

LIST OF ABBREVIATIONS

ACC	Automotive Cell Company	CAGR	Compound Annual Growth Rate
ACES	Automated, Connected, Electric and Shared	CAMPA	Compensatory Afforestation Fund Management and Planning Authority
ACPR	Autorité de contrôle prudentiel et de résolution [French Prudential Supervision and Resolution Authority]	CAPEX	Capital Expenditure
AEs	Advanced Economies	CAT	Climate Action Tracker
AI	Artificial Intelligence	CaT	Cap-and-Trade
APS	Announced Policies Scenario	CBA	Cost-Benefit Analysis
ASI	Annual Survey of Industries	CBAM	Carbon Border Adjustment Mechanism
AUM	Assets Under Management	CBDC	Central Bank Digital Currency
BAU	Business As Usual	CBG	Compressed Biogas
BB	Bank of Bangladesh	CBT	Carbon Border Tax
BC	Benefit-Cost	CCA	Climate Commitment Act
BCAs	Border Carbon Adjustments	CCM	Climate Change Mitigation
BCBS	Basel Committee on Banking Supervision	CCPI	Climate Change Performance Index
BEE	Bureau of Energy Efficiency	CCPT	Climate Change Principle-based Taxonomy
BF/BOF	Basic Oxygen Furnace	CCUS	Carbon Capture, Utilisation and Storage
BIS	Bureau of Indian Standards	CCUS	Carbon Capture, Usage and Storage
BIS	Bank for International Settlements	CDM	Clean Development Mechanism
BoE	Bank of England	CDRI	Coalition for Disaster Resilient Infrastructure
BoJ	Bank of Japan	CEA	Central Electricity Authority
BRICS	Brazil, Russia, India, China, South Africa	CERF	Climate Equity Reference Framework
BRRs	Business Responsibility Reports	CFBL	Carbon Footprint of Bank Loans
BRSR	Business Responsibility and Sustainability Report	CFCs	Chlorofluorocarbons
BSE	Bombay Stock Exchange		

CFGs	Climate Friendly Goods	EBF	European Banking Federation
CH ₄	Methane	ECB	European Central Bank
CI	Carbon Intensity	eCoC	Electronic Certificate of Compliance
CMEMS	Copernicus Marine Environment Monitoring Service	E-DSGE	Environment-DSGE
CMIE	Centre for Monitoring Indian Economy	EI	Energy Intensity
Cms	centimetres	EIBs	European Investment Bonds
CO	Carbon Monoxide	EIE	Emission Intensity of Value-added on Exports
CO ₂	Carbon Dioxide	EIM	Emission Intensity of Value-Added on Imports
COP	Conference of the Parties	EKC	Environmental Kuznets Curve
CPHS	Consumer Pyramids Household Surveys	ELIS	Environmental Labelling and Information Schemes
CRISK	Capital Shortfall Risk	EM-DAT	Emergency Events – Database
CRP	Climate Risk Portfolio	EMEs	Emerging Market Economies
CSA	Climate Smart Agriculture	EMS	Emission Trading Systems
CSE	Centre for Science and Environment	EPPA	Economic Projection and Policy Analysis
CSIRO	Commonwealth Scientific and Industrial Research Organisation	ERPs	ESG Rating Providers
CSR	Corporate Social Responsibility	ESCS	Extremely Severe Cyclonic Storms
DFM	Dynamic Factor Model	ESG	Environment, Social and Governance
DICE	Dynamic Integrated model of Climate and the Economy	ESRB	European Systemic Risk Board
D-i-D	Difference in difference	ETR	Environmental Tax Reform
DISCOMs	Distribution Companies	ETS	Emissions Trading System
DNSH	Do No Significant Harm	EU	European Union
DP	Detailed Process	EVs	Electric Vehicles
DSGE	Dynamic Stochastic General Equilibrium	FAME	Faster Adoption and Manufacturing of Hybrid Electric Vehicles
EAF	Electric Arc Furnace		

FAO	Food and Agriculture Organisation	ICE	Internal Combustion Engine
FDI	Foreign Direct Investment	ICSU	International Council of Scientific Unions
FIT	Feed-in-Tariffs	ICT	Information and Communications Technology
FSB	Financial Stability Board	IEA	International Energy Association
FTA	Free Trade Agreements	IFRC	International Federation of Red Cross and Red Crescent Societies
GAR	Green Asset Ratio	IMD	India Meteorological Department
GCCI	Global Climate Change Index	IMF	International Monetary Fund
GDP	Gross Domestic Product	INCCA	Indian Network for Climate Change Assessment
GDP _{PC}	GDP Per Capita	INFORM	Index for Risk Management
GFSG	Green Finance Study Group	IOSCO	International Organization of Securities Commissions
GGEF	Green Growth Equity Fund	IoT	Internet of Things
GHG	Green House Gases	IPCC	Intergovernmental Panel on Climate Change
GIS	Geographic Information System	IPM	Integrated Pest Management
GMSL	Global Mean Sea Level	IPSF	International Platform for Sustainable Finance
GNPA	Gross Non-Performing Assets	IRA	Inflation Reduction Act
GOBARdhan	Galvanising Organic Bio-Agro Resources Dhan	IRDA	Insurance and Regulatory Development Authority
Gol	Government of India	IRENA	International Renewable Energy Agency
GPCB	Gujarat Pollution Control Board	ISA	International Solar Alliance
GSDP	Gross State Domestic Product	ISTS	Inter-state Transmission Systems
GSF	Green Supporting Factor	KLEMS	Capital, Labour, Energy, Material, and Services
GST	Goods and Services Tax	Km ²	Kilometer Square
Gt	Gigatonnes	KPIs	Key Performance Indicators
GtCO ₂ eq	Gigatonnes of CO ₂ equivalent		
GVA	Gross Value Added		
GVCs	Global Value Chains		
IAM	Integrated Assessment Model		
IBFI	Index Based Flood Insurance		
ICAAP	Internal Capital Adequacy Assessment Process		

kWh	Kilowatt-hour	MW	Megawatt
LCOE	Levelised Cost of Electricity	MNRE	Metric tonnes per year
LiDCs	Low-Income Developing Countries	MoEFCC	Ministry of Environment, Forest and Climate Change
LED	Light Emitting Diode	MoES	Ministry of Earth Sciences
LiFE	Lifestyle for Environment	MoPNG	Ministry of Petroleum and Natural Gas
LIMITS	Low climate Impact scenarios and the Implications of required Tight emission control Strategies	MoSPI	Ministry of Statistics and Program Implementation
LMDI	Logarithmic Mean Divisia Index	MoU	Memorandum of Understanding
LPA	Long Period Average	MRTS	Mass Rapid Transit Systems
LST	Land Surface Temperature	MRV	Monitoring, Reporting, And Verification
LT-LEDS	Long-term Low Greenhouse Gas Emission Development Strategies	MRV	Measurement, Reporting, and Verification
LULC	Land Use and Land Cover	MSCI	Morgan Stanley Capital International
MaaS	Mobility as a Service	MSMEs	Micro, Small and Medium Enterprises
MARS	Multivariate Adaptive Regression Splines	N ₂ O	Nitrous Oxide
MFs	Mutual Funds	NBFCs	Non-Banking Finance Companies
MGNREGA	Mahatma Gandhi National Rural Employment Guarantee Act	NCEF	National Clean Energy Fund
MGNREGS	Mahatma Gandhi National Rural Employment Guarantee Scheme	NCR	National Capital Region
MIGA	Multilateral Investment Guarantee Agency	NDC	Nationally Determined Contribution
MIT	Massachusetts Institute of Technology	NDTL	Net Demand and Time Liabilities
ML	Machine Learning	NECR	Net Effective Carbon Rate
Mm	Millimetre	NeML	National Commodities and Derivatives Exchange e-Market Limited
MMT	Million Metric Tonnes	NFCI	National Financial Conditions Index
MT	Million Tonnes	NGBRC	National Guidelines on Responsible Business Conduct

NGFS	Network for Greening the Financial System	PLI	Production Linked Incentive
NGO	Non-governmental organization	PM-PRANAM	PM Programme for Restoration, Awareness, Nourishment and Amelioration of Mother Earth
NHPC	National Hydroelectric Power Corporation	PPP	Public-Private Partnerships
NIFTY	National Stock Exchange Fifty	PRA	Prudential Regulation Authority
NIGEM	National Institute Global Econometric Model	PRI	Principles of Responsible Investment
NIO	North Indian Ocean	PSBs	Public Sector Banks
NMEEE	National Mission for Enhanced Energy Efficiency	PSL	Priority Sector Lending
NMSA	National Mission for Sustainable Agriculture	PTAs	Preferential Trade Agreements
NOAA	National Oceanic and Atmospheric Administration	PV	Photovoltaic
NPAs	Non-Performing Assets	PVBs	Private Banks
NRDC	Natural Resources Defence Council	QE	Quantitative Easing
NSDP	Net State Domestic Product	R&D	Research and development
NSO	National Statistical Office	RBI	Reserve Bank of India
NSSO	National Sample Survey Organisation	RCPs	Representative Concentration Pathways
NVA	Net Value Added	RPO	Renewable Purchase Obligations
O3	Ozone	RTAs	Regional Trade Agreements
OHC	Ocean Heat Content	SAARC	South Asian Association for Regional Cooperation
OECD	Organisation for Economic Cooperation and Development	SCBs	Scheduled Commercial Banks
OWID	Our World in Data	SCS	Severe Cyclonic Storms
PAT	Perform, Achieve, Trade	SDG	Sustainable Development Goals
PBoC	People's Bank of China	SEBI	Securities and Exchanges Board of India
PE	Private Equity	SECI	State Energy and Climate Index
PIB	Press Information Bureau	SGBs	Sovereign Green Bonds
		SGS	State Government Securities
		SME	Small to Medium Enterprise

SST	Sea Surface Temperature	UNFCCC	United Nations Framework Convention on Climate Change
STEPS	Stated Policies Scenario	UNICEF	United Nations International Children's Emergency Fund
SuCS	Super cyclonic storms	UNISDR	United Nations International Strategy for Disaster Reduction
SWM	South-west Monsoon	US	United States
TBC	To be Continued	USA	United States of America
tCO ₂ e	Tonne of Carbon Equivalent	USD	US Dollar
TECO ₂	Trade in embodied CO ₂ database	UTs	Union Territories
TiVA	Trade in Value Added	VAT	Value Added Tax
TOP	Tomato, Onion, Potato	VC	Venture Capital
TPA	Tonnes per annum	VRE	Variable Renewable Energy
TSC	Technical Screening Criteria	VSCS	Very Severe Cyclonic Storms
UK	United Kingdom	VSIC	Vietnam Standard Industrial Classification
UN	United Nations	WCP	World Climate Programme
UNCTAD	United Nations Conference on Trade and Development	WEO	World Economic Outlook
UNDP	United Nations Development Programme	WGMS	World Glacier Monitoring Service
UNEP	UN Environment Programme	WMO	World Meteorological Organisation
		ZJ	Zeta Joules