

THE CII BUSINESS DELEGATION AT COP 28, UAE



Newsletter | Week 2

Dear Colleagues,

We are pleased to share the active engagements of the CII Business Delegation during COP 28, UAE. The delegation made a resounding impact on this global platform, underlining India's commitment to driving global sustainability.

In week 1, the business delegation members spoke at various panels and sessions, showcasing thought leadership on critical issues. From discussions on global sustainability to achieving net-zero and just transitions, these leaders from Indian Industry demonstrated their expertise and dedication to fostering positive change.

As we entered Week 2 of COP 28, the delegation was dedicated to making significant strides towards a more sustainable future. As this edition of the global negotiations come to an end, we look forward to building upon the momentum generated, forging meaningful collaborations, and leveraging expertise and experience to shape decisions that will accelerate the transition to a low-carbon economy.

India Submits its Third NATCOM to the UNFCCC

9 December, 2023

The Confederation of Indian Industry recently collaborated with the Ministry of Environment, Forest and Climate Change of India (MoEF&CC) in the formulation of the National Inventory of Greenhouse Gases (GHGs) related to the Industrial Processes and Product Use (IPPU) sector, as part of **India's Third National Communications (NATCOM) to the United Nations Framework Convention on Climate Change (UNFCCC)**.

Some of the key highlights from this report include:

- India has showcased an impressive 33% reduction in emission intensity from 2005 to 2019.
- In 2021-22, India allocated approximately 5.5% of its GDP for climate adaptation efforts.
- India anticipates spending an additional Rs 57 lakh crore over the next seven years on climate adaption.
- Climate-induced damage could potentially increase India's expenditure by an additional Rs 15.5 lakh crore.
- The total greenhouse gas (GHG) emissions in 2019 amounted to 3.13 billion tonnes of carbon dioxide equivalent, with the forestry sector absorbing some emissions.
- The net emissions stood at 2.64 billion tonnes, which is less than half of the United States emissions and less than one-fourth of China's emissions.
- The energy sector accounted for more than 75% of India's total emissions. Agriculture contributed approximately 13% of emissions.
- The Industrial Processes and Product Use (IPPU) sector accounted for 8.41% of the total emissions in 2019, making it a crucial focus area for sustainable and low-carbon industrial practices.

CII is honoured to have served as the focal point for estimating GHG emissions from the IPPU Sector. We remain steadfast in our commitment to advancing sustainable industrial practices and supporting India's climate goals.



Key Highlights from Week 2 of the CII Business Delegation at COP 28, UAE.

Actioning Solutions for Global Sustainable Development and Governance of Resources

7 Dec, 2023

The Leaders' Dialogue : **'Actioning Solutions for Global Sustainable Development and Governance of Resources'** hosted by Confederation of Indian Industry in partnership with Council on Energy, Environment and Water (CEEW), Ministry of New and Renewable Energy (MNRE), and International Solar Alliance all at COP 28 brought together key stakeholders from the government, private sector, think tanks, and research institutions to foster meaningful dialogue and develop innovative solutions for advancing sustainable development and addressing pressing global challenges.

These discussions highlight unwavering dedication to advancing sustainable development and responsible resource management. It's truly inspiring to witness cooperation spanning various sectors and countries as we strive towards a more environmentally friendly and sustainable future.



The focus has been on electrifying the economy as much as possible. As far as India is concerned, efforts have been made towards greening the grid and will continue to be made. You can see that sense of urgency in the kind of tendering we are doing.

Out of the 50 GW trajectory that we have laid for the current year and the next 4 years from now, about 31 GW operates have already been issued and the rest are already planned for issuance. So the supply side, india has gone ahead. The pace now needs to be shown in execution.

Mr Dinesh Jagdale
Joint Secretary, Ministry of New and Renewable Energy, GOI

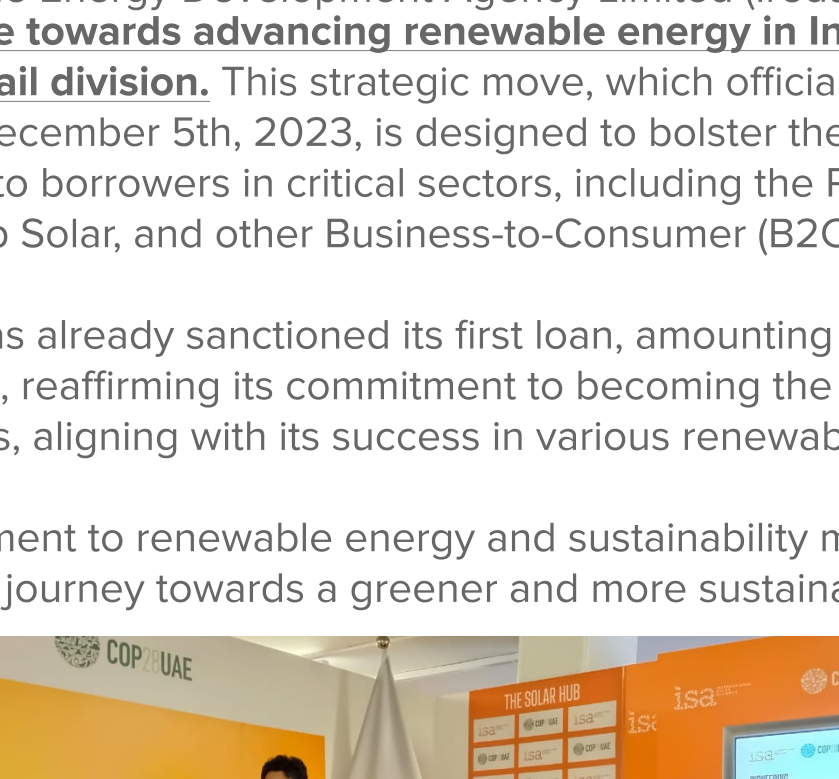
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Financing Industry Transitions in Emerging Markets and Developing Economies

8 Dec, 2023

Mr Vish Iyer, Chief Commercial Officer, Jackson Green, Mr Samir Ashta, CFO, Apraava Energy, Mr Anil Jain, Country Head, Jain Irrigation Systems Ltd., Mr Peeyush Mohit, Founder and Chief Operating Officer at O2 Power, Mr Pradeep Kumar Das, Chairman & Managing Director, IREDA and Mr Barry Schiffman, Advisor, Mandala Impact Capital, spoke at the event **'Financing Industry Transitions in Emerging Markets and Developing Economies'**, organized by CII, Ministry of New and Renewable Energy (MNRE) and International Solar Alliance (ISA).

The session highlighted the need for collaboration, innovation, and strategic investments to fuel sustainable growth in emerging markets and developing economies.



While people across the globe have made commitments, the challenge lies in seeing whether those commitments have translated into disbursements. The commitment or signing a loan agreement is not the aim.

The aim is that the money must reach the people who need it. That is very important because making a commitment is one thing and disbursing is something else.

Mr Samir Ashta
CFO, Apraava Energy

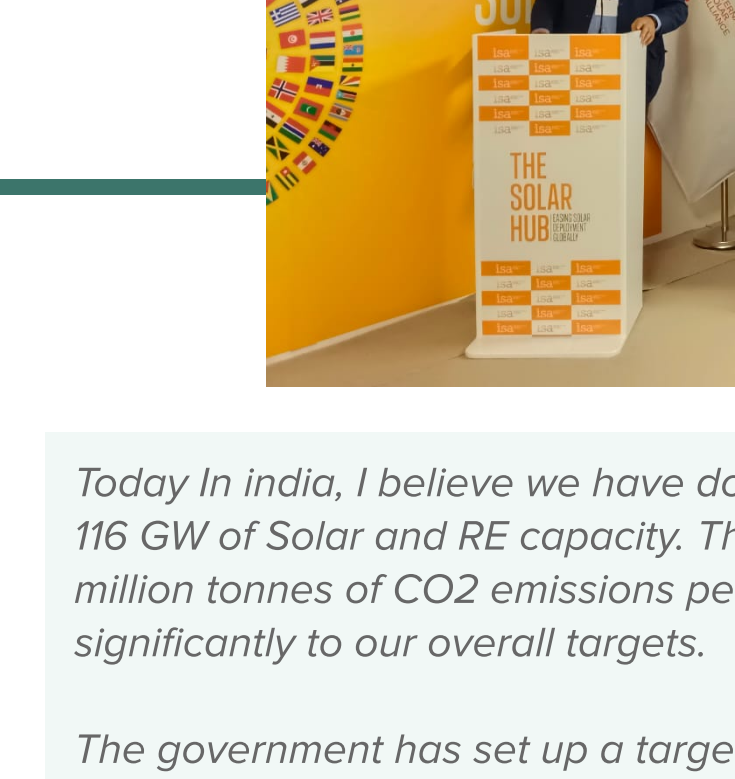
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Building Social Protection Systems That Support a Just Transition

9 Dec, 2023

Mr Anil Jain, Country Head, Jain Irrigation Systems Ltd., spoke at the session on **'Building Social Protection Systems That Support a Just Transition'** co-organized by the International Labour Organization and Universal Social Protection 2030 (USP2030) working group on Social Protection and Climate Change.

Some of the key themes discussed were how social protection systems go beyond providing financial support and serve as a catalyst for a just transition. They reduce vulnerability to climate risks, effectively safeguarding individuals and communities from the detrimental impacts of environmental shocks.



Since there are a lot of discussions around solar and wind projects, another thing we must think through, in terms of financing and climate change, is - are we able to finance the farmers directly to create solar panels on the farms, under which they can grow their crops and then also inject that power back into the grid.

Mr Anil Jain
Country Head, Jain Irrigation Systems Ltd.

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Pioneering Sustainability in MSMEs: Envisioning Global Growth and Local Impact

10 Dec, 2023

Mr Pradeep Kumar Das, Chairman & Managing Director, IREDA Ltd., spoke at the session on **'Pioneering Sustainability in MSMEs: Envisioning Global Growth and Local Impact'**, organized by the Confederation of Indian Industry, in partnership with the Ministry of New and Renewable Energy (MNRE) and International Solar Alliance.

He highlighted how MSMEs are the lifeblood of emerging economies, contributing a staggering 40% to their GDP and playing a pivotal role in shaping economic landscapes globally. However, despite their monumental impact and contribution, a significant credit gap persists.



In India, the second contributor after Agriculture is MSMEs, but both the sectors are deprived of banking. About 40% of the GDPs of emerging economies comes from SMEs and 90% business happens in SMEs.

However, 40% of SMEs in developing countries have so far not met banking support. In fact, in India we have 64 million SMEs but hardly 14% get finance support.

Mr Pradeep Kumar Das
Chairman & Managing Director, IREDA Ltd.

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IREDA Launches Retail Division: Targets PM-KUSUM, Rooftop Solar and other B2C Segments

10 Dec, 2023

Indian Renewable Energy Development Agency Limited (Ireda) has taken a **significant retail towards advancing renewable energy in India with the launch of its retail division**. This strategic move, which officially commenced operations on December 5th, 2023, is designed to bolster the emphasis on providing loans to borrowers in critical sectors, including the PM-KUSUM scheme, Rooftop Solar, and other Business-to-Consumer (B2C) segments.

IREDA's Retail has already sanctioned its first loan, amounting to Rs. 58 crores under KUSUM-B, reaffirming its commitment to becoming the preferred lender in new segments, aligning with its success in various renewable energy sectors.

IREDA's commitment to renewable energy and sustainability marks an important milestone in our journey towards a greener and more sustainable future.

Today In india, I believe we have done reasonably well. We are at about 116 GW of Solar and RE capacity. That 116 GW is helping us save 280 million tonnes of CO2 emissions per annum. This is contributing significantly to our overall targets.

The government has set up a target of 500 GW. This means we are more than tripling over the next 7 years. For this, capital can be a bottleneck. There are some lenders who understand this sector deeply and therefore are comfortable in lending. The lending community becomes more comfortable as you start shaving away the risks.

Mr Peeyush Mohit
Founder and Chief Operating Officer, O2 Power

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Launch of the CII Video 'India Industry Led Innovations : Adapting Agriculture and Food Systems for Climate Resilience and Sustainability'

10 Dec, 2023

COP 28 underscores the critical importance on the sustainability of food systems, recognizing their dual role as contributors to global greenhouse gas emissions and as crucial elements for the livelihoods of nearly half the world's population.

Set against the backdrop of escalating climate-related disasters, COP 28 emphasized the urgent need to address challenges faced by smallholder farmers, particularly in countries like India. Various interventions have been undertaken by Indian Industry with the aim of "Putting nature, people, lives and livelihoods at the heart of climate action." A video highlighting **'India Industry Led Innovations : Adapting Agriculture and Food Systems for Climate Resilience and Sustainability'** was released on 10 Dec, 2023, by CII at the India Pavilion at COP 28.

Meet the CII Business Delegation to COP 28, UAE

NAME	DESIGNATION	COMPANY
Ms. Seema Arora	Deputy Director General	CII
Mr. Sameer Gupta	Chairman, CII MSME Council and CMD	Jakson Group
Mr. Koushik Chatterjee	Chairman, CII National Committee on Steel and CII National Committee on Taxation, Executive Director & Chief Financial Officer	Tata Steel Ltd
Mr. Vineet Mittal	Chairman, CII National Task Force on Green Hydrogen and Co Chair, CII Renewable Energy Council and Chairman,	Avaada Group
Mr Rajiv Ranjan Mishra	Co-chairman, CII National Committee on Power and Managing Director	Apraava Renewable Energy
Mr. Hitesh Doshi	Chairman and Managing Director	Waaree Energies
Mr. Girish Tanti	Vice Chairman	Suzlon Group
Mr. Anil Jain	Managing Director	Jain Irrigation Systems Limited
Mr Vijayanand S	President and CEO	Amara Raja Batteries Ltd
Mr. Samir Ashta	CFO	Apraava Renewable Energy
Mr. Pradip Kumar Das	Chairman & Managing Director	IREDA
Mr. Ashwani Dudeja	President and Director - Global Business Development	ACME Group
Mr Sandeep Kashyap	Chief Operating Officer	ACME Group
Mr Satish Mandhana	Senior Managing Director	Eversource
Mr Abhishek Poddar	Country Head and Managing Director	Macquarie India
Mr Parag Sharma	Vice Chairman CII Renewable Energy Council and Founder & CEO	O2 Power
Mr. Prashant Choubey	President Business Development	Avaada Group
Mr Peeyush Mohit	Co Founder and COO	O2 Power
Mr Bikesh Ogra	Global CEO	Jakson Group
Mr. Vish Iyer	Global Chief Commercial Officer	Jakson Green
Mr. Vivek Sharma	Sr. Vice President and Head-Energy Strategy Group	Adani Energy Solutions Limited
Mr. Shikhar Jain	Executive Director	CII - ITC Centre of Excellence for Sustainable Development

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