



# Glossary and Abbreviations

## Glossary of Terminology, Abbreviations and Acronyms

| Term, Abbreviation or Acronym            | Description   |
|--|---|
| A  | Alluvium  |
| AA                                       | Appropriate Assessment  |
| AADT                                     | Annual Average Daily Traffic  |
| AAP                                      | Area of archaeological potential  |
| ABP                                      | An Bord Pleanála  |
| ACA                                      | Architectural Conservation Areas  |
| AcEsk                                    | Eskers comprised of gravels of acidic reaction  |
| AD                                       | Anno Domini   |
| ADEPT                                    | Association of Directors of Environment, Economy, Planning and Transport  |
| ADMS                                     | Atmospheric Dispersion Modelling System   |
| A&E                                      | Accident and Emergency  |
| AeoUND                                   | Aeolian undifferentiated  |
| AEP                                      | Annual Exceedance Probability   |
| Ag                                       | Alluvium (gravelly)   |
| AIA                                      | Arboricultural Impact Assessment  |
| 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.   |
| APM                                      | Automated People Mover  |
| AQG                                      | Air Quality Guideline   |
| As                                       | Alluvium (sandy)  |
| ASD                                      | Autism Spectrum Disorder  |
| Asi                                      | Alluvium (silty)  |
| AsIAm                                    | Autism Spectrum Information Advice and Meeting Point  |
| ASL                                      | Advance Stacking Location   |
| ASR                                      | Air sensitive receptor  |
| AT                                       | Attenuation Tanks   |
| ATCs                                     | Automatic Traffic Counts  |
| AVL                                      | Automatic Vehicle Location  |
| AWB                                      | Artificial Surface Waterbodies  |
| 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   |

| Term, Abbreviation or Acronym                               | Description   |
|---|---|
|   | 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 <sup>3</sup>   | Bequerel per cubic metre  |
| BktPt   | Blanket Peat  |
| BminDW  | Deep well drained mineral soil (mainly basic)   |
| BminPD  | Mineral poorly drained (mainly basic)   |
| 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 Transport   |
| 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 <sub>3</sub>   | Calcium Carbonate   |
| C & D   | Construction and Demolition   |
| CAF   | Common Appraisal Framework  |
| CAFE Directive  | Directive 2008/50/EC of the European Parliament and of the Council of 21 May 2008 on ambient air quality and cleaner air for Europe   |
| 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   |
| CBD   | Convention of Biological Diversity  |
| 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 <sub>4</sub>   | Methane   |
| CHI   | Children's Health Ireland Hospital  |
| CIE   | Córas Iompair Éireann   |
| CIEEM   | Chartered Institute of Ecology and Environmental Management   |

| Term, Abbreviation or Acronym | Description   |
|-------------------------------|---|
| CFA                           | Continuous Flight Auger   |
| CIFA                          | Chartered Institute for Archaeologists  |
| CIHT                          | Chartered Institution of Highways and Transportation  |
| 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   |
| CO <sub>2</sub>               | Carbon Dioxide  |
| 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.  |
| CORINE                        | Coordinated Information on the Environment  |
| CPO                           | Compulsory Purchase Order   |
| CRTN                          | Calculation of Road Traffic Noise   |
| CSM                           | Conceptual Site Model   |
| CSMMP                         | Construction Stage Mobility Management Plan   |
| CSO                           | Central Statistics Office   |
| CSZ                           | Core Sustainance Zone   |
| CTMP                          | Construction Traffic Management Plan  |
| Cut                           | Raised bog cutaway / cutover  |
| 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.          |
| DAA                           | Dublin Authority Airport  |
| DAHG                          | Department of Arts, Heritage and the Gaeltacht  |
| DAHGI                         | Department of Arts, Heritage, Gaeltacht and the Islands   |
| DALP                          | Dublin Airport Local Area Plan  |
| 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  |
| DCU                           | Dublin City University  |
| DECC                          | Department for Environment, Climate & Communications  |
| 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   |
| DfT                           | UK Department for Transport   |
| DHLGH                         | Department of Housing, Local Government and Heritage  |

| Term, Abbreviation or Acronym | Description   |
|-------------------------------|---|
| 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   |
| EEA                           | European Environment Agency   |
| EFLA                          | European Foundation of Landscape Architecture   |
| EFT                           | Emission Factor Toolkit   |
| EGD                           | European Green Deal   |
| 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.   |
| EIRP                          | Environmental Incident Response Plan  |
| EIS                           | Environmental Impact Statement  |
| EMRA                          | Eastern and Midlands Regional Assembly  |
| EMWR                          | Eastern-Midlands Waste Region   |
| ENEVAL                        | Environmental Evaluation Model  |
| EPA                           | Environmental Protection Agency   |
| EPR                           | Emerging Preferred Route  |
| ERBD                          | Eastern River Basin District  |
| ERM                           | East Regional Model   |
| ESB                           | Electricity Supply Board  |
| ETS                           | Emission Trading Scheme   |
| EU                            | European Union  |
| EUPHA                         | European Public Health Association  |
| EV                            | Electric Vehicle  |
| FCC                           | Fingal County Council   |
| FCDP                          | Fingal County Development Plan  |
| FD                            | Filter Drains   |
| FDP                           | Fingal Development Plan   |
| FenPT                         | Fenpeat   |
| FLAP                          | Fosterstown Local Area Plan   |
| FRA                           | Flood Risk Assessment   |
| FRM                           | Flood Risk Management   |
| GGBFS                         | Ground Granulated Blast Furnace Slag  |
| GCh                           | Gravels derived from chert  |
| GDA                           | Greater Dublin Area   |
| GDACNP                        | Greater Dublin Area Cycle Network Plan  |
| GDATS                         | Greater Dublin Area Transport Strategy  |
| GDRCoP                        | Greater Dublin Regional Code of Practice  |
| GSDSDS                        | Greater Dublin Strategic Drainage Study   |
| GEIA                          | Guidelines for Planning Authorities and An Bord Pleanála on Carrying Out Environmental Impact Assessment                    |
| GEP                           | Good Ecological Potential   |
| GES                           | Good Ecological Status  |
| GGr                           | Gravels derived from granite  |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| GGBFS                         | Ground granulated blast-furnace slag   |
| GHG                           | Greenhouse Gas   |
| GI                            | Green Infrastructure   |
| 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   |
| GPR                           | Ground Penetrating Radar   |
| GPS                           | Global Positioning System  |
| GSI                           | Geological Survey Ireland  |
| GSL                           | Geological Society of London   |
| GWB                           | Groundwater Bodies   |
| GWP                           | Global Warming Potential   |
| ha                            | Hectares   |
| HA                            | Hydrometric Area   |
| HDD                           | Horizontal Directional Drilling  |
| HDV                           | Heavy Duty Vehicle   |
| HMWB                          | Highly Modified Water Bodies   |
| HEV                           | Historic Environment Viewer  |
| HGV                           | Heavy Goods Vehicle  |
| HIA                           | Health Impact Assessment   |
| HLC                           | Historic Landscape Character   |
| 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  |
| IAMAIAIA                      | International Association for Impact Assessment  |
| IAI                           | Institute of Archaeologists of Ireland   |
| IAQM                          | Institute of Air Quality Management  |
| ICE                           | Internal Combustion Engine   |
| ICOH                          | International Commission on Occupational Health  |
| ICOMOS                        | International Council of Monuments and Sites   |
| IE                            | Industrial Emissions   |
| IEMA                          | Institute of Environmental Management and Assessment   |
| IES                           | Institute of Environmental Sciences  |
| IFI                           | Inland Fisheries Ireland   |
| IGI                           | Institute of Geologists of Ireland   |
| ILI                           | Irish Landscape Institute  |
| ILP                           | Institution of Lighting Professionals  |
| 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  |
| IPH                           | Institute of Public Health in Ireland  |
| IPI                           | Irish Planning Institute   |
| IPPC                          | Integrated Pollution Prevention and Control  |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| 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   |
| IRRS                          | Irish Railways Record Society  |
| ISO                           | International Organization for Standardization   |
| ITM                           | Irish Transverse Mercator  |
| IUCN                          | International Union for Conservation of Nature   |
| IW                            | Irish Water  |
| IWA                           | Irish Wheelchair Association   |
| 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 |
| KFPA                          | Kerbs, Footways and Paved Areas  |
| kg                            | Kilogram   |
| km                            | Kilometre  |
| kt                            | Kilotonnes   |
| kV                            | Kilovolt   |
| L                             | Lacustrine sediments   |
| LAM                           | Local Area Model   |
| LAP                           | Local Area Plan  |
| LAQM                          | Local Air Quality Management Policy Guidance   |
| LED                           | Light Emitting Diode   |
| LEV                           | Low Emission Vehicle   |
| LGV                           | Light Goods Vehicle  |
| LHOI                          | Lamprey Habitat Quality Index  |
| LI                            | Locally Important Aquifer  |
| LIBS                          | Locally Important Biodiversity Sites   |
| LoS                           | Level of Service   |
| LoW                           | List of Waste  |
| LP                            | Lamp Post  |
| LPA                           | Local Planning Area  |
| LRDs                          | Large-scale Residential Developments   |
| LUTS                          | Land Use and Transport Strategy  |
| m                             | Metres   |
| Made                          | Made ground  |
| MarSands                      | Marine sands and gravels   |
| 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 <sup>3</sup>             | Milligrams per cubic metre   |
| MGWR                          | Midland Great Western Railway Company  |
| mOD                           | Metres above Ordnance Datum  |
| MPA                           | Mineral Products Association   |
| MRF                           | Materials Recovery Facility  |
| MS                            | Mile Stone   |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| MSW                           | Municipal Solid Waste  |
| MV                            | Medium Voltage   |
| N                             | Nitrogen   |
| NAI                           | National Archives of Ireland   |
| NAP                           | Noise Action Plan  |
| NAF                           | National Adaptation Framework  |
| NaPTAN                        | National Public Transport Access Nodes   |
| Natura Impact Statement (NIS) | 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  |
| NCPF                          | National Cycle Policy Framework  |
| NCRI                          | National Cancer Registry Ireland   |
| NDA                           | National Disability Authority  |
| NDP                           | National Development Plan  |
| NEIC                          | North East Inner City  |
| NFGWS                         | National Federation of Group Water Schemes   |
| NH <sub>3</sub>               | Ammonia  |
| NHA                           | Natural Heritage Area  |
| NIAH                          | National Inventory of Architectural Heritage   |
| NIFTI                         | National Investment Framework for Transport in Ireland   |
| NIS                           | Natura Impact Statement  |
| NLI                           | National Library of Ireland  |
| NMI                           | National Museum of Ireland   |
| NMS                           | National Monuments Service   |
| NMVOC                         | Non-methane volatile organic compounds   |
| NO <sub>x</sub>               | Nitrogen oxides  |
| NO                            | Nitric oxide   |
| NO <sub>2</sub>               | Nitrogen dioxide   |
| N <sub>2</sub> O              | Nitrous oxide  |
| NPF                           | National Planning Framework  |
| NPWS                          | National Parks and Wildlife Services   |
| NRA                           | National Roads Authority   |
| NSA                           | Nutrient Sensitive Area  |
| NSL                           | Noise Sensitive Location   |
| NSO                           | National Strategic Outcome   |
| NSNW                          | National Survey of Native Woodland   |
| NTA                           | National Transport Authority   |
| NTM                           | National Transport Model   |
| O <sub>3</sub>                | Ozone  |
| 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  |
| OSP                           | Oversized Pipes  |
| OSM                           | Ordnance Survey Mapping  |
| Pb                            | Lead   |



| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| PB                            | Post Box   |
| PC                            | Process contribution   |
| 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.   |
| PI                            | Poor Aquifer   |
| PINS                          | UK Planning Inspectorate   |
| PM                            | Particulate matter   |
| PM <sub>2.5</sub>             | Particulate matter of less than 2.5 microns  |
| PM <sub>10</sub>              | Particulate matter of less than 10 microns   |
| PMSC                          | People Movement at Signals Calculator  |
| pNHA                          | Proposed Natural Heritage Area   |
| PoMs                          | Programme of Measures  |
| 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   |
| 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.   |
| PSCI                          | Pavement Surface Condition Index   |
| PSO                           | Public Service Obligation  |
| PSZ                           | Public Safety Zones  |
| PT                            | Public Transport   |
| Q                             | Biotic Indices or Quality Values   |
| 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  |
| rBWD                          | Revised Bathing Water Directive  |
| RC                            | Reinforced Concrete  |
| RCC                           | Royal Canal Company  |
| Rck                           | Bedrock outcrop or subcrop   |
| RCSI                          | Royal College of Surgeons Ireland  |
| 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   |
| RPO                           | Regional Policy Objective  |
| RPS                           | Record of Protected Structures   |
| RSA                           | Road Safety Authority  |
| RSES                          | Regional Spatial and Economic Strategy   |
| RTPI                          | Real-time Passenger Information  |
| RW                            | Retaining Wall   |
| SAC                           | Special Area of Conservation   |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| 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).   |
| SATs                          | Standardized Assessments   |
| SCI                           | Special Conservation Interest  |
| SCP                           | Signal Control Priority  |
| SDG                           | Sustainable Development Goal   |
| SDR                           | Standardised Death Rate  |
| SDRA                          | Strategic Development and Regeneration Area  |
| SDZ                           | Strategic Development Zone   |
| SEA                           | Strategic Environmental Assessment   |
| SFPA                          | Sea Fisheries Protection Authority   |
| SFRA                          | Strategic Flood Risk Assessment  |
| SFTS                          | South Fingal Transport Study   |
| 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.   |
| SHD                           | Strategic Housing Development  |
| SID                           | Strategic Infrastructure Development   |
| SIFLT                         | Strategic Investment Framework for Land Transport  |
| 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 <sub>2</sub>               | Sulphur dioxide  |
| SPA                           | Special Protection Area  |
| SPSV                          | Small Public Service Vehicle   |
| SPW                           | Specification for Road Works   |
| SPZ                           | Source Protection Zone   |
| SUDS                          | Sustainable Drainage Systems   |
| SWMP                          | Surface Water Management Plan  |
| SWO                           | Storm Water Overflow   |
| TCA                           | Townscape Character Assessment   |
| TCD                           | Trinity College Dublin   |
| 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 Impact 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   |
| 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   |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| TRB                           | Transportation Research Board  |
| TSM                           | Traffic Signs Manual   |
| TTM                           | Temporary Traffic Management   |
| UCD                           | University College Dublin  |
| UITP                          | International Association of Public Transport  |
| UK                            | United Kingdom   |
| UKAS                          | United Kingdom Accreditation Service   |
| UKEA                          | UK Environment Agency  |
| UKHA                          | United Kingdom Highways Agency   |
| UN                            | United Nations   |
| 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 (made ground)  |
| 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  |
| V/C                           | Car Volume over Capacity   |
| VDI                           | Verein Deutscher Ingenieure  |
| VDV                           | Vibration Dose Value   |
| VOC                           | Volatile Organic Compound  |
| VRDP                          | Visual Representation of Development Proposals   |
| VSL                           | Vibration Sensitive Location   |
| WEEE                          | Waste Electrical and Electronic Equipment  |
| WFD                           | Water Framework Directive  |
| WHO                           | World Health Organization  |
| WRAP                          | Waste and Resources Action Programme   |
| Ws                            | Windblown sands  |
| Wsd                           | Windblown sands and dunes  |
| WwTP                          | Wastewater Treatment Plant   |
| ZAP                           | Zone of Archaeological Potential   |
| ZoI                           | Zone of Influence  |
| µg/m <sup>3</sup>             | Micrograms per cubic metre   |

## Glossary of Terminology, Abbreviations and Acronyms

| Term, Abbreviation or Acronym            | Description   |
|--|---|
| A  | Alluvium  |
| AA                                       | Appropriate Assessment  |
| AADT                                     | Annual Average Daily Traffic  |
| AAP                                      | Area of archaeological potential  |
| ABP                                      | An Bord Pleanála  |
| ACA                                      | Architectural Conservation Areas  |
| AcEsk                                    | Eskers comprised of gravels of acidic reaction  |
| AD                                       | Anno Domini   |
| ADEPT                                    | Association of Directors of Environment, Economy, Planning and Transport  |
| ADMS                                     | Atmospheric Dispersion Modelling System   |
| A&E                                      | Accident and Emergency  |
| AeoUND                                   | Aeolian undifferentiated  |
| AEP                                      | Annual Exceedance Probability   |
| Ag                                       | Alluvium (gravelly)   |
| AIA                                      | Arboricultural Impact Assessment  |
| 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.   |
| APM                                      | Automated People Mover  |
| AQG                                      | Air Quality Guideline   |
| As                                       | Alluvium (sandy)  |
| ASD                                      | Autism Spectrum Disorder  |
| Asi                                      | Alluvium (silty)  |
| AsIAm                                    | Autism Spectrum Information Advice and Meeting Point  |
| ASL                                      | Advance Stacking Location   |
| ASR                                      | Air sensitive receptor  |
| AT                                       | Attenuation Tanks   |
| ATCs                                     | Automatic Traffic Counts  |
| AVL                                      | Automatic Vehicle Location  |
| AWB                                      | Artificial Surface Waterbodies  |
| 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   |

| Term, Abbreviation or Acronym                               | Description   |
|---|---|
|   | 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 <sup>3</sup>   | Bequerel per cubic metre  |
| BktPt   | Blanket Peat  |
| BminDW  | Deep well drained mineral soil (mainly basic)   |
| BminPD  | Mineral poorly drained (mainly basic)   |
| 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 Transport   |
| 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 <sub>3</sub>   | Calcium Carbonate   |
| C & D   | Construction and Demolition   |
| CAF   | Common Appraisal Framework  |
| CAFE Directive  | Directive 2008/50/EC of the European Parliament and of the Council of 21 May 2008 on ambient air quality and cleaner air for Europe   |
| 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   |
| CBD   | Convention of Biological Diversity  |
| 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 <sub>4</sub>   | Methane   |
| CHI   | Children's Health Ireland Hospital  |
| CIE   | Córas Iompair Éireann   |
| CIEEM   | Chartered Institute of Ecology and Environmental Management   |

| Term, Abbreviation or Acronym | Description   |
|-------------------------------|---|
| CFA                           | Continuous Flight Auger   |
| CIFA                          | Chartered Institute for Archaeologists  |
| CIHT                          | Chartered Institution of Highways and Transportation  |
| 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   |
| CO <sub>2</sub>               | Carbon Dioxide  |
| 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.  |
| CORINE                        | Coordinated Information on the Environment  |
| CPO                           | Compulsory Purchase Order   |
| CRTN                          | Calculation of Road Traffic Noise   |
| CSM                           | Conceptual Site Model   |
| CSMMP                         | Construction Stage Mobility Management Plan   |
| CSO                           | Central Statistics Office   |
| CSZ                           | Core Sustainance Zone   |
| CTMP                          | Construction Traffic Management Plan  |
| Cut                           | Raised bog cutaway / cutover  |
| 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.          |
| DAA                           | Dublin Authority Airport  |
| DAHG                          | Department of Arts, Heritage and the Gaeltacht  |
| DAHGI                         | Department of Arts, Heritage, Gaeltacht and the Islands   |
| DALP                          | Dublin Airport Local Area Plan  |
| 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  |
| DCU                           | Dublin City University  |
| DECC                          | Department for Environment, Climate & Communications  |
| 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   |
| DfT                           | UK Department for Transport   |
| DHLGH                         | Department of Housing, Local Government and Heritage  |

| Term, Abbreviation or Acronym | Description   |
|-------------------------------|---|
| 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   |
| EEA                           | European Environment Agency   |
| EFLA                          | European Foundation of Landscape Architecture   |
| EFT                           | Emission Factor Toolkit   |
| EGD                           | European Green Deal   |
| 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.   |
| EIRP                          | Environmental Incident Response Plan  |
| EIS                           | Environmental Impact Statement  |
| EMRA                          | Eastern and Midlands Regional Assembly  |
| EMWR                          | Eastern-Midlands Waste Region   |
| ENEVAL                        | Environmental Evaluation Model  |
| EPA                           | Environmental Protection Agency   |
| EPR                           | Emerging Preferred Route  |
| ERBD                          | Eastern River Basin District  |
| ERM                           | East Regional Model   |
| ESB                           | Electricity Supply Board  |
| ETS                           | Emission Trading Scheme   |
| EU                            | European Union  |
| EUPHA                         | European Public Health Association  |
| EV                            | Electric Vehicle  |
| FCC                           | Fingal County Council   |
| FCDP                          | Fingal County Development Plan  |
| FD                            | Filter Drains   |
| FDP                           | Fingal Development Plan   |
| FenPT                         | Fenpeat   |
| FLAP                          | Fosterstown Local Area Plan   |
| FRA                           | Flood Risk Assessment   |
| FRM                           | Flood Risk Management   |
| GGBFS                         | Ground Granulated Blast Furnace Slag  |
| GCh                           | Gravels derived from chert  |
| GDA                           | Greater Dublin Area   |
| GDACNP                        | Greater Dublin Area Cycle Network Plan  |
| GDATS                         | Greater Dublin Area Transport Strategy  |
| GDRCoP                        | Greater Dublin Regional Code of Practice  |
| GSDSDS                        | Greater Dublin Strategic Drainage Study   |
| GEIA                          | Guidelines for Planning Authorities and An Bord Pleanála on Carrying Out Environmental Impact Assessment                    |
| GEP                           | Good Ecological Potential   |
| GES                           | Good Ecological Status  |
| GGr                           | Gravels derived from granite  |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| GGBFS                         | Ground granulated blast-furnace slag   |
| GHG                           | Greenhouse Gas   |
| GI                            | Green Infrastructure   |
| 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   |
| GPR                           | Ground Penetrating Radar   |
| GPS                           | Global Positioning System  |
| GSI                           | Geological Survey Ireland  |
| GSL                           | Geological Society of London   |
| GWB                           | Groundwater Bodies   |
| GWP                           | Global Warming Potential   |
| ha                            | Hectares   |
| HA                            | Hydrometric Area   |
| HDD                           | Horizontal Directional Drilling  |
| HDV                           | Heavy Duty Vehicle   |
| HMWB                          | Highly Modified Water Bodies   |
| HEV                           | Historic Environment Viewer  |
| HGV                           | Heavy Goods Vehicle  |
| HIA                           | Health Impact Assessment   |
| HLC                           | Historic Landscape Character   |
| 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  |
| IAMAIAIA                      | International Association for Impact Assessment  |
| IAI                           | Institute of Archaeologists of Ireland   |
| IAQM                          | Institute of Air Quality Management  |
| ICE                           | Internal Combustion Engine   |
| ICOH                          | International Commission on Occupational Health  |
| ICOMOS                        | International Council of Monuments and Sites   |
| IE                            | Industrial Emissions   |
| IEMA                          | Institute of Environmental Management and Assessment   |
| IES                           | Institute of Environmental Sciences  |
| IFI                           | Inland Fisheries Ireland   |
| IGI                           | Institute of Geologists of Ireland   |
| ILI                           | Irish Landscape Institute  |
| ILP                           | Institution of Lighting Professionals  |
| 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  |
| IPH                           | Institute of Public Health in Ireland  |
| IPI                           | Irish Planning Institute   |
| IPPC                          | Integrated Pollution Prevention and Control  |



| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| 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   |
| IRRS                          | Irish Railways Record Society  |
| ISO                           | International Organization for Standardization   |
| ITM                           | Irish Transverse Mercator  |
| IUCN                          | International Union for Conservation of Nature   |
| IW                            | Irish Water  |
| IWA                           | Irish Wheelchair Association   |
| 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 |
| KFPA                          | Kerbs, Footways and Paved Areas  |
| kg                            | Kilogram   |
| km                            | Kilometre  |
| kt                            | Kilotonnes   |
| kV                            | Kilovolt   |
| L                             | Lacustrine sediments   |
| LAM                           | Local Area Model   |
| LAP                           | Local Area Plan  |
| LAQM                          | Local Air Quality Management Policy Guidance   |
| LED                           | Light Emitting Diode   |
| LEV                           | Low Emission Vehicle   |
| LGV                           | Light Goods Vehicle  |
| LHOI                          | Lamprey Habitat Quality Index  |
| LI                            | Locally Important Aquifer  |
| LIBS                          | Locally Important Biodiversity Sites   |
| LoS                           | Level of Service   |
| LoW                           | List of Waste  |
| LP                            | Lamp Post  |
| LPA                           | Local Planning Area  |
| LRDs                          | Large-scale Residential Developments   |
| LUTS                          | Land Use and Transport Strategy  |
| m                             | Metres   |
| Made                          | Made ground  |
| MarSands                      | Marine sands and gravels   |
| 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 <sup>3</sup>             | Milligrams per cubic metre   |
| MGWR                          | Midland Great Western Railway Company  |
| mOD                           | Metres above Ordnance Datum  |
| MPA                           | Mineral Products Association   |
| MRF                           | Materials Recovery Facility  |
| MS                            | Mile Stone   |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| MSW                           | Municipal Solid Waste  |
| MV                            | Medium Voltage   |
| N                             | Nitrogen   |
| NAI                           | National Archives of Ireland   |
| NAP                           | Noise Action Plan  |
| NAF                           | National Adaptation Framework  |
| NaPTAN                        | National Public Transport Access Nodes   |
| Natura Impact Statement (NIS) | 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  |
| NCPF                          | National Cycle Policy Framework  |
| NCRI                          | National Cancer Registry Ireland   |
| NDA                           | National Disability Authority  |
| NDP                           | National Development Plan  |
| NEIC                          | North East Inner City  |
| NFGWS                         | National Federation of Group Water Schemes   |
| NH <sub>3</sub>               | Ammonia  |
| NHA                           | Natural Heritage Area  |
| NIAH                          | National Inventory of Architectural Heritage   |
| NIFTI                         | National Investment Framework for Transport in Ireland   |
| NIS                           | Natura Impact Statement  |
| NLI                           | National Library of Ireland  |
| NMI                           | National Museum of Ireland   |
| NMS                           | National Monuments Service   |
| NMVOC                         | Non-methane volatile organic compounds   |
| NO <sub>x</sub>               | Nitrogen oxides  |
| NO                            | Nitric oxide   |
| NO <sub>2</sub>               | Nitrogen dioxide   |
| N <sub>2</sub> O              | Nitrous oxide  |
| NPF                           | National Planning Framework  |
| NPWS                          | National Parks and Wildlife Services   |
| NRA                           | National Roads Authority   |
| NSA                           | Nutrient Sensitive Area  |
| NSL                           | Noise Sensitive Location   |
| NSO                           | National Strategic Outcome   |
| NSNW                          | National Survey of Native Woodland   |
| NTA                           | National Transport Authority   |
| NTM                           | National Transport Model   |
| O <sub>3</sub>                | Ozone  |
| 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  |
| OSP                           | Oversized Pipes  |
| OSM                           | Ordnance Survey Mapping  |
| Pb                            | Lead   |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| PB                            | Post Box   |
| PC                            | Process contribution   |
| 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.   |
| PI                            | Poor Aquifer   |
| PINS                          | UK Planning Inspectorate   |
| PM                            | Particulate matter   |
| PM <sub>2.5</sub>             | Particulate matter of less than 2.5 microns  |
| PM <sub>10</sub>              | Particulate matter of less than 10 microns   |
| PMSC                          | People Movement at Signals Calculator  |
| pNHA                          | Proposed Natural Heritage Area   |
| PoMs                          | Programme of Measures  |
| 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   |
| 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.   |
| PSCI                          | Pavement Surface Condition Index   |
| PSO                           | Public Service Obligation  |
| PSZ                           | Public Safety Zones  |
| PT                            | Public Transport   |
| Q                             | Biotic Indices or Quality Values   |
| 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  |
| rBWD                          | Revised Bathing Water Directive  |
| RC                            | Reinforced Concrete  |
| RCC                           | Royal Canal Company  |
| Rck                           | Bedrock outcrop or subcrop   |
| RCSI                          | Royal College of Surgeons Ireland  |
| 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   |
| RPO                           | Regional Policy Objective  |
| RPS                           | Record of Protected Structures   |
| RSA                           | Road Safety Authority  |
| RSES                          | Regional Spatial and Economic Strategy   |
| RTPI                          | Real-time Passenger Information  |
| RW                            | Retaining Wall   |
| SAC                           | Special Area of Conservation   |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| 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).   |
| SATs                          | Standardized Assessments   |
| SCI                           | Special Conservation Interest  |
| SCP                           | Signal Control Priority  |
| SDG                           | Sustainable Development Goal   |
| SDR                           | Standardised Death Rate  |
| SDRA                          | Strategic Development and Regeneration Area  |
| SDZ                           | Strategic Development Zone   |
| SEA                           | Strategic Environmental Assessment   |
| SFPA                          | Sea Fisheries Protection Authority   |
| SFRA                          | Strategic Flood Risk Assessment  |
| SFTS                          | South Fingal Transport Study   |
| 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.   |
| SHD                           | Strategic Housing Development  |
| SID                           | Strategic Infrastructure Development   |
| SIFLT                         | Strategic Investment Framework for Land Transport  |
| 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 <sub>2</sub>               | Sulphur dioxide  |
| SPA                           | Special Protection Area  |
| SPSV                          | Small Public Service Vehicle   |
| SPW                           | Specification for Road Works   |
| SPZ                           | Source Protection Zone   |
| SUDS                          | Sustainable Drainage Systems   |
| SWMP                          | Surface Water Management Plan  |
| SWO                           | Storm Water Overflow   |
| TCA                           | Townscape Character Assessment   |
| TCD                           | Trinity College Dublin   |
| 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 Impact 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   |
| 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   |

| Term, Abbreviation or Acronym | Description  |
|-------------------------------|--|
| TRB                           | Transportation Research Board  |
| TSM                           | Traffic Signs Manual   |
| TTM                           | Temporary Traffic Management   |
| UCD                           | University College Dublin  |
| UITP                          | International Association of Public Transport  |
| UK                            | United Kingdom   |
| UKAS                          | United Kingdom Accreditation Service   |
| UKEA                          | UK Environment Agency  |
| UKHA                          | United Kingdom Highways Agency   |
| UN                            | United Nations   |
| 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 (made ground)  |
| 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  |
| V/C                           | Car Volume over Capacity   |
| VDI                           | Verein Deutscher Ingenieure  |
| VDV                           | Vibration Dose Value   |
| VOC                           | Volatile Organic Compound  |
| VRDP                          | Visual Representation of Development Proposals   |
| VSL                           | Vibration Sensitive Location   |
| WEEE                          | Waste Electrical and Electronic Equipment  |
| WFD                           | Water Framework Directive  |
| WHO                           | World Health Organization  |
| WRAP                          | Waste and Resources Action Programme   |
| Ws                            | Windblown sands  |
| Wsd                           | Windblown sands and dunes  |
| WwTP                          | Wastewater Treatment Plant   |
| ZAP                           | Zone of Archaeological Potential   |
| ZoI                           | Zone of Influence  |
| µg/m <sup>3</sup>             | Micrograms per cubic metre   |