

**SYNTHESIS REPORT  
OF THE IPCC SIXTH ASSESSMENT REPORT (AR6)**

**Annex II: Acronyms, Chemical Symbols and Scientific Units**

**Editorial team:** Andreas Fischlin (Switzerland), Yonhung Jung (Republic of Korea), Noémie Leprince-Ringuet (France), Chloé Ludden (Germany/France), Clotilde Péan (France), José Romero (Switzerland)

AFOLU	Agriculture, Forestry and Other Land Use *
AR5	Fifth Assessment Report
AR6	Sixth Assessment Report
BECCS	Bioenergy with Carbon Dioxide Capture and Storage *
CCS	Carbon Capture and Storage *
CCU	Carbon Capture and Utilization
CDR	Carbon Dioxide Removal *
CH <sub>4</sub>	Methane
CID	Climatic impact-driver *
CMIP5	Coupled Model Intercomparison Project Phase 5
CMIP6	Coupled Model Intercomparison Project Phase 6
CO <sub>2</sub>	Carbon Dioxide
CO <sub>2</sub> -eq	Carbon Dioxide Equivalent *
CRD	Climate Resilient Development *
CO <sub>2</sub> -FFI	CO <sub>2</sub> from Fossil Fuel combustion and Industrial processes
CO <sub>2</sub> -LULUCF	CO <sub>2</sub> from Land Use, Land-Use Change and Forestry
CSB	Cross-Section Box
DACCS	Direct Air Carbon Capture and Storage
DRM	Disaster Risk Management *
EbA	Ecosystem-based Adaptation *
ECS	Equilibrium climate sensitivity *
ES	Executive Summary
EV	Electric Vehicle
EWS	Early Warning System *
FaIR	Finite Amplitude Impulse Response simple climate model
FAO	Food and Agriculture Organization of the United Nations
FFI	Fossil-Fuel combustion and Industrial processes
F-gases	Fluorinated gases
GDP	Gross Domestic Product
GHG	Greenhouse Gas *
Gt	Gigatonnes
GW	Gigawatt
GWL	Global Warming Level

GWP100	Global Warming Potential over a 100 year time horizon *
HFCs	Hydrofluorocarbons
IEA	International Energy Agency
IEA-STEPS	International Energy Agency Stated Policies Scenario
IMP	Illustrative Mitigation Pathway
IMP-LD	Illustrative Mitigation Pathway - Low Demand
IMP-NEG	Illustrative Mitigation Pathway - NEGative emissions deployment
IMP-SP	Illustrative Mitigation Pathway - Shifting development Pathways
IMP-REN	Illustrative Mitigation Pathway - Heavy reliance on RENewables
IP-ModAct	Illustrative Pathway Moderate Action
IPCC	Intergovernmental Panel on Climate Change
kWh	Kilowatt hour
LCOE	Levelized Cost of Energy
LDC	Least Developed Countries *
Li-on	Lithium-ion
LK	Local Knowledge *
LULUCF	Land Use, Land-Use Change and Forestry *
MAGICC	Model for the Assessment of Greenhouse Gas Induced Climate Change
MWh	Megawatt hour
N <sub>2</sub> O	Nitrous oxide
NDC	Nationally Determined Contribution
NF <sub>3</sub>	Nitrogen trifluoride
O <sub>3</sub>	Ozone
PFCs	Perfluorocarbons
ppb	parts per billion
PPP	Purchasing Power Parity
ppm	parts per million
PV	Photovoltaic
R&D	Research and Development
RCB	Remaining Carbon Budget
RCPs	Representative Concentration Pathways (e.g. RCP2.6, pathway for which radiative forcing by 2100 is limited to 2.6 Wm <sup>-2</sup> )
RFCs	Reasons for Concern *
SDG	Sustainable Development Goal *
SDP	Shifting Development Pathway *
SF <sub>6</sub>	Sulphur Hexafluoride
SIDS	Small Island Developing States *
SLCF	Short-Lived Climate Forcer
SPM	Summary For Policymakers
SR1.5	Special Report on Global Warming of 1.5°C
SRCCCL	Special Report on Climate Change and Land
SRM	Solar Radiation Modification *
SROCC	Special Report on the Ocean and Cryosphere in a Changing Climate
SSP	Shared Socioeconomic Pathway *
SYR	Synthesis Report

tCO <sub>2</sub> -eq	Tonne of carbon dioxide equivalent
tCO <sub>2</sub> -FFI	Tonne of carbon dioxide from Fossil Fuel combustion and Industrial processes
TS	Technical Summary
UNFCCC	United Framework Convention on Climate Change
USD	United States Dollar
WG	Working Group
WGI	IPCC Working Group I
WGII	IPCC Working Group II
WGIII	IPCC Working Group III
WHO	World Health Organization
WIM	Warsaw International Mechanism on Loss and Damage under UNFCCC *
Wm <sup>-2</sup>	Watts per square meter

\* For a full definition see also Annex I: Glossary

Definitions of additional terms are available in the IPCC Online Glossary: <https://apps.ipcc.ch/glossary/>