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WEDNESDAY  
**22<sup>nd</sup>** | **20**  
APRIL | **26**

Sovereign Hall, Le Méridien  
New Delhi, India

4<sup>th</sup> EDITION

\$2 TRILLION CIRCULAR ECONOMY

**CLIMATE**

**FINANCING**

INSTRUMENTS FOR INDIA AHEAD COP30

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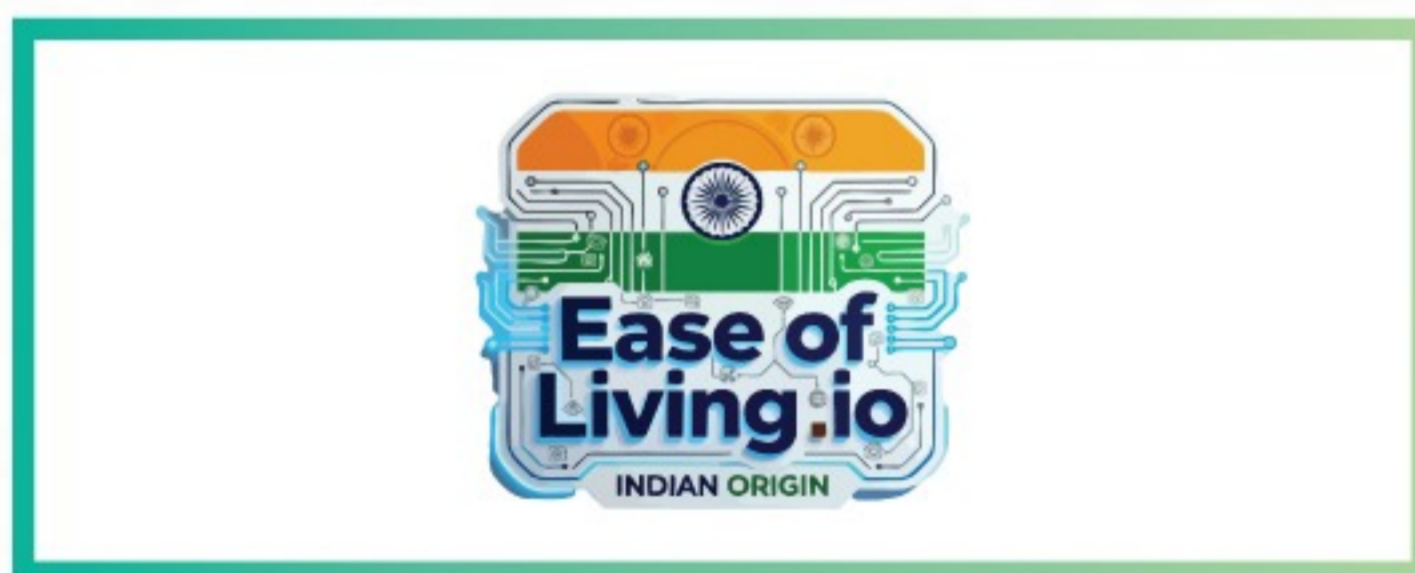
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# ABOUT CF

## NATIONAL MASTER PLAN

Blended Climate Financing is an **Ease of Doing Business** initiative under its **'Tech for Circular Economy'** program for Govt of India; contributing to building annual milestones of climate funds and green projects financing disbursed every year accumulating till **2030** up to **\$2 Trillion 'Climate Financing'** to meet **\$10 Trillion Green Economy ambition of India by 2070**.

This facilitates multiple green funding instruments suitable for businesses to take boardroom decisions to decarbonize their mobility, infrastructure, and power; along with provisions to reduce their interest rate from **sovereign green bonds and RBI initiatives** to encourage banks to dispense **green capital** at lower cost. EoDB also eases this mega transition with **Single Window Clearance** for constructions and permissions in association with local, municipal and development authorities to provide speedy **time-bound clearance** and map approvals for **green projects**.



# ABOUT EODB

## EASE OF DOING BUSINESS

**Ease of Doing Business (EoDB)** is a Special Purpose Entity (SPE) and currently India's premier **emerging Tech-Piloting agency**, contributing with its pilot projects in micro-level tech-economies, privately held and registered in New Delhi, across the states and sectors in the macro tech-o-nomic Bharat vision of PM Narendra Modi, popularly known as **MODINOMICS**. Since 2014, it has been extending Ease of Reforms with evidence-based tech-pilot programs for private sectors, exclusively contributing to the vision of our PM. Going beyond bureaucratic boundaries, it delivers actual **Ease of Doing Business** at grassroots levels through footprint ecosystem pilots for commercialization of emerging technologies like Electric Mobility, Green Hydrogen, Carbon Credits, HealthTech, Climate Monitoring, CBAM, AI, IoT, Blockchain, Drones, Cloud Computing, 3D Printing, Robotics, Automation, Machine Learning, Geospatial, Big Data Centres, etc.



## CLIMATE GOAL I

### Net Zero Pathway : Annual Milestones 2030

#### Measuring Progress on Climate Financing

Secure and allocate significant funds to climate-related projects, ensuring equitable distribution across sectors, while developing and implementing innovative financing instruments to attract global investments. Strengthen partnerships with international financial institutions and climate funds, monitoring and reporting on the effectiveness and impact of climate financing initiatives.

#### International Solar Alliance (ISA) & Global Biofuel Alliance (GBA)

Enhance collaboration with the International Solar Alliance (ISA) to scale up solar energy projects and promote adoption across various sectors. Support the Global Biofuel Alliance (GBA) in expanding the use of biofuels as a sustainable energy source, fostering research and development in renewable energy technologies to improve efficiency and affordability.

#### G20 Delhi Declaration

Implement policies and measures to achieve the G20 goal of reducing greenhouse gas emissions by 43% till 2030. Encourage industries to adopt clean and green technologies, increase public awareness and engagement in climate action initiatives, and regularly assess progress towards emission reduction targets, adjusting strategies as needed.

#### PM - Surya Ghar: Muft Bijli Yojna

Roll out the PM - Surya Ghar: Muft Bijli Yojna to provide free electricity through solar power to households, ensuring the installation of solar panels in rural and urban areas. Provide training and support for local communities to maintain and manage solar energy systems, measuring and reporting on the program's impact on reducing energy poverty and carbon emissions.



## CLIMATE GOAL II

# India Progresses Toward Building \$2 Trillion Circular Economy

## Hydrogen Mobility – Mission & Funding

- Launch and support initiatives focused on developing and deploying hydrogen fuel cell technologies.
- Secure funding for hydrogen mobility projects, including production, storage, and distribution infrastructure.
- Promote public and private sector investment in hydrogen technology research and development.
- Establish partnerships with global leaders in hydrogen mobility to share knowledge and best practices.

## Electric Mobility – Market & Financing

- Expand the Electric Vehicle (EV) market through incentives and supportive policies.
  - Develop and implement financing models to make EVs more accessible and affordable for consumers and businesses.
  - Invest in charging infrastructure to support the growing number of electric vehicles on the roads.
- Foster collaboration between the government, private sector, and financial institutions to boost the electric mobility ecosystem.

Climate Financing 2026 Edition, by setting these ambitious goals, aims to drive significant progress in India's journey towards sustainability, economic growth, and global leadership in combating climate change.



## CLIMATE GOAL III

### Tech for Circular Economy

#### Carbon Credit & Exchange

Develop and implement mechanisms for carbon credit trading, establishing exchanges to facilitate investment in carbon offset projects. Promote transparency and accountability in carbon credit markets to ensure integrity and effectiveness.

#### Emission Index & Ranking

Create an emission index and ranking system to assess and compare the carbon footprint of companies and industries. Provide incentives and recognition for significant emissions reductions, encouraging competition and innovation in reduction strategies.

#### Single Window Clearance for Change

Streamline regulatory processes for transitioning to circular economy practices, establishing a single window clearance system. Simplify and expedite the adoption of sustainable technologies, providing guidance and support to implementing circular economy solutions.

#### Architecture Solution for Transition

Support the development of comprehensive solutions for transitioning to circular economy models, offering technical expertise and guidance. Foster collaboration between stakeholders to address barriers to circular economy adoption.

#### Supply Chain from Consultants to Contractors

Strengthen the supply chain for sustainable products and services, promoting collaboration and knowledge sharing. Develop guidelines and standards for sustainable procurement and supply chain management.

4<sup>th</sup> EDITION



*I am a*  
**VIKSIT BHARAT**  
**AMBASSADOR OF CHANGE**

The Ambassador of Change Awards 2026, Viksit Bharat Edition, our the global leading awards celebrating leadership in sustainable businesses that are truly having an impact on economy, society, and the environment. These awards acknowledge excellent sustainability strategies in business that are delivering a new blueprint for businesses in coming days. The awards showcase a wide range of inspiring, innovative and creative approaches to delivering a better world through business today as well as promise for the future.

**MODINOMICS 3.0**  
ARTH ♣ SAMARTH ♣ UTKARSH

2026 EDITION

**Intent**

To inspire a global movement towards sustainable business practices that positively transform society and the environment.

**Content**

To recognise and celebrate innovative leadership in sustainability that sets new standards for responsible business operations.

**Extent**

To inspire collaboration and knowledge sharing among businesses, driving collective action towards a more sustainable future.



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# GLIMPSES OF CLIMATE FINANCING SUMMIT 2024



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# TAMIL NADU CLIMATE FINANCING ROUNDTABLE

TUESDAY | 20  
03<sup>RD</sup> | 24  
SEPTEMBER

Conference room, StartupTN  
Chennai Metro Rail Limited Building  
Chennai, Tamil Nadu

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# TAMIL NADU CLIMATE FINANCING ROUNDTABLE

TUESDAY | 20  
03<sup>RD</sup> | 24  
SEPTEMBER

Conference room, StartupTN  
Chennai Metro Rail Limited Building  
Chennai, Tamil Nadu

The Climate Financing Roundtable for Mobility & Zero-Emission Transportation (ZET) – Tamil Nadu was convened to address critical financing barriers limiting the large-scale adoption of electric trucks in India's freight sector. The roundtable brought together key stakeholders to develop practical, risk-mitigated blended climate financing solutions capable of accelerating investments for ZET and enabling faster deployment across priority logistics corridors.

# Electric Mobility



**"Though hydrogen is not there shortly, the provision to dispense hydrogen at each station has been made so that the same infrastructure and the same station can also dispense hydrogen in the future."**

**Shri Abhijeet Sinha**

Technocrat - Ease of Doing Business  
Program Director - National Highways for Electric Vehicle  
President - CPOs of India & Ex-CAG Member



## "Milestones for Electric Mobility and Climate Financing Initiatives"

### **A Roadmap for Formal Agreements and Climate Financing Initiatives**

The roles, challenges, and possibilities from both national and state government perspectives, focus on the Ease of Doing Business and electric mobility in Tamil Nadu.

The aim is to transition these discussions into formal agreements, with Tamil Nadu poised to become a leading state in electric mobility.





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**Shri Abhijeet Sinha**  
 Technocrat-Ease of Doing Business  
 Program Director-National Highways for EV  
 President-CPOS of India & Ex-CAG member



**Thiru. Sivarajah Ramanathan**  
 Mission Director  
 Startup TN



**Shri Viswanathan Srinivasan**  
 Chief Executive Officer  
 Tamil Nadu Green Climate Company, Govt. of Tamil Nadu



**Shri CN Prem Kumar**  
 Associate Vice President  
 Startup Tamil Nadu



**Shri Abhimanyu Singh**  
 Consultant  
 TN EV Task Force



**Ms. Shanmugapriya M**  
 Manager - Investment Promotion  
 (Automotive)  
 Guidance Tamil Nadu



**Shri Gowtham Daas**  
 Senior Manager  
 Guidance Tamil Nadu



**Shri Abhishek Gupta**  
 Program Manager  
 Ease Of Doing Business



**Dr. Karthikeyan Shantharam**  
 Board Member - CPOs of India  
 MD - Relux Electric



**Shri Alok Verma**  
 Head Corporate Strategy & Planning  
 Ashok Leyland



**Shri Ravi CSK**  
 Deputy General Manager Marketing  
 (Alternate Energy Trucks)  
 Ashok Leyland



**Shri Rajesh KC Dwivedi**  
 Area Head Govt. & Institutional Business  
 HDFC Bank



**Shri Sashi Kumar CK**  
 NHEV-Tamil Nadu State Partner  
 Board Member - CPOs of India  
 NHEV Working Group Member  
 MD -Turiya EV Charge Partners



**Shri Prakash Kumar**  
 NHEV- Tamil Nadu State Partner  
 Director Operations (co-founder)  
 EV Charge Partners



**Shri Lav Kush**  
 COO - OurBus



**Ms. Prajкта Adhikari**  
 Senior Project Manager  
 MP Ensystems Advisory



**Shri Shivankar Mayur Suresh**  
 Guest Speaker



**Shri Saikrishna Budamgunta**  
 CEO & Director  
 Pinaca Technologies



**Shri Krishna Chaitanya Reddy**  
 AGM Advanced Technology  
 Aisin India



**Shri Ajay Pratap Singh**  
 Co-Founder & CEO  
 SwitchLabs



**Shri Ravi Shankar**  
 Executive Director  
 Relux Electric



**Ms. Ridhi Gupta**  
 Senior Manager  
 redBus



**Dr. (Shri) Sessa Raghavan**  
 Program Lead Sustainable Mobility  
 The Council on Energy  
 Environment and Water(CEEW)



**Shri Kallol Dasgupta**  
 NHEV Working Group Member



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## TECH TRIAL RUN-III

9<sup>th</sup> September 2024

**332 KM**



Flagged off on World EV Day, 9th September 2024, Tech Trial Run-III demonstrated state of the art model of Annuity Hybrid E-Mobility (AHM) on the ground. TTR-III pivoted its focus toward making highway upgradation more inclusive and comprehensive, alongside the integration of Electric Trucks and ZET vehicles. The Trial aimed to generate more evidence-driven and techno-commercial data, thereby facilitating an accurate determination of station pricing and deployment, and also providing valuable insights to the stakeholders, users, subscribers, financiers, banks, operators, vendors and OEMs to use this scientifically credible & commercially viable output data of TTR-III in the immediate deployment of ZET, H<sub>2</sub>O and Electric Freight.

### What did we test ?



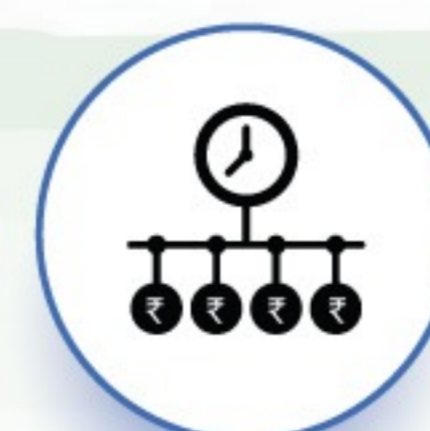
#### 1 Ton / Kilometer

Diesel Vs Electric  
Vs LNG cost



#### Total Cost of Ownership

10 EV Buses &  
ZET Truck fleet



#### Breakeven Period

1 EV Bus/Truck as  
per utilisation



#### E-Highway Freight Infra

Per KM upgradation cost  
for ZET Vehicles

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## 1000 E-Trucks Deployment in India



Decarbonizing India's trucking sector is vital to fulfilling the nation's climate commitments, enhancing energy security, and improving public health. To achieve this, the National Highways for Electric Vehicles (NHEV) initiative, under Ease of Doing Business (EoDB), has developed a Blended Climate Financing PPP Instrument to mobilize substantial private capital and fast-track ZET deployment. A key achievement is the mobilization of ₹500 crore through this Viability Gap Funding (VGF) blended finance instrument designed to reduce financial risk and enable scalable investment.

This mechanism provides fleet operators and manufacturers with a 12-month moratorium on EMI and interest payments, easing upfront financial pressure and supports the deployment of 1,000 electric trucks across India's major freight corridors, contributing to a sustainable and resilient freight ecosystem.



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Leela Palace, Chanakyapuri  
New Delhi, India

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**CIRCULAR  
ECONOMY**

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While India is aiming for a 45% reduction in the emissions intensity of its GDP by 2030 compared to the 2005 level and a target to generate 50% of its power capacity from non-fossil fuel sources, the country faces a substantial challenge due to greenhouse gas emissions, primarily driven by the energy sector, which account for approximately 75% of India's total emissions. Under the leadership of Hon'ble PM Shri Narendra Modi, from 2015 onwards, with the inclusion of the renewable energy sector under the Priority Sector Lending Scheme, The Government of India issued Green Bond guidelines through SEBI in 2017, and the Reserve Bank of India joined the Network for Greening the Financial System (NGFS) in 2021 and finally issued Sovereign Green Bonds in 2022. And here we are at the beginning of 2024 with an amazing year passed with global attention, a leadership exhibit at G20, and secured a promising position in decarbonizing emissions to build a \$2 trillion USD 'Circular Economy' within India holding its very first conference in 2024 on Climate Financing. Ease of Doing Business is committed to conducting this milestone program every year from 2022-2030, until it reaches \$2 trillion USD green economy as the first milestone of our larger national goal for 2030, multiplying every decade to reach \$10 trillion USD over the next four decades: 2040, 2050, 2060, and 2070.



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## Opening Session

### Lamp Lighting Ceremony

followed by the **Opening Address**

### ‘\$2 trillion Circular Economy Climate Financing instruments for India COP 28’



**Shri Abhijeet Sinha**

National Program Director - Ease of Doing Business  
Project Director - National Highways for Electric Vehicles  
President - Charge Point Operators Society of India

**Welcome Address** by Hon'ble Guest of Honour  
**‘Amritkal: India 2022 to 2047 Viksit Bharat Vision’**

**Hon'ble Guest Introduction & Welcome**



**Shri Brijesh Sujan**

Co-founder - HUSE Mobility on behalf of EoDB



## “Driving Action”

### India's \$2 Trillion Climate Financing Journey

The focus should be on action and collaboration in climate financing rather than just numbers and statistics. Practical work and evidence-based policy-making, rather than copying policies from other countries, are crucial. The aim is to achieve a clear roadmap for climate financing, targeting at least \$45 billion by 2030. It's important to have accessible financing instruments and involve startups and small businesses in climate change mitigation. India has the potential to achieve its economic goals, including a \$5 trillion economy and a \$2 trillion climate financing economy, through collaborative efforts and clear strategies.



## Green Future



## “Driving Towards Sustainability”

### Eco-Friendly Transportation Initiatives

The imperative for sustainable transportation solutions is underscored by India's commitment to a greener future. Huse, an environmentally conscious company, is leading the charge with initiatives like a megawatt-scale floating solar power plant and ventures into electric mobility. Amid concerns about infrastructure and energy storage hindrances to widespread electric vehicle adoption, wireless charging emerges as a compelling solution. It stands poised to play a pivotal role in realizing India's ambitious EV objectives.



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## Inaugural Session

**Inaugural Address:** Hon'ble Guest of the Highest Regard

**'Climate & Disaster resilience on critical 'Geospatial' data for rescue & defence preparedness in critical geographical terrains'**



**Lt. General Vinod G. Khandare**

PVSM, AVSM, SM

Principal Adviser, Ministry of Defence, Govt of India

Lieutenant General Vinod G. Khandare, PVSM, AVSM, SM is a former officer of the Indian Army and is currently serving as the Principal Adviser in the Ministry of Defence. He retired from active military service on 31 January 2018 and was the Military Advisor to the National Security Council Secretariat of India at the Secretary level from 2018 to 2021. In his final active military appointment, he served as both the Director General of the Defence Intelligence Agency and the Deputy Chief of Integrated Defence Staff for Intelligence from November 2015 to January 2018.

Hon'ble Guest & Subject Introduction

**'Use of Geospatial data in climate-related risk mitigation'**



**Shri Vinit Goenka**

Secretary - Centre for Knowledge Sovereignty  
Former Member Task Force IT, MoRTH, Gol

Vinit Goenka is a politician associated with the Bharatiya Janata Party for past twenty-five years from Booth level worker at Mumbai to national level politics as the National Co-Convenor of IT Cell. Currently, he is the Spokesperson of BJP, Delhi. He has authored the first ever book on Data Sovereignty in Indian context – Data Sovereignty the Pursuit of Supremacy and has been creating awareness about Data Sovereignty, Data localisation, Data Privacy and Security for India over the past decade.



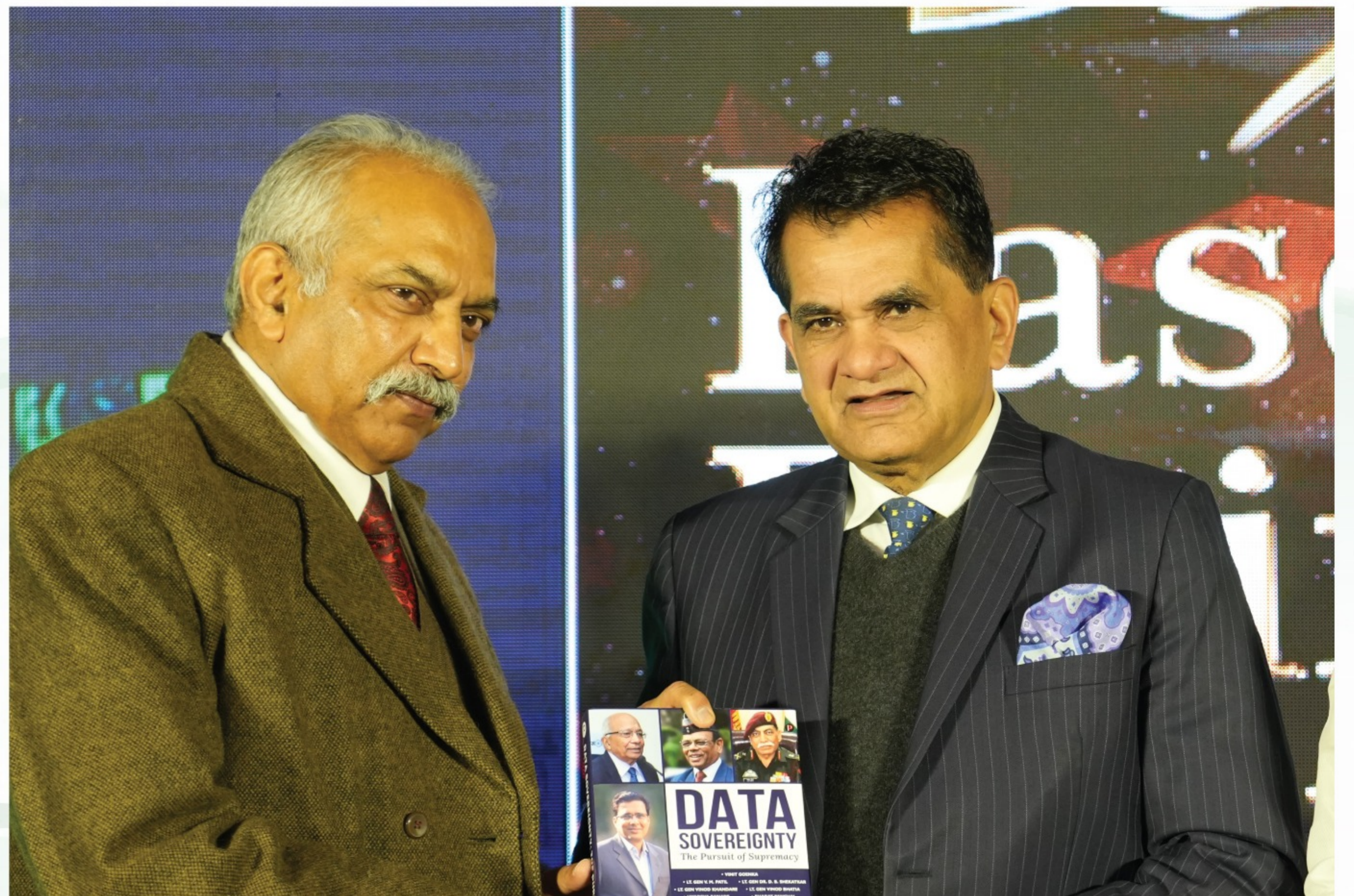
# Technology



**"Make technology, which is utilized by people who are simple, not educated, which can change the course of this country."**

**Shri Vinit Goenka**

Secretary - Centre for Knowledge Sovereignty  
Former Member Task Force IT, MoRTH, Gol



## "Empowering Farmers Through Technology"

**A Path to Prosperity and Resilience**

Through rapid information exchange facilitated by technology, farmers can make informed decisions on pesticide application, securing their livelihoods independently. This underscores technology's pivotal role in empowering marginalized communities and promoting public health, aligning with a broader vision of leveraging innovation to foster socioeconomic inclusivity and well-being. This narrative resonates with India's aspirational ethos of prosperity and resilience.





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## Technical Presentation



### 'EV Wireless Magnetic Induction Charging on E-highways'

A dynamic technical presentation ticking all the boxes of climate financing with the idea of creating sustainable impact on earth. Advancing the mission to provide sustainable solutions at affordable prices that drive India towards greener and sustainable mobility with prototype solutions of EV Wireless Magnetic Induction Charging on NHEV E-highways.

Imagine harnessing the power of the sun, while optimizing the surface of a glistening water body! With HUSE Energy Systems, we make our climate ambitions a possibility.

#### Presentation by



**Shri Aryan Mohanty**

Head of Business and Growth  
HUSE Mobility



HUSE Energy System was founded with the idea of creating a sustainable impact on Earth. It is a brainchild of Sujan Industries. We believe that saving Earth is a collective responsibility and we must come together to make it a better, greener and safer abode.

# Floating Solar



**“I see electric vehicles are definitely lucrative but to increase adoption of electric vehicles we have to give the consumers the advantage and the convenience to charge the vehicles.”**

**Shri Aryan Mohanty**

Head of Business and Growth, HUSE Mobility



## “Advancing Electric Mobility”

**Integrating Wireless Charging and Sustainable Mobility**

In the realm of electric vehicles (EVs), there exists a visionary initiative integrating wireless charging infrastructure with energy storage and lithium refining capabilities. This innovative framework also incorporates Mobility as a Service (MaaS) with a focus on last-mile connectivity, employing electric bikes and two-wheelers to offer a sustainable and economical commuting solution.





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## CLIMATE GOAL I

Chief Guest Address

### **‘Blended Financing: The Key to Unlocking Circular Economy in India’**



**Shri Amitabh Kant**

G20 Sherpa of India  
Former CEO - NITI Aayog

### followed by deliberations on **Blended Financing Instruments**

Today, we move ahead in this Circular Economy deliberation on Climate Financing closely debating Blended Financing models like Annuity Hybrid E-Mobility (AHM) that underscore blended concessional finance as an innovative financing approach to stimulate private sector investments in projects that address climate mitigation and adaptation, while yielding significant development benefits. Projects like NHEV are on the verge of commercial viability but require additional financial support to mitigate risks, provide incentives, or rebalance the risk-return profile to attract private sector investors. Its widespread adoption on 5,500 km e-highways in India should be considered, taking into account factors such as the instrument’s suitability, legal framework, project size, and the expertise and confidence of the institution providing the blended finance instrument. Instruments like AHM play a critical role in risk mitigation for high-impact projects or in adjusting the risk-reward dynamics, thus bringing the project closer to achieving commercial viability.

Mobilizing these investments in India is also critical for businesses to diversify their operations and reduce dependence on traditional markets while hedging against economic downturns in other parts of the world.

# “India will require substantial climate finance & catalyze private finance”

**Shri Amitabh Kant**

G20 Sherpa of India, Former CEO - NITI Aayog



## “Empowering India's Green Transition”

### The Urgency of Climate Financing

India's Urgent Call for Climate Financing is to Drive Clean Energy Transition and Sustainable Development. Emphasizing the Need to Overcome Outdated Fossil Fuel Reliance in Urbanization Models. Advocating for Renewable Solutions like Green Hydrogen to Decarbonize Hard-to-Abate Sectors, Stressed the Importance of Blended Finance to Mobilize Capital Effectively. India Urged to Lead Global Shift to Renewable Energy and Electric Mobility, Emphasizing Need for Innovative Financing Mechanisms to Achieve Ambitious Climate Goals and Foster Sustainable Economic Growth.

**Decarbonize**





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## CLIMATE GOAL II

### Fostering Sustainability & Accelerating Adoption

Climate financing instruments should be:

- Climate-focused and have a clear net-zero pathway with incremental data-driven evidence
- Climate-ready and able to understand the impact of climate change and crisis for businesses
- Climate-friendly and tap into the opportunities presented by the low-carbon alternatives



Moderator

**Shri Seshadri Raghavan**

Programme Lead  
The Council on Energy, Environment and Water



**Shri Shubhashis Dey**

Director - Climate Policy & Finance Programme  
Shakti Sustainable Energy Foundation



**Shri Apoorv Kulkarni**

Head of Research; Head of Centre of Inclusive Mobility  
OMI Foundation



**Shri C.S. Sharma**

Joint Director - PAD Division  
Quality Council Of India



**Dr. Ambika Behl**

Senior Principal Scientist - Flexible Pavement Dept.  
CSIR-CRRI



**Shri Vijay Jaiswal**

Director - Smart Freight Centre



## “Climate-resilient”

### Climate-resilient infrastructure, a step towards sustainable Mobility

Creating climate-resilient roads is a crucial step in fostering sustainable mobility. It's not merely about reducing carbon footprints; it's about crafting pathways that promote the well-being of both people and the planet. By integrating climate-resilient infrastructure with sustainable transportation systems, we can pave the way for a future where every journey contributes positively to our environment.



**Producing bitumen with biomass offers India a transformative opportunity for sustainable change. It decreases dependence on imported fossil fuels, enhances energy security, and reduces economic vulnerability to global oil market fluctuations. Biomass-derived bitumen can be carbon-neutral or even carbon-negative, aligning with India's climate goals & promoting a greener future.**





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## Technical Presentation



### Hydrogen & Electric Mobility Co-existence on Green Highways

Inclusive presentation covering various aspects of manufacturing of made-in-India electric vehicles, E3-wheelers, E-cargo vehicles, Municipal E-dump trucks, E-passenger buses, auto rickshaws, E2-wheelers, E-buses, complete green hydrogen ecosystem and hydrogen fuel cell buses domestically & also installation of EV charging stations across Indian states. Along with a wide range of futuristic global technology adoptions & interventions of green energy, hydrogen fuel cells, electrolyzers, zinc-air batteries, carbon capture, air defence systems, desalination, real estate, mining and mining equipment, power generation and transmission.

Presentation by



**Shri Jenender Anand**

President & CMO  
Erisha E Mobility

# ERISHA

A technology company pioneering the revolution in RE, EV Mobility, Green Hydrogen, Defence, Aerospace & Agritech driving transition to carbon-free future.



# Revolutionizing Electric Mobility

**Hydrogen is eco-friendly not a burden on your local power grid and is also sustainable.**

**Shri Jenender Anand**  
President & CMO  
Erisha E Mobility



## “Advancing Sustainable Technology”

### Solar Power : Transforming Agriculture

In the realm of agriculture, the organization is transitioning from traditional to electric tractors in agriculture, promoting sustainable practices. It plans significant solar power investments to reduce India's dependence on imported fuels, promote energy security, and position the nation as a global leader in sustainable technology. Through innovative projects and strategic collaborations, the organization is aiming for a greener, more resilient future for India's mobility and energy sectors.



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## Green Future

### Bridging the Gap between RE, Clean Transport and Climate Financing

#### ‘Making E-Highways Independent from Thermal Grids’

Deliberating upon innovative strategies and mechanisms aimed at detaching e-highways, vital conduits of renewable energy, from reliance on conventional thermal fossil fuel and coal power grids, and enhancing accessibility to renewable energy sources.



**Shri Subrahmanyam Pulipaka**  
Chief Executive Officer  
National Solar Energy Federation of India (NSEFI)



**Shri Abhijeet Sinha**  
National Program Director - Ease of Doing Business  
President - CPOS of India



**Shri Amit Bhatt**  
Managing Director - India  
International Council on Clean Transportation



**Shri Narendra Sujan**  
CEO & Co-founder  
HUSE Mobility



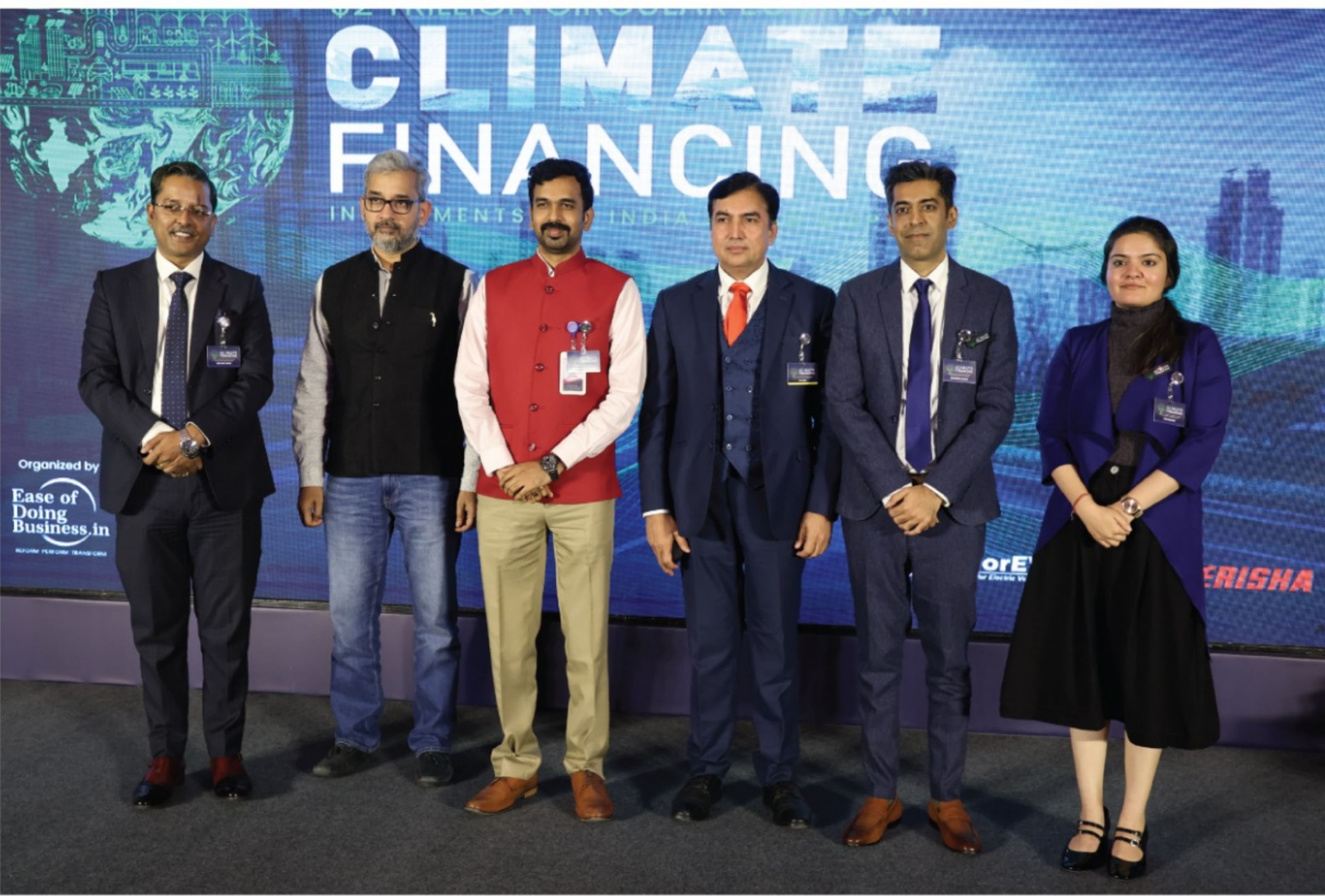
**Dr. (Shri) D.S. Rana**  
Chairman & Managing Director  
ERISHA E Mobility



**Ms. Swati Maini**  
Founder, Director  
Maini Renewables



**Shri Nishant Idnani**  
Managing Director  
Vaultus Green Funding



# Greenhouse Gas Emission

The evolving fuel landscape will leave many in flux: some off-balance, some adapting, and some under pressure.

Wireless charging is going to be a significant solution for bringing in mass adoption in electric vehicles.



Renewable and solar energy are no longer limited to daytime or intermittent supply. With the integration of advanced storage solutions, they now deliver firm, dispatchable power—enabling reliable, round-the-clock energy for your establishment.



Highways are a location where you see a lot of vehicles, a movement that can translate into wind energy that can be utilized for charging stations.



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\$2 TRILLION CIRCULAR ECONOMY

# CLIMATE FINANCING

INSTRUMENTS FOR INDIA AHEAD COP 28

TUESDAY  
09<sup>TH</sup>  
JANUARY  
2024

## Climate Goal III

### Special Guest of Honour Address

#### COP 28 UAE: India's Takeaway

'India at COP 28: The most progressive country with aggressive policies and circular economy potential for achieving climate ambitions'



**Shri Sudhendu J. Sinha**

Adviser (Infrastructure Connectivity & Electric Mobility) - NITI Aayog  
Knowledge Group Co-chair - NHEV (Honorary)

#### Clean Energy Infrastructure: Hydrogen & Electric Mobility Decarbonizing Road Transport for Net Zero Target

A thought-provoking presentation on current national transport emissions to achieve net zero by 2070 - India will have to have 100% ZEVs by 2050. Pathway for decarbonizing road transport is vital for our Climate and Energy Security Targets where nationally, we need ambitious ZEV penetration targets to pursue a sub -2° C compatible milestone. Presentation on why only battery-electric and hydrogen fuel cell vehicles have the potential to achieve near-zero GHG emissions.

#### Thank You Note & Way Forward



**Shri Amit Bhatt**

MD India - ICCT

**icct**  
THE INTERNATIONAL COUNCIL  
ON CLEAN TRANSPORTATION



**Dr. (Shri) D. S. Rana**

Chairman & Managing Director  
ERISHA E Mobility

**ERISHA**

# “Charting India's Sustainable Path”

## Climate Financing and Green Transition

Climate financing is vital in the battle against climate change, yet a significant gap exists between needed and available funds. To address this, emphasis is placed on fair distribution, transparency, and effective fund utilization. India showcases robust government initiatives and international partnerships, focusing on transformative mobility and energy missions. Collaboration fosters innovation, positioning India as a leader in clean energy, particularly in electric vehicle manufacturing. These efforts aim to pave the way for a greener, more sustainable future through collective action.



**“We do not want to be only an EV using Nation, we want to be a global EV Manufacturing Hub”**

**Shri Sudhendu J. Sinha**

Adviser (Infrastructure Connectivity & Electric Mobility)  
NITI Aayog, Govt of India



**“Electrification of Road Transport is the best bet for climate solution”**

**Shri Amit Bhatt**

MD India - ICCT

# Sustainable



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INSTRUMENTS FOR INDIA AHEAD COP 28

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JANUARY  
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## Climate Goal IV

### Festival of Manufacturing 2024 Curtain Raiser

**Mobil**<sup>™</sup>

Presents



**‘उद्योग उत्सव’**  
“THE FESTIVAL OF MANUFACTURING”<sup>™</sup>

Co-powered By

**AceMicromatic**<sup>®</sup>  
Group

followed by deliberations on

**Decarbonization of Manufacturing Ahead of 10<sup>th</sup> Year of Make in India**



**Shri Rahul Kamat**

Editor, B2B Division - Worldwide Media  
The Times Group



**Shri Abhijeet Sinha**

National Program Director - Ease of Doing Business  
Project Director - NHEV | DIISHA



**Smt. Preeti Bajaj**

CEO & MD  
Luminous Power Technologies



**Shri Nitin Vyas**

Managing Director & CEO  
Beumer Group



## Make in India 2.0: Trillion-dollar Transformation



### ‘उद्योग उत्सव’ “THE FESTIVAL OF MANUFACTURING”™



With targets set for net zero by 2070, industries are embracing green processes, making manufacturing not just efficient but also environmentally attractive.



The Festival of Manufacturing seeks to celebrate 10 years of Make in India to showcase the remarkable progress made in the last decade, highlight success stories, and chart the way forward for India's manufacturing sector.

Innovation





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## Climate Partnerships

### Memorandum of Understanding (MoU) Signings



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As we all heard at COP 28 Dubai, 'Blended Financing' is set to play a crucial role in bolstering India's transition to clean energy through its capacity to attract greater private investment into impactful climate initiatives. Globally, India is open for clean energy investments in the range of \$253-263 billion to align with its development and climate ambitions, which will rise to \$325-355 billion over the 2031-2035 period. This scale of finance can't be met just with public funds. India will require substantial climate finance flows to meet its developmental and climate ambitions. An investment environment that offers bankable projects, hedges risks of new technology adoption, promotes regulatory stability, and stimulates financial sector innovation is the need of the hour.

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INSTRUMENTS FOR INDIA AHEAD COP 28

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## Warrior of Climate Change 2024



**Lt. General Vinod G. Khandare**

PVSM, AVSM, SM; Principal Adviser  
Ministry of Defence, Govt of India

## Ambassadors of Change 2024



**Shri Satish Pandey**

Principal Scientist & Project Lead - Flexible Pavement Division  
Central Road Research Institute



**Shri C.S. Sharma**

Joint Director - PAD Division  
Quality Council of India



**Dr. Ambika Behl**

Senior Principal Scientist  
Central Road Research Institute



**Shri Subrahmanyam Pulipaka**

CEO  
National Solar Energy Federation of India



**Ms. Preeti Bajaj**

CEO & MD  
Luminous Power Technologies



**Shri Nitin Vyas**

Managing Director & CEO  
Beumer Group



**Shri Nishant Idnani**

Managing Director  
Vaultus Green Funding



**Dr. (Shri) D.S. Rana**

Chairman and Managing Director  
Erisha E Mobility



**Shri Narendra Sujan**

CEO  
HUSE Mobility



**Shri Apoorv Kulkarni**

Head of Research; Head of Centre of Inclusive Mobility  
OMI Foundation



**Dr. Himani Jain**

Mobility Professional  
The Council on Energy, Environment and Water



**Shri Narayankumar Sreekumar**

Associate Director - Electric Mobility Program,  
Shakti Foundation



**Shri Vinit Goenka**

Secretary - Centre for Knowledge Sovereignty  
Former Member Task Force IT, MoRTH, GoI  
Author-Data Sovereignty the Pursuit of Supremacy



**Shri Amit Bhatt**

Managing Director - India  
International Council on Clean Transportation



**Shri Akhilesh Srivastava**

World Economic Forum Road Safety 2.0  
IT Advisor to Govt. of Uttarakhand  
Member NHEV Knowledge Group  
Ex NHAI MoRTH, Govt. of India









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INSTRUMENTS FOR INDIA AHEAD COP 28

TUESDAY

09<sup>TH</sup>

JANUARY

2024

## Partners & Participants



ENERGY EFFICIENCY SERVICES LIMITED  
A JV of PSUs under the Ministry of Power



# Empowering Action Through Climate Finance to Build a Greener Future.

**2015**

Renewable Energy Sector Under the Priority Sector Lending Scheme of Govt. of India.

**2017**

Issuance of Green Bond guidelines by SEBI.

**2021**

RBI joined the Network for Greening the Financial System (NGFS)

**2024**



TUESDAY | 09<sup>th</sup> JANUARY 2024  
The Leela Palace, Chanakyapuri  
New Delhi, India  
**2<sup>nd</sup> EDITION**

**2022**

INDIA **COP26** EV RALLY

SATURDAY | 25 DECEMBER 2022  
Greater Noida, Uttar Pradesh  
**1<sup>st</sup> EDITION**

**2022**

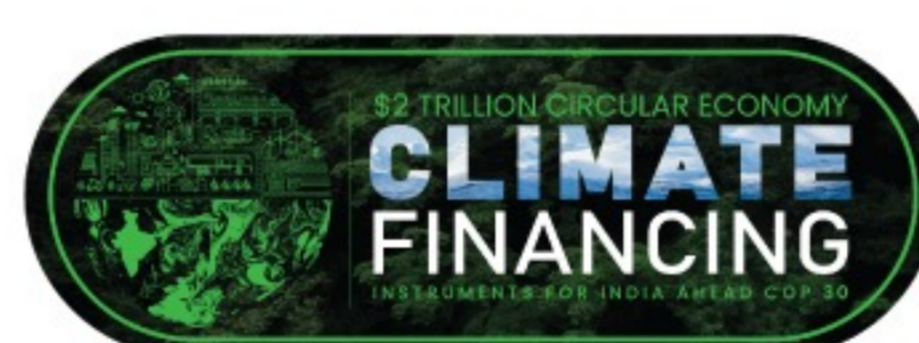
The RBI issued Sovereign Green Bonds

**2024**



TUESDAY | 03<sup>rd</sup> SEPTEMBER 2024  
Chennai Metro Rail Limited  
Tamil Nadu  
**3<sup>rd</sup> EDITION**

**2026**



22<sup>nd</sup> APRIL 2026  
Le Méridien, New Delhi  
**4<sup>th</sup> EDITION**

**2027**



Gujarat  
**5<sup>th</sup> EDITION**

**2030**

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Uttar Pradesh  
**8<sup>th</sup> EDITION**

**2029**



New Delhi  
**7<sup>th</sup> EDITION**

**2028**



Mumbai  
**6<sup>th</sup> EDITION**



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## Climate Message

“

India will certainly be pushing forward to showcase what it has achieved with its own funds. The Paris commitment given by us has been funded by us. We didn't wait for the hundred billion that was never on the table. A lot of talk, but no money coming on the table. No pathways to show how technology is going to be transferred.”



**Smt. Nirmala Sitharaman**

Finance Minister, Govt of India

28 November 2023

India Global Forum Dubai



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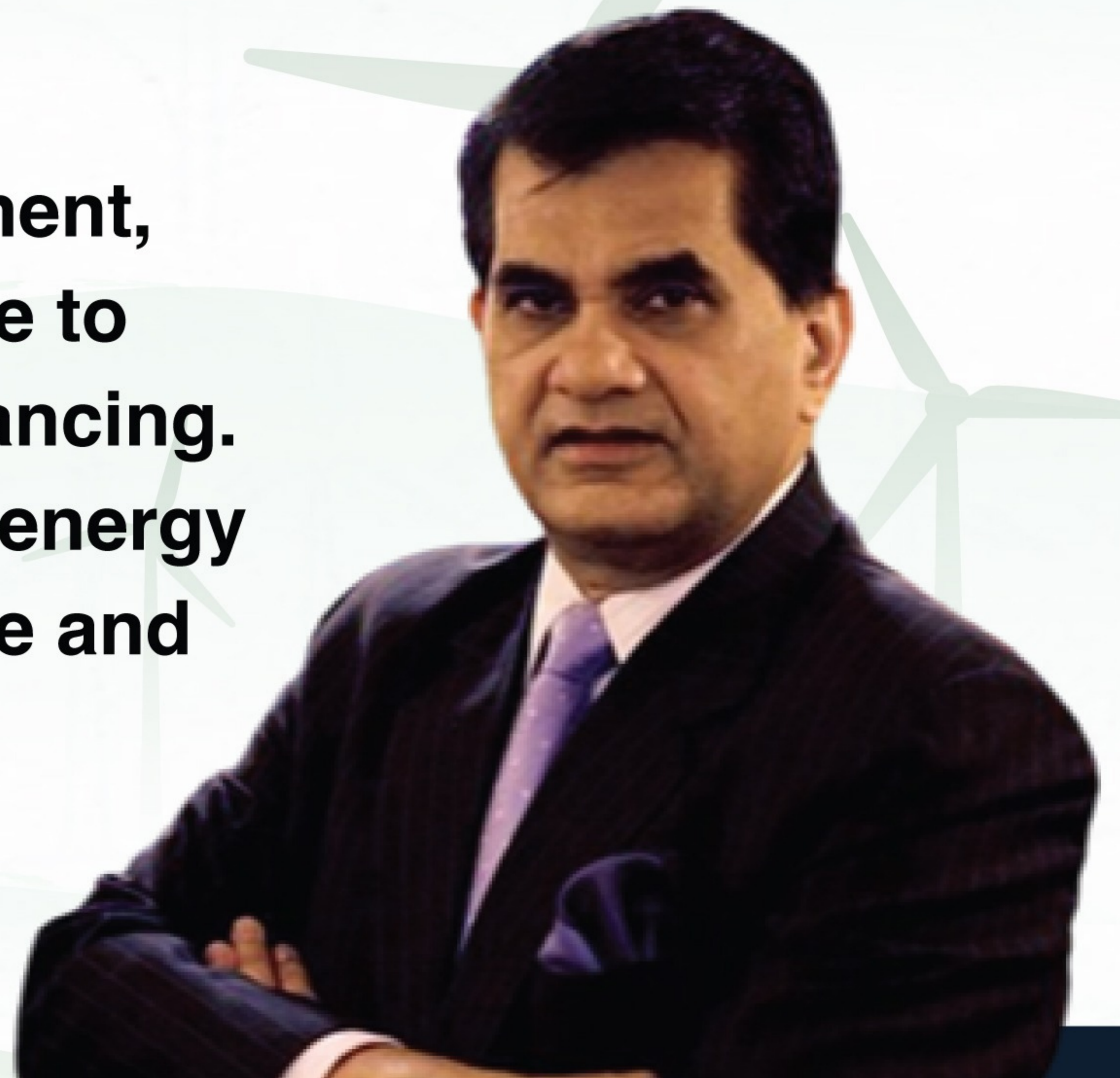
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## Climate Message

“

**Global South, developing countries and emerging markets, which have been a key component of India's presidency, must be able to go long-term financing and must be able to use new instruments for financing to drive both SDGs and climate finance.”**

**“Public policy, private investment, and technology must converge to unlock large-scale climate financing. Only then can Bharat achieve energy security while driving inclusive and sustainable growth.”**



**Shri Amitabh Kant**

**G20 Sherpa Govt. of India**

8th September 2023  
Economic Times

**Source:-** Climate Financing Summit 2024  
Leela Palace, New Delhi



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## Climate Message

“

India to take on issues of climate financing and funds for developing countries to achieve sustainable development goals. Many developing countries fail to achieve sustainable development goals due to lack of funds. India is working with the world with more assertive and national interest-driven approach.”



**Dr. (Shri) S. Jaishankar**

Union Minister of External Affairs Govt. of India

13th August 2023  
Akashvani News



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## Climate Message

“

Developed countries were reminded of their commitment to jointly mobilise \$ 100 billion per year from 2020 for developing countries and doubling their contribution for adaptation finance from 2019 levels by 2025, and we extended support for operationalising the fund for addressing loss and damage.”



**Shri Bhupender Yadav**

Union Environment Minister Govt. of India

18th November 2023

Hindustan Times



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## Climate Message

“

Today we import Rs 22 lakh crore worth of fossil fuels, which not only creates economic challenges but also contributes to air pollution. We are working on several projects, including converting public transport to biofuels and electric, which will make a significant impact on pollution levels.”



**Shri Nitin Gadkari**

Union Minister of Road Transport & Highways, GoI

6th September 2024

India Today Energy Conclave

# Ease of Doing Business

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# REFORM PERFORM TRANSFORM

India's premier emerging Tech Piloting Agency - EoDB's Services

A grid of 15 logos representing various government and industry initiatives:

- BHARAT 5 trillion USD Economy**
- VIKSIT BHARAT NATIONAL MASTERPLAN 2047**
- India 2020 - 2030 TechADE**
- BHARAT Cultural Economy By Ease of Doing Business**
- ANNUITY HYBRID MOBILITY**
- NAHEV National Highways for Electric Vehicles**
- IMEC INDIA MIDDLE - EAST EUROPE CORRIDOR**
- DRONE PILOT**
- Ease of Living.io INDIAN ORIGIN**
- CPOS OF INDIA**
- CIRCULAR ECONOMY TECH FOR CIRCULAR ECONOMY**
- IND DRIVING SCORE FOR ALL**
- CLIMATE FINANCING \$2 TRILLION CIRCULAR ECONOMY INSTRUMENTS FOR INDIA AHEAD COP 30**
- EoDB AI EASE OF DOING BUSINESS (India's premier emerging tech Piloting Agency)**
- DIISHA DIGITAL INNOVATIONS & INTERVENTIONS FOR SUSTAINABLE HEALTHTECH ACTION**

**\$2 TRILLION CIRCULAR ECONOMY CLIMATE FINANCING INSTRUMENTS FOR INDIA AHEAD COP 30**

## CIRCULAR ECONOMY SPACE

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