

Appendix 1.2: 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 |
| AGL | Above Ground Level |
| AM | Amplitude Modulation |
| AMSL | Above Mean Sea Level |
| 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 |
| 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 |
| 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 |
| CO ₂ | Carbon Dioxide |
| COP21 | United Nations Climate Change Conference 2021 |
| 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 |

| Acronym | Term |
|-------------------------------|---|
| 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 |
| DCCAIE | 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 |
| DoE | Department of Environment |
| 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 |
| EcIA | 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 |
| ERICA | Engine for Releves to Irish Communities Assignment |
| ES | Environmental Statement |
| ESB(N) | Electricity Supply Board (Network) |
| EU | European Union |
| EWC | European Waste Codes |
| EWEA | European Wind Energy Association |
| EQS | Environmental Quality Standards |
| F | Frequency |
| FCESNH | Forestry Civil Engineering Scottish Natural Heritage |
| FM | Frequency Modulation |
| fh | Feature Height |
| FoS | Factor of Safety |
| FPO | Floral (Protection) Order |
| 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 |

| Acronym | Term |
|-----------------|--|
| GIS | Geographical Information System |
| 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 |
| GWB | Groundwater Body |
| GWh | Gigawatt Hours |
| ha | Hectare |
| HCV | Heavy Commercial Vehicle |
| HED | Historic Environment Division |
| HD | High Definition |
| 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 |
| 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 |
| IFI | Inland Fisheries Ireland |
| IGI | Institute of Geologist of Ireland |
| IGR | Irish Grid Reference |
| IOA | Institute of Acoustics |
| IPCC | Irish Peatland Conservation Council |
| ISO | International Organisation for Standardisation |
| ITM | Irish Transverse Mercator |
| IVC | Irish Vegetation Classification |
| IW | Irish Water |
| IWEA | Irish Wind Energy Association |
| I-WeBS | Irish Wetland Bird Survey |
| 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 |
| LCA | Landscape Character Assessment |
| LCOE | Levelised Cost of Energy |
| LCT | Landscape Character Type |
| LDP | Local Development Plan |
| LCV | Light Commercial Vehicle |
| LI | Locally Important |

| Acronym | Term |
|-----------------------|--|
| LIA | Landscape Impact Assessment |
| LiDAR | Light Detection and Ranging |
| LTA | Long-term-average |
| Ltd. | Limited |
| 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 |
| 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 |
| MOD | |
| 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 |
| 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 |
| NFGWS | National Federation of Group Water Schemes |
| NH ₃ | Ammonia |
| NHA | Natural Heritage Area |
| NHMRC | National Health and Medical Research Council |
| 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 |
| 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 |

| Acronym | Term |
|----------------|---|
| NTS | Non-Technical Summary |
| NW | Northwest |
| 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 |
| 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 |
| 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 |
| pSPA | Proposed Special Protection Area |
| PSRA | Peat Slide Risk Assessment |
| PTP | Point to Point |
| PV | Photovoltaic |
| 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 |
| REDII | Recast Renewable Energy Directive |
| Ref | Reference |
| RESS | Renewable Electricity Support Scheme |
| RHM | Register of Historical Monuments |
| RóI | 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 |

| Acronym | Term |
|-----------------|---|
| S | South |
| SAC | Special Areas of Conservation |
| SCADA | Supervisory Control and Data Acquisition |
| SCD | Sensory Cleaning Device |
| SCI | Special Conservation Interest |
| 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 |
| 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 |
| STE | Serrated Trailing Edge |
| SuDS | Sustainable Urban Drainage Systems |
| SSCO | Site-specific Conservation Objectives |
| SSR | Surveillance Radar System |
| SW | Southwest |
| SW | Surface Water |
| SWMP | Surface Water Management Plan |
| T | Tonnes |
| TDS | Total Dissolved Solids |
| TA | Transport Assessment |
| TCC | Tipperary County Council |
| 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 |
| TTA | Traffic and Transport Assessment |
| UGCUGUKTVI | Underground Cable Underground Cable United Kingdom Theoretical Zone of Visibility |
| UCUGL | Unique Condition Underground Line |
| UGL | Underground Line |
| UGLUKUGL | Underground Line United Kingdom Underground Line |
| UNFCCC | United Nations Framework Convention on Climate Change |
| UNSDGs | United Nations Sustainable Development Goals |
| V | Volt |
| VIAUNFCCC | Visual Impact Assessment United Nations Framework Convention on Climate Change |
| VPV | Viewpoint / Vantage Point |
| VRP | Viewshed Reference Points |
| VTT | Technical Research Centre of Finland |
| VIA | Visual Impact Assessment |
| WWDCVRP | Western Development Commission Viewshed Reference Points Watt |
| WCC | Watercourse Crossing |
| WCCC | Waterford and City County Council |
| WCCDP | Waterford and City County Council Development Plan |
| WCEMP | Water Construction Environmental Management Plan |
| WEDGWCEMP | Wind Energy Development Guidelines Water Construction Environmental Management Plan |
| WEDG | Wind Energy Development Guidelines |
| WEPGWEDG | Wind Energy Planning Guidelines Wind Energy Development Guidelines |

| Acronym | Term |
|---------|---|
| WES | Wind Energy Strategy |
| WFD | Water Framework Directive |
| WGS84 | The World Geodetic System 1984 |
| WHOWEPG | World Health Organisation Wind Energy Planning Guidelines |
| WMOWFD | World Meteorological Organisation Water Framework Directive |
| WWTP | Wastewater Treatment Plant |
| WHO | World Health Organisation |
| WTG | Wind Turbine Generators |
| µg | Microgram |
| % | Percent |
| € | Euro |
| °C | Degree Celsius |
| µS/cm | microSiemens/centimetre |
| µg/l | Micrograms per litre |