

Annex II

Abbreviations & Acronyms

A	
ADB	Asian Development Bank
AIJ	Activities Implemented Jointly
ALM	Africa, Latin America, Middle East Region (SRES and post-SRES scenarios)
A/R	Afforestation and Reforestation
B	
BAU	Business As Usual
BECS	Bioenergy with CCS
BOD	Biochemical Oxygen Demand / Biological Oxygen Demand
BRT	Bus Rapid transport
C	
CAA	Clean Air Act
CAFÉ	Corporate Average Fuel Economy
CANZ	Canada, Australia and New Zealand
CBA	Cost Benefit Analysis
CCGT	Combined Cycle Gas Turbine
CCS	Carbon Capture and Storage
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CFCs	Chlorofluorocarbons
CFL	Compact Fluorescent Lamp
CGE	Computable General Equilibrium
CHP	Combined Heat and Power
CONCAWE	European Oil Company Organisation for Environment, Health, and Safety
COD	Chemical Oxygen Demand
COP	Conference of the Parties / Coefficient of Performance
CSD	Commission for Sustainable Development
CSP	Concentrating Solar Power
D	
DAES	Domestic Alternative Energy Sources
DES	Development, Equity and Sustainability
DSM	Demand Side Management
E	
EBRD	European Bank for Reconstruction and Development
EC	European Commission
EEA	European Environmental Agency
EECCA	Countries of Eastern Europe, the Caucasus and Central Asia
EIT	Economy In Transition
EMAS	ECO-Management and Audit Scheme (EU)
EMF	Energy Modeling Forum (Stanford University)
EPR	Extended Producer Responsibility
EPRI	Electric Power Research Institute
ESCO	Energy Service Company
ETS	Emission Trading Scheme (EU)
EU	European Union
F	
FAO	Food & Agriculture Organization
FC	Fuel Cell
FCCC	Framework Convention on Climate Change (UN)
FDI	Foreign Direct Investment
FOB	Free on Board
FOD	First-Order Decay

G	
GATT	General Agreement on Trade and Tariffs
GCM	Global Climate Model
GDP	Gross Domestic Product
GEF	Global Environment Facility
GHG	Green House Gas
GMT	Global Mean Temperature
GNP	Gross National Product
GPP	Gross Primary Production
GWP	Global Warming Potential
H	
HDI	Human Development Index
HFC	Hydrofluorocarbons
HSS	High Strength Steels
HVAC	Heating, Ventilation and Air Conditioning
I	
IA	Integrated Assessment
IAEA	International Atomic Energy Agency
IAES	Imported Alternative Energy Sources
ICAO	International Civil Aviation Organization
ICE	Internal Combustion Engine
IDP	Integrated Design Process (for buildings)
IEA	International Energy Agency
IET	International Emission Trading
IGO	Intergovernmental Organization
IIASA	International Institute for Applied System Analysis
IMO	International Maritime Organization
IPCC	Intergovernmental Panel on Climate Change
ISIC	International Standard Industrial Classification
ISO	International Standardization Organization
IT	Information Technology
ITC	Induced Technological Change
ITER	International Thermonuclear Experimental Reactor
IUCN	International Union for the Conservation of Nature and natural resources
J	
J	Joule =Newton x meter (International Standard unit of energy)
JI	Joint Implementation
JRC	Joint Research Centre (EU)
L	
LCA	Life Cycle Assessment
LHV	Lower Heating Value
LNG	Liquefied Natural Gas
LPG	Liquid Petroleum Gas
M	
MAC	Marginal Abatement Cost
MBT	Mechanical Biological Treatment
MDG	Millennium Development Goals
MEA	Multilateral Environmental Agreements
MOP	Meeting Of the Parties (Kyoto Protocol)
N	
NAFTA	North American Free Trade Agreement
NEDC	New European Driving Cycle
NGO	Non-Governmental Organization
NIC	Newly Industrialized Country
NMHC	Non-Methane Hydro Carbon
NMT	Non-Motorised Transport
NMVOC	Non-Methane Volatile Organic Compounds

O	
O&M	Operation and Maintenance
ODA	Official Development Assistance
ODS	Ozone Depleting Substances
OECD	Organization for Economic Co-operation and Development
OPEC	Organization of Petroleum Exporting Countries
P	
PAYT	Pay As You Throw
PFC	Perfluorocarbon
ppm [v/w]	parts per million [by volume / weight]
PPP	Purchasing Power Parity
PV	Photovoltaic
Q	
QELRCs	Quantified Emission Limitation or Reduction Commitments
R	
RD&D	Research, Development and Demonstration
S	
SAR	Second Assessment Report (IPCC)
SBSTA	Subsidiary Body for Scientific and Technological Advice
SCC	Social Cost of Carbon
SD	Sustainable Development
SMEs	Small and Medium Enterprises
SPM	Summary for Policy Makers
SRCCS	Special Report on Carbon Capture and Storage (IPCC)
SRES	Special Report on Emissions Scenarios (IPCC)
SRLULUCF	Special Report on Land-Use, Land-Use Change and Forestry (IPCC)
SROC	Special Report on Ozone and Climate (IPCC)
SRTT	Special Report on methodological and technological issues in Technology Transfer (IPCC)
T	
TAR	Third Assessment Report (IPCC)
TPES	Total Primary Energy Supply
TWA	Tolerable Windows Approach
U	
UK	United Kingdom
UN	United Nations
UNCED	UN Conference on Environment and Development
UNDP	UN Development Programme
UNEP	UN Environment Programme
UNFCCC	UN Framework Convention on Climate Change
USA	United States of America
V	
VAT	Value Added Tax
VOC	Volatile organic compound
W	
W	Watt = Joule/second (International Standard unit of power)
WBCSD	World Business Council for Sustainable Development
WCED	World Commission on Environment and Development
WEC	World Energy Council
WG I	Working Group One of the IPCC
WG II	Working Group Two of the IPCC
WG III	Working Group Three of the IPCC
WHO	World Health Organization (UN)
WTO	World Trade Organization
WWF	World Wide Fund for nature

Chemical Symbols

C	Carbon
C ₂ F ₆	Perfluoroethane / Hexafluoroethane
CF ₄	Perfluoromethane / Tetrafluoromethane
CFCs	Chlorofluorocarbons
CH ₄	Methane
CO	Carbon monoxide
CO ₂	Carbon dioxide
H / H ₂	Hydrogen (element / gas)
H ₂ O	Water / Water vapor
HFCs	Hydrofluorocarbons
N / N ₂	Nitrogen (element / gas)
N ₂ O	Nitrous Oxide
NF ₃	Nitrogen trifluoride
NH ₃ / NH ₄ ⁺	Ammonia / Ammonium ion
NMVOOC	Non-methane Volatile Organic Compounds
NO	Nitric oxide
NO ₂	Nitrogen dioxide
NO _x	The sum of NO and NO ₂ expressed in NO ₂ mass equivalent
O / O ₂	Oxygen (element / gas)
O ₃	Ozone
P	Phosphorus
SF ₆	Sulphur hexafluoride
SO ₂	Sulphur dioxide
SO _x	Sulphur oxides expressed in SO ₂ mass equivalent
VOCs	Volatile Organic Compounds

Prefixes for basic physical units

Enlargement			Reduction		
name	symbol	factor	name	symbol	factor
deca	da	10 ⁺¹	deci	d	10 ⁻¹
hecto	h	10 ⁺²	centi	c	10 ⁻²
kilo	k	10 ⁺³	milli	m	10 ⁻³
mega	M	10 ⁺⁶	micro	μ	10 ⁻⁶
giga	G	10 ⁺⁹	nano	n	10 ⁻⁹
tera	T	10 ⁺¹²	pico	p	10 ⁻¹²
peta	P	10 ⁺¹⁵	femto	f	10 ⁻¹⁵
exa	E	10 ⁺¹⁸	atto	a	10 ⁻¹⁸