



Confederation of Indian Industry

CII Green Business Centre

Hyderabad, India



*In pursuit of a **Greener** and **Healthier** India*



CII - Sohrabji Godrej Green Business Centre

Adopting the green path today is no longer a choice, but an imperative for ensuring a sustainable tomorrow. With a vision of facilitating India's transformation into one of the global leaders in green business by 2025, CII has adopted a multi-pronged approach to equip the industry with the latest & emerging concepts, tools and skills to gain a competitive advantage in sustainable development.

CII - Sohrabji Godrej Green Business Centre (CII-GBC) was established in the year 2004, as CII's Developmental Institute on Green Practices & Businesses, aimed at offering world class advisory services on conservation of natural resources along with Energy Management, Green Buildings rating systems (IGBC), Green Company rating system (GreenCo), Renewable Energy, GHG inventorization, Green Product certification (GreenPro), Waste Management and Cleaner Production.



Confederation of Indian Industry

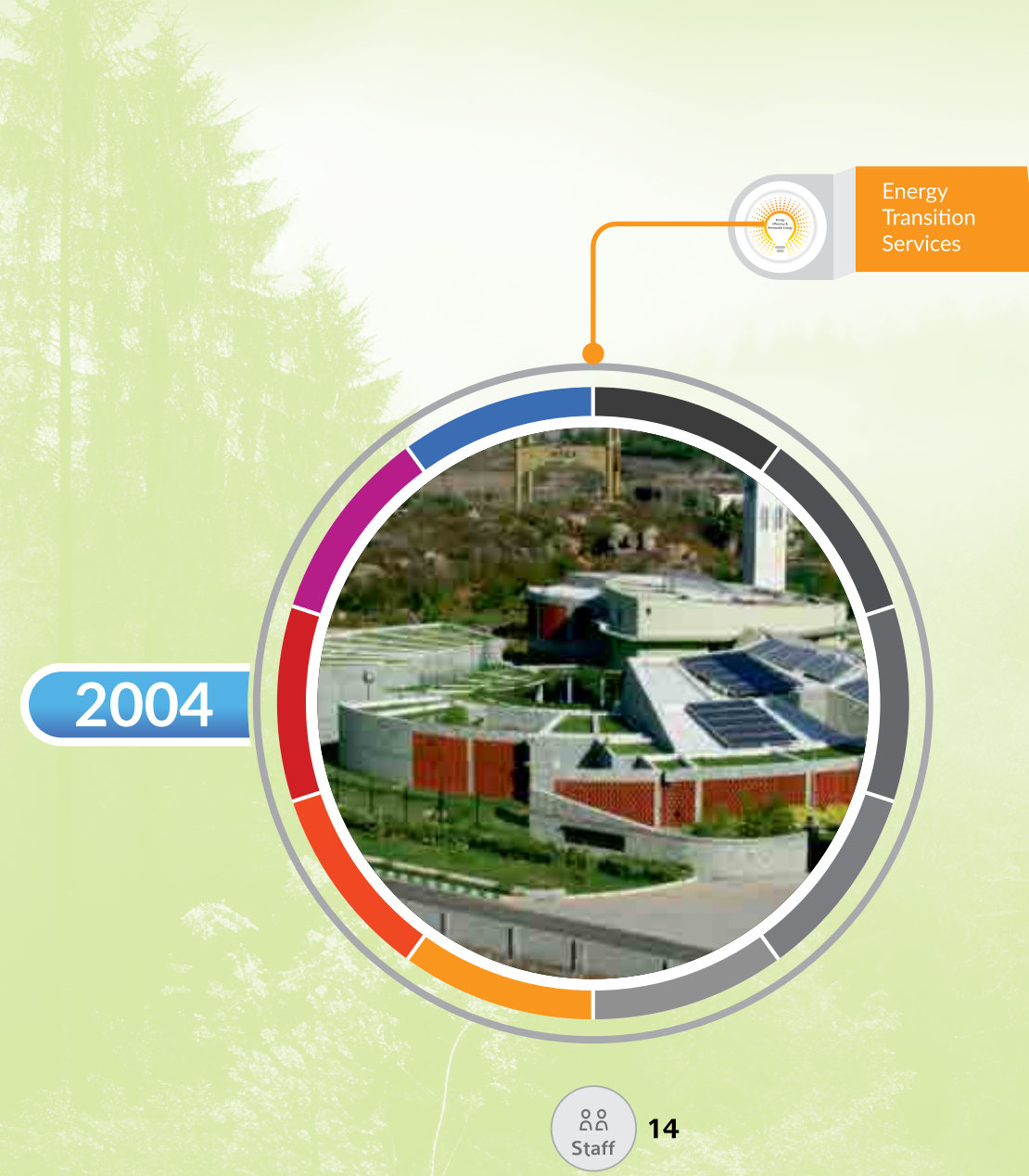
CII - Sohrabji Godrej Green Business Centre
Hyderabad, India

20th Foundation Day
2024

Vision

Facilitate India's emergence
as a global leader in green
businesses by 2030

Over the Years



Services of CII - GBC



Message from

Jamshyd N Godrej
Chairman, CII - GBC



Message from

Chandrajit Banerjee
Director General, CII



Dear Friends,

As we celebrate the 20th anniversary of the CII Sohrabji Godrej Green Business Centre (CII-GBC), it's a moment to reflect on how far we've come and the impact we've created together. What began as a vision to demonstrate the benefits of green practices has grown into a movement that is transforming industries and communities across India.

Our work with the Indian Green Building Council (IGBC) has helped redefine the way we design and build, with over 12 billion sq. ft. of green building footprint registered across the country. The Green Company Rating has shown industries that sustainability isn't just good for the planet—it's good for business too. Through GreenPro Certification, we've made it easier for companies to adopt environment friendly products and technologies, helping build greener supply chains.

We've also been focused on driving the transition to cleaner energy through our Energy Management and Renewable Energy services. The Green Entrepreneurship Council has nurtured and given the last mile connection for startups working on innovative solutions to today's environmental challenges. More recently, the launch of the Green Mobility and Green Cooling Councils is helping address the critical need for sustainable transport and climate-friendly cooling systems.

Each of these efforts brings us closer to India's goal of reaching Net Zero by 2070. At CII-GBC, we've set intermediate targets demonstrating that Net Zero isn't a distant goal but is very achievable and within reach.

This journey has been possible thanks to the dedication and collaboration of so many—our advisory board, industry leaders,

policymakers, and partners. As we look to the future, we remain committed to driving meaningful change and building a greener, healthier India for generations to come.

Jamshyd N Godrej
Chairman, CII-IGBC

Dear Friends,

It is a proud moment for the Confederation of Indian Industry (CII) as we celebrate the 20th anniversary of the CII Green Business Centre (CII-GBC). What began in 2004 as a visionary initiative to foster green businesses has evolved into a CII Centre of Excellence (CoE) shaping India's sustainability journey. The CoE exemplifies CII's commitment to advancing Indian Industry by demonstrating that green practices are both a necessity and economically viable.

In its early years, CII-GBC set out with a simple but powerful goal: to showcase that green practices make good business sense. I would like to extend my special gratitude to the CII Membership, who have been at the forefront of these initiatives. By actively engaging with CII-GBC's services, Member organizations have not only enhanced their bottom line

and improved operational efficiencies but also demonstrated leadership in sustainability. This collective effort has positioned India firmly on the global sustainability map.

What truly sets the CoE apart is its ability to blend sustainability with green practices, driving solutions that are both locally relevant and globally aligned. Through initiatives in greening buildings, products, and companies; adoption of renewable energy, energy efficiency, green entrepreneurship, and green mobility, CII-GBC continues to foster innovative practices that reduce India's carbon footprint.

This two-decade journey has built a compelling business case for sustainability and positioned the Indian Industry as a key player in the Global South dialogue.


As we look ahead, CII-GBC stands ready to drive new ideas, disruptive innovations, and scalable solutions that will contribute to India's 2070 Net Zero vision. The CII Membership continues to play a vital role in accelerating this mission, paving the way for India to emerge as a Net Zero economy well ahead of 2070. We invite you to continue this journey with us, as we build a greener, more sustainable, and globally competitive India.


Chandrajit Banerjee
Director General, CII

The Councils


CII - GBC has eight Councils - Indian Green Building Council, IGBC; Green Company Rating System, GreenCo; Green Product Certification, GreenPro; Energy Efficiency Council; Renewable Energy Council; Green Entrepreneurship Council, GEC; Green Mobility; Green Cooling, which guide and steer the activities and initiatives of the Centre. Each of this councils has its own individual vision, mission and action plan.

Indian Green Building Council



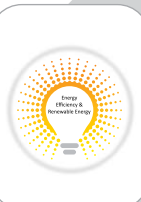



B Thiagarjan
Chairman



C Shekar Reddy
Vice Chairman

Energy Efficiency Council





Ravi Chandran Purushothaman
Chairman


Green Product Rating, GreenPro






A.R. Unnikrishnan
Chairman, Green Products & Services Council

Green Entrepreneurship Council





Pradeep Dhobale
Chairman

Green Company Rating, GreenCo





Pradeep Bhargava
Chairman

Council on Green Mobility







Vipin Sondhi
Chairman




Ms. Geetanjali Kirloskar
Co-Chairman

Renewable Energy Council





Ramesh Kymal
Chairman



Shivanand Nimbargi
Co-Chairman

Green Cooling Council





B Thiagarjan
Chairman



Kamal Nandi
Vice-Chairman



Mukundan C P Menon
Vice-Chairman

CII - GBC's Contribution to Green Growth in India



CII - GBC's Contribution to Green Growth in India

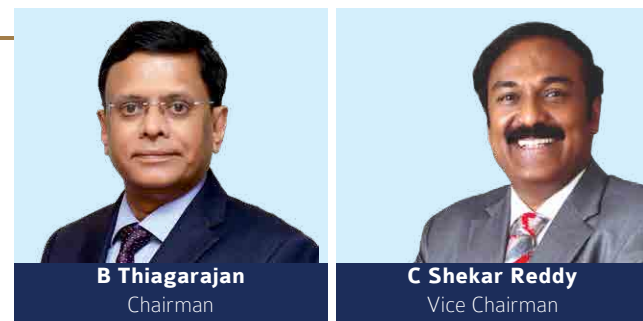
CII-GBC - India's first platinum rated green building	GreenCo rating system - first of its kind in the world	Green Building footprint: India - No. 2 in the world
Fostering world-class energy efficiency in cement, pulp & paper, power plants and sugar	GreenPro recognised by Global Ecolabelling Network (GEN)	Founding Member of World Green Building Council (WorldGBC)
Recipient of Aspen Institute Energy and Environment Awards	GreenCo story in UNIDO's 50th anniversary publication	Signed an MoU with Indian Railways
Listing of GreenCo in International Trade Center (ITC) - Sustainability Map	Energy audit assignments in Australia, Japan, Korea, Philippines, Singapore, Nigeria	Mention of - 'India-Sweden Innovations' Accelerator programme in the joint declaration issued by Hon'ble Prime Minister of Sweden and Hon'ble Prime Minister of India on 'Sweden- India Joint Action Plan



Indian Green Building Council

Spearheading India's Green and Net-Zero Building Movement

Green and Net Zero Building Movement in India



IGBC, part of CII, with the support, guidance and involvement of stakeholders has been spearheading the 21st century green building movement in India since its inception in 2001. The vision of the Council is to facilitate India's emergence as a global leader in green and net zero buildings and built environment by 2025.

The green building movement in India was started when CII - Sohrabji Godrej Green

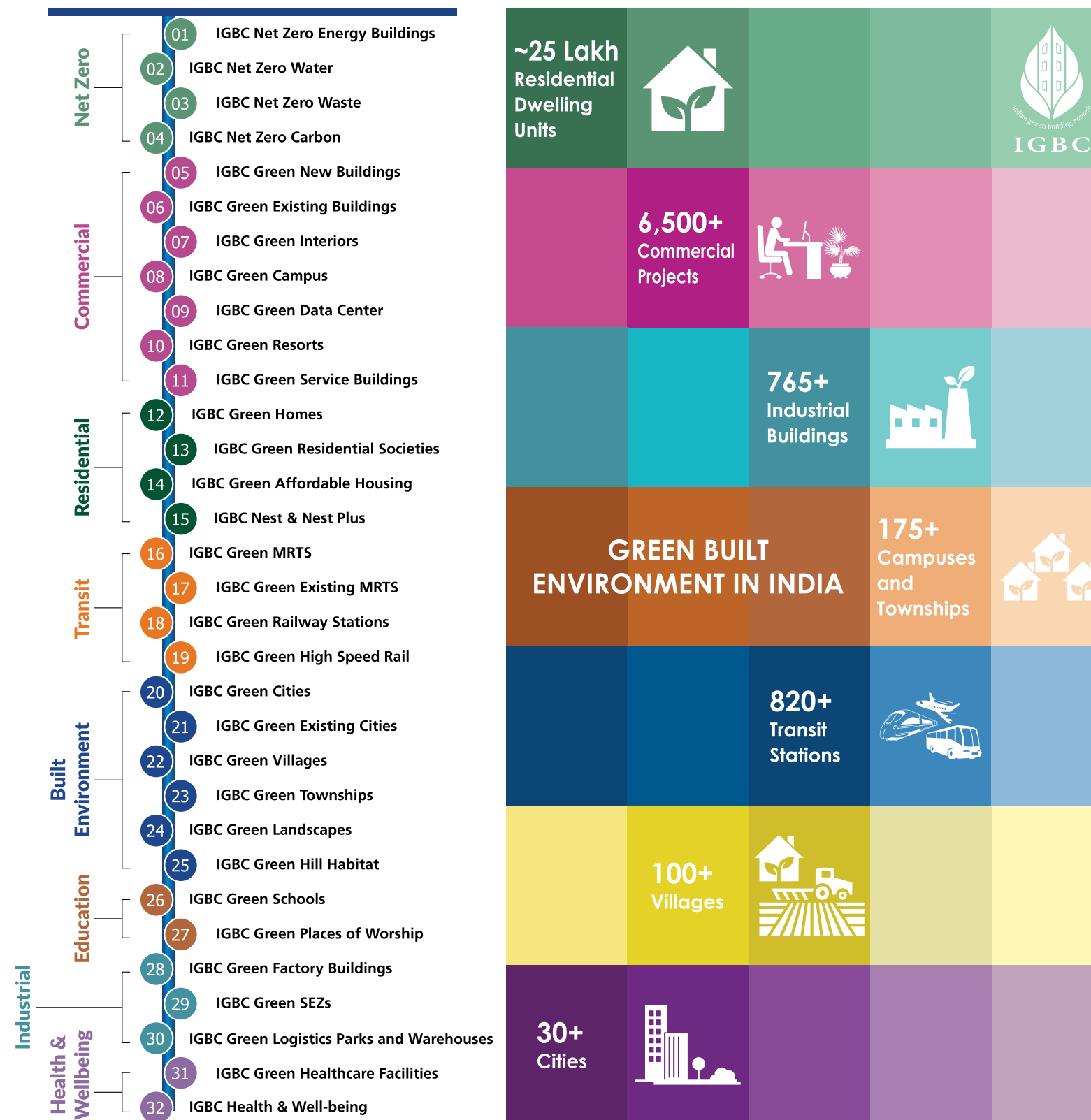
Business Centre in Hyderabad (IGBC's HQ) gained the unique distinction of becoming India's first platinum rated green building and today at IGBC Net Zero Energy Building. Since then, this demonstration of green and net zero building has been playing a catalytic role in the growth of green and net zero building movement in India.

IGBC had the honour of (Late) Dr APJ Abdul Kalam, the then President of India,

inaugurating its headquarters in July, 2004. As of July 2024, more than 13,720 green and net zero building projects, amounting to over 13.76 billion sq. ft., have adopted IGBC green and net zero building rating systems. IGBC aspires to facilitate 100 billion sq. ft of green and net zero building footprint by 2047 (100th year of India's Independence).



IGBC Green & Net Zero Building Ratings Addressing All Building Typologies



Government Incentives For IGBC Buildings

Additional floor space of 5-15 percent for IGBC-rated green buildings, by:

- Government of Rajasthan
- Government of Punjab
- Government of Uttar Pradesh
- Government of Gujrat
- Government of Tamilnadu
- Government of Kerala
- Government of Goa
- Government of West Bengal
- Government of Maharastra
- Government of Himachal Pradesh
- Government of Jharkhand
- Government of Haryana

Financial Incentives:

- Government of Andhra Pradesh – 20% reduction in building permit fees, and one time reduction in stamp duty.
- SIDBI – concessional interest rate for loans to IGBC-rated green buildings in MSMEs.

Faster Clearance:

- Faster environmental clearance by MoEFCC, via notification on green buildings in 2011, for projects applying for IGBC green building certification.



Benefits In IGBC-rated Green Buildings

PRIME BENEFITS OF GREEN PROPERTIES

TANGIBLE BENEFITS



Avg. Reduction in Monthly Water Bills
Rs.500-1,000 per Home



Avg. Reduction in Electricity Bills
Rs.300-700 per Home



Recycle and Reuse of Water & Waste



Reduced Dependency on Municipal Resources

INTANGIBLE BENEFITS



Occupant Health and Well-being



Contribution to Climate Change, SDG, ESG, & Lower GHG



High Green Cover, & Low Heat Islands

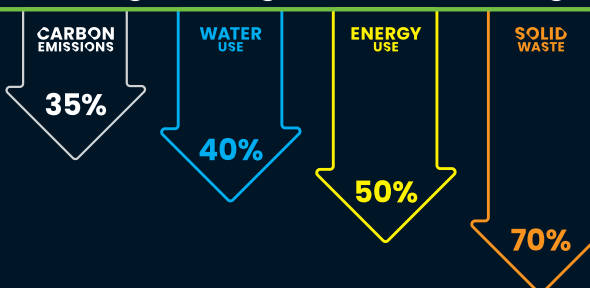


Potential for Net Zero Energy, Water, Waste & Carbon



Higher Property Appreciation

Average Savings of Green Buildings



IGBC National Executive Board



IGBC Leadership

Across India, IGBC has launched 29 local chapters, which are led by champions who have walked the talk and have set new benchmarks in sustainable construction.

All these chapters work closely with the stakeholders in facilitating the spread and growth of green and net zero buildings and green built environments across the length and breadth of the country.

 Mr B Thiagarajan National Chairman Indian Green Building Council	 Mr C Shekar Reddy Chairman Indian Green Building Council	 Mr Jayesh Hariyani Chairman IGBC Ahmedabad Chapter	 Mr Taral Shah Co-Chairman IGBC Ahmedabad Chapter	 Mr Vijaya Sai Meka Chairman IGBC Amaravathi Chapter
 Mr Ganesh Sai Chaitanya Gali Co-Chairman IGBC Amaravathi Chapter	 Mr Navin Bagadiya Chairman IGBC Aurangabad Chapter	 Ar Mohammad Hares Siddiqui Co-Chairman IGBC Aurangabad Chapter	 Dr Makrand Deshpande Co-Chairman IGBC Aurangabad Chapter	 Dr Chandrashekar Hariharan Chairman IGBC Bangalore Chapter
 Ar Anup Naik Co-Chairman IGBC Bangalore Chapter	 Mr Rajendra Belgaumkar Chairman IGBC Belagavi Chapter	 Mr Chaitanya Kulkarni Co-Chairman IGBC Belagavi Chapter	 Ar Manonjaya Rath Chairman IGBC Bhubaneswar Chapter	 Col Shaillesh Pathak Chairman IGBC Chandigarh Chapter
 Mr Jagjit Singh Majha Co-Chairman IGBC Chandigarh Chapter	 Mr Ajit Kumar Chordia Chairman IGBC Chennai Chapter	 Mr Mahesh Anand Co-Chairman IGBC Chennai Chapter	 Mr Lava Krishnan Chairman IGBC Cochin Chapter	 Ar Lalichan Zacharias Co-Chairman IGBC Cochin Chapter
 Mr Rajesh B Lund Chairman IGBC Coimbatore Chapter	 Ar Sheetal Tuteja Chairperson IGBC Delhi Chapter	 Mr Sanjay Kr Varshney Co-Chairman IGBC Delhi Chapter	 Mr Prakash Jalan Chairman IGBC Goa Chapter	 Mr K K Sekhar Co-Chairman IGBC Goa Chapter
 Ar Srinivas Murthy G Chairman IGBC Hyderabad Chapter	 Mr Vinod Bapna Chairman IGBC Indore Chapter	 Mr Kushagra Agrawal Co-Chairman IGBC Indore Chapter	 Mr Anand Mishra Chairman IGBC Jaipur Chapter	 Mr Dharendra Madan Chairman IGBC Jaipur Chapter
 Mr Sushil Mohta Chairman IGBC Kolkata Chapter	 Ar Vivek Singh Rathore Co-Chairman IGBC Kolkata Chapter	 Ar Venkatesh Pai Chairman IGBC Mangalore Chapter	 Ms Kritheen Amin Co-Chairperson IGBC Mangalore Chapter	 Dr Mala Singh Chairperson IGBC Mumbai Chapter
 Mr Chitranjan Kaushik Co-Chairman IGBC Mumbai Chapter	 Mr D S Ramakrishna Rao Co-Chairman IGBC Mysore Chapter	 Mr Vinod Maroli Co-Chairman IGBC Mysore Chapter	 Ar Ashok Mokha Chairman IGBC Nagpur Chapter	 Mr Shankar Ghime Co-Chairman IGBC Nagpur Chapter
 Mr Kiran Chavan Chairman IGBC Nashik Chapter	 Mr Sunil Kotwal Co-Chairman IGBC Nashik Chapter	 AR Hiten Sethi Chairman IGBC Navi Mumbai Chapter	 Mr Ashok B. Chhajer Co-Chairman IGBC Navi Mumbai Chapter	 Er J N Khataniar Chairman IGBC North-East Chapter

 Mr Saurav Pansari Co-Chairman IGBC North-East Chapter	 Mr Sudip Kumar Chairman IGBC Patna Chapter	 Ar Abhishek Sharma Co-Chairman IGBC Patna Chapter	 Dr Poorva Keskar Chairperson IGBC Pune Chapter	 Mr Rishi Manjrekar Co-Chairman IGBC Pune Chapter
 Mr Niraj Viradiya Chairman IGBC Surat Chapter	 Mr Punit Mittal Co-Chairman IGBC Surat Chapter	 Mr Sameer Gupta Chairman IGBC UP State Chapter	 Mr Amit Srivastava Co-Chairman IGBC UP State Chapter	 Ms Neetu Jain Chairperson IGBC Vadodara Chapter
 Ms Shreya Dalwadi Co-Chairperson IGBC Vadodara Chapter	 Dr K Leela Prasad Chairman IGBC Visakhapatnam Chapter	 Dr K Kumar Raja Co-Chairman IGBC Visakhapatnam Chapter	 Mr Sachin Sharma Chairman IGBC Western UP Chapter	 Mr K D Singh Co-Chairman IGBC Western-UP Chapter

Technical Committees

 Mr Ashish Rakheja Chairman, IGBC Technical Committee	 Prof.(Dr.) R. Chandrashekar Chairman, IGBC Green Healthcare Facilities Rating & Former Chief Architect, Ministry of Health & FW, Govt. of India	 H N Daruwalla Chairman, IGBC Taskforce Committee, Facilitation & Consultancy Services		
 Mr Sumit Mukhiya, Chairman, IGBC Green Data Center Rating	 Mr Pradeep Bhargava Chairman, IGBC Green Factory Rating	 Mr K Sriram Chairman, IGBC Skill Development Committee	 Mr A M Viswanathan Chairman, IGBC Green Logistics Parks & warehouses Rating System	 Mr Kamal Meattle Chairman, IGBC Health & Wellbeing Rating committee
 Ar B R Ajit Chairman, IGBC Green Interiors & Resorts	 Dr C Velan Chairman IGBC Green Education Committee	 Ar Sharukh Mistry Chairman IGBC Green Homes Steering Committee	 Ar C N Raghavendran Chairman IGBC Green New Building Rating	 Mr Wilson Jebaraj Vice Chair IGBC Green Education Committee
 Mr Jit Kumar Gupta Co-Chairman IGBC Green Hill Habitat Rating	 Mr M G Somashekar Chairman IGBC Green Affordable Housing Rating	 Mr Anup Mathew Chairman, IGBC Net Zero Waste Rating System for Buildings & Built Environment	IGBC Executive Committee Members	
 Mr Arvind Subramanian Managing Director & CEO Mahindra Lifespace Developers Ltd	 Mr Gurmeet Singh Managing Director Johnsons Controls - Hitachi Air Conditioning India Ltd	 Mr Amit Gossain Managing Director Kone Elevator India	 Mr Sanjay Labroo Managing Director & CEO Asahi India Glass Ltd	 Mr Anil Chaudhry Zone President and Managing Director, Schneider Electric India Pvt Ltd
 Mr Sanjay Mashruwala Managing Director Reliance Jio Infocomm Ltd				



IGBC local chapters are involved in:

- Policy advocacy
- Training & capacity building
- Networking & business opportunities
- Awareness & sensitization programmes
- Projects and case studies



The 'IGBC Green Champion Award' is the highest honour bestowed by IGBC upon the leaders of the green building movement in India. The IGBC-rated green projects belonging to many of these organisations have participated in the current or earlier volumes of the IGBC Coffee Table Book series.

Developer leading the Green Building Movement



Government organisation & PSU Championing the cause of Green in India



Metro Rail Corporations



Corporate leading the Green Building Movement in India



Pioneer in large scale adoption of Green Buildings in various sectors

Green Factories



Green Logistics & Warehouses



Green Datacenters



Green Bank Branches



Net Zero Projects



Green Hospitality



Green Villages



Green Schools





Architect leading the Green Building Movement in India



Organisation / Institute encouraging IGBC Accredited Professionals



Institution encouraging IGBC Green Education Programme



Pioneering Institution in sensitizing the masses by going green



Partnerships and MoUs

IGBC, as part of its multi-pronged strategy, works closely with both national and international stakeholders in facilitating the spread and growth of green buildings and built environment across the country. It also offers a platform to network and explore new growth opportunities.



IGBC at International Forums

IGBC is one of the early Founding Members of WorldGBC and has been playing a catalytic role in facilitating the spread and growth of global green building movement. IGBC has been the voice of Indian construction industry at international forums, including COP 21, UNDP, World Bank, WorldGBC.



IGBC Green League (IGL)



IGL has grown from a single-city initiative into a nationwide platform for green building excellence. Over nine editions, we have empowered thousands of professionals to champion sustainability, driving India toward a greener future.

Gurmit Singh
Chairman,
IGBC Green League (IGL)

Since its inception in 2016, the IGBC Green League (IGL) has become India's most sought-after training program for Green Buildings and the Built Environment. This initiative offers developers, architects, engineers, consultants, and corporates an immersive learning experience through tutorials, culminating in a national-level quiz competition focused on sustainability and green attributes. The IGBC Green League began as a regional initiative aimed at raising awareness about sustainable building practices. Over the years, it has grown into a national platform, engaging professionals from all corners of India. Transitioning to a virtual format during the pandemic expanded its reach, enabling engagement with a diverse and passionate audience. In its nine editions, IGL has trained over 3,000 professionals making a significant impact on the development of a sustainable built environment in India. As the program evolves, it is poised to continue empowering the next generation of green professionals to address climate change and sustainability challenges.

specialized sessions, the event offered a comprehensive understanding of sustainability practices, with most participants aspiring to become IGBC Green Accredited Professionals. The contributions of 50+ faculty speakers helped enrich the learning experience with their deep domain expertise and insights into real-world applications. Held in two phases—Phase I from June 11-15 and Phase II from August 6-10—the 2024 edition brought together 494 professionals from the building and construction industry, all eager to advance their expertise in green building and sustainability practices. We extend our gratitude to all participants and faculty for their enthusiastic involvement.

IGBC is committed to continuing this flagship program annually, aiming to grow the number of qualified green professionals to meet industry and national demands for excellence in sustainability, climate change mitigation, and environmental efficiency.

Key Statistics: • 494 participants from across India • 50+ technical sessions by industry experts • 20+ hours of rigorous training • Mock quiz preparation for the IGBC AP Exam • National-level quiz competition • Top 4 participants rewarded for their outstanding performance



IGL 2024: Reaching New Heights in Its 9th Edition The 9th edition of IGL witnessed a remarkable turnout, solidifying its position as a cornerstone of green building training in India. With over 25

IGL 2024 : Supporters

Principal

- ION EXCHANGE: Refreshing the Planet
- IES INTEGRATED ENVIRONMENTAL SOLUTIONS
- STARSHIELD: Smart Paints & Coatings

Co - Sponsor

- NIPPON PAINT
- PERFECT
- SAINT-GOBAIN

IGL National Quiz Competition 2024 - Winners

 Adhikesavan Anbazhagan Chennai	 Ronni Titus R Bengaluru	 Abhinaya Ganesh Chennai	 Parvinder Singh Saini Chandigarh
1	2	3	4

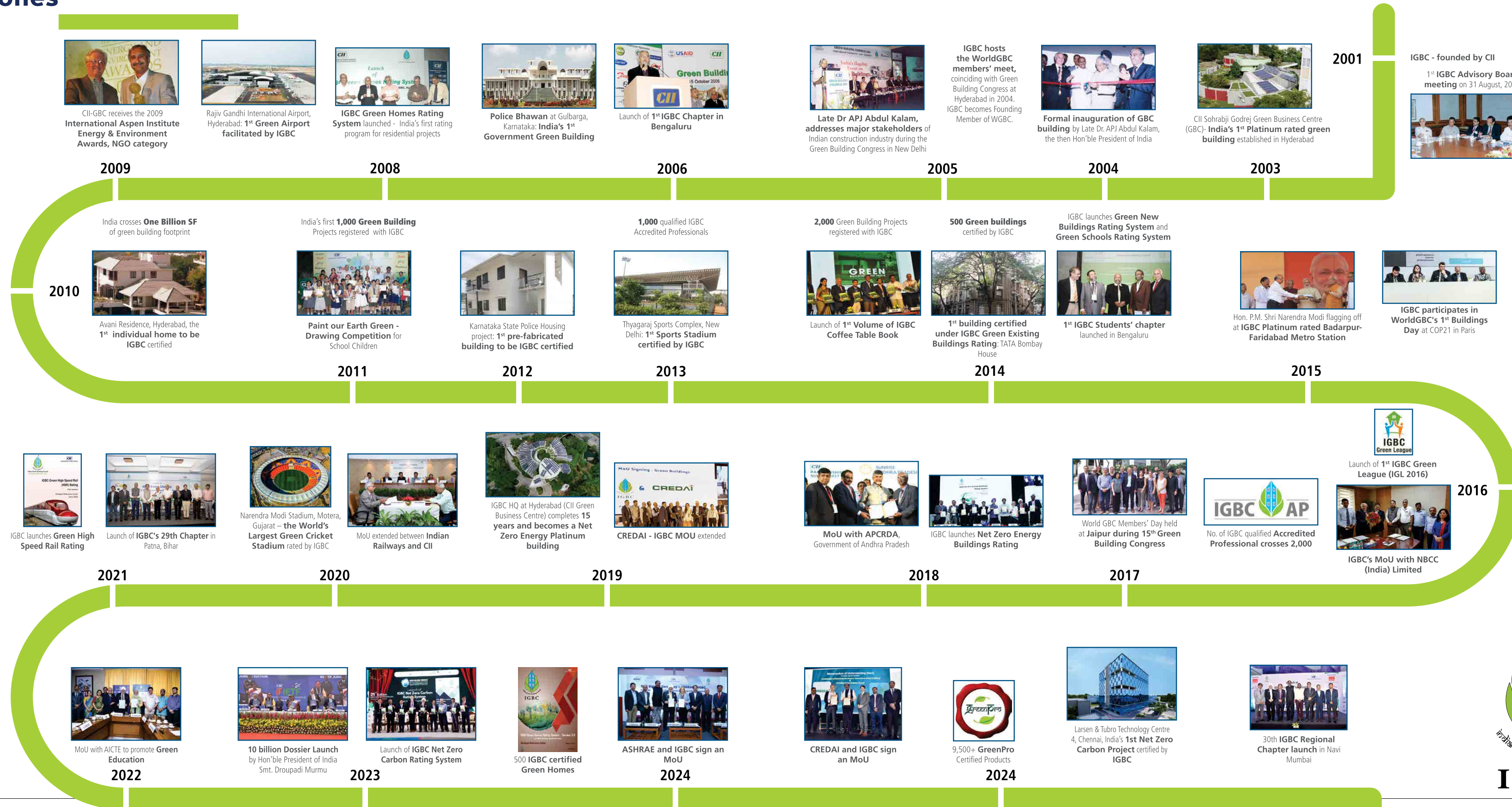
IGBC

Founding Members

IGBC acknowledges IGBC's founding members, members & all stakeholders for their time, efforts, dedication, active participation and involvement in the Indian Green Building Movement since its inception in 2001. . .



IGBC Milestones





"India's First Greenest Building in 2004 & IGBC Certified Net Zero Energy Building since 2019"



GreenPro

India's
Internationally
Recognised
Type-I Ecolabel

GreenPro

Today, adopting green practices is not just a choice but a necessity for a sustainable future. The Indian industry is gearing up to embrace these practices in alignment with global market trends and India's commitment to achieving Net Zero. Manufacturers are increasingly focused on producing products, materials, and technologies that have a lower environmental impact. A significant challenge for the construction industry is identifying and incorporating the right green products, materials, and technologies into their projects. Stakeholders are keen to understand what truly constitutes a green product. To address this, CII has launched GreenPro, a Type-1 Ecolabel based on ISO 14024, to guide stakeholders in making informed choices.



A.R. Unnikrishnan
Chairman, Green Products and Services Council



10,000+
Ecolabelled Products

300+
Companies
adopting GreenPro

30+
GreenPro
Product Categories

GreenPro Ecolabelling

GreenPro is a Type-1 Ecolabel launched by the Confederation of Indian Industry (CII) to promote the transformation of the green product market in India. Aligned with ISO 14024 standards, GreenPro employs a life-cycle approach to assess and label products and materials. This ecolabel serves as a valuable tool for stakeholders in the building sector, including architects, developers, builders, consultants, and specifiers, helping them select the right green products, materials, and technologies for constructing sustainable buildings. To date, GreenPro has certified over 10,000 products from more than 410 prominent manufacturers across 33 categories in the building industry. The label empowers end users to choose environmentally friendly products and materials, ultimately minimizing the ecological impact of construction activities and the built environment.



Benefits to Manufacturers

- Complements national and international standards and increases the acceptability of the product internationally.
- Easier to convince end users to adopt green products.
- Differentiates the green product from the competition – increases market reach-out.
- Enables Green Product Innovation.
- Enhances market reach with credible and precise information on Green Features
- Facilitates Export Opportunities

Benefits to Users

- Eliminates time and effort in carrying due diligence for selecting green products.
- Assures environmental performance of the products and equipment.
- Ensures toxic and carcinogenic free products.

GreenPro Ecolabelling covers more than 95% of Building Products Materials & Technologies



GreenPro for Industrial Sector

The automotive industry has been forthcoming with their sustainability goals and has committed to achieve the Net Zero by 2050. The OEMs are in the process of setting their net zero targets. The supply chain of the automotive industry contributes to more than 85% of their total emissions. Hence, there is need for the supply chain to reduce their emissions and contribute to achieving the targets of OEMs. GreenPro Ecolabelling is a tool to facilitate manufacturers to achieve net zero goals by establishing the carbon footprint of their products / components based on Life Cycle Impact Assessment as per the IS 14040/14044 Standards and implementing the decarbonization roadmap.



GreenPro Launches

CII - GreenPro in its recent initiative has launched GreenPro Ecolabelling for Facility Management Services. This is the first of its kind ecolabelling which is developed exclusively for rating the facility management services offered by the building owner to its occupants or tenants. The ecolabelling process will evaluate the services meeting its intended performance and the greenness of the service.



MOU with Eco Choice Aotearoa, New Zealand to facilitate Green Trade between countries.

Existing MOUs with Vitality Leaf, Ecological Union Russia & Green Label Thailand, Thailand Ecolabel Institute



Launch of GreenPro Ecolabelling for Services



Launch of 5th Edition of GreenPro Directory



Leadership Award for Volvo Group India for "Excellence in Green Supply Chain"



GreenCo

Accelerating the
Transition towards
Net-Zero

GreenCo Rating System



Companies have, in recent times, become interested in understanding their impact on the environment. This knowledge would enable them to develop an environmentally sustainable long term strategy to stay ahead of competition and regulatory requirements. This imperative is being addressed by the GreenCo Rating System, the first of its kind in the world. Launched in 2011, GreenCo rating is a robust evaluation process which rates the degree of environmental performance of the company.

GreenCo, a strategic framework first of its kind in the world, defines and assesses 'How green is a company', and facilitates the way forward towards world class green competitiveness by adopting Cradle to Grave life cycle approach in various parameters like Energy, Water, Material Conservation, Product Stewardship, Innovation and Green Built environment and improve their environmental performance of Manufacturing Industries in holistic way across the country



GreenCo: Empowering industries to Achieve Net Zero

GreenCo supports industries achieve net-zero goals in energy, carbon, water, and waste with practical strategies. Its guidelines align with global sustainability objectives, ensuring impactful actions. GreenCo also drives innovation and empowers industries to adopt emerging sustainable practices.

Energy - GreenCo has spearheaded numerous sectors in achieving a remarkable milestone of conserving energy of 561 million units through efficient equipment, lighting, and cooling systems. Till 2023, it enabled 20 GWp of renewable energy installations, cutting 5 million tons of CO2 emissions. These efforts deliver INR 4800 Crores in annual savings.

Water Neutrality - Water Neutrality Guidelines for industries addressing the efficient water usage by monitoring the consumption and implementing augmentation strategies. Through these practices, 193 million KL of water were saved, promoting conservation, equitable distribution, and sustainability for future generations.

Carbon Neutrality - Helped industries to track and inventorize their emissions (Scopes 1, 2, and 3) and implement best practices. By adopting renewable energy, efficient equipment, and various

carbon sequestration measures, companies conserved 561 million units of energy, cut 5 million tons of CO2 emissions, and achieved significant cost savings.

Zero Waste to Landfill - Guided industries to systematically manage waste, minimize toxicity, and conserve resources. By promoting a circular economy, companies reduce environmental impact, optimize raw material use, and repurpose waste as resources for other processes.

LCA - Encouraging Industries by evaluating environmental impacts across a product's life cycle using Life Cycle Assessment (LCA) and guiding companies in minimizing impacts, optimizing resources, fostering sustainable design, and encouraging responsible sourcing. Transparent LCA reporting enhances accountability and supports a more sustainable future.

Ecology - Fosters innovation for better environmental performance and business outcomes. It supports green ecology initiatives like tree planting, green belts, and workplace safety, improving employee well-being and productivity. Green belts mitigate emissions, enhance carbon sequestration, purify air, and conserve biodiversity, promoting sustainable ecosystems.

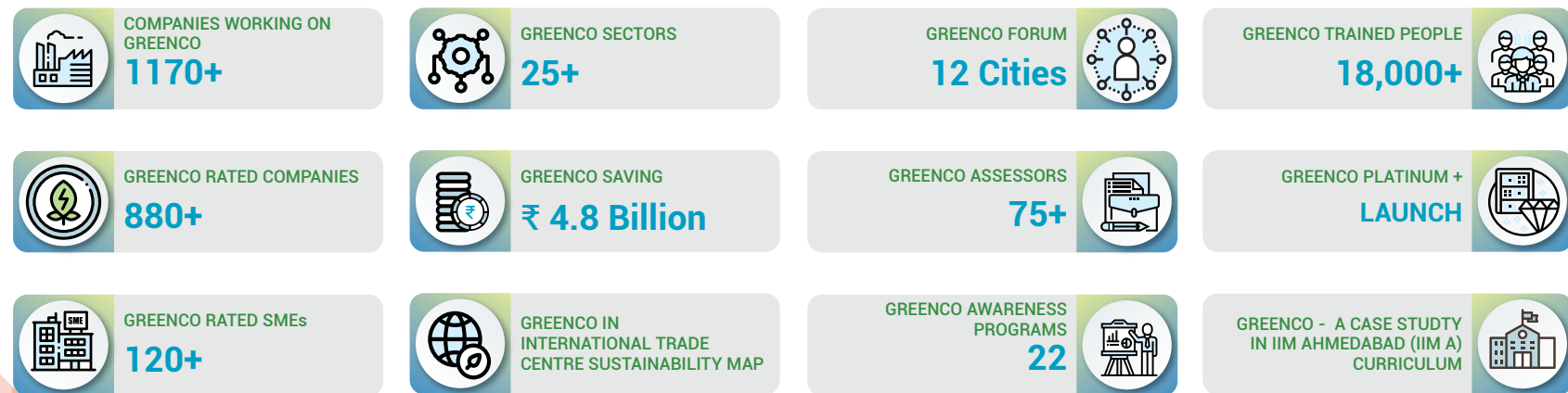


GreenCo Benefits for large companies



Recurring annual GHG emission mitigation 5 Million MT Co2 eq

Recurring annual saving from GreenCo Rated Companies ₹ 4,800 Crores



GreenCo Growth & Spread



GREENCO & ENVIRONMENT COUNCIL

GreenCo & Environment Council (also GreenCo Council) is the council comprising of the representatives of the industry leaders who are leading the initiative at the industry level. Eminent leaders from the

industry are invited to be a part of GreenCo Council. GreenCo Council meets every year during GreenCo Summit



Case-studies

Companies are becoming Green

GreenCo is a holistic green improvement tool resulting in significant resource savings, new business opportunities, greener supply chains and so on. More importantly, GreenCo has been “Transforming Goals to Gains”; goals – at the national level and organizational level and gains – both, tangible and intangible.



Accelerating GreenCo Movement



Mr Vikram Kasbekar
Chairman, CII-GreenCo Delhi Forum
Executive Director, Hero MotoCorp Ltd.



Mr P S Narayan
Chairman, CII-GreenCo Bangalore Forum
Global Head-Sustainability, Wipro Ltd.



Ms Vaishali Surawar
Chairwoman, CII-GreenCo Mumbai Forum
Head Of Sustainability, Hindalco Industries Ltd.



Mr Milind Wagle
Chairman, CII-GreenCo Pune Forum
MD, Burckhardt Compression (India) Pvt Ltd.



Mr Neeraj Agarwal
Chairman, CII-GreenCo Ahmedabad Forum
Plant Head, Tata Motors Sanand



Mr James Kurian
Chairman, CII-GreenCo Goa Forum
Associate Vice President
Godrej & Boyce Mfg. Com Ltd.



Mr Prakash Mohite
Chairman, CII-GreenCo Indore Forum
Director Manufacturing & Supply Chain
Cummins Turbo Technologies



Mr K N Rao
Chairman, CII-GreenCo Hyderabad Forum
Corporate Head (EHS, AFR, Energy & Sustainability) MyHome Industries Pvt. Ltd.



Mr C Chandru
Chairman, CII-GreenCo Rajasthan Forum
CEO - Smelters, Hindustan Zinc Ltd.



Mr K A Unni Nayar
Chairman, CII-GreenCo Chennai Forum
Dy Mfg Director, JK Tyre & Industries Ltd.



Mr Dinesh Shastri
Chairman, CII-GreenCo Kolkata Forum & Managing Director
TM International Logistics Limited (TMILL)



Mr Nihal Kaul
Chairman, CII-GreenCo South Andhra Pradesh Cluster & Head Manufacturing
Mentor Sustainability, Hero Motocorp Ltd.

GreenCo Education

Courses Offered

GreenCo e-learning is a virtual platform that develops professional expertise on climate change and environmental sustainability and offers robust green education certified professionals courses for professionals and students.

More than 3850 professionals have been certified.

Resource Efficiency and Environmental Sustainability

Sustainable Waste Management

Carbon Footprint

Life Cycle Assessment

Green Supply Chain



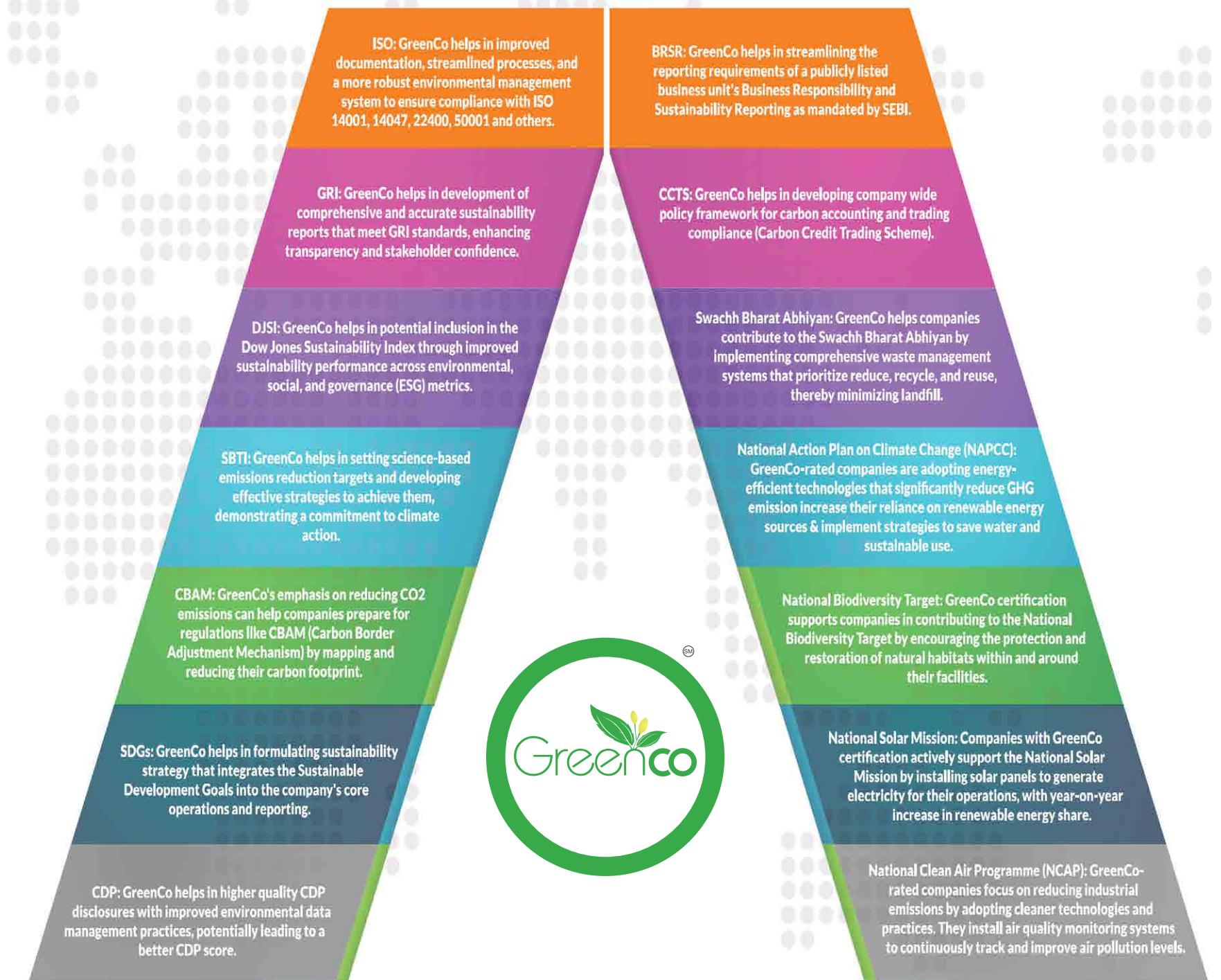
GreenCo Forums are the avenues for clients to share the GreenCo journey with the industry. GreenCo, via its 12 forums aims to create common platform for the industries to interact and develop bonding to strengthen the GreenCo movement. Every forum meets triannual basis with a plant visit hosted by one of the GreenCo rated Company.

GreenCo Forum is a unique platform where renowned thought leaders, passionate environmentalists, and dedicated practitioners converge to share best practices and forge collaborative paths toward a more sustainable future.

Journey of GreenCo



GreenCo Aligns with National & International Requirements



Incentives by PCBs

An exclusive incentive scheme has been introduced for industries in the form of special discount & recognition by the respective state pollution control boards.



Rajasthan State Pollution Control Board (RSPCB)

GreenCo has partnered with Rajasthan State Pollution Control Board (RSPCB) to promote green business practices and implement the GreenCo rating. 'Green Rating of industries in Rajasthan' in July 2021, the first of its kind in the country.

The program is aimed at enhancing and motivating the environmental performance of companies in Rajasthan, thereby enabling them initiatives with State Pollution Control Boards to compete globally, in addition to achieving resource conservation and cost benefits. An exclusive incentive scheme has been introduced for industries in the form of a reduction in consent fees from 5% to 50% based on achieved rating level and an increase in the consent period. Starting from May 2024, GreenCo rated companies in Rajasthan began receiving the benefits of the incentive scheme.

Karnataka State Pollution Control Board (KSPCB)

GreenCo has partnered with Karnataka State Pollution Control Board (KSPCB), since March 2023 to promote green business practices and implement the GreenCo rating. GreenCo renewed its MoU with KSPCB in 2024 for 'Green Rating of industries in Karnataka'.



An exclusive incentive scheme ranging from INR 50,000 to INR 10,00,000 is given to industries registered under KSPCB CII Green rating scheme in Karnataka State.

Goa State Pollution Control Board (GSPCB)

GreenCo has partnered with Goa State Pollution Control Board (GSPCB) to promote green business practices and implement the GreenCo rating. 'Green Rating of industries in Goa' in February 2023. The Goa State Pollution Control Board (GSPCB) has taken a unique step towards promoting sustainability in industries by incorporating the GreenCo rating parameters into mandatory environmental audits for red and orange category industries.

GSPCB aims to introduce a special incentive scheme and consent extension in future.



Recognitions



The Indian Government (Ministry of Environment, Forest and Climate Change, MoeFCC) has, in the Nationally Determined Contribution (NDC) document, acknowledged GreenCo as one of the voluntary initiatives of Indian industry, aimed towards achieving the national goal.



The United Nations Industrial Development Organization (UNIDO) has acknowledged GreenCo rating as one of the top 50 best practices in the world promoting environmental sustainability among the industries.



GreenCo rating is a published standard in the Sustainability Map by United Nations International Trade Centre, a global recognition for the Standard that contributes towards attaining UN-Sustainable Development Goals.



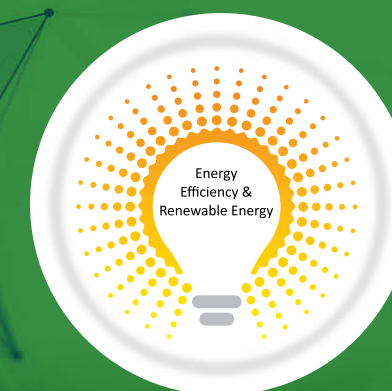
IIM, Ahmedabad included GreenCo Rating as a case study in PGP Program. Registered as Case Study at IIMA Case Centre.



GreenCo as a chapter in the book "Ecolabels, Innovation and Green market Transformation" written Prof. Douglas Noonan, Indiana University Purdue University (IUPUI), USA.



Article on "Sustainability in Emerging Markets: Evidence from India" covering GreenCo in International Journal written by Dr. George Wyeth, Fulbright Scholar and Attorney - adviser with the U.S. Environmental Protection Agency.



Energy Efficiency

Facilitating
Indian Industries
in leading
Global Energy
Transition

Energy Efficiency



Ravi Chandran Purushothaman
Chairman

India has set an ambitious target of reaching net-zero emissions by 2070, a challenging endeavor given its rapidly growing economy and substantial energy demands. To achieve this goal, India is adopting a range of strategies, including renewable energy, energy conservation, electrification, green hydrogen, carbon capture and utilization, and energy storage. The country has been proactive in energy conservation for decades, leading to a significant reduction in the energy intensity of its economy.

With India's energy consumption expected to peak in 2040, energy transition will be critical in the country's decarbonization path. CII-GBC has been a pioneer in the Indian industry's energy efficiency drive since the early 1990s.

To support India's transition to net-zero and maintain the competitiveness of Indian companies in an evolving climate regulatory landscape, CII-GBC has launched the CII - Net Zero Program. This initiative aims to facilitate the industry to identify new-zero target years and developing roadmaps and action plans.



Growth of CII Energy Awards in 25 years:

Sector participation 6 to 18 numbers	Applications 150 to 550 companies
Winners of the award program 50 to 200 numbers	Evaluation parameters 2 to 10 numbers
Panel of judges 15 to 35 numbers	Four panel events along with energy awards
Exhibition with 100 plus technologies	

CII initiatives with Bureau of Energy Efficiency

CII Green Business Centre is an Empanelled Accredited Energy Auditing Firm with the Bureau of Energy Efficiency (BEE), the nodal agency for Energy Efficiency in India. The Centre supports BEE in several initiatives focused on enhancing energy efficiency across various sectors, some of which are:

- Baseline energy & GHG emission data collection in the Carbon Credit Trading Scheme for 7 Sectors, 211 Units
- Supporting utilities in South India to design & implement demand side management program.
- Development of State Energy Efficiency Action Plan for South 12 states in South Zone and West Zone.
- Development of technology compendiums for achieving PAT Targets
- Study to understand potential to widen PAT Scheme to other sectors
- Monitoring & verification studies of designated consumers (DCs) in 6 sectors
- Capacity building program for the officials of State Designated Agency (SDAs), and State Electricity Regulatory Commission (SERCs) on the implementation of provisions of Energy Conservation Act.
- Scaling up Energy Efficiency / Renewable Energy implementation in SME clusters across 4 sectors, 20 states, 22 clusters, 1000+ Units

FACTS & FIGURES*

- 30+** years in Energy Efficiency Management
- 80+** Energy Efficiency Manuals/ Publications
- 2,100+** Energy Audits across Globe
- \$3 Billion+** Annual Recurring Saving Occurred
- 3,80,000+** Energy Audit Hours
- 100+** Energy Efficiency Studies & Projects
- 100,000+** Professionals Trained in Energy Efficiency Management
- 300+** Innovative Technologies/ Supplier Facilitation

LARGEST ENERGY AUDIT TEAM IN THE COUNTRY WITH

50 ENERGY AUDITING PROFESSIONALS

15 CERTIFIED ENERGY AUDITORS

7 ACCREDITED ENERGY AUDITORS

28 ENERGY MANAGERS & ENGINEERS

SUPPORTING ENERGY TRANSITION GLOBALLY

CII-Godrej GBC energy team has conducted detailed energy audits in various sectors across different countries, including Japan, South Korea, Philippines, Malaysia, Oman, UAE, Australia and the USA.



Focus Sectors

- ♦Automobile ♦Buildings ♦Cement ♦Chemical ♦Chlor-Alkali ♦Data Centers ♦DISCOM ♦Engineering ♦Fertilizer ♦FMCG ♦Metal ♦MSME ♦Paper ♦Petrochemical ♦Pharma ♦Power ♦Railways ♦Refinery ♦Sugar ♦Textile ♦Tyre ...and more

Activities under Energy Efficiency Council

The Energy Efficiency Council's activities can broadly be divided into:

- CII Net-Zero Program
- Energy audits and related activities
- Projects on energy and climate change
- Events and training programs

The CII-Net Zero Programme: The CII-Net Zero programme facilitates Indian industries in contributing to India's 2070 net-zero emissions goal and supports their alignment with global sustainability standards, amidst changing climate regulations. Stream 1 is dedicated to mitigating Scope 1 and 2 emissions while Stream 2 is for tackling Scope 3 emissions.

Energy audits and related activities:

More than 2,100 detailed energy audits have been carried out successfully, with over Rs. 25000+ crores (\$ 3 Billion+) annual recurring savings. Audits have been conducted in large, medium and small industries in almost all sectors of Indian industry. Audits have also been conducted internationally, in countries like Australia, Japan, South Korea, various African countries, Asian countries including Indonesia and Philippines, and in the Middle East. In addition to audits, the team also offers services like PAT facilitation, energy efficiency benchmarking, mandatory energy audits and M&V for PAT, GHG inventorization and studies, etc.

Projects on energy and climate change:

Over the years, CII Godrej GBC's project initiatives, in association with various partners, have been helping strengthen energy efficiency and climate change initiatives in the country. These projects have been diverse, ranging in duration from 3 months to 4 years, covering numerous themes comprising energy efficiency, roadmap development,

benchmarking, resource efficiency, innovation, technology, capacity building and development, facilitating finance, etc. Some of the key projects in recent times include:

Cement Sector Initiatives

CII-GBC has undertaken several initiatives to promote sustainability and energy efficiency in the cement sector, including:

- **Electrification of Trucks for Cement Sector in India:** CII-GBC, in partnership with International Sustainable Energy Foundation, is working on an initiative to facilitate electrification of trucks for cement sector. The initiative aims to reduce bottlenecks and adopt necessary interventions in the cement sector through shift from ICE to E-trucks. This will bring significant changes in the adoption of EVs and facilitate reduced emissions, improved air quality, and reduced dependence on fossil fuels; it also contributes to reduced total cost of transportation.
- **Cement Benchmarking Tool:** CII-GBC has developed a Cement Benchmarking tool which is extensively used by Cement Groups in India. This tool supports the Indian cement industry's progress towards Net-zero transition by continuously benchmarking the performance on the decarbonization agenda and 5 identified levers: Energy Efficiency, Alternative fuels & raw materials, Clinker substitution, Waste heat recovery, New Technologies/ R&D.
- **Facilitating the ecosystem for use of Application Specific Cement in India:** The initiative to facilitate the use of application-specific cement in India aims to create a sustainable ecosystem that drives reduced CO2 emissions, saves natural resources, and offers time and cost savings. As part of this effort, two training programs were successfully conducted in Trichy and Bangalore, engaging over 150 delegates. Additionally, two white papers were released, contributing valuable insights into the benefits and implementation of application-specific cement.



- **Facilitating use of Municipal Solid Waste as Alternative Fuel in Cement Industries:** The initiative to facilitate the use of Municipal Solid Waste (MSW) as an alternative fuel in cement industries aims to establish an ecosystem where municipalities can supply MSW to cement plants in India. This is achieved through various strategies, including awareness creation and onboarding of all stakeholders, capacity building for municipalities on the potential of MSW in cement plants, developing a business model for MSW utilization, and providing ongoing support to municipalities and cement plants for successful co-processing.

Innovation

- **The Facility for Low Carbon Technology Deployment (FLCTD),** supported by UNIDO, aims to discover and pilot innovative technologies which would lead to emissions reduction from Indian industry. In a unique model, the program financially supports selected technologies, identified through an extensive evaluation process, to the extent of USD 50,000 (each) to support their pilot at real-life industry sites. The initiative has successfully commercialized over 30 technologies, resulting in a potential energy savings of 841+ GWh. Additionally, it is estimated to contribute to a reduction of over 2 million metric tons in CO2 emissions, further

advancing sustainability goals in the industry.

- The Indo-Sweden Innovations' Accelerator program, supported by the Swedish Energy Agency, since the start in 2012, has introduced more than 60 Swedish Cleantech companies in India, resulting in over 200 projects across India and six local subsidiaries thereby help enable Make in India and Clean India Missions.

Initiatives for states

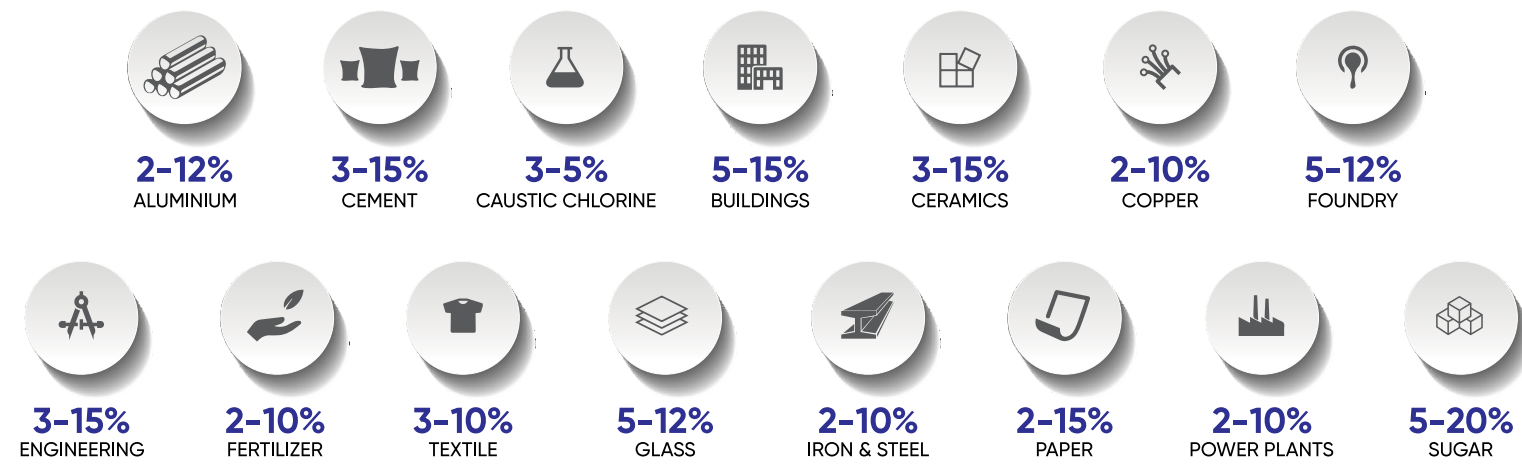
- **The State Energy Efficiency Action Plan,** supported by the Bureau of Energy Efficiency, envisages to estimate the potential of energy conservation in sectors that are predominant in the region and prepare action plans to achieve the same. The key outcome of the project includes strategic action plans for improving energy efficiency in the selected areas which can result in an overall energy savings of about 30 Mtoe by 2030.
- **Capacity building for SDAs and SERCs:** The CII-Godrej GBC has been assisting several Indian states in estimating their carbon footprint and, in the process, helping them plan for low-carbon development. The capacity-building program for officials of State Designated Agencies (SDAs) and State Electricity Regulatory Commissions (SERCs) supports the implementation of the provisions of the Energy Conservation Act in the West Zone, covering 7 SDAs and 4 SERCs.

Recent Initiative

- **India Green Steel Coalition (IGSC):** To promote green steel manufacturing and consumption in India through enabling policies and demand alignment, India Green Steel Coalition (IGSC) was constituted by Confederation of Indian Industry (CII) and WWF-India. IGSC supports the efforts of the government towards increasing domestic steel production and for creating an enabling environment for sustained reduction in emissions intensity of the sector.



LIST OF AUDITED SECTORS & ENERGY SAVING POTENTIAL*



Events & Training Programs

The annual CII Energy Efficiency Summit is a flagship event of CII, providing a platform for knowledge dissemination and technology exhibition. The summit also hosts the annual CII National Awards for excellence in Energy Management. These Awards are based on a comprehensive methodology for evaluating the energy performance of companies, and of innovative products. Awards are presented based on sustainable performance over the previous three years. Other sector specific events include Green Cementech, Green Steel Summit, PaperTech, Power Plant Summit and Green Sugar Summit.

The team also annually conducts over 20 training programs on energy efficiency, around the country. These training programs annually are designed to build capacity of individuals on energy management, thereby promoting the concept on energy efficiency on a large scale. Over 1,00,000 professionals have been trained over the years. In addition to these training programs, various knowledge publications including case studies and best practices manuals are developed and released every year.

Select Clients - National & International



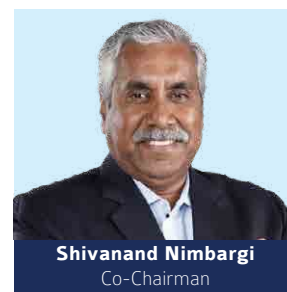
Renewable Energy

Accelerating Deployment of Renewable Energy for Achieving Net Zero

Renewable Energy



Ramesh Kymal
Chairman



Shivanand Nimbargi
Co-Chairman

Renewable energy (RE) is playing a significant role in the overall energy ecosystem of India. India has seen rapid growth in the RE sector with 158 GW of installed capacity as of December 2024. This achievement is attributed to the favourable policies of the Government of India (GoI), support from states and proactive initiatives of the Indian industry. The RE division, under the aegis of the Renewable Energy Council of CII-Godrej GBC, has the vision of enabling India to emerge as a global leader in the RE sector. The exclusive RE Council consists of senior members drawn from industry, manufacturers, users, and nodal agencies.

Activities under Renewable Energy Council

Rooftop Solar Vendor Rating Program: The RE division of CII-Godrej GBC is implementing a unique initiative named Rooftop Solar Vendor Rating Program (VRP) for improving the quality, performance and safety of rooftop solar installations in the country by creating a network of high performing vendors. As part of the program, rooftop solar vendors (for

e.g., installers, EPC agencies, project developers, system integrators) are assessed based on their technical expertise, financial strength, and most importantly the onsite performance of their installations.

As of December 2024, 103 vendors from 17 States in the country have been certified under the program. Based on the learnings and experiences from VRP, CII-Godrej GBC has played a significant role in the adoption of a rating programme under PM-Surya Ghar: Muft Bijli Yojana which is aimed at solarising one crore households in India. UPNEDA (Uttar Pradesh New & Renewable Energy Development Agency) and JAKEDA (Jammu and Kashmir Energy Development Agency) have recognised VRP by offering to certify their empanelled vendors under VRP. Small Industries Development Bank of India (SIDBI), AU Small Finance Bank and cKers Finance have recognised VRP and offered to consider certified vendors favourably in their financing schemes. United States Agency for International Development (USAID) and Climate Policy Initiative (CPI) have supported the VRP initiative.



In addition, the RE division is planning to support REC Limited in supporting the implementation of rating programme under PM-Surya Ghar Yojana and also expand VRP to some of the other South Asian Countries.

Facilitation of RE Adoption in Industry through Net Zero Energy Roadmaps, Strategies and Feasibility Studies:

The RE division of CII-Godrej GBC facilitates the adoption and implementation of RE systems and technologies in industry. This includes feasibility studies to evaluate techno-economic viability of projects, tendering support, handholding for project implementation/ RE power purchase and strategic net zero energy roadmaps for RE adoption. The RE division has worked with notable organisations such as Toyota Kirloskar Motor Pvt. Ltd., Hindustan Petroleum Corporation Ltd. and Indian Oil Petronas Pvt. Ltd. on increasing the share of RE in their overall energy mix. RE adoption by various corporates was studied in detail and a report was also published under DFID's Power Sector Reforms programme.

Green Power Market Development Group (GPMDG):

The GPMDG programme, with WRI India as a partner, had the goal to rapidly increase uptake of RE by Indian Industry. Activities under GPMDG included aggregating demand and deal facilitation, creating discussion platforms for buyers, sellers and Government, mapping energy requirements of corporates, working with Government to address policy and regulatory issues, and facilitating finance for RE projects. Stakeholder engagement through GPMDG in States such as Karnataka, Tamil Nadu, Maharashtra, Telangana, Andhra Pradesh, Delhi-NCR and Rajasthan have resulted in enhanced RE adoption by Industry (around 650 MW) and favourable policy and regulatory ecosystem.

Performance Improvement of Solar Assets: The RE division of CII-Godrej GBC is offering this as a service to solar project developers and end users. Based on the study of existing solar assets, through various

activities, opportunities are found to be available for their performance improvement. The RE division has recently assessed the performance of India's first parabolic trough based concentrating solar power plant of 50 MW capacity located in Nokh, Rajasthan and identified opportunities for increased energy generation and cost savings.

Renewable Energy Demand Enhancement (REDE):

CII, in partnership with WWF-India, worked on Renewable Energy Demand Enhancement (REDE) Initiative for commercial and industrial consumers. Through this initiative, CII and WWF-India organized brainstorming sessions and discussion platforms with committed corporates to ascertain status on RE procurement, and engage with central and state level policymakers, regulators and distribution utilities to address the barriers that are



holding up RE adoption.

Cleantech Entrepreneurship and Financing Advisory Program:

CII-Godrej GBC was engaged with Indian Industry and leading financial institutions in India to facilitate large-scale investments into the Indian RE sector under this program. The highlight was pro-bono mentoring and finance facilitation for promising RE projects. Through this programme CII has engaged with more than 185 stakeholders representing the RE financing institutions, banks and RE developers.

Green Power Summit:

Green Power is the annual conference and exposition in RE, being organised by CII since 2002. The main objectives of Green Power – the flagship event of CII in RE – are to promote investments in the Indian RE sector and help the Government in meeting its 500 GW target by 2030. Highlights of Green Power include high-level business networking, industry-government interactions and sessions covering a wide range of topics such as central and state-



level policies, financing, grid management and storage, innovative technologies and opportunities in wind, solar, and biomass sectors.

Performance Excellence Awards for Solar, Wind & Hybrid Plants:

The Performance Excellence Awards for Solar, Wind and Hybrid Plants is a unique annual initiative instituted by the RE Council of CII-Godrej GBC to recognize and honour the best performing solar, wind and hybrid plants in the country. The objectives of these Awards are to recognise and reward excellence in operation of solar and wind plants in the country and accelerate the RE movement in the industry through wider dissemination of best practices.



The inaugural edition of the Awards was held in 2018, and till date, around 140 plants have been awarded for demonstrating leadership and excellence in operational performance and innovation.

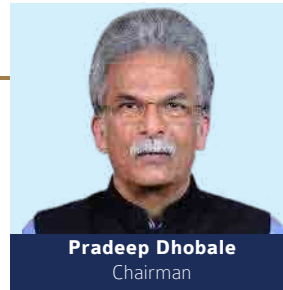
Coffee Table Book: The RE Council has launched the 1st edition of its Coffee Table Book titled “Clean and Green Energy: Champions Pioneering India’s Renewable Energy Movement” – India’s first exclusive and world-class publication showcasing exemplary renewable energy plants and manufacturing facilities in India, along with their best practices and unique features.



CII - Green Entrepreneurship Council

Driving the Cleantech Ecosystem in India

Green Entrepreneurship Council



Innovation in low carbon technologies is being undertaken in India at some of the premier research institutions, R&D labs of a few organizations, and by a small set of entrepreneurs, but a strong impetus is a necessity to turn these concepts into reality, to enable these innovations to reach, and be used by, greater numbers of end-users.

The challenges that these innovators face are rooted in the lack of: capacity in reaching out to new sectors; understanding of clean technology benefits by consumers; capacity to scout for and nurture new ideas for product diversification; customer confidence in the technology; and lack of word-of-mouth from beneficiaries to others. Essentially, all these factors lead to an increase in the cost to acquire customer (CAC) for the start-up, and prolonged exposure to high CAC gradually compels the company to close down or stop innovating. There is huge potential to develop the enabling ecosystem for cleantech entrepreneurs and start-ups in our country by bringing all the right stakeholders together to fill in the gap between availability and implementation of technology.



Supporting CleanTech Startups

Acknowledging these challenges and the immense potential that a robust support system has to promote low carbon development, CII – Sohrabji Godrej Green Business Centre (GBC) has formed the Green Entrepreneurship Council (GEC), with a vision to facilitate India to become one of the leaders in cleantech entrepreneurship. The Council aims to accelerate the business growth of cleantech startups by creating an interactive ecosystem of innovators, implementors/ users, and mentors to propel innovation in technologies sought by the market and support the faster implementation of these innovations.

The key objective of the GEC is to enable growth stage enterprises reach out to the larger market with the possibility of business engagement nationally as well as internationally, thus accelerating their growth and, by extension, the country's sustainable development by addressing the social, economic, and environmental capital through their technology. This will be done by providing a spectrum of services tailored to reduce the cost of customer acquisition for the cohort members and supporting them in brand promotion and positioning.

Impact:

- 30+ Cleantech Startup Cohort Members
- 15 + Sectors Engaged
- 350+ B2B Interactions
- 500+ B2B Interests from Industry

Accelerating Cleantech Enterprises (ACE) Program

To advance the objectives of the Council, GEC launched the Acceleration of Cleantech Enterprises (ACE) program in 2020. After the successful launch of the first cohort with 8 members onboard, 4 more cohorts under ACE were launched in the subsequent years, resulting in 45+ strong team of cleantech innovators assisting Industries in achieving their sustainability goals.



All these 5 cohorts have a wide spectrum of cleantech enterprises, ranging from energy efficiency/IoT enabled EE solutions, water management, renewable energy, and waste management.

Cohorts launched are on a rolling basis with the steady inclusion of new startups every year. Over the three-year duration of every cohort, the ACE programs aims to increase each cohort member's revenues by a factor of five.



Spectrum Covered under ACE

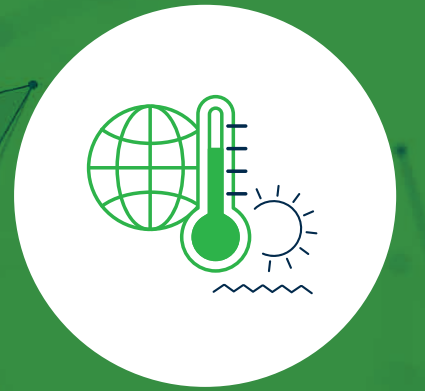


Overall Impact of the ACE Program:

- CleanTech Spectrum covered: Energy Efficiency / IoT enabled EE solutions, Water Management, Renewable Energy, Waste Management.
- Introduced the startups to 15+ Sectors: Aluminium, Automobile, Aviation, Buildings, Cement, Chemical, Educational Institutes, FMCG, Iron & Steel, Metal, Pharmaceuticals, Railways, Refinery, Textile, Tyre, Thermal Power Plants etc.
- Outreach: Physical pitching sessions and interactive workshops conducted in Tier 1 & Tier 2 cities attracting 3000+ industry stakeholders
- Implementation: Projects close to 1,350 lakhs successfully received by the startups since the beginning of ACE and additional 950 lakhs in pipeline
- Knowledge Sharing Programs: 100+ webinars / conferences / exhibitions/ other engagement activities organised
- Physical Industry visits: 550+ industry visits arranged in large group industries/ manufacturing sites for ACE companies to market their offerings and assess the sector potential
- Online Capacity Building programs: Introduced some ACE companies to industry/technology specific/ Angels experts for better understanding of the sector space and enhance their business activities
- Opportunities through audits / requirements from overseas (UAE, USA, Philippines, Bangladesh)



Benefits to the Industry/Building stakeholders:



Green Cooling Council

Addressing urban cooling demands sustainably

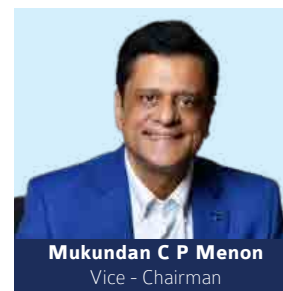
Green Cooling Council



B Thiagarajan
Chairman



Kamal Nandi
Vice - Chairman



Mukundan C P Menon
Vice - Chairman

The Green Cooling Council, a newly launched initiative by CII Green Business Centre, serves as a dynamic knowledge and technology-focused platform dedicated to advancing sustainable cooling solutions. With a mission to catalyze the development and adoption of low-carbon technologies, the council aims to foster global partnerships, promote cutting-edge research, and create an ecosystem that supports innovative solutions for OEMs and end-users. By empowering startups and driving collaboration, the Green Cooling Council aspires to mitigate carbon emissions, addressing the critical climate impact of cooling systems and paving the way for a more sustainable future.

Focus Areas

GREEN COOLING COUNCIL

- COMFORT COOLING**
 - Buildings and Built Environment
 - Automobile
- INDUSTRIAL COOLING**
 - Process and Equipment
 - Data centers
- COLD STORAGE**
 - Food/Beverage/Vaccine etc.
 - Appliances (Refrigerator etc.)



1st Meeting
(11th May 2024), Mumbai



2nd Meeting
(6th Sept 2024), Mumbai

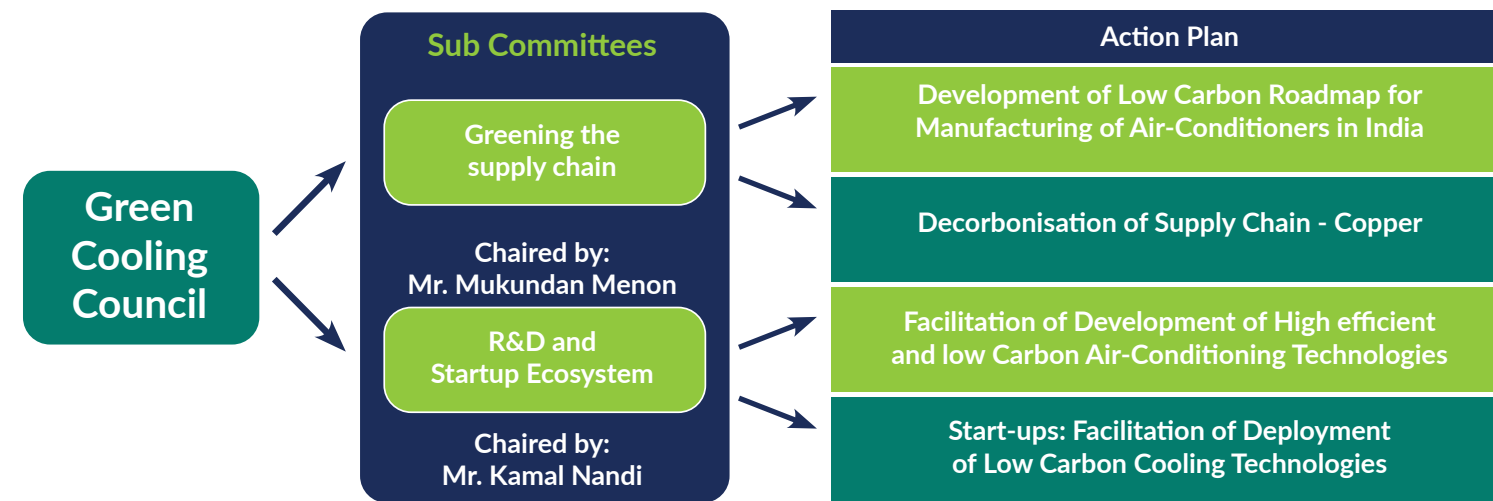


Key Members:

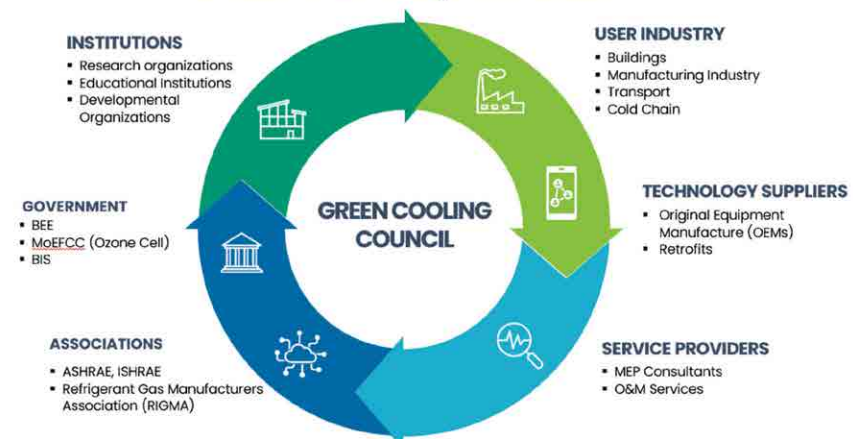
- Industry Domain Experts & OEMS
- Academicians (IIT, NIT, etc.)
- Representative of Central Govt (DST)
- Developmental Organizations (UNIDO, SSEF, World Bank, GGGI, WRI, CEEW)
- Associations (RAMA, CEAMA, ICA, ISHRAE, AHRI, ASHRAE, etc.)
- Individual Int. Experts (Heat Int, Germany)



Formation of subgroups for specific actions



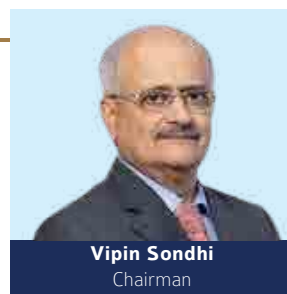
Stakeholders Representation



Council on Green Mobility

Decarbonizing India's transport sector

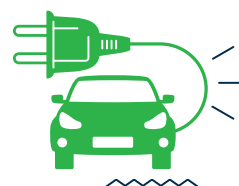
Council on Green Mobility



Vipin Sondhi
Chairman



Ms. Geetanjali Kirloskar
Co-Chair



The CII Council on Green Mobility was formed in May 2024 to support India's movement towards green mobility, which will, in turn, support national net zero goals. The Council will engage and involve all stakeholders to leverage their expertise in developing actions on green mobility. This would be across policy, capacity building, projects, and platforms.

The Council members represent all stakeholder groups, across manufacturing, upstream and downstream supply chains, think tanks, associations, and academia.

The inaugural meeting of the Council on Green Mobility was held on 10th May 2024. During the meeting, members provided detailed

inputs on key focus areas for the Council. It was also decided that the Council would undertake a few selected, short-term, and focused activities each quarter to ensure a measurable impact. As a result, the following three outcomes have been achieved:

- The team has analyzed the EV policies of all states in India, drafted a model EV policy, and submitted it to the ministry for consideration.
- The team has deliberated on the status of battery technologies and developed a detailed roadmap for India to become self-sufficient in battery manufacturing.
- A survey on user-end challenges and pain points is expected to be completed by the end of 2024, with actionable outcomes to be developed.



Potential Impacts/Benefits

- Reduction of GHG emissions and air pollution
- Efficient use of energy
- Lower dependency on finite fossil fuels

Environmental



- Improved air quality
- Fewer respiratory diseases
- Enhanced well-being for communities

Public Health



- Diversification of energy sources
- Greater use of renewable energy
- Lower vulnerability to oil price fluctuations.

Energy Security



- Creation of green job opportunities in sustainable industries.
- Reduction of healthcare costs related to air pollution.

Economic Benefits



- Reduced transportation costs.
- Addressing transportation - related inequalities.

Social Equity



Hard Rocks to Habitat Green



Chairman of CII - GBC's visit during construction

CII - GBC Hyderabad



CII - GBC (IGBC HQ) Hyderabad - India's First Platinum Rated Green Building

Dignitaries at CII - GBC



H.E. Mr. John Thwaites, Deputy Premier, Minister for Environment & Water, Victoria.



H.E. Mr. Stephen L. Johnson, USEPA



H.E. Mr. Duck-Soo Han, Deputy PM and Minister of Finance, South Korea



Her Excellency Ms. Micheline Calmy-Rey
President of Switzerland



H.E. Mr. Pierre Vaesen, Ambassador of Belgium



H.E. Mr. Asko Numminen, Ambassador of Finland



H.E. Mr. Timothy J. Roemer, US Ambassador to India



H.E. Mr. Abdullah Al-Darhari, Deputy Prime Minister of Syria



The Hon. Simon Crean, MP, Australian Minister for Trade



H. E. Lyonchen Tshering Tobgay, Hon'ble Prime Minister of Bhutan



H.E. Mr. Dalton McGuinty, Premier of Ontario, Canada

GBC Inspiring Young Minds



CII - GBC

Partners* in Progress...

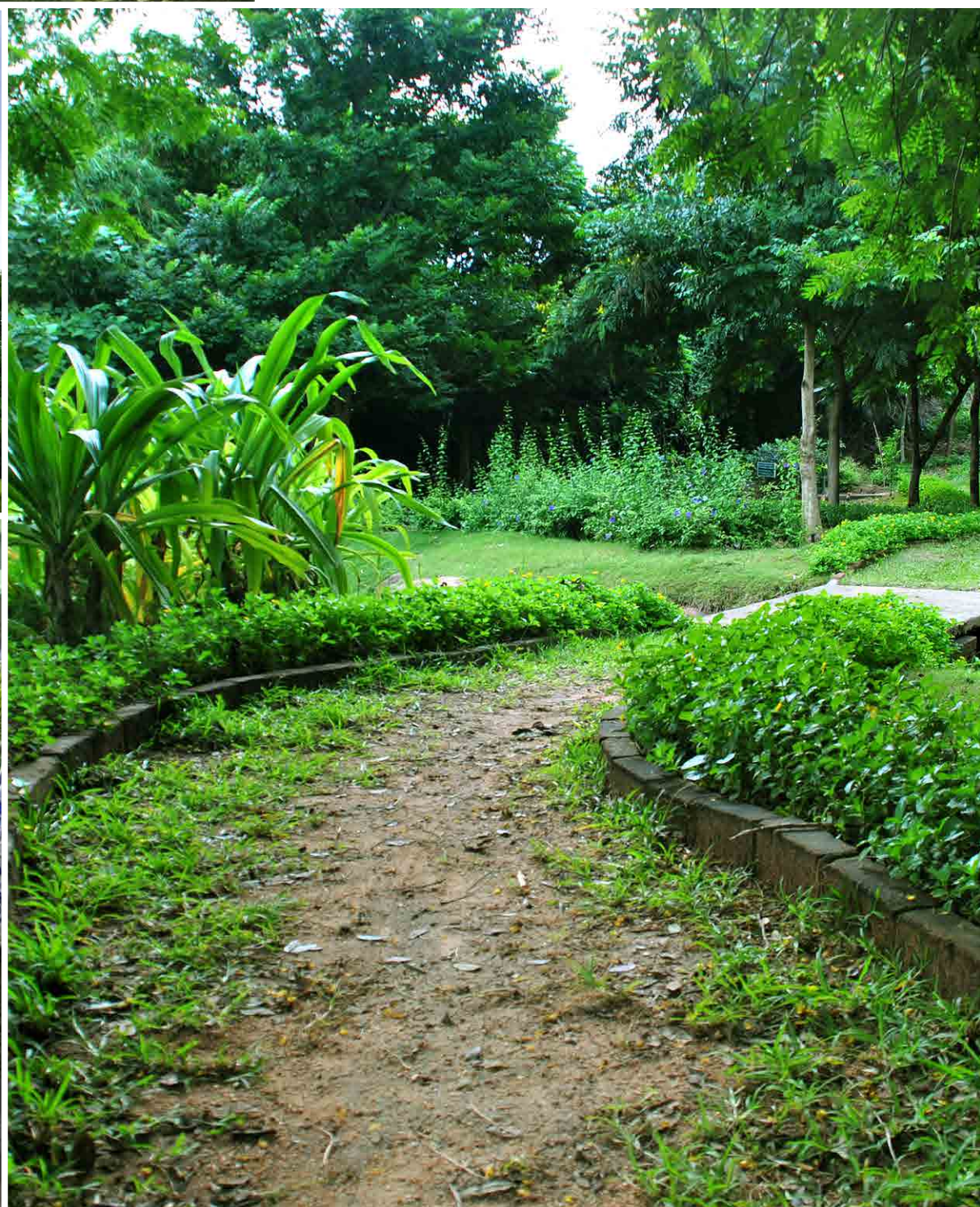
CII - GBC is grateful for the support of our national and international partners.





Biodiversity at
CII - GBC
Hyderabad, India





CII - GBC
Team



AVINDER SINGH
INFORMATION CENTRE

Confede





Confederation of Indian Industry

About CII

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with around 9,000 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 365,000 enterprises from 294 national and regional sectoral industry bodies.

For more than 125 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness, and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Through its dedicated Centres of Excellence and Industry competitiveness initiatives, promotion of innovation and technology adoption, and partnerships for sustainability, CII plays a transformative part in shaping the future of the nation. Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes across diverse domains including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

For 2024-25, CII has identified "Globally Competitive India: Partnerships for Sustainable and Inclusive Growth" as its Theme, prioritizing 5 key pillars. During the year, it would align its initiatives and activities to facilitate strategic actions for driving India's global competitiveness and growth through a robust and resilient Indian industry.

With 70 offices, including 12 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with about 300 counterpart organizations in almost 100 countries, CII serves as a reference point for Indian industry and the international business community.

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