sustainable development and is critical for socio-economic development and healthy ecosystems. The webinar focused on integration of water risk into corporate strategies, developing opportunities to improve water resource management and collective action required to ensure water security for all.



14%

The number of delegates were 62, out of which 14% were female participants.

Virtual Session on Corporates & Start-ups: Building for Sustainable Future

The session on Corporates & Start-ups: Building for Sustainable Future was organised in November. The session was organized as a part of ICONN, which was conceptualized last year with the aim of Corporate – Start-up cooperation to flourish. The session focused on the importance of collaboration between

corporates and start-ups to accelerate the transition towards Sustainability. It further highlighted the journey and experience of such businesses who have supported start-ups and are embracing sustainability in a meaningful way.

The session was attended by 110 participants.

Dignitaries' Speak



Shri Ashwini Kumar Choubey

Minister of State for Environment
Forest and Climate Change &
Consumer Affairs
Food and Public Distribution
Government of India



*With industry support, by 2030,
– India can achieve 500GW
renewable energy capacity
and domestically manufacture
5MT of green hydrogen.*



**H. E. Mariam bint Mohammed
Saeed Hareb Almheiri**

Minister of Climate Change and
Environment, UAE



*This Summit has the testaments to
the interests of Indian industrial
companies in adopting sustainable
practices. And we are keen to
exchange knowledge and
experience with you in this domain
so that together, we can fast track
our respective journeys towards
climate neutrality.*



Shri Sudhanshu Pandey

Secretary, Department of Food and
Public Distribution, Ministry of Consumer Affairs
Food and Public Distribution
Government of India



*Climate change is no
longer an academic issue,
and all stakeholders need
to work together to deal
with an issue that threatens
the existence of the planet.*





H.E. Cecilia Ekholm

Ambassador for
Sustainable Businesses
Ministry of Foreign Affairs
Sweden



Business & Human Rights are integral to each other for us. Swedish companies & partners identify & manage risks to ensure application of UNGPs. In 2016, we were the first country to provide support to other countries on this. For 20 years, we have had an Ambassador for Sustainability in Sweden. We were the 6th country to adopt the UNGP framework.



H. E. Freddy Svane

Ambassador
Royal Danish Embassy



Denmark is a small country with less global impact, but we are joining the dots. Our green strategic partnership with India combines the scale of India and capability to scale solutions with skills of Denmark to reach the last mile.



H.E. Ritva Koukku-Ronde

Ambassador
Embassy of Finland



Finnish companies have worked hard over the decades to become sustainable. Finland will reach carbon neutrality by 2035. We are happy to collaborate with India to create a larger impact, and create a cleaner future with India.



Shri Dinesh Dayanand Jagdale

Joint Secretary
Ministry of New and Renewable Energy
Government of India



Green hydrogen will play an important role to enable us to hasten decarbonization. The Green Hydrogen Mission that the Honourable PM has announced has a larger say in India's renewable energy growth story.



Partners



Ministry of Environment, Forest
and Climate Change



MINISTRY OF
FOREIGN AFFAIRS
OF DENMARK
The Trade Council



 Team Sweden

Platinum Partners



accenture

ExxonMobil

THE BEST RUN



novozymes 

**FINCHAM
INDIA**

Gold Partners



NFCG National Foundation for
Corporate Governance



Silver Partners

GRUNDFOS 



TATA STEEL
WeAlsoMakeTomorrow



Mondelēz
International
SNACKING MADE RIGHT



Bronze Partners



ESG Intelligence & Analytics Services



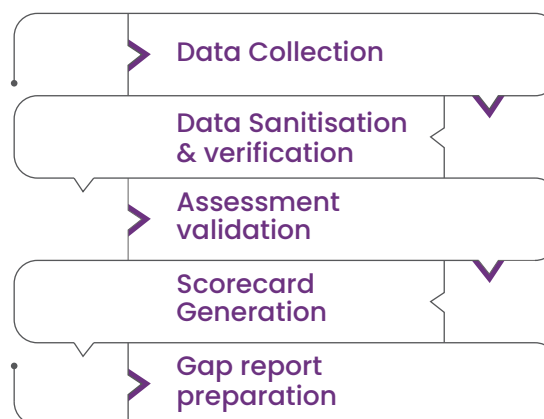
The Centre launched ESG Intelligence & Analytics Services at the 17th Sustainability Summit, organized in New Delhi. The objective of these services is to help companies identify key ESG gaps in line with key ESG material issues for the sector to which the company belongs to. The identified gaps can be around Leadership, processes, key resource deployment, engagements with stakeholders and or results of a company. This helps companies take strategic actions to close the gaps. These services are part of the continued efforts of the Centre to increase the adoption of sustainable business practices by the Indian Industry.

The identified gaps can be around Leadership, processes, key resource deployment, engagements with stakeholders and or results of a company.

Methodology

ESG Intelligence & Analytics services offer evaluation of the company performance on each of the three dimensions of ESG: Environment, Social and Governance. These dimensions are subdivided into a total of 13 aspects, each of which is further represented by a selected set of parameters. These parameters are aligned with the national and global standards like BRSR, GRI, TCFD, TNFD, DJSI, etc. Further, scoring methodology for these parameters has been developed using national and global benchmarks.

The entire evaluation process is hosted on SaaS based tools which follows the steps:



Outcomes



Scorecard

The scorecard consists of the total score, score at dimension level and score at aspect level. This gives a clear picture of the aspects that pose a higher risk to the organisation.



Gap Report

This report provides a detailed gap analysis of the company's performance on the ESG parameters, covering the strength, the weaknesses, and the opportunities of improvement.

Portfolio

The portfolio of ESG intelligence & analytics includes two services that follow the same basic methodology and same outcome reports, as described above. However, they differ from each other in terms of target companies, data collection methodology, depth of analysis and details in gap report.

1. **ESG Assessments**, which is a detailed evaluation of the ESG performance of companies and is more suitable for companies that have reached a certain level of maturity in ESG reporting.
2. **ESG Diagnostics**, which is a leaner version of the ESG assessments developed for companies that are starting with their ESG journey.

ESG Assessments

- 180–200 parameters for evaluation
- Data collection process includes
 1. Secondary research
 2. Information request from companies for parameters where no information could be found
- Includes evaluation on generic as well as sector specific parameters
- Outcome report provides a detailed gap analysis on all aspects, covering the strength, the weaknesses and the opportunities of improvement

ESG Diagnostics

- 75 parameters for evaluation
- Data is directly provided by the company
- Includes parameters that constitute generic ESG framework
- Outcome report provides gap analysis on the material aspects, covering the strength, the weaknesses and the opportunities of improvement



Integrating Sustainability in Value Chains of Companies

Eco Edge





Integrating Sustainability in Value Chains of Companies

Eco Edge: Integrating Sustainability in Value Chains of Companies

Introduction

Integration of sustainability across value chains to build resilience is the need of the hour. Value chains which also include SMEs have massive environmental and social footprint. This includes emissions, unsafe working conditions, issues around wages, inequality, waste handling etc. These issues pose ESG risks to sourcing companies. Eco Edge, an initiative of CII-ITC Centre of Excellence for Sustainable Development intends to help companies manage these risks in an integrated manner by working with their value chains.

Activity during the year

- Eco Edge started with a pilot project of an Automobile Company. The project looks at integration of sustainability in OEM and its 17 vendors, which includes 11 suppliers and 6 dealers
- Another OEM with 11 vendors has signed up the Eco Edge initiative. Work to progress in 2023
- Eco Edge created capacity of third-party professionals who will support the assessment of companies signing up. Around 77 professionals were trained in 2022 on the Eco Edge Framework and Methodology





Climate Action Programme 2.0°





Climate Action Programme 2.0° is not only a recognition but an established Programme including capacity building and learning process for organisations to work towards climate action. The Programme was launched in 2018 by CII-ITC Centre of Excellence for Sustainable Development, with support from DSM with an objective to recognise and drive meaningful corporate action in climate change and promote the integration of such actions into organisational business models and process. The programme is developed according to the maturity level of companies to tackle climate related risks and opportunities regarding climate action.

Depending upon the maturity level of the company, the award categories under which the winners are recognised are Resilient, Oriented and Committed.

Methodology

The uniqueness of the Awards lie in the 3D Assessment Methodology. Three different models, namely; EFQM Model, Activity Model and Climate Maturity Model are integrated together to CAP 2.0° Assessment Methodology. The assessment process also includes an online questionnaire comprising of approximately 100 sector specific questions.

The Awards pushes the envelope on climate action through capacity building and moving climate up on the business agenda. Over the course of 4 months, the applicants are assessed by CII-trained assessors, capabilities built, performance tracked during site assessments and feedback is provided to each applicant at the end of complete cycle.

Awards Process

Application:

- **Receiving an Expression of Interest**
- **Receiving the filled online application from the applicant**
- **Preliminary screening of all the applications**

Desk Assessment:

- **Desk assessment by a team of trained CII CAP 2.0° Assessors**
- **Consensus on assessment results by assessment team**
- **Feedback report to applicants who could not qualify for site assessment**

Site Assessment:

- **Assessment by the same team of assessors**
- **Revised consensus by assessment team**
- **Jury Meet**

Closure:

- **Awards ceremony**
- **Feedback report to winners**

Awards Ceremony



Winners are recognised at an Awards Ceremony. The ceremony is attended by representatives from industry, jury members and assessors. This year, the Awards ceremony was conducted at the Lalit, New Delhi. Shri Avinash Mishra, Adviser Natural Resources and Climate Change, NITI Ayog felicitated the winners as the Chief Guest of the ceremony.

14 organisations were recognised this year from four different categories namely; Energy, Mining and Heavy Manufacturing (EMHM), Light Manufacturing, Infrastructure Sector and Service sector covering all the major Indian industry sectors.

Outcomes

Winners Booklet

Winners Booklet, comprises of the best practices being undertaken by winning companies as part of their climate action commitments. By providing a brief on each winner company, it compiles the practices which led to their recognition, highlighting the innovations introduced and benefits derived.

Feedback Report

DA detailed feedback report is generated and provided to each company that applies for Awards. The feedback report highlights the strengths and the opportunities to excel based on the assessment conducted by the CII-certified CAP 2.0 Assessors.



Winners of CAP 2.0[®] Awards 2021-2022 with Shri Avinash Mishra, Adviser Natural Resources and Climate Change, NITI Ayog, Ms. Seema Arora, Deputy Director General, Confederation of Indian Industries and Mr. B Rajagopal, President, DSM India



Policy Advocacy

CII National Committee on Environment 2022-23

CESD is the secretariat of CII National Committee on Environment 2022-23, which is closely working with the Government on policy issues through spearheads policy advocacy by focusing on the important and relevant concerns pertaining to environmental protection.

The Committee frequently interacts with relevant ministries, state authorities and government institutions, as needed, given the cross-sectoral nature of issues and stakeholders involved. The CII NCE is represented by 43 leading Indian Industry representatives with three working groups namely:

Working Group on Waste Management Rules (National EPR Framework)

Working Group on Environment & Forest Clearances - EIA (Amendments)

Working Group on Proposed Amendments to the Water, Air, EPA and Public Liability (PLI) Acts

Waste Management (Amendment) Rules

In 2022, the Ministry of Environment, Forest and Climate Change (MoEFCC) issued several amendments to waste management rules to improve the country's waste management practices, including Plastic Waste Management (Amendment) Rules, 2022; Plastic Waste Management (Second Amendment) Rules, 2022; Battery Waste Management Rules, 2022; E-Waste (Management) Rules, 2022; Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022, etc.

Plastic Waste Management Rules, 2022

CESD continued to support/engage with the Ministry of Environment, Forest and Climate Change (MoEFCC) and the Central Pollution Control Board (CPCB) in notifying regulations for Plastic Waste Management.

- Plastic Waste Management (Amendment) Rules, 2022 and Plastic Waste Management (Second Amendment) Rules, 2022 notified in February and July 2022, respectively by MoEFCC. After consultation with

industry associations, including the CII, the rules have included the guidelines on Extended Producer Responsibility (EPR) for plastic packaging and specified biodegradable plastics and provided a statutory framework for their use as an alternative material. Further, as per these guidelines, Producers, Importers and Brand Owners (PIBOs) must be registered through the online centralized portal developed by the CPCB.

- CPCB has developed modules for issuing and exchange of EPR credits, annual return filing, levying of environmental compensation, and audits under plastic waste management rules, 2016. The Centre submitted the industry input while finalizing these modules by CPCB. Further, the Centre along with industry members participated in the trial run of the online registration portal for EPR and shared observations with CPCB. The centralized EPR portal for plastic packaging provides provision for the registration of PIBOs/ PWP in accordance with the notified EPR guidelines. The portal will help in improving accountability, traceability and transparency of fulfilment of EPR obligations.

- Ban on Single Use Plastics: MoEFCC vide 2nd Amendment to PWM rules has defined Single Use Plastic (SUP) Items. The identified SUP have banned from 1st July 2022. CPCB has prepared a Comprehensive Action Plan for elimination of SUP as per timelines specified in the notification.
- The government has launched the following portals to smoothly implement the plastic waste management rules:

National Dashboard on the elimination of single-use plastic and plastic waste management.

Centralized Extended Producers Responsibility Portal for plastic packaging.

Mobile App for single-use plastics grievance redressal.

Monitoring module for single-use plastics.

E-Waste (Management) Rules, 2022

MoEFCC published the E-Waste (Management) Rules, 2022 in November 2022, wherein the Centre submitted elaborated inputs to the draft E-Waste (Management) Rules. The rules shall come into force from the 1st day of April 2023. These rules will be applicable to every manufacturer, producer, refurbisher, dismantler and recycler involved in manufacture, sale, transfer, purchase, refurbishing, dismantling, recycling and processing of e-waste or electrical and electronic equipment including their components, consumables, parts and spares which make the product operational. Extended producer responsibility applicable to electrical or electronic equipment producers for meeting recycling targets.

Battery Waste Management Rules, 2022

MoEFCC has notified the Battery Waste Management Rules, 2022 in August 2022 after considering the objectives and suggestions from all the stakeholders including the Centre. These rules are applicable to all types of batteries irrespective of their shape, volume, chemistry, usage, and material composition. Producers shall have the

obligation of Extended Producer Responsibility for the Battery that they introduce in the market to ensure the attainment of the recycling or refurbishing obligations. The recovery targets are set out for each industrial battery. Non-fulfilment/non-compliance with EPR attracts environmental compensation as well.

Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022

MoEFCC has introduced a new amendment called the Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022 for 'Extended Producer Responsibility (EPR) for Waste Tyre' which came into effect in July 2022. Wherein provisions relating to the utilization and management of waste tyres by producers, recyclers, and retreaders have been included in schedule IX. The EPR responsibility is imposed on producers of tyres to ensure environmental and sound management of waste tyres so as to protect the health and environment against any adverse effects which may result from such waste tyres.

Amendments to EIA Notification, 2006

The Ministry of Environment, Forest and Climate Change (MoEFCC) is in the process of streamlining the complex process of environmental clearances. Consequently, several initiatives, clarifications, guidelines and amendments in the EIA notifications 2006 have been issued in 2022. The Centre has submitted the representations in the EIA Notification, 2006 as well.

- In April 2022, the ministry amended the category and threshold limit of several projects in the EIA notification 2006 to accelerate the production and developmental activities. Projects related to national importance, exigencies, environmentally friendly, and inordinately delayed would be considered at the central level without changing the category of the projects. Further, the ministry has provided several clarifications on the public hearing; non-requirement of EC for aerial ropeways projects; the validity of prior environmental clearance; clarification of EC for river valley projects, nuclear power projects; other projects, and activities.

Green Clearance: PARIVESH 2.0 & Centralized Processing Centre-Green

CESD continuously engaged with MoEFCC regarding the development of PARIVESH 2.0 & Centralized Processing Centre-Green (CPC-Green) schemes. PARIVESH 2.0 is a web-based platform that aims to streamline the process of environmental clearance for various development projects in India. The system provides a centralized platform for submitting applications, monitoring the status of projects, and accessing relevant environmental and forest clearances. CESD is being participated in the trial run of PARIVESH 2.0 in 2022 and conducted interactive sessions with CII memberships.

Harmonized and Optimized Environmental Clearance (EC) conditions

MoEFCC is working on harmonized and optimized Environmental Clearance (EC) conditions that are proposed to the project proponent at the time of project appraisal in the EIA Notification, 2006. CSIR- National Environmental Engineering Research Institute (NEERI) is facilitating the Ministry regarding constructing the draft document on the harmonized and optimized EC conditions. CESD with CSIR-NEERI has

conducted sector-specific consultations on standard/ general EC conditions and sector-specific EC conditions as per EIA Notification, 2006 from March to June 2022. The consultation inputs have been submitted to the CSIR-NEERI for the development of the harmonized EC conditions.

CPCB grant of financial support for the establishment of paddy straw pelletisation and torrefaction plants

In October 2022, CPCB released the guidelines and an online portal for one-time grants/capital for setting up paddy straw-based palletization and torrefaction plants by individuals/entrepreneurs/ companies in the NCT of Delhi, States of Punjab & Haryana, and NCR districts of Rajasthan & Uttar Pradesh. The total funding is Rs. 50 Crores, out of which Rs. 40 crores is earmarked for the establishment of non-torrefied pelletisation plants, and Rs. 10 crores for the establishment of torrefaction cum pelletisation units. These plants once set up, would utilize the unmanaged paddy straw and help address the issue of crop residue burning and the resultant air pollution. CESD was involved and a member of the committee for the development of the plan by MoEFCC.

Development of a National Strategy for implementation of phase down of Hydrofluorocarbons under the Kigali Amendment to the Montreal Protocol on Substances that Deplete the Ozone Layer

- India ratified the Kigali Amendment to the Montreal Protocol on 21 September 2021 and is developing a National Strategy for phase down of HFCs in close cooperation with the industry stakeholders. The National Strategy for HFC phase down is under preparation and will be finalized and submitted to the Union Cabinet by 2023. The Ozone

Cell, Ministry of Environment, Forest and Climate Change (MoEFCC), and the Centre have signed an agreement for the implementation of activities related to outreach and awareness raising programmes, as part of the development of a National Strategy for HFC phase down in India.

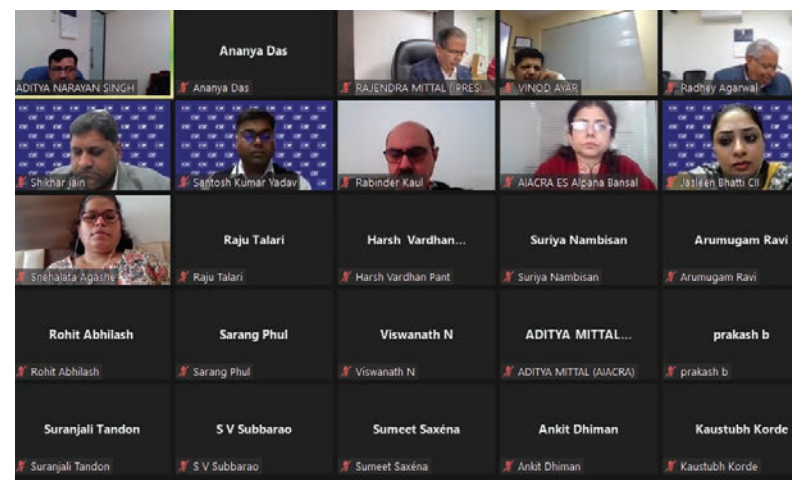
The objective of the programme is to promote awareness amongst the industry stakeholders associated with the use of HFCs on Kigali Amendment and its compliance obligations to be met by various sectors and sub-sectors, and creating awareness

about low Global Warming Potential alternatives. In addition, seeking information relating to HFC use in various sectors and sub-sectors for developing national strategy for HFC phase down in the country.

- The Centre, MoEFCC and other sectoral associations are organising 'Stakeholders Awareness cum Consultation Workshops for development of National Strategy for Phase Down of Hydrofluorocarbons (HFCs)' across the country.



First 'Stakeholders Awareness cum Consultation Workshop for development of National Strategy for Phase Down of Hydrofluorocarbons (HFCs)' organized by MoEFCC on 22 November 2022 at India Habitat Centre, New Delhi



First virtual 'Stakeholders Awareness cum Consultation Workshop for development of National Strategy for Phase Down of Hydrofluorocarbons (HFCs)' was organized by the Centre on 13 December 2022

Engagements with BIS

CESD is a member of the 5 technical committees of BIS and has been providing industry inputs for the IS/ISO standards:

Committees

CHD 8

Occupational health and safety

CHD 32

Environment Protection

CHD 33

Solid Waste Management

CHD 34

Environment Management

CHD 35

Air Quality

Engagements with DPIIT

National Single Window System (NSWS)

The Centre has been supporting DPIIT in the exercise of the development of the National Single Window System (NSWS). In this regard, a virtual interactive session was organized with DPIIT. The objective of the session was to create awareness about NSWS among industry members while inviting their feedback to make it more robust. Accordingly, the Centre along with its membership participated in the sessions and submitted observations on the portals.

Inputs on Time & Cost Element of Regulatory Compliance Burden

To minimize the regulatory compliance burden on businesses in India by identifying and doing away with the redundant, overlapping, and archaic laws. The Centre submitted the inputs after consultations with its memberships on the Time & Cost Element of Regulatory Compliance Burden. It captured the statutory, intermediary and any other costs of the compliances along with the time taken for preparation, actual and statutory periods.

THE FINANCIAL EXPRESS
NEW DELHI, TUESDAY, 14 JUNE 2022

Steps towards growing sustainably

CHANDRAJIT BANERJEE
Director General, CI

With several measures being enacted by different ministries, including the environment ministry's PARIVESH 2.0 and continuous monitoring of emissions by the Centre, we are a few steps closer to attaining SDGs

AS INDIA MARKS 75 years of independence this year, achieving economic growth with environmental sustainability and climate change mitigation have emerged as key challenges. The environmental impact of growth includes the increased consumption of natural resources, higher levels of pollution, and the potential loss of ecological habitats. However, not all forms of growth cause damage to the environment and growth enabled with innovation can achieve the Sustainable Development Goals (SDGs). A business regulatory regime based on trust with effective regulations that protect the environment yet ensure growth requires a fine balancing act. The government has shown commitment to synchronising the ease of doing business and normalisation of conformities without based workflow application that has been developed for online submission and monitoring of the proposals submitted for seeking environment, forest, wildlife, and Coastal Regulatory Zone (CRZ) clearances from central, state, and district authorities. It automates the entire tracking of proposals which includes online submission of a new proposal, editing/updating the details of proposals and displaying their status at each stage of the workflow. The system has an efficient technology-driven workflow that minimises redundancies, a robust appraisal process, a reliable and validated database that encourages accountability and ease of doing business. The average time for category and threshold limits of several projects were amended to accelerate production and developmental activities in line with Aatmanirbhar Bharat and PLI schemes. The amendment provides for exemption of environmental clearance to several projects, including defence-related or border area projects, thermal plants up to 25 MW based on biomass, and expansion of terminal building of airport, basically for projects deemed as public utility works. The exemptions come with the condition that standard environmental safeguards for such projects would be followed by the agency executing such projects or by providing for environmental safeguards in the environment and effluents is being carried out by Online Continuous Emission and Effluent Monitoring Systems (OCEMS) analysers for applicable parameters in an industry. In case of exceeding of prescribed standards, the web portal generates SMS alerts to concerned officials. The finance minister, while presenting Budget FY 23, referred to the Circular Economy transition. This aligns with waste management rules through which the Centre is strengthening the digital mechanism of Extended Producer Responsibility portals for plastic waste and battery waste as an environment protection strategy, making the manufacturer responsible for the entire life cycle of the product, especially for take-back, recycling, and final disposal. These amendments, the time bound implementation of the compliance man-

The Centre stresses that compliance systems must be based on trust by promoting self-assessment



Training and Advisory

SuP-free Certification

Corporate Reporting and Management Systems

Zero Waste to Landfill

Virtual Training Programmes



SuP-free Certification



Plastics-use Protocol: Verification and Certification

Plastics have become an integral part of society and we have come to rely on them in all spheres of life. India's plastic consumption has been growing significantly and despite per capita usage levels lower than most other developing and developed countries, plastic pollution has emerged as one of the significant problems in the country. With this in mind, to serve the need of industry the plastic use protocol was designed by the Centre as a strategy for mapping/phasing out the single use plastics (SuP). Entering the third year of this protocol since its launch in 2020 the protocol has targeted a broad spectrum of industries and has helped them to manage their plastic consumption

pattern and the Plastics-use Protocol (PuP) by the Centre has been voluntarily adopted by the leading businesses.

The initiative articulates the steps that how an organisation can adopt the concept of circular economy and resource efficiency. Currently, the scope of the certificate under the protocol is limited to Single-use Plastics. The protocol is regularly updated keeping in mind the best international practices in sustainable plastic management, Compliance Management on Indian Central Rules/ Regulations on plastics use & waste management and considers the State specific Rules/ Regulations during the process of implementation.

Testimonials



Mr Shirish Patel

Lead,
Business Excellence & ESG
Adani Green Energy Limited



It was indeed a pleasure associating with CESD for our Single Use Plastic free initiative across all operating locations for FY22. Their continual support and meaningful discussions helped us in attaining our target way ahead of our deadline.



> PuP in 2022

Value addition

Compliance to Central Plastic Waste Management Regulations and applicable State Plastic Regulations included as criteria for certification

Adoption & Verification

Assistance to ~05 companies/ ~78 sites for becoming SuP free

Knowledge

Sensitization session given to 800+ professionals in multiple organisations

Impact Creation

SuP eliminated/ phased out by SuP free certified organisations.

Increased awareness about central and state regulations on plastics

Integration of plastics as one of the aspects in the IMS of companies

Entry of plastic management/ plastic waste management regulations in legal compliance register of companies

> PuP in 2023-24

Implementation of phasing out Single Use Plastics under PuP will be the focal point for businesses in the coming years as mandated by the regulations. On this note, the Centre will work with businesses in bringing more sustainable alternatives replacing SuP.

Corporate Reporting and Management Systems



A photograph of business professionals in an office setting. In the foreground, a person in a dark suit is holding a tablet with a white pen. To their right, another person is pointing at a bar chart on a document. In the background, a laptop is open. The scene is overlaid with a network of blue squares and lines, suggesting a data management or reporting system. A silver cup is visible on the left side of the desk.

The Centre has helped industry clients to successfully manage environmental performance and ESG (Environment, Social and Corporate Governance) disclosures. The team has been supporting companies to deliver long-term sustainable value to its stakeholders. The Centre has also helped few Public Sector Enterprises (PSEs) by assisting them in moving ahead towards the journey of Sustainability and ESG by benchmarking the PSE, preparing their Gap Assessment Report and BRSR Report. This has led to:

Establishment of new parameters based on the Environment, Social and Governance aspects in multiple organisations.

Organisations are now aware of the ESG indicators, their contribution, impact and linkage with Sustainable Development Goals.

Improvement in their ESG scores and rating leading to better investor traction.

The Centre has also assisted a well known MNCs by evaluating and creating a baseline for their 130 suppliers (approx.) thus helping the company in creating a baseline for sustainable supply chain.

Post the baseline setting, the Centre intends to evaluate and suggest improvements based on Environmental, Social and Governance aspects. This will be beneficial for the parent MNC as well as the respective suppliers as it will create an impact with respect to multiple Sustainable Development Goals for each supplier as well as MNC. This will also impact the overall SDG targets for the Government of India at a global level.

> **Diagnostics**

Optimum tool to enable organisations to identify areas for improvements (gaps) risks and priorities.

> **Process Improvement**

Build capabilities required to achieve operational excellence across their entire value chain, and design broad-based programmes that drive sustainable improvements.

> **Implementing Changes**

Implement solutions required to achieve operational excellence across their entire value chain.

> **Organisational Effectiveness**

Embed sustainability principles in the core of their strategy, operations and culture to make sustainability a source of ongoing and increasing value.

> **Sustainability Disclosures**

Organisations Report their ESG performance that enables improved access to capital, assured credibility and enhanced value. The services place focus on the clientele looking to give a revamp to their sustainability reporting structures and advising the clients on new developments pertaining to the reporting requirements and improving their disclosure capabilities.



30+
Training
Programmes



900+
Professionals
Trained



20+
Clients
Serviced



80+
Audit Man
Days Invested

Impact

- The Centre's assistance has helped various organisations in improving their ESG scores
- Initiation of the Sustainable Supply Chain has created an awareness among more than 130 suppliers towards ESG parameters.
- Pilot phase to transform entire supply chain of an MNC kicked off and a baseline setting for the same is in progress.
- The Centre has assisted few PSEs and assisted them towards the ESG and BRSR journey. This is among one of the first PSEs to move towards sustainability and ESG.
- Exhaustive checklists and reviews have been prepared by the Centre so as to ensure that the quality of deliverable is optimized.
- Timely release of BRSR Reports, Sustainability Reports where the performance of various corporates have been updated and suggestions for further improvement have been communicated to the clients.

Way Forward

Reporting assignments will continue to be the mainstay. One of the key projects which lie ahead for the Centre includes the improvisation and enhancement of supply chain for an MNC to become more aligned with ESG, SDGs and Climate Action targets. Bigger possibilities are emerging in the areas of Sustainability Business transformation, wherein we work with the clients not just to report but to advise on system improvements.



Zero Waste to Landfill

From the perspective of resource management, the need for a circular economy is becoming real for industries/businesses. Diverting waste from landfill has become the mainstream for circular economy and sustainable waste management. To bring together the concept of sustainability across various waste streams, the strategic approach is being practiced by the Centre. The Centre provides expertise, technical guidance, and facilitation to businesses willing to walk the zero-waste path and help them in designing their roadmap for becoming zero waste to landfill.

ZWL in 2022

The Centre has helped the following businesses to become zero waste to landfill sites:

Business

Adani Mormugao Port Terminal Pvt. Ltd, Goa

Adani Kandla Bulk Terminal Pvt. Ltd, Tuna

Dhamra Port Company Limited



Virtual Training Programmes

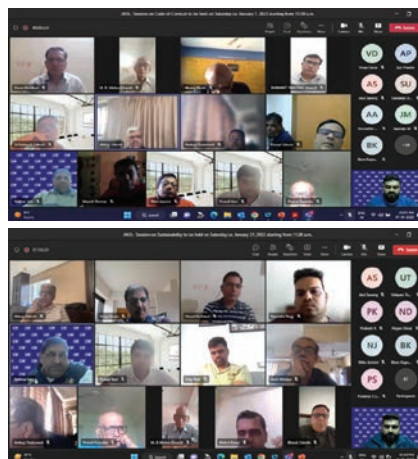


Business Ethics, Code of Conduct and Sustainability & ESG Trainings

Business ethics enhances the law by outlining acceptable behaviors beyond government control. Corporations establish business ethics to promote integrity among their employees and gain trust from key stakeholders, such as investors and consumers.

A code of conduct is essential in a workplace because it gives employees a definitive guide on how they should work and act while performing their job. Some companies expect their employees to follow a code with many requirements, while others keep it simple.

Sustainability & ESG awareness is increasing, and many companies now want their workforce to be aware about the sustainability domain and ESG. It involves getting the workforce familiar with ESG terms, indicators, matrices, frameworks and disclosures.



Business Responsibility and Sustainability Reporting (BRSR)

We are at a key moment in the evolution of sustainability, where transparency is fast becoming the new paradigm for conducting business. BRSR is an ESG Disclosure that encompasses corporate strategy, risk management, broad oversight, performance and communication, of companies and also helps to address reputational and regulatory risk. The underlying intent of this disclosure can be said to be seamless alignment of the various regulatory frameworks with the long-term objectives and sustainability goals of the company, which are key requisites for the decision-making process of various stakeholders.

BRSR covers the Environmental, Social and Key learnings Governance (ESG) and Sustainability aspects. It will replace the existing Business Responsibility Report

(BRR) and the move is expected to bring in greater transparency and enable market participants to identify and assess sustainability-related risks and opportunities.

CII & UNDP Certified Training Programme on Building Resilience to Climate Change and Biodiversity Loss

This training programme jointly organised by CII & UNDP provides the opportunity to enhance awareness and build capacity on the various aspects of biodiversity, climate change and energy. It includes hands-on training on tools for mapping, self-assessing and developing appropriate action plan for avoidance, mitigation, and risk management. Also, will help in developing a road map for site-specific operations, sustainable management, and incorporation of nature's value into decision-making.

Other Regular Trainings:

CII-Certified Internal Auditor EnMS Training

Waste Management Rules (and their amendments) Training

CAP 2.0 ° Assessor Training

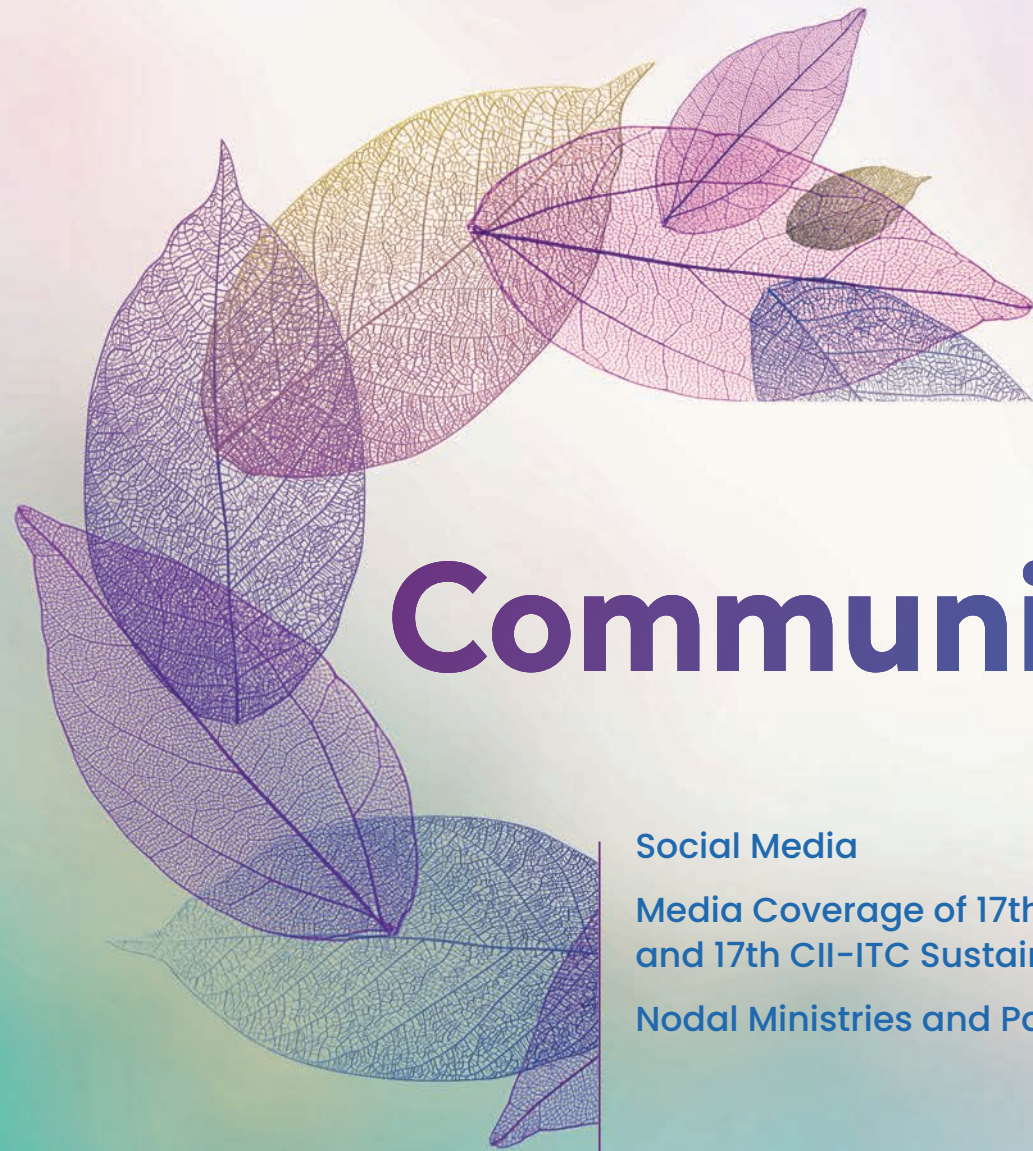
NBQP Accredited Lead Auditor EnMS Training
(Please put 'Circular Economy' in place of this)



42
Training
Programmes



1400
Participants



Communications

Social Media

Media Coverage of 17th Sustainability Summit
and 17th CII-ITC Sustainability Awards

Nodal Ministries and Partner Organisations

Social Media

In order to give the Centre's path-breaking initiatives a stronger media push and engage on issues pertaining to sustainability, social media pages for the CII-ITC Centre of Excellence for Sustainable Development came into being in 2011.



12k+
Total Followers



750,000+
Impressions Organic + Sponsored

Highlights

Date for 6/5/2022 - 6/4/2023

6,595
Reactions

115
Comments

561
Reposts

Follower highlights ⓘ

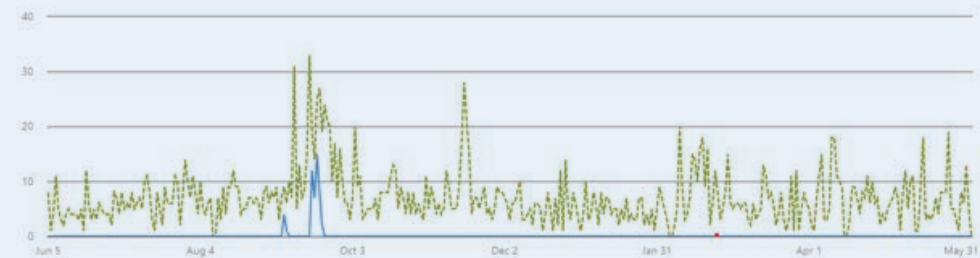
12,327
Total followers

577

New follower in the last 30 days Mar 7, 2022 - Apr 6, 2022

▲ 6.1%

Follower metrics ⓘ



✓ Sponsored

49

✓ Organic

2,559

Follower Demographics ⓘ | Date for: Job function ▼

Top job functions

	Followers	% of Followers
Business Development	1,634	13.3%
Operations	1,417	11.5%
Community and Social Services	612	5%
Engineering	572	4.6%
Research	503	4.1%
Consulting	462	3.7%
Sales	398	3.2%
Education	387	3.1%
Programme and Project Management	333	2.7%
Information Technology	312	2.5%

Media Coverage of 17th Sustainability Summit and 17th CII-ITC Sustainability Awards

The Sunday Guardian

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Thu, 22 Sep-22; The Sunday Guardian - Delhi; Size : 274 sq.cm.; Circulation:109500; Page : 9

ENERGY

With industry support, by 2030, – India can achieve 500GW renewable energy capacity : Ashwini Kumar Choubey

TECH NETWORK

Ashwini Kumar Choubey, Minister of State for Environment, Forest and Climate Change & Consumer Affairs, Food and Public Distribution, Government of India stated that India has clearly showcased its global leadership in addressing the issue of Climate Change. Referring to recent initiatives such as One Sun, One World, One Grid, the National Hydrogen Policy, the National Hydrogen Mission – he mentioned India has taken strong steps towards achieving a sustainable future and its goals of achieving net zero by 2070. He was speaking at the Inaugural Session of the 17th Sustainability Summit organised by the Confederation of Indian Industry on 21 September 2022, in New Delhi.

Congratulating CII on the launch of the CII Climate Action Charter, the Minister mentioned that the theme of the Summit was a timely and appropriate one as it was crucial that climate related risks and opportunities are identified and averted. The Minister mentioned that while pursuing a net-zero future, it

would be important for India to balance issues of just transition, social inequality, resource security and economic growth. In order for India to achieve a \$5 trillion USD economy, we need to develop and pursue developmental outwards that can not only address issues of climate change but also socio-economic issues. The Minister shared his hopes that the deliberations of the Summit would be helpful in charting these pathways for the future.

Ashwini Kumar Choubey, Secretary, Department of Food and Public Distribution, Ministry of Consumer Affairs, Food and Public Distribution mentioned that climate change is no longer an academic issue and that all stakeholders need to work together to deal with an issue that threatens the existence of the planet. India's global leadership in addressing climate change is very much in line with its heritage of respecting the environment and natural resources and the future. He mentioned that 4 key issues pose significant recovery have been food, fuel, fertilizer and finance. Highlighting the Government of India's 100DS food subsidy

program aimed to be decentralised with private sustainability initiatives. He mentioned that the CII Climate Action Charter, jointly prepared by CII, IITC, and Director, FCI (Food, and Chairman, Advisory Council of CII FCI Centre of Excellence for Food Sustainability Development stated that the industry has been a catalyst and their impact on corporate climate action in

achieving sustainability goals will be through public-private partnerships. Policy goals and private academic, financial and technical resources will be required to address climate-related issues. Initiatives taken by Indian industry to address sustainability need to be scaled up and Government needs to play a catalytic role and the industry needs to play a catalytic role in addressing climate change.

The Sustainability Summit is the annual flagship event of the Confederation of Indian Industry. In her opening remarks, launched in 2008 to raise the bar of dialogue, practice, and performance of sustainable business. The 17th Sustainability Summit, Building a Sustainable Future: Transforming Risks into Opportunities will build discussion on innovative approaches for businesses, governments, and institutions to address climate change and build a sustainable future.

Highlighting the extreme weather events around the world and their impact on supply chains, food security and livelihoods, Mr. Patel stated that climate adaptation and resilience must receive more attention. Focusing on climate change must have equal focus on mitigation and adaptation projects. Sharing some of ITC's efforts towards integrating circular economy, renewable energy and emissions reduction in its operations as well as ongoing initiatives addressing sustainable livelihoods, green and water stewardship, Mr. Patel mentioned that companies have a responsibility to ensure societal value creation and sustainability at the heart of their business strategy.

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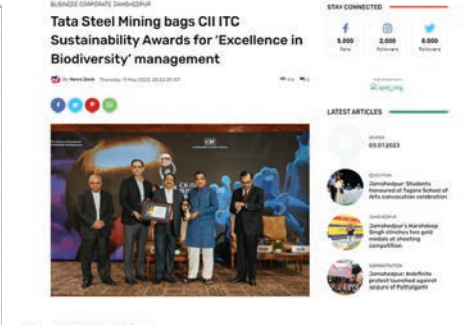


Union MoS for Food and Environment Ashwini Kumar Choubey addresses the 17th Sustainability Summit organized by Confederation of Indian Industry (CII), in New Delhi, on Wednesday.

ADB cuts India's GDP forecast for FY23 to 7pc on elevated inflation

NEW DELHI The Asian Development Bank (ADB) on Wednesday slashed India's GDP growth forecast for FY23 to 7 per cent from the earlier estimate of 7.2 per cent mainly on account of higher inflation and a tight monetary policy. India's economy grew 6.15 per cent year-on-year in the first quarter of 2022-23, reflecting strong growth in services, ADB said in its second supplement to Asian Development Outlook Report 2022 (ADO 2022). However, GDP growth is revised down from ADO 2022 forecast to 7 per cent for FY22 (ending March 2023) and 7.2 per cent for FY23 (ending March 2024) as price pressures are expected to adversely impact domestic consumption, and sluggish global demand and elevated oil prices will likely be a drag on net exports, ADB said. ADB releases the flagship ADO report in April every year. It had then projected the Indian economy to grow at 7.5 per cent in FY23 and 8 per cent in FY24. In the first supplement to ADO 2022 in July, it however trimmed the growth forecast for FY23 to 7.2 per cent and for FY24 to 7.8 per cent citing higher than anticipated inflation since April and monetary tightening by RBI due to inflation of the economic impact of the war in Ukraine, among others. Rising global oil and commodity prices and supply constraints following the Russian invasion of Ukraine have

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Toyota Kirloskar Motor honoured with CII-ITC Sustainability Awards 2022 for Excellence in Biodiversity

May 11, 2023 | Praveen | Business | Comments Off



FEATURED RESOURCES

Find out the best online casinos for real money in the USA on NewsBTC



Bangalore, 11th May 2023: Recognizing the commitment towards sustainable business practices, Toyota Kirloskar Motor (TKM) was honoured today with the CII-ITC Sustainability Award 2022, under the category 'Excellence in Biodiversity (Manufacturing Sector)' by the Confederation of Indian Industry (CII), in the gracious presence of Shri. Nitin Gadkari - Honourable Union Minister - Ministry of Road Transport and Highways, Government of India as the Chief Guest.

New Delhi : Ashwini Kumar Choubey, Minister of State for Environment, Forest and Climate Change & Consumer Affairs, Food and Public Distribution, Government of India stated that India has clearly showcased its global leadership on addressing the issue of Climate Change. Referring to recent initiatives such as One Sun, One World, One Grid, the National Logistics Policy, the National Hydrogen Mission – he mentioned India had taken strong steps towards achieving a sustainable future and its goals of achieving net-zero by 2070. He was speaking at the Inaugural Session of the 17th Sustainability Summit organized by the Confederation of Indian Industry on 21 September 2022, at New Delhi.

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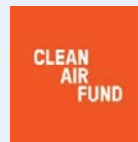
In order for India to achieve a 5 trillion USD economy, we need to develop and pursue developmental pathways that can not only address issues of climate change but also socio-economic issues. The Minister



Nodal Ministries and Partner Organisations



StartIndia



Advisory Council



Mr Sanjiv Puri

President Designate, CII
Chairman, Advisory Council
CII-ITC Centre of Excellence for
Sustainable Development, and
Chairman & Managing Director
ITC Ltd.



Mr Ajay S Shriram

Chairman & Senior
Managing Director
DCM Shriram Ltd.



Mr Chandrajit Banerjee

Director General
Confederation of Indian Industry



Mr C.K. Mishra

Former Secretary, Ministry
of Environment, Forest &
Climate Change,
Government of India



Mr Peter Bakker

President & CEO
World Business Council for
Sustainable Development
(WBCSD)



Mr Vineet Mittal

Chairman
Avaada Group



Mr R Mukundan

Chair, CII Environment
Committee and MD & CEO
Tata Chemicals Ltd



Ms Rumjhum Chatterjee

Chair, CII Council on Women
Empowerment & Inclusion and
Chair, Infravision Foundation



Mr Tejpreet Chopra

Founder and CEO
Bharat Light and Power
Private Ltd. (BLP)



Mr Deep Kapuria

Chairman
Global Innovation and
Technology Alliance
(GITA)



Dr Ajit Ranade

Vice Chancellor
Gokhale Institute of Politics
and Economics



Mr B Rajagopal

President
DSM India Pvt. Ltd.



Mr George Rajkumar

President
Sanmar Matrix Metals
The Sanmar Group



Mr Ravi Singh

Secretary General and CEO
World Wide Fund for
Nature-India (WWF India)



Mr Eisenhower Ike Swaminathan

Co-Chair, CII Environment Committee
and Managing Director - Glass
Solutions and Strategic Projects
Saint-Gobain India Private Ltd.



Dr O.P. Agarwal

CEO
World Resources Institute
(WRI) India



Ms Vaishali Sinha

Chief Sustainability Officer
ReNew Power and Founding Chair
ReNew Foundation



Mr TK Arun

Editor
Opinion of The Economic Times

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Senior Counsellor

Team CESD



Notes



CII-ITC Centre of Excellence for Sustainable Development

CII-ITC Centre of Excellence for Sustainable Development (CESD) is one of CII's 9 centres of excellence. The Centre 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.

The Centre 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. With two locations in India, the Centre operates across the country and has also been active in parts of South and South-East Asia, Middle East, and Africa. It has held institutional partnerships and memberships of the United Nations Global Compact, Global Reporting Initiative, International Integrated Reporting Council, Carbon Disclosure Project, development agencies of Canada, the USA, the UK, and Germany.

CII-ITC Centre of Excellence for Sustainable Development
3rd Floor, Andhra Association, 24/25 Institutional Area,
Lodhi Road, New Delhi 110003

Thapar House, 2nd Floor, 124, Janpath New Delhi

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