

Abbreviations

ACCCRN	Asian Cities Climate Change Resilience Network
ACCMS	Assam Climate Change Management Society
ACT	Action on Climate Today
ADP	Ad Hoc Working Group on Durban Platform for Enhanced Action
AF	Adaptation Fund
AOSIS	Alliance of Small Island States
APA	Ad Hoc Working Group on Paris Agreement
AR4	<i>Fourth Assessment Report</i>
AR5	<i>Fifth Assessment Report</i>
AWG-KP	Ad Hoc Working Group on KP
AWG-LCA	Ad Hoc Working Group on LCA
BASIC	Brazil, South Africa, India, and China
BAU	business-as-usual
BEE	Bureau of Energy Efficiency
BJP	Bharatiya Janata Party
BNEF	Bloomberg New Energy Finance
BUR	Biennial Update Report
C&C	Contraction and Convergence
CAMPA	Compensatory Afforestation Fund Management and Planning Authority
CAN	Climate Action Network
CANSA	Climate Action Network South Asia
CASS	Chinese Academy of Social Science
CBDR	common but differentiated responsibilities
CBDR&RC	common but differentiated responsibilities and respective capabilities

CBDR&RC-NC	CBDR&RC in the light of different national circumstances
CBGA	Centre for Budget and Governance Accountability
CCFU	Climate Change Finance Unit
CDC	Contract and Differential Convergence
CDM	Clean Development Mechanism
CEA	Central Electricity Authority
CEEW	Council on Energy, Environment and Water
CEOs	chief executive officers
CERs	certified emission reductions
CERC	Climate Equity Reference Calculator
CERF	Climate Equity Reference Framework
CFCs	chlorofluorocarbons
CFR-LA	Community Forest Rights–Learning and Advocacy
CII	Confederation of Indian Industry
CJN!	Climate Justice Now!
CMFRI	Central Marine Fisheries Research Institute
COP	Conference of the Parties
CPIM5	Coupled Model Intercomparison Project Phase 5
CPR	Centre for Policy Research
CRM	climate risk management
CRZ	Coastal Regulation Zone
CSE	Centre for Science and Environment
CSOs	civil society organizations
CSO	chief sustainability officer
CSR	corporate social responsibility
CSTEP	Center for Study of Science, Technology & Policy
CTCN	Climate Technology Centre and Network
CTF	Clean Technology Fund
DALYs	disability-adjusted life years
DFID	Department for International Development
DISCOMs	distribution companies
DPRs	Detailed Project Reports
DSF	Delhi Science Forum

EC	European Community
ECBC	Energy Conservation Building Code
ECCC	Executive Committee on Climate Change
EESL	Energy Efficiency Services Limited
EHS	environment, health, and safety
EMPRI	Environmental Management and Policy Research Institute
ENSO	El Nino Southern Oscillation
EPCO	Environmental Planning and Coordination Organisation
ESMAP	Energy Sector Management Assistance Program
ETS	Emissions Trading Scheme
EU	European Union
FAO	Food and Agricultural Organization
FERAL	Foundation for Ecological Research, Advocacy and Learning
FICCI	Federation of Indian Chambers of Commerce and Industry
FoR	Forum of Regulators
FRA	Forest Rights Act, 2006
FRAD	Fishery Resources Assessment Division
FSI	Forest Survey of India
GCF	Green Climate Fund
GCMs	general circulation models
GDP	gross domestic product
GDR	Greenhouse Development Rights
GEF	Global Environment Facility
GHGs	greenhouse gases
GIM	Green India Mission
GMBM	global market-based measures
GoI	Government of India
GRI	Global Reporting Initiative
GST	Global Stocktake
Gt	gigatonne
GW	gigawatt
GWP	global warming potential
HCFCs	hydrochlorofluorocarbons
HDI	human development index

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HFCs	hydrofluorocarbons
HFO	hydrofluoroolefin
HKH	Hindu Kush Himalaya
HPEC	High Powered Expert Committee
HVAC	heating, ventilation, and air conditioning
ICAO	International Civil Aviation Organization
ICRG	Infrastructure for Climate Resilient Growth
ICSA	International Coalition for Sustainable Aviation
ICTSD	International Centre for Trade and Sustainable Development
IEA	International Energy Agency
IESS	India Energy Security Scenarios
IGSD	Institute for Governance and Sustainable Development
IIASA	International Institute for Applied Systems Analysis
IITM	Indian Institute of Tropical Meteorology
IL&FS	Infrastructure Leasing & Financial Services Limited
IMD	India Meteorological Department
INC	Intergovernmental Negotiating Committee
INCCA	Indian Network for Climate Change Assessment
INCFCCC	Intergovernmental Negotiating Committee for a Framework Convention on Climate Change
INDC	Intended Nationally Determined Contribution
IP	intellectual property
IPCC	Intergovernmental Panel on Climate Change
IPRs	intellectual property rights
IRENA	International Renewable Energy Agency
ISA	International Solar Alliance
ITUC	International Trade Union Confederation
JFM	Joint Forest Management
JUSCANZ	Japan, United States, Canada, Australia, and New Zealand
kgoe	kilograms of oil equivalent
KP	Kyoto Protocol
KSSP	Kerala Shastra Sahitya Parishad

kV	kilovolt
kWh	kilowatt hour
LAPCC	Lakshadweep Action Plan for Climate Change
LCA	long-term cooperative action
LCOE	levelized cost of electricity
LDCs	least developed countries
LDCF	Least Developed Countries Fund
LEAD	Leadership for Environment and Development
LED	light-emitting diode
LMDC	Like-Minded Developing Countries
LPCD	litre per capita per day
LPG	liquefied petroleum gas
LULUCF	land use, land use change, and forestry
MDBs	multilateral development banks
MEF	Major Economies Forum
MGNREGA	Mahatma Gandhi National Rural Employment Guarantee Act
MI	Mission Innovation
MLF	Multilateral Fund
MNRE	Ministry of New and Renewable Energy
MoC	Ministry of Coal
MoEF	Ministry of Environment and Forests
MoEFCC	Ministry of Environment, Forest and Climate Change
MoF	Ministry of Finance
MoP	Ministry of Power
MoUD	Ministry of Urban Development
MoWR	Ministry of Water Resources
MRV	measurement, reporting, and verification
MSME	micro, small, and medium enterprise
MtCO ₂ -eq	megatonne of carbon dioxide equivalent
MTEE	Market Transformation for Energy Efficiency
mtoe	million tonnes of oil equivalent
MW	megawatt
NAAS	National Academy of Agricultural Sciences
NABARD	National Bank for Agriculture and Rural Development
NAFCC	National Adaptation Fund on Climate Change

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NAPCC	National Action Plan on Climate Change
NASA	National Aeronautics and Space Administration
NATCOMs	National Communications
NBFCs	non-banking financial companies
NCEEF	National Clean Energy and Environment Fund
NCR	National Capital Region
NDA	National Democratic Alliance
NDAAs	national designated authorities
NDC	Nationally Determined Contribution
NEMMP	National Electric Mobility Mission Plan
NGOs	non-governmental organizations
NIE	National Implementing Entity
NMEEE	National Mission on Enhanced Energy Efficiency
NRDC	Natural Resources Defense Council
NSA	National Security Advisor
NSCCC	National Steering Committee on Climate Change
NSM	National Solar Mission
NTFPs	non-timber forest products
NTUI	New Trade Union Initiative
NUMSA	National Union of Metal Workers of South Africa
NWM	National Water Mission
ODA	official development assistance
ODI	Overseas Development Institute
OECD	Organisation for Economic Co-operation and Development
OPEC	Organization of Petroleum Exporting Countries
OPM	Oxford Policy Management
PAIRVI	Public Advocacy Initiatives for Rights and Values in India
PAT	Perform–Achieve–Trade
PES	payments for ecosystem services
PIB	Press Information Bureau
PMCCC	Prime Minister’s Council on Climate Change
PMO	Prime Minister’s Office

PMU	Project Management Unit
PMUY	Pradhan Mantri Ujjwala Yojana
PNG	piped natural gas
PPAs	power purchase agreements
PSI	People's Science Institute
PSU	public-sector undertaking
PTI	Press Trust of India
PV	photovoltaic
QELRO	quantitative emission limitation and reduction objective
R&D	research and development
RD&D	research, development, and demonstration
REDD	reducing emissions from deforestation and degradation
RMI	Rocky Mountain Institute
RTK	revenue tonne kilometres
S&L	standards and labelling
SAPCCs	State Action Plans on Climate Change
SCCF	Special Climate Change Fund
SDC	Swiss Agency for Development and Corporation
SDGs	Sustainable Development Goals
SDMP	State Disaster Management Plan
SEBs	state electricity boards
SEEP	Super-Efficient Equipment Programme
SIDS	Small Island Developing States
SPV	special purpose vehicle
SSEF	Shakti Sustainable Energy Foundation
SST	sea surface temperature
STPs	sewage treatment plants
TCFD	Task Force on Climate-Related Financial Disclosures
TEC	Technology Executive Committee
TERI	The Energy and Resources Institute
TGSC	Tata Global Sustainability Council
TISS	Tata Institute of Social Sciences
TNAs	Technology Needs Assessments
TUED	Trade Unions for Energy Democracy

xxvi Abbreviations

TWh	terawatt hour
UDAY	Ujwal DISCOM Assurance Yojana
UEA	University of East Anglia
UJALA	Unnat Jyoti by Affordable LEDs for All
ULBs	urban local bodies
UN	United Nations
UN DESA	United Nations Division of Economic and Social Affairs
UNCED	United Nations Conference on Environment and Development
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNES	United Nations Economic and Social
UNFCCC	United Nations Framework Convention on Climate Change
UNGA	United Nations General Assembly
UPA	United Progressive Alliance
WBCSD	World Business Council for Sustainable Development
WBGU	German Advisory Council on Climate Change
WCMC	World Conservation Monitoring Centre
WEF	World Economic Forum
WHO	World Health Organization
WMO	World Meteorological Organization
WRI	World Resources Institute
WTO	World Trade Organization