

Stern Review Abbreviations & Acronyms

A	
AAs	Assigned Amounts
ACT MAP	MAP Accelerated Technology Scenario (IEA – Energy Technology Perspectives publication 2006)
ADB	Asian Development Bank
AOSIS	Alliance Of Small Island States
AR (I-IV)	Assessment Report (first-fourth)
B	
BAU	Business As Usual
bcm	Billion cubic meters (unit of volume, e.g. for gas)
BGE	Balanced Growth Equivalent
Bl	Barrel of oil
Boe	Barrels of oil equivalent
C	
C	Carbon (to convert 1 tonne of C into CO ₂ , multiply by 44/12).
CH ₄	Methane (greenhouse gas)
CBA	Cost Benefit Analysis
CCGT	Combined Cycle Gas Turbine
CCS	Carbon Capture and Storage
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CFCs	Chloro Fluoro Carbons
CFL	Compact Fluorescent Lamp
CH ₄	Methane
CGE	Computable General Equilibrium
CHP	Combined Heat and Power
CO ₂	Carbon dioxide
CO ₂ e	CO ₂ equivalent
CSD	Commission for Sustainable Development
D	
dCHP	Decentralised Combined Heat and Power
DEFRA	UK Department for Environment, Food and Rural Affairs
DFID	UK Department for International Development
DFT	UK Department for Transport
DTI	UK Department for Trade and Industry
E	
E	Exa: 10 to the power of 18
EBRD	European Bank for Reconstruction and Development
EC	European Commission
EIF	Energy Investment Framework
EIT	Economy In Transition
EMAS	Environmental Management Assistance System
EMF	Energy Modelling Forum (Stanford University)
EPA	Environmental Protection Agency
ESCO	Energy Service Company
ETS	Emission Trading System (EU)
EU	European Union

Stern Review Abbreviations & Acronyms

F	
FCCC	Framework Convention on Climate Change (UN)
FDI	Foreign Direct Investment
FOB	Free on Board
G	
G	Giga: 10 to the power of 9
GATT	General Agreement on Trade and Tariffs
GCM	Global Climate Model
GDP	Gross Domestic Product
GEF	Global Environment Facility
GHG	Greenhouse Gas
GMT	Global Mean Temperature
GNP	Gross National Product
GPG	Global Public Goods
GPP	Gross Primary Production
GtC	Gigatonne of Carbon
GWP	Global Warming Potential or Gross World Product
H	
HDI	Human Development Index
HFC	Hydro Fluoro Carbon
HMT	UK Her Majesty's Treasury
HVAC	Heating, Ventilation and Air Conditioning
I	
I-O	Input-Output
IA(M)	Integrated Assessment (Model)
IAEA	International Atomic Energy Agency
IEA	International Energy Agency
IET	International Emission Trading
IIASA	International Institute for Applied System Analysis
IMCP	Innovation Modelling Comparison Project
IMF	International Monetary Fund
IPCC	Intergovernmental Panel on Climate Change
IPR	Intellectual Property Rights
ISIC	International Standard Industrial Classification
ISO	International Standardisation Organization
IT	Information Technology
ITC	Induced Technical Change
J	
J	Joule = Newton x meter (International Standard unit of energy)
JI	Joint Implementation
JRC	Joint Research Centre (EU)
K	
K	Kilo: 10 to the power of 3
KWh	Kilowatt hour
L	
Lbs	Pounds (unit of weight. 1 lbs = 0.454 kg)
LDC	Least Developed Country

Stern Review Abbreviations & Acronyms

LIC	Low Income Country
LNG	Liquid Natural Gas
LPG	Liquid Petroleum Gas
M	
M	Mega: 10 to the power of 6
MAC	Marginal Abatement Cost
MERs	Market Exchange Rates
MDGs	Millennium Development Goals
MEA	Multilateral Environmental Agreements
MIC	Middle Income Country
MIT	Massachusetts Institute of Technology
Mtoe	Mega tonnes oil equivalent
N	
N ₂ O	Nitrous oxide (greenhouse gas)
NACE	Nomenclature des Activités dans la Communauté Européenne (index of business activities in the EU)
NAFTA	North American Free Trade Agreement
NAP	National allocation plan
NCGGs	Non-Carbon Greenhouse Gases
NGO	Non-Governmental Organization
NIC	Newly Industrialized Country
NMHC	Non-Methane Hydro Carbon
NOx	Nitrogen oxides (local air pollutants)
O	
ODA	Official Development Assistance
ODS	Ozone Depleting Substances
OECD	Organization for Economic Co-operation and Development
OPEC	Organisation of Petroleum Exporting Countries
P	
P	Peta: 10 to the power of 15
PFC	Per Fluoro Carbon
ppm [v / w]	parts per million [by volume / weight]
PPP	Purchasing Power Parity
Q	
QELRCs	Quantified Emission Limitation or Reduction Commitments
R	
R&D	Research and Development
RD&D	Research, Development and Demonstration
RFF	Resources for the Future
S	
SAR	Second Assessment Report (by IPCC)
SBSTA	Subsidiary Body for Scientific and Technological Advice
SCC	Social Cost of Carbon
SD	Sustainable Development
SOx	Sulphur dioxide
SMEs	Small and Medium Enterprises
SRES	Special Report on Emissions Scenarios

Stern Review Abbreviations & Acronyms

SRLULUCF	Special Report on Land-Use, Land-Use Change and Forestry
T	
T	Tera: 10 to the power of 12
TAR	Third Assessment Report (by IPCC)
tce	Tonnes of coal equivalent
THC	Thermohaline Circulation
Toe	Tonnes of oil equivalent. (Mtoe - mega tonnes of oil equivalent).
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
US/USA	United States (of America)
US CCSP	United States Climate Change Science Programme
US EIA	United States Energy Information Administration
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
WEO	World Economic Outlook
WG (I – III)	Working Group (One to Three) of the IPCC
Wh	Watt hour
WHO	World Health Organization (UN)
WRI	World Resources Institute
WTA	Willingness To Accept compensation
WTO	World Trade Organization
WTP	Willingness To Pay
WWF	World Wildlife Fund