



Glossary

Glossary of Terminology, Abbreviations and Acronyms

| Term, Abbreviation or Acronym | Description |
|--|---|
| A | Alluvium |
| AA | Appropriate Assessment |
| AADT | Annual Average Daily Traffic |
| ABP | An Bord Pleanála |
| ACA | Architectural Conservation Areas |
| AcEsk | Eskers comprised of gravels of acidic reaction |
| AD | Anno Domini |
| A & E | Accident and Emergency |
| AeoUND | Aeolian undifferentiated |
| AEP | Annual Exceedance Probability |
| Ag | Alluvium (gravelly) |
| AlluvMin | Alluvial (min) |
| AminDW | Deep well drained mineral soil (mainly acidic) |
| AminPD | Mineral poorly drained (mainly acidic) |
| AminPDPT | Peaty Gleys Acidic |
| AminSP | Surface water gleys / Ground water gleys shallow |
| AminSRPT | Shallow rocky peaty, non-peaty mineral complexes (mainly acidic) |
| AminSW | Shallow well drained mineral soil (mainly acidic) |
| Annex I Habitats | Habitat types whose conservation requires the designation of Special Areas of Conservation. Priority habitats, which are in danger of disappearing within the EU territory, are highlighted with an asterisk. |
| Annex I Species | Annex I of the Birds Directive lists 193 bird species and sub-species which are: i) in danger of extinction, ii) vulnerable to specific changes in their habitat, iii) considered rare because of small populations or restricted local distribution and / or iv) require particular attention for reasons of the specific nature of habitat. Article 4 of the Birds Directive has classified a number of Special Protection Areas (SPAs) for regularly occurring migratory birds and those birds listed on Annex I of the directive. |
| Annex II Species | Animal and plant species whose conservation requires the designation of Special Areas of Conservation. |
| Annex IV | Animal and plant species in need of strict protection. |
| Annex V | Animal and plant species whose taking in the wild and exploitation may be subject to management measures. |
| AQG | Air Quality Guideline |
| As | Alluvium (sandy) |
| ASD | Autism Spectrum Disorder |
| Asi | Alluvium (silty) |
| ASL | Advance Stacking Location |
| ASR | Air sensitive receptor |
| ATCs | Automatic Traffic Counts |
| AVL | Automatic Vehicle Location |
| AWB | Artificial Surface Waterbodies |
| AWQR | Annual Water Quality Rating |
| BCI | Bat Conservation Ireland |
| Birds of Conservation Concern in Ireland | BirdWatch Ireland and the Royal Society for the Protection of Birds (RSPB) in Northern Ireland provided a list of priority bird species for conservation action on the island of Ireland. These Birds of Conservation Concern in Ireland are published in a list known as the BoCCI List. In this BoCCI List, birds which breed and / or winter in Ireland are classified into three separate lists (Red, Amber and Green), based on the conservation status of the bird and hence conservation priority. |
| Bq / m ³ | Bequerel per cubic metre |
| BktPt | Blanket Peat |
| BminDW | Deep well drained mineral soil (mainly basic) |
| BminPD | Mineral poorly drained (mainly basic) |

| Term, Abbreviation or Acronym | Description |
|---|---|
| BminPDPT | Peaty gleys basic parent materials basic |
| BminSP | Surface water gleys / groundwater gleys shallow |
| BminSPPT | Peaty gleys shallow |
| BminSRPT | Lithosols peats |
| BminSW | Renzinas / Lithosols |
| BMW | Biodegradable Municipal Waste |
| BoCCI | Birds of Conservation Concern in Ireland |
| BRE | Building Research Establishment Group |
| BRT | Bus Rapid Transit |
| BS | British Standard |
| BSBI | Botanical Society of Britain and Ireland |
| BSI | British Standard Institute |
| BTH | Built Heritage |
| BTO | British Trust for Ornithology |
| BusConnects Dublin - Core Bus Corridor Infrastructure Works | The BusConnects Dublin - Core Bus Corridor Infrastructure Works are the works for Dublin and includes all 12 Proposed Schemes. |
| Bus Gate | A Bus Gate is a sign-posted short length of stand-alone bus lane. This short length of road is restricted exclusively to buses, taxis and cyclists plus emergency vehicles. It facilitates bus priority by removing general through traffic along the overall road where the bus gate is located. General traffic will be directed by signage to divert away to other roads before they arrive at the Bus Gate. |
| Bus Lane | An on-road carriageway reserved primarily for the use of buses. A bus lane forms part of a road link and it is located within the contiguous road surface. |
| CA | Conservation Area |
| CaCO ₃ | Calcium Carbonate |
| CAP | Climate Action Plan |
| CARO | Climate Action Regional Office |
| Catchment | The area of land bounded by watersheds draining into a river, basin or reservoir. |
| CBA | Cost Benefit Analysis |
| CBC | Core Bus Corridor |
| CC | Construction Compound |
| CCTV | Close-circuit television |
| CDRWMP | Construction and Demolition Resource and Waste Management Plan |
| CEA | Cumulative Effects Assessment |
| CEMP | Construction Environmental Management Plan |
| CERC | Cambridge Environmental Research Consultants |
| CESSM | Civil Engineering Standard Model of Measurement |
| CGS | County Geological Sites |
| CH ₄ | Methane |
| CIE | Córas Iompair Éireann |
| CIEEM | Chartered Institute of Ecology and Environmental Management |
| CifA | Chartered Institute for Archaeologists |
| CIRIA | Construction Industry Research and Information Association |
| CMATS | Cork Metropolitan Area Transport Strategy |
| CNL | Construction Noise Levels |
| CNOSSOS | Common Noise Assessment Methods in Europe |
| CNT | Construction Noise Threshold |
| CO | Carbon Monoxide |
| COMAH | Control of Major Accident Hazards Involving Dangerous Substances |
| Construction Phase | The processes and activities on or off site that contribute or are instrumental to the construction of the Proposed Scheme towards, and finally to, the Operational Phase. |
| Construction Year (2024) | For the purposes of modelling, a Construction Year of 2024 is assumed. |

| Term, Abbreviation or Acronym | Description |
|-------------------------------|---|
| CORINE | Co-ordinated Information on the Environment |
| CP | Communications Plan |
| CPO | Compulsory Purchase Order |
| CRTN | Calculation of Road Traffic Noise |
| cSAC | Candidate Special Area of Conservation |
| CSM | Conceptual Site Model |
| CSMMP | Construction Stage Mobility Management Plan |
| CSO | Central Statistics Office |
| CSZ | Core Sustainance Zone |
| CTMP | Construction Traffic Management Plan |
| Cut | Cut over raised peat |
| Cycle Lane | A cycle lane is a lane on the carriageway that is reserved either exclusively or primarily for cycling and is separated from general traffic or bus lanes by road markings. |
| Cycle Track | A cycle track is a separate section of the road dedicated for cycling only. This space will generally be isolated from other vehicular traffic by a physical kerb. |
| DAHG | Department of Arts, Heritage and the Gaeltacht |
| DAHGI | Department of Arts, Heritage, Gaeltacht and the Islands |
| DART | Dublin Area Rapid Transport |
| DAU | Development Applications Unit |
| dB | Decibel |
| DCC | Dublin City Council |
| DCCAE | Department of Communications, Climate Action and Environment |
| DCDP | Dublin City Development Plan 2016 - 2022 |
| DCENR | Department of Communications, Energy and Natural Resources |
| DCHG | Department of Culture, Heritage and the Gaeltacht |
| DCIHR | Dublin City Industrial Heritage Record |
| DECLG | Department of the Environment, Community and Local Government |
| DEFRA | Department of Environment, Food and Rural Affairs |
| DEHLG | Department of the Environment, Health and Local Government. |
| Designated sites | Selected sites designated with the aim to conserve habitats and species of conservation concern. |
| Design Year (2043) | For the purposes of modelling, a Design Year of 2043 is assumed. |
| DFI | Disability Federation Ireland |
| DHLGH | Department of Housing, Local Government and Heritage |
| DHPLG | Department of Housing, Planning and Local Government |
| DM | Do Minimum |
| DMRB | Design Manual for Roads and Bridges |
| DMURS | Design Manual for Urban Roads and Streets |
| DN | Do Nothing |
| DoT | Department of Transport |
| DS | Do Something |
| DTTAS | Department of Transport, Tourism and Sport |
| DUTC | Dublin United Tramway Company |
| EC | European Commission |
| ED | Engineering Designers |
| EEA | European Environment Agency |
| EFLA | European Foundation of Landscape Architecture |
| EFT | Emission Factor Toolkit |
| EIA | Environmental Impact Assessment – refers to the assessment process and the assessment that An Bord Pleanála will carry out. |
| EIAR | Environmental Impact Assessment Report – refers to the EIA report document. |

| Term, Abbreviation or Acronym | Description |
|-------------------------------|--|
| EIRP | Environmental Incident Response Plan |
| EIS | Environmental Impact Statement |
| EMRA | Eastern and Midlands Regional Assembly |
| EMWR | Eastern-Midlands Waste Region |
| EPA | Environmental Protection Agency |
| EPR | Emerging Preferred Route |
| ERBD | Eastern River Basin District |
| ERM | East Regional Model |
| ESB | Electricity Supply Board |
| ESD | Effort Sharing Decision |
| ETS | Emission Trading Scheme |
| EU | European Union |
| EUPHA | European Public Health Association |
| EVs | Electric Vehicles |
| FCC | Fingal County Council |
| FenPT | Fenpeat |
| FRA | Flood Risk Assessment |
| FRM | Flood Risk Management |
| GAA | Gaelic Athletic Association |
| GCh | Gravels derived from chert |
| GDA | Greater Dublin Area |
| GDACNP | Greater Dublin Area Cycle Network Plan |
| GDRCoP | Greater Dublin Regional Code of Practice |
| GDSDS | Greater Dublin Strategic Drainage Study |
| GEIA | Guidelines for planning authorities and An Bord Pleanála on carrying out Environmental Impact Assessment |
| GGr | Gravels derived from granite |
| GGBFS | Ground granulated blast-furnace slag |
| GHG | Greenhouse Gas |
| GIS | Geographic Information System |
| GLs | Gravel derived from limestone |
| GLC | Ground level concentrations |
| GLPSsS | Gravels derived from Lower Palaeozoic sandstones and shales |
| GLVIA | Guidelines for Landscape and Visual Impact Assessment |
| Gmp | Gravels derived from metamorphic rocks |
| GNI | Gas Networks Ireland |
| GPO | General Post Office |
| GPR | Ground Penetrating Radar |
| GPS | Global Positioning System |
| GSI | Geological Survey Ireland |
| GWB | Groundwater Bodies |
| GWP | Global Warming Potential |
| ha | Hectares |
| HA | Hydrometric Area |
| HDV | Heavy Duty Vehicle |
| HMWB | Highly Modified Water Bodies |
| HEV | Historic Environment Viewer |
| HEVs | Hybrid Electrical Vehicles |
| HGV | Heavy Goods Vehicle |
| HIA | Health Impact Assessment |

| Term, Abbreviation or Acronym | Description |
|-------------------------------|--|
| HLC | Historic Landscape Character |
| hPa | Hectopascals |
| HSA | Health and Safety Authority |
| HSE | Health Service Executive |
| Hydromorphology | Hydromorphology is a term used in river basin management to describe the hydrological (water flow, energy etc.) and geomorphological (surface features) processes and attributes of rivers, lakes, estuaries and coastal waters. |
| Hz | Hertz |
| IAA | Irish Architectural Archive |
| IAIA | International Association for Impact Assessment |
| IAQM | Institute of Air Quality Management |
| ICE | Internal Combustion Engine |
| ICOMOS | International Council of Monuments and Sites |
| IEL | Industrial Emissions License |
| IEMA | Institute of Environmental Management and Assessment |
| IES | Institute of Environmental Sciences |
| IFI | Inland Fisheries Ireland |
| IGI | Institute of Geologists of Ireland |
| INDCs | Intended Nationally Determined Contributions |
| Invasive species | An invasive species is a plant, fungus, or animal species that is not native to a specific location. |
| IPCC | Intergovernmental Panel on Climate Change |
| IPHI | Institute of Public Health in Ireland |
| IPI | Irish Planning Institute |
| IrSTCSsS | Irish sea till derived from Cambrian sandstones and shales |
| IrSTLPSsS | Irish Sea Till derived from Lower Palaeozoic sandstones and shales |
| IrSTLs | Irish sea till derived from limestones |
| ISMP | Invasive Species Management Plan |
| IOA | Institute of Acoustics |
| ISO | International Organization for Standardization |
| ITM | Irish Transverse Mercator |
| IW | Irish Water |
| JTCs | Junction Turning Counts |
| KER | Key Ecological Receptors – Ecological receptors include any living organisms (other than humans), the habitat which supports such organisms, or natural resources which could be adversely affected by the Proposed Scheme |
| kHz | Kilohertz |
| km | Kilometre |
| kt | Kilotonnes |
| kV | Kilovolt |
| Lac | Lacustrine sediments |
| LAM | Local Area Model |
| LAP | Local Area Plan |
| LEBM | Low Energy Bound Mix |
| LED | Light Emitting Diode |
| LEVs | Low Emission Vehicles |
| LGV | Light Goods Vehicle |
| LoW | List of Waste |
| LP | Lamp Post |
| m | Metres |
| made | Made ground |
| MarSands | Marine sands and gravels |

| Term, Abbreviation or Acronym | Description |
|-------------------------------|--|
| MarSed | Marine / Estuarine sediments |
| MASP | Metropolitan Area Strategic Plan |
| mBGL | Metres Below Ground Level |
| Mbs | Marine beach sands |
| MCA | Multi-Criteria Analysis |
| Mesc | Estuarine silts and clays |
| mg / m ³ | Milligrams per cubic metre |
| mOD | Metres above Ordnance Datum |
| MRF | Materials Recovery Facility |
| MS | Mile Stones |
| MSA | Million Standard Axles |
| MSW | Municipal Solid Waste |
| NAF | National Adaptation Framework |
| NaPTAN | National Public Transport Access Nodes |
| Natura Impact Statement | Statement for the purposes of Article 6 of the Habitats Directive, of the implications of a proposed development, on its own or in combination with other plans or projects, for one or more than one European site, in view of the conservation objectives of the site or sites prepared to enable the carrying out by the competent authority of an Appropriate Assessment as required under the Habitats Directive. |
| NBDC | National Biodiversity Data Centre |
| NCM | National Cycle Manual |
| NDP | National Development Plan |
| NFGWS | National Federation of Group Water Schemes |
| NH ₃ | Ammonia |
| NHA | Natural Heritage Area |
| NIAH | National Inventory of Architectural Heritage |
| NIFTI | National Investment Framework for Transport in Ireland |
| NIS | Natura Impact Statement |
| NMI | National Museum of Ireland |
| NMS | National Monuments Service |
| NMVOC | Non-methane volatile organic compounds |
| NO _x | Nitrogen oxides |
| NO | Nitric oxide |
| NO ₂ | Nitrogen dioxide |
| N ₂ O | Nitrous oxide |
| NPF | National Planning Framework |
| NPWS | National Parks and Wildlife Services |
| NRA | National Roads Authority |
| NSLs | Noise Sensitive Locations |
| NTA | National Transport Authority |
| NTM | National Transport Model |
| O ₃ | Ozone |
| OBI | O'Brien Institute |
| Opening Year (2028) | For the purposes of modelling, an Opening Year of 2028 is assumed |
| Operational Phase | This phrase refers to the processes and activities implemented following the Construction Phase to ensure the appropriate environmental management of the Proposed Scheme over time. |
| OPW | Office of Public Works |
| OS | Ordnance Survey |
| OSI | Ordnance Survey Ireland |
| Pb | Lead |
| PB | Post Box |
| PC | Process contribution |

| Term, Abbreviation or Acronym | Description |
|-------------------------------|--|
| PDGB | Preliminary Design Guidance Booklet for BusConnects Core Bus Corridors |
| PEC | Predicted Environmental Concentration |
| Pedestrian Link | A stretch of footpath that facilitates the movement of pedestrian traffic which can be located immediately adjacent to or segregated from a road link. |
| PM | Particulate matter |
| PM _{2.5} | Particulate matter of less than 2.5 microns |
| PM ₁₀ | Particulate matter of less than 10 microns |
| pNHA | Proposed Natural Heritage Area |
| PPE | Personal Protective Equipment |
| PPV | Peak Particle Velocity |
| PRO | Preferred Route Option – this is the route option chosen, and the subject of the EIA. |
| PRFs | Potential Roost Features |
| ProPG | Professional Practice Guidance on Planning and Noise |
| Proposed Scheme | Each of the 12 Proposed Schemes consists of either a stand-alone CBC (e.g. Lucan to City Centre) or two combined CBCs (e.g. Clondalkin to Drimnagh and Greenhills to City Centre). |
| Protected Cycle Lane | This refers to a cycle lane that is protected intermittently with pencil bollards or armadillos between the cycle lane and the traffic lane. |
| PSO | Public Service Obligation |
| PSZ | Public Safety Zone |
| Rck | Bedrock outcrop or subcrop |
| QBC | Quality Bus Corridor |
| QI | Qualifying Interest |
| QoS | Quality of Service |
| Quiet Street Treatment | Quiet Streets are called so due to the low amount of general traffic and are deemed suitable for cyclists sharing the roadway with general traffic without the need for segregated cycle tracks. The Quiet Street Treatment would involve appropriate advisory signage for both general road users and cyclists. |
| RBD | River Basin District |
| RBMP | River Basin Management Plan |
| Rck | Bedrock outcrop or subcrop |
| RMP | Record of Monuments and Places |
| RMS | Root mean squared |
| RMSE | Root mean square error |
| Road Link | A stretch of national, regional or local road network that predominantly facilitates the movement of vehicular traffic along a carriageway. |
| RPA | Root Protection Area |
| RPS | Record of Protected Structures |
| RSA | Road Safety Authority |
| RSES | Regional Spatial and Economic Strategy |
| RTPI | Real-time Passenger Information |
| SAC | Special Area of Conservation |
| Salmonid | Any species of the family (Salmonidae) of elongate bony fishes (such as a salmon or trout) that have the last three vertebrae upturned (i.e. ray-finned fish). |
| SCATS | Sydney Coordinated Adaptive Traffic System |
| SCI | Special Conservation Interest |
| SDCC | South Dublin County Council |
| SDG | Sustainable Development Goal |
| SDR | Standardised Death Rate |
| SDZ | Strategic Development Zone |
| SEA | Strategic Environmental Assessment |
| SFPA | Sea Fisheries Protection Authority |
| Shared Surface | Part of a carriageway that facilitates more than one mode of transport e.g. Shared Surface Pedestrian / Cycle Lane, Shared Surface Bus / Cycle Lane etc. |

| Term, Abbreviation or Acronym | Description |
|-------------------------------|--|
| SHD | Strategic Housing Development |
| Signal Controlled Priority | Signal Controlled Priority uses traffic signals to enable buses to get priority ahead of other traffic on single road sections and is only effective for short distances. |
| SLR | Single-lens Reflex |
| SMR | Sites and Monuments Record |
| SO _x | Sulphur oxides |
| SO ₂ | Sulphur dioxide |
| SPA | Special Protection Area |
| SPZ | Source Protection Zone |
| SUDS | Sustainable Drainage Systems |
| SWMP | Surface Water Management Plan |
| SWO | Storm Water Overflow |
| TCA | Townscape Character Assessment |
| TCSsS | Till derived from Cambrian sandstones and shales |
| TdIMr | Tidal Marsh |
| TGr | Till derived from granites |
| The Birds Directive | The Birds Directive (formally known as Council Directive 2009/147/EC on the conservation of wild birds) is a European Union directive adopted in 2009. It replaces Council Directive 79/409/EEC of 2 April 1979 on the conservation of wild birds. It aims to protect all European wild birds and the habitats of listed species, in particular through the designation of Special Protection Areas. |
| The Habitats Directive | EU Directive on the Conservation of Habitats, Flora and Fauna (92/43/EEC), commonly known as "the Habitats Directive", was adopted in 1992, came into force in 1994 and was transposed into Irish law in 1997. |
| TIA | Transport Infrastructure Assessment |
| TICCIH | The International Committee for the Conservation of the Industrial Heritage |
| TII | Transport Infrastructure Ireland |
| TLPSsS | Till derived from Lower Palaeozoic sandstones and shales |
| TLs | Till derived from limestones |
| TMp | Till derived from metamorphic rock |
| TMp | Till derived from metamorphic rocks |
| Toucan Crossing | A Toucan Crossing is a roadway crossing designed to enable both pedestrians and cyclists to cross the road with purposefully designed signal controls. |
| TPO | Tree Preservation Order |
| TQz | Till derived from quartzites |
| TSM | Traffic Signs Manual |
| UCD | University College Dublin |
| UK | United Kingdom |
| UKHA | United Kingdom Highways Agency |
| UNECE | United Nations Economic Commission for Europe |
| UNEP | United Nations Environment Program |
| UNESCO | United Nations Educational, Scientific and Cultural Organization |
| UNFCCC | United Nations Framework Convention on Climate Change |
| Urban | Urban (ground made) |
| Urban Realm | Urban Realm is the term for everyday street spaces that are used by the public to cross, shop, socialise, play and use for activities including walking, exercising and commuting. |
| US | United States |
| UV | Ultra Violet |
| UWWT | Urban Waste-Water Treatment |
| VDI | Verein Deutscher Ingenieure |
| VDV | Vibration Dose Value |
| VOCs | Volatile Organic Compound |
| VRDP | Visual Representation of Development Proposals |

| Term, Abbreviation or Acronym | Description |
|-------------------------------|---|
| VSLs | Vibration Sensitive Locations |
| WCP | Waste Collection Permit |
| WEEE | Waste Electrical and Electronic Equipment |
| WFD | Water Framework Directive |
| WHO | World Health Organization |
| Ws | Windblown sands |
| Wsd | Windblown sands and dunes |
| WWTP | Waste Water Treatment Plant |
| ZAP | Zone of Archaeological Potential |
| ZoI | Zone of Influence |
| $\mu\text{g} / \text{m}^3$ | Micrograms per cubic metre |