

List of abbreviations

AAU	Assigned Amount Unit
ACCLIM	Climate scenario and information service project (FMI)
ACIA	Arctic Climate Impact Assessment
AERONET	Aerosol Robotic Network
ALFRA	Association of Finnish Local and Regional Authorities
AMAP	Arctic Monitoring and Assessment Programme
AR4	Fourth Assessment Report (IPCC)
BAT	Best Available Techniques
CAP	Common Agricultural Policy (EU)
CARBOEUROPE	Assessment of the European Terrestrial Carbon Balance
CarboInvent	Multi-Source Inventory Methods for Quantifying Carbon Stocks and Stock Changes in European Forests
CCP	Cities for Climate Protection
CCPM	Common and Coordinated Policies and Measures (EU)
CC-TAME	Climate Change - Terrestrial Adaptation & Mitigation in Europe
CDM	Clean Development Mechanism
CGIAR	Consultative Group on International Agricultural Research
CHP	Combined Heat and Power Production
CIRCLE 2 ERA-NET	Climate Impact Research & Response Coordination for a Larger Europe
CITL	Community Independent Transaction Log (EU)
ClimBus	Creating Business, Mitigating Climate Change
ClimTech	Technology and Climate Change Programme (Tekes)
CO	Carbon monoxide
COP	Conference of Parties
COSMOS	European Community Earth System Models
CO ₂	Carbon dioxide
CO ₂ eq.	Carbon dioxide equivalent
CH ₄	Methane
CRF	Common Reporting Format
ECA&D	European Climate Assessment & Dataset
ECCP	European Climate Change Programme
ECHAM	A global climate system model (Max Planck Institute for Meteorology)
ECSN	European Climate Support Network
EFDB	Emission Factor Data Base (IPCC)
EFI	European Forest Institute
EIA	Environmental Impact Assessment
EMAS	Eco-management and Audit Scheme
EMEP	European Monitoring and Evaluation Programme
EMU	European Monetary Union
ENVISAT	An Earth observation satellite (ESA)
EMU	European Monetary Union
ESA	European Space Agency
ESCO	Energy Service Company
ETSAP	Energy Technology Systems Analysis Programme

ETS	Emissions Trading Scheme
EUCAARI	European Integrated Project on Aerosol Cloud Climate Air Quality Interactions
EU ETS	European Union Emissions Trading Scheme
EUFORGEN	European Forest Genetic Resources Programme
EUMETCAL	Training programme of EUMETNET
EUMETNET	Network of European Meteorological Services
EUMETSAT	European Meteorological Satellite Organisation
EURO-LIMPACS	Evaluating the Impacts of Global Change on European Freshwater Ecosystems
EUROWATERNET	The European Environment Agency's Monitoring and Information Network for Inland Water Resources
FICCA	Finnish Climate Change Programme
FIGARE	Finnish Global Change Research Programme
FIMR	Finnish Institute of Marine Research
FINADAPT	Assessing the Adaptive Capacity of the Finnish Environment and Society Under a Changing Climate
Finavia	Finnish civil aviation authority
FIN-CAVIAR	A project studying community adaptation and vulnerability in Arctic regions
FINSKEN	Developing Consistent Climate Scenarios for Finland
FMI	Finnish Meteorological Institute
GAW	Global Atmospheric Watch
GCOS	Global Climate Observing System
GDP	Gross Domestic Product
GEF	Global Environment Facility
GEOmon	Global Earth Observation and Monitoring of the Atmosphere
Gg	Gigagram
GHG	Greenhouse gas
GICSAC	A project studying the capability of international governance systems in the Arctic
GSN	GCOS Surface Network
GUAN	GCOS Upper-Air Network
HELCOM	Helsinki Commission
HFCs	Hydrofluorocarbons
HPC	High performance computing
H ₂	Hydrogen
IASC	International Arctic Science Committee
ICAO	International Civil Aviation Organisation
ICLEI	International Council for Local Environmental Initiatives
IEA	International Energy Agency
IGBP	International Geosphere-Biosphere Programme
IHDP	International Human Dimensions Programme on Global Environmental Change
ILMASOPU	Adaptation of Agri-Sector to Climate Change (Finnish consortium)
IMO	International Maritime Organisation
IMPLIFIN	Implications of international climate change impacts for Finland
IPCC	Intergovernmental Panel on Climate Change

IPY	International Polar Year
ISTO	Climate Change Adaptation Research Programme (in Finland)
ITL	Independent Transaction Log (UNFCCC)
IUCN	World Conservation Union
IUFRO	International Union of Forest Research Organisations
JI	Joint Implementation
KINNVIIKA	A multinational initiative aimed at better understanding of the Arctic system
LDC	Least Developed Countries
LULUCF	Land Use, Land-Use Change and Forestry
MAVERIC	Map-based Assessment of Vulnerability to Climate Change Employing Regional Indicators
METLA	Finnish Forest Research Institute
METSO	Forest Biodiversity Programme for Southern Finland
MODIS	Moderate Resolution Imaging Spectroradiometer
Motiva	An expert company promoting sustainable and efficient use of energy and materials in Finland
Mt	Million tonnes
MTT	Agrifood Research Finland
NASA	National Aeronautics and Space Administration
NCS	National Climate Strategy
NFI	National Forest Inventory
NFP 2015	Finnish National Forest Programme 2015
NGO	Non-governmental organisation
NkDS	NordklimDataSet
NMVOG	Non-methane volatile organic compounds
NOAA/AUHR	Advanced Very High Resolution Radiometer
NSIDC	National Snow and Ice Data Center (University of Colorado)
N ₂ O	Nitrous oxide
ODA	Official Development Assistance
O3SAF	Ozone research programme (EUMETSAT)
OECD	Organisation for Economic Co-operation and Development
OSKE	Centre of Expertise Programme of the Finnish Government
OTC	Over the counter
PAH	Polycyclic aromatic hydrocarbon
PAM	Policies and Measures
PCF	Prototype Carbon Fund
PDD	Project Design Document
PFCs	Perfluorocarbons
PISA	Programme for International Student Assessment (OECD)
PJ	Petajoule
PM	Particulate (e.g. 2.5 or 10)
QA	Quality Assurance
QC	Quality Control
RADARSAT1	An Earth observation satellite (Canadian Space Agency)
RC	Regional Council

REC	Regional Environment Centre
REDD	Reducing Emissions from Deforestation and Forest Degradation
REMO	Regional Climate Model
R&D	Research and Development
SAON	Sustaining Arctic Observing Networks
SBI	Subsidiary Body for Implementation
SBSTA	Subsidiary Body for Scientific and Technological Advice
SF ₆	Sulphur hexafluoride
SILMU	Finnish Research Programme on Climate Change
SME	Small and medium-sized enterprises
SMEAR	Station for Measuring Forest Ecosystem-Atmosphere Relations
SOOP	Ship-of-opportunity monitoring system
SRES	Special Report on Emissions Scenarios (IPCC)
SYKE	Finnish Environment Institute
SWIPA	Snow, Water, Ice and Permafrost in the Arctic
Tekes	Finnish Funding Agency for Technology and Innovation
TFESSD	Trust Fund for Environmentally and Socially Sustainable Development
Tg	Teragram
TGF	Testing Ground Facility (Baltic Sea Region Energy Co-operation)
TJ	Terajoule
TPES	Total Primary Energy Supply
UNECE	United Nations Economic Commission for Europe
UNFCCC	United Nations Framework Convention on Climate Change
VACCIA	Vulnerability of Ecosystem Services for Climate Change Impacts and Adaptation
VPN	Virtual Private Network
VTT	Technical Research Centre of Finland
WAM	With Additional Measures
WM	With Measures
WCRP	World Climate Research Programme
WMO	World Meteorological Organisation
WSSD	World Summit on Sustainable Development
WWF	World Wildlife Fund
YASSO	A model for estimating carbon stock changes in soils