

Appendix 1.4: Glossary of Common Acronyms

Acronym	Term
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic
ABP	An Bord Pleanála
AD	Anno Domini
ADR	Agreement Concerning the International Carriage of Dangerous Goods by Road
AEAs	Annual Emission Allocations
AGL	Above Ground Level
AIS	Air Insulated Switchgear
AM	Amplitude Modulation
AMSL	Above Mean Sea Level
ANI	AirNav Ireland
AOD	Above Ordnance Datum
APIS	Air Pollution Information System
AQIH	Air Quality Index for Health
ARP	Airport's Reference Point
As	Arsenic
ATS	Air Traffic Service
BAI	Broadcasting Authority of Ireland
BAI	Bat Activity Index
BAP	Biodiversity Action Plan
BCI	Bat Conservation Ireland
BEMP	Biodiversity Enhancement and Management Plan
BEng	Construction Environmental Management Plan
bl	Blade Length
BOCCI	Birds of Conservation Concern in Ireland
BOD	Biochemical Oxygen Demand
BPG	Best Practice Guide
BSI	British Standards Institution
CA	Competent Authority
CAA	Civil Aviation Authority
CaCO ₃	Calcium Carbonate
CAFE	Clean Air for Europe
Ca-HCO ₃	Calcium Bicarbonate
CAP	Climate Action Plan
CAPEX	Capital Expenditure
CBC	Common Bird Census
c.	Circa
CCG	Central Clare Group
Cd	Cadmium
CDP	County Development Plan
CEDaR	Centre for Environmental Data and Reporting
CEMP	Construction Environmental Management Plan
CEP	Clean Export Premium
CER	Department of Housing, Planning, Community and Local Government
CFRAM	Catchment Flood Risk Assessment and Management
CHP	Combined Heat and Power
CHR	Construction Haul Route
CIEEM	Chartered Institute of Ecology and Environmental Management
CIRIA	The Construction Industry Research and Information Association
cm	Centimeter
CMS	Construction Management Strategy
CO	Carbon Monoxide
Co.	County
COF	Confirmation of Feasibility
COMP26	Conference of the Parties 26
ComReg	Commission for Communications Regulations

Acronym	Term
CO ₂	Carbon Dioxide
COP	Conference of the Parties
CRM	Collision Risk Modelling
CRU	Commission for the Regulation of Utilities
cSAC	Candidate Special Areas of Conservation
CSHSP	Construction Stage Health and Safety Plan
CSO	Central Statistics Office
cSPA	Candidate Special Protection Areas
C ₆ H ₆	Benzene
CH ₄	Methane
DA	Drainage Assessment
DAERA	Department of Agriculture, Environment and Rural Affairs
DAU	Development Applications Unit
dB	Decibel
dB(A)	A weighted decibel
DCCAE	Department of Communications, Climate Action and Environment
DCEMP	Decommissioning / Construction Environmental Management Plan
DCHG	Department of Culture, Heritage and Gaeltacht (Ireland)
DED	District Electoral Division
DHPLG	Department of Housing, Planning and Local Government
DMURS	Design Manual for Urban Roads and Streets
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
DoD	Department of Defence
DoE	Department of Environment
DoT	Department of Transport
DoEHLG	Dept of the Environment Heritage and Local Government (Ireland)
DoHPCLG	Department of Housing, Planning, Community and Local Government
DPMP	Decommissioning Phase Management Plan
DRWEDG 2019	Draft Revised Wind Energy Development Guidelines 2019
DSI	Detailed Site Investigation
DTT	Digital Terrestrial Television
DWPA	Drinking Water Protected Area
E	East
EC	European Commission
EclA	Ecological Impact Assessment
ECoW	Ecological Clerk of Works
ED	Electoral Division
EDEN	European Destination of Excellence
EEC	European Economic Community
EHO	Environmental Health Officer
EHS	Environmental Health Service
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Report
EIS	Environmental Impact Statement
ELC	European Landscape Convention
ELF	Extremely Low Frequency
EMF	Electromagnetic Field
EMI	Electromagnetic Interference
EnvCoW	Environmental Clerk of Works
EPA	Environmental Protection Agency
EPA 1990	Environmental Protection Act 1990
EQSs	Environmental Quality Standards
ES	Environmental Statement
ESB(N)	Electricity Supply Board (Network)
ESR	Effort Sharing Regulation
ESRI	Economic and Social Research Institute
ETS	Emissions Trading Scheme
ETHANE	Exact Location, Type of Incident, Hazards, Access and Egress, Number of Casualties, Emergency Services Present and Required
EU	European Union
EWC	European Waste Codes

Acronym	Term
EWEA	European Wind Energy Association
EQS	Environmental Quality Standards
F	Frequency
FCESNH	Forestry Civil Engineering Scottish Natural Heritage
FM	Frequency Modulation
FMP	Forestry Management Plan
fh	Feature Height
FoS	Factor of Safety
FRA	Flood Risk Assessment
FRP	Fiber-reinforced Polymer
ft	Feet
FTE	Full time equivalent
GAC	Granulated Activated Carbon
GCR	Grid Connection Route
GHG	Greenhouse Gases
GIS	Geographical Information System
GIS	Gas Insulated Switchgear
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GPG	The Good Practice Guide
GRP	Glass-reinforced Plastic
GRP	Ground Rock Phosphate
GPS	Global Positioning System
GS	Grassland
GSI	Geological Society of Ireland
GW	Gigawatt
GWS	Group Water Scheme
GWB	Groundwater Body
GWh	Gigawatt Hours
ha	Hectare
HCV	Heavy Commercial Vehicle
HED	Historic Environment Division
HDA	Habitats Directive Assessment
HDD	Horizontal Directional Drilling
HGV	Heavy Goods Vehicle
HH	Hub Height
HIRA	Hazard Identification and Risk Assessment
HMP	Habitat Management Plan
Hons	Honours
HPPE	High Performance Polyethylene
HSA	Health and Safety Authority
HSE	Health Service Executive
HV	High Voltage
Hz	Hertz
H&S	Health and Safety
IAA	Irish Aviation Authority
IAS	Invasive Alien Species
IBAs	Important Bird and Biodiversity Areas
ICAO	International Civil Aviation Organisation
ICNIRP	International Commission on Non-Ionising Radiation Protection
ICOMOS	International Council on Monuments and Sites
ICNIRP	International Commission on Non-Ionising Radiation Protection
IEMA	Institute of Environmental Management and Assessment
ID	Identification
IEA	International Energy Agency
IFA	Irish Farmers Association
IFI	Inland Fisheries Ireland
IGI	Institute of Geologist of Ireland
IGR	Irish Grid Reference
INSN	Irish National Seismic Network
IOA	Institute of Acoustics
IPCC	Irish Peatland Conservation Council
IRENA	International Renewable Energy Agency

Acronym	Term
ISO	International Organisation for Standardisation
ITM	Irish Transverse Mercator
IW	Irish Water
IWT	Irish Wildlife Trust
IWEA	Irish Wind Energy Association
I-WeBS	Irish Wetland Bird Survey
JBA	JBA Consulting)
JCA	John Cronin and Associates
JOD	Jennings O'Donovan & Partners Limited
KERs	Key Ecological Receptors
km	Kilometres
km ²	Kilometres Squared
km/h	Kilometres per hour
kV	KiloVolts
L	Litre
LA90,t	A weighted background noise level for a period of time
LAeq,t	A weighted equivalent continuous sound pressure level for a period of time
LARES	Local Authority Renewable Energy Strategy
LAP	Local Area Plan
LBNL	Lawrence Berkeley National Laboratory
LCA	Landscape Character Assessment
LCOE	Levelised Cost of Energy
LCT	Landscape Character Type
LDP	Local Development Plan
LCU	Landscape Character Units
LCV	Light Commercial Vehicle
LI	Locally Important
LIA	Landscape Impact Assessment
LiDAR	Light Detection and Ranging
LTA	Long-term-average
Ltd.	Limited
LULUCF	Land Use, Land Use Change & Forestry
LV	Low Voltage
LVIA	Landscape and Visual Impact Assessment
Lw or LWA	Sound Power Level
L-NAPL's	Light Non-aqueous Phase Liquids
m	Metres
mm	Millimetre
m ²	Metres squared
m/s	Meters per second
m/sec	Meters per second
m ³	Cubic metres
ms ⁻¹	Meters per second
mbGL	Metres below Ground Level
MDCP	Mayo County Development Plan
MD	Municipal District
MEC	Maximum Export Capacity
Met	Meteorological
mg	Milligram
Mg/L	Milligram per Litre
MIT	Massachusetts Institute of Technology
MMaRC	Motorway Maintenance and Renewal Contracts
MSA	Minimum Sector Altitude
MW	MegaWatts
MWh	Megawatt hour
N	North
N	Nitrogen
N/A	Not Applicable
NAM	Normal Amplitude Modulation
Na/K-HCO ₃	Sodium-potassium bicarbonate
NBAP	National Biodiversity Action Plan
NBDC	National Biodiversity Data Centre

Acronym	Term
NBS	Nature Based Solutions
NCCAF	National Climate Change Adaption Framework
NCEP	National Energy and Climate Plan
NDP	National Development Plan
NCT	National Car Test
NE	Northeast
NECP	National Energy and Climate Plan
NEEAP	National Energy Efficiency Action Plan
NEO	Natural Environmental Objective
NFGWS	National Federation of Group Water Schemes
NH ₃	Ammonia
NHA	Natural Heritage Area
NHMRC	National Health and Medical Research Council
NIFM	National Indicative Flood Mapping
NIR	Natura Impact Report
NIS	Natura Impact Statement
NITB	Northern Ireland Tourism Board
NMI	National Museum of Ireland
NMP	National Mitigation Plan
NMS	National Monuments Service
No.	Number
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NPO	National Planning Objective
N ₂ O	Nitrous Oxide
NPF	National Planning Framework
NPWS	National Parks and Wildlife Services
NRA	National Roads Authority
NREAP/NEEAP	National Energy Efficiency and Renewable Energy Action Plans
NSO	National Strategic Outcomes
NSS	National Spatial Strategy
NTA	National Transport Authority
NTS	Non-Technical Summary
NW	Northwest
NWRA	Northern and Western Regional Assembly
OAM	Other Amplitude Modulation
O ₃	Ozone
OD	Ordnance Datum
OHL	Overhead Line
OLS	Obstacle Limitation Surfaces
OS	Ordnance Survey
OSI	Ordnance Survey Ireland
OM	Organic Matter
OMS	Operations, Maintenance and Services
OPEX	Operational Expenditure
OPW	Office of Public Works
O&M	Operation and Maintenance
P	Phosphorous
PAH	Polycyclic Aromatic Hydrocarbon
Pb	Lead
PB	Power Bank
PCE	Pre-Connection Enquiry
PFRA	Preliminary Flood Risk Assessment
pH	Potential Hydrogen
PhD	Doctor of Philosophy
PID	Public Information Day
PL	An Bord Pleanála Planning Reference
PM	Particulate Matter
PMP	Peat Management Plan
PMU	Power Management Unit
pNHA	Proposed Natural Area
PPA	Power Purchase Agreement

Acronym	Term
PPE	Personal Protective Equipment
PPG	Pollution Prevention Guidelines
PPM	Parts Per Million
PPP	Pollution Prevention Plan
PPS	Planning Policy Statement
PSAR	Peat Stability Assessment Report
PSCS	Project Supervisor for the Construction Stage
PSDP	Project Supervisor for the Design Process
PSHP	Preliminary Safety and Health Plan
PSRA	Peat Slide Risk Assessment
PTP	Point to Point
PV	Photovoltaic
PWS	Public Water Schemes)
QI	Qualifying Interest
Q3 2022	Quarter 3 of the year 2022
RAMS	River Assessment and Method Statement
RDS	Regional Development Strategy
RE	Renewable Energy
RED	Renewable Energy Directive
Ref	Reference
REO	Renewable Energy Objective
REP	Renewable Energy Policies
RES	Renewable Energy Strategy
RESS	Renewable Electricity Support Scheme
RHM	Register of Historical Monuments
Roi	Republic of Ireland
RMP	Record of Monuments and Places
RPM	Revolutions Per Minute
RPO	Regional Policy Objectives
RPA	Register of Protected Area
RPS	Record of Protected Structures
RSES	Regional Spatial & Economic Strategy
RSA	Road Safety Audits
RSIA	Road Safety Impact Assessment
RTC	Road Traffic Collisions
RTÉ	Raidió Teilifís Éireann
RTU	Remote Telemetry Unit
S	South
SAC	Special Areas of Conservation
SCADA	Supervisory Control and Data Acquisition
SCD	Sensory Cleaning Device
SCI	Special Conservation Interest
SDGs	Sustainable Development Goals
SE	Southeast
SEA	Strategic Environmental Assessment
SEAI	Sustainable Energy Authority of Ireland
SEI	Sustainable Energy Ireland
SEF	Strategic Energy Framework
SEPA	Scottish Environment Protection Agency
SFRA	Site Flood Risk Assessment
SF6	Sulphur Hexafluoride
SIS	Soil Information System
SID	Strategic Infrastructural Development
SMR	Sites and Monuments Record
SNH	Scottish Natural Heritage
SOx	Sulphur Oxides
SO ₂	Sulphur Dioxide
SNH	Scottish Natural Heritage
SP	Sampling Point
SPA	Special Protection Areas
SPA	Swept Path Analysis
SRA	South Regional Assembly

Acronym	Term
STE	Serrated Trailing Edge
STRIVE	Science, Technology, Research and Innovation
SuDS	Sustainable Urban Drainage Systems
SSR	Surveillance Radar System
SW	Southwest
SW	Surface Water
SWMP	Surface Water Management Plan
S.I	Statutory Instrument
T	Tonnes
TCC	Temporary Construction Compound
TDS	Total Dissolved Solids
TA	Transport Assessment
TDR	Turbine Delivery Route
TENT-T	Trans European Transport Network
TIA	Traffic Impact Assessment
TII	Traffic Infrastructure Ireland
TMP	Traffic Management Plan
TMS	Telemetric Monitoring Stations
TSS	Total Suspended Solids
TSO	Transmission System Operator
TTA	Traffic and Transport Assessment
UCC	University College Cork
UGC	Underground Cable
UCUGL	Unique Condition Underground Line
UGL	Underground Line
UK	United Kingdom
UNFCCC	United Nations Framework Convention on Climate Change
UNSDGs	United Nations Sustainable Development Goals
V	Volt
VIA	Visual Impact Assessment
VP	Viewpoint / Vantage Point
VRP	Viewshed Reference Points
VTT	Technical Research Centre of Finland
W	West
W	Watt
WCC	Watercourse Crossing
WCEMP	Water Construction Environmental Management Plan
WEI	Wind Energy Ireland
WEDG	Wind Energy Development Guidelines
WEPG	Wind Energy Planning Guidelines
WES	Wind Energy Strategy
WFD	Water Framework Directive
WGS84	The World Geodetic System 1984
WHO	World Health Organisation
WMO	World Meteorological Organisation
WTG	Wind Turbine Generators
WWTP	Wastewater Treatment Plant
ZTV	Zone of Theoretical Visibility
ZoI	Zone of Influence
µg	Microgram
%	Percent
€	Euro
°C	Degree Celcius
µS/cm	microSiemens/centimetre
µg/l	Micrograms per litre