

## GLOSSARY OF TERMS

Term, Abbreviation or Acronym	Meaning
A/m	Magnetic Field Intensity
AA	Appropriate Assessment
ABP	An Bord Pleanála
AC	Alternating Current
ACA	Architectural Conservation Areas
AD	Anno Domini
AeoUND	Windblown sands
Ag	Gravelly Alluvium
ALARP	As low as reasonably practicable
AlluvMIN or A	Alluvium
AminDW	Deep well drained mainly acidic mineral soil
AminPD	Poorly drained mainly acidic mineral soil
AminSW	shallow well drained mainly acidic mineral soil
Annual Exceedance Probability	The probability, typically expressed as a percentage, of a flood event of a given magnitude being equalled or exceeded in any given year. For example, a 1% AEP flood event has a 1%, or 1 in a 100, chance of occurring or being exceeded in any given year
BEMUs	Battery-Electric Multiple Units
BGL	Below Ground Level
BminDW	Deep well drained mainly basic soils
BminPD	Mineral poorly drained, mainly basic soil
BminSP	Shallow poorly drained mineral mainly basic soil
BminSW	Small pockets of shallow well drained mineral mainly basic soils
BSI	British Standard Institution
BT	British Telecommunications
BTSs	Base Transceiver Stations
C&D	Construction and Demolition
CA	Conservation Area
CAF	Common Appraisal Framework
CAP	Climate Action Plan
CAPEX	Capital Expenditure
CC	Construction Compound
CCE	Chief Civil Engineer

Term, Abbreviation or Acronym	Meaning
CCTV	Close Circuit Television
CDWMP	Construction and Demolition Waste Management Plan
CEMP	Construction Environmental Management Plan
CFRAM	Catchment Flood Risk Assessment Management
CHIA	Cultural Heritage Impact Assessment
CI	Community Infrastructure
CIÉ	Córas Iompair Éireann
CIRIA	Construction Industry Research and Information Association
CMS	Cable Management System
CO2	Carbon Dioxide
CORINE	Coordination of Information on the Environment
CSM	Conceptual Site Model
CSO	Central Statistics Office
Cut	Cutaway/cutover peat
D&D	Dublin and Drogheda
DAHG	Department of Arts, Heritage, and the Gaeltacht
DAHGI	Department of Arts, Heritage, Gaeltacht and the Islands
DART	Dublin Area Rapid Transit (IÉ's Electrified Network)
DART +	DART Expansion Programme
DC	Direct Current
DCC	Dublin County Council
DCIHR	Dublin City Industrial Heritage Record
DECC	Department of the Environment, Climate and Communications
DEHLG	Department of Housing, Local Government and Heritage
DHPLG	Department of Housing, Planning and Local Government
DLAM	Dublin Local Area Model
DMURS	Design Manual for Urban Roads and Streets
DMU	Diesel Multiple Unit
DNO	Distribution Network Operator
DoT	Department of Transport
DPER	Department of Public Expenditure and Reform
DPS	Depot Protection System
DTHH	Down the hole hammer
DTO	Dublin Transportation Office
DTTAS	Department of Transport, Tourism, and Sport

Term, Abbreviation or Acronym	Meaning
E&B	Earthing & Bonding
EC	European Commission
EC	European Communities
EIA	Environmental Impact Assessment
EIA Directive	The initial Directive of 1985 (Council Directive 85/337/EEC) and its three amendments were codified by Directive 2011/92/EU of 13 December 2011. Directive 2011/92/EU was amended in 2014 by Directive 2014/52/EU (which came into force in Ireland in May 2014) and together all of these Directives are referred to herein as “the EIA Directive” and/or “the 2014 EIA Directive”
EIAR	Environmental Impact Assessment Report
EIS	Environmental Impact Statement
EM RSES	Eastern and Midland Regional Spatial and Economic Strategy
EMC	Electromagnetic Compatibility
EMC	Electromagnetic Effects and Stray Current
EME	Electromagnetic environment
EMF	Electric and Magnetic Field
EMFs	Electromagnetic Fields
EMI	Electromagnetic Interference
EMUs	Electric Multiple Units
EMWR	Eastern Midlands Waste Region
EOP	Environmental Operating Plan
EPA	Environmental Protection Agency
ERM	Eastern Regional Model
ESB	Electricity Supply Board
EU	European Union
EV	Electric Vehicle
FCC	Fingal County Council
Flood Zone A	Where the probability of flooding from rivers and the sea is highest (greater than 1% or 1 in 100 for river flooding or 0.5% or 1 in 200 for coastal flooding)
Flood Zone B	Where the probability of flooding from rivers and the sea is moderate (between 0.1% or 1 in 1000 and 1% or 1 in 100 for river flooding and between 0.1% or 1 in 1000 year and 0.5% or 1 in 200 for coastal flooding)
Flood Zone C	Where the probability of flooding from rivers and the sea is low (less than 0.1% or 1 in 1000 for both river and coastal flooding). Flood Zone C covers all areas of the plan which are not in zones A or B

Term, Abbreviation or Acronym	Meaning
Flooding – Fluvial (River)	Fluvial flooding occurs when rivers and streams break their banks and water flows out onto the adjacent low-lying areas (the natural floodplains)
Flooding - Groundwater	Groundwater flooding can occur during lengthy periods of heavy rainfall, typically during late winter/early spring when the groundwater table is already high. If the groundwater level rises above ground level, it can pond at local low points and cause periods of flooding
Flooding – Pluvial	Pluvial flooding occurs when the capacity of the local urban drainage network is exceeded during period of intense rainfall. At these times, water can collect at low points in the topography and cause flooding
Flooding - Tidal / Coastal	The temporary inundation of low-lying areas, especially streets, during exceptionally high tide events, such as at full and new moons
FLUs	Full length units OR 10-car trains
FRA	Flood Risk Assessment
GAC	Soil Generic Assessment Criteria
GB	Greenbelt
GDA	Greater Dublin Area
GDP	Gross Domestic Product
GE	General Employment
GHG	Greenhouse Gas
GHz	Gigahertz
GLPSsS	Gravels derived from Lower Palaeozoic sandstones and shales
GLs	Gravels derived from Limestones
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GRP	Glass Reinforced Plastic
GSI	Geological Survey Ireland
GSM-R	Global System for Mobile Communications-Railway
GWB	Groundwater Bodies
GWDTEs	Groundwater-dependent terrestrial ecosystems
HA	High Amenity
HDD	Horizontal Directional Drilling
HDPE	High-Density Polyethylene
HGV	Heavy Goods Vehicle
HH	Human Health
HLUs	Half Length Unit or 5-car trains
HP	High Pressure

Term, Abbreviation or Acronym	Meaning
HV	High Voltage
Hz	Hertz
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICOMOS	International Council on Monuments and Sites
IÉ	Iarnród Éireann
IEL	Industrial Emissions Licence
IEMA	Institute of Environmental Management and Assessment
IFI	Inland Fisheries Ireland
IIP	Integrated Implementation Plan
IPC	Integrated Pollution Control
IrSTLPSsS	Irish Sea Till derived from Lower Palaeozoic sandstones and shales
IrSTLs	Irish Sea Till derived from limestones
ISM	Industrial, scientific and medical
JT	Journey Time
Justification Test	An assessment of whether a development proposal within an area at risk of flooding meets specific criteria for proper planning and sustainable development and demonstrates that it will not be subject to unacceptable risk nor increase flood risk elsewhere. The justification test should be applied only where development is within flood risk areas that would be defined as inappropriate under the screening test of the sequential risk-based approach adopted by the DOEHLG (2009) Flood Risk Management Planning Guidelines. There are two types of Justification Tests, the Plan-making Justification Test (used at plan preparing stage) and the Development Management Justification Test (used at the planning application stage)
KHz	Kilohertz
km	Kilometer
KPI	Key Performance Indicator
kV	Kilovolt (unit, electric potential)
LAP	Local Area Plan
LC	Local Centre
LCA	Landscape Character Assessment
LCC	Louth County Council
LCTs	Landscape Character Types
LED	Light Emitting Diode
Lg	The Liffey Locally Important Gravel Aquifer

Term, Abbreviation or Acronym	Meaning
LGVs	Light Goods Vehicles
LI or LM	Locally Important bedrock aquifer
LK	Karstified Locally Important Aquifer
LOCs	Location Cases
LoS	Level of Service
LoW	List of Waste
LP	Low Pressure
LV	Low Voltage
m	Meter
MarSands	Beach sand and gravels
MarSed	Marine/estuarine Sediments
mbar	Milibar
mBGL	Meters Below Ground Level
Mbs	Marine beach sands
MC	Major Town Centre
MCA	Multi-Criteria Analysis
MCC	Meath County Council
MDC	Multi-disciplinary Consultant
Mesc	Estuarine silts and clays
mg/kg	milligrams per kilogram
MHz	Hegahertz
MIC	Maximum Import Capacity
Mitigation Measures	Measures designed to avoid, prevent or reduce impacts (EPA, 2022)
MMP	Mobility Management Plan
mOD	Meters above Datum
MP	Medium Pressure
MRE	Metro and Rail Economic Corridor
MVA	Megavolt Amperes
NCM	National Cycle Manual
NDP	National Development Plan 2018–2027
NFGWS	National Federation of Group Water Schemes
NIAH	National Inventory of Architectural Heritage
NIFTI	National Investment Framework for Transport in Ireland
NIS	Natura Impact Statement
NLS	National Landscape Strategy

Term, Abbreviation or Acronym	Meaning
NM	National Monuments
NPF	National Planning Framework
NPWS	National Parks and Wildlife Services
NRA	National Roads Authority
NSMP	National Sustainable Mobility Policy
NSO	National Strategic Outcomes
NTA	National Transport Authority
NTCC	National Train Control Centre
NZEB	Nearly Zero Energy Building
OH-DV	Overhead Diversion
OHLE	Overhead Line Equipment
OH-PDV	Overhead Parallel Diversion
OH-UDV	Overhead Utility Diversion
OPEX	Operational Costs
OPW	Office of Public Works
OS	Open Space
OSI	Ordnance Survey Ireland
OSR	Options Selection Report
OUV	Outstanding Universal Value
PBC	Preliminary Business Case
PC1	Public Consultation No.1
PC2	Public Consultation No.2
PCU	Passenger Car Unit
PFRA	Preliminary Flood Risk Assessment
PI	Poor Bedrock Aquifer
PMG	Project Management Guidelines
pNHA	Proposed Natural Heritage Areas
PPT	Phoenix Park Tunnel
PRM	Persons with Reduced Mobility
PSO	Public Service Obligation
PSP	Principal Supply Point
PT	Public Transport
PVC	Polyvinyl chloride
RA	Residential Area
RBDs	River Basin Districts
RBMPs	River Basin Management Plans

Term, Abbreviation or Acronym	Meaning
RF	Radiofrequency
RGC	Regional Growth Centre
Rkd	Regionally Important Karstified Bedrock Aquifer
RMP	Record of Monuments and Places
RO	Railway Order
RPS	Record of Protected Structures
RRAPs	Road rail access points
RRV	Road Rail Vehicle
RS	Residential
RSA	Road Safety Authority
RSES	Regional Spatial and Economic Strategy
RU	Rural
RWMO	Regional Waste Management Offices
SAC	Special Areas of Conservation
SDGs	Sustainable Development Goals
SDRA	Strategic Development and Regeneration Area
SEB	Signalling Equipment Building
SER	Signalling Equipment Rooms
SET	Signalling , Electricity and Telecommunications
SFPA	Sea Fisheries Protection Authority
SHD	Strategic Housing Development
SI	Statutory Instrument
SLR	Single-Reflex Lens
SMR	Sites and Monuments Record
SP	Security Purpose
SPA	Special Protection Areas
SRF	Strategic Regeneration Framework
SSFRA	Site Specific Flood Risk Assessment
SuDS	Sustainable Urban Drainage Systems
SURGE	Soil Urban Geochemistry
SWO	Storm Water Overflows
TC	Town and District Centre
TCA	Townscape Character Assessment
TCD	Trinity College Dublin
TEN-T	Trans-European Transport Network
TERs	Telecoms Equipment Rooms

Term, Abbreviation or Acronym	Meaning
TFS	National Transfrontier Shipment
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	Primary subsoil type is till derived from limestones
TMP	Traffic Management Plan
TNSSs	Till derived from Namurian sandstones and shales
TOD	Transport-oriented development
TOR	Top of Rail
TPH	Track Paralleling Huts
TPHPD	Trains Per Hour Per Direction
TPOs	Tree Preservation Orders
TSM	Traffic Signs Manual
TSS	Train Service Specification
TU	Transport and Utilities
UDV	Utility Diversion
UFC	Under Frame Cleaning
UG-DV	Underground Diversion
UG-PDV	Underground Parallel Diversion
UG-UDV	Underground Utility Diversion
UNESCO	United Nations Educational, Scientific and Cultural Organization
uT	Magnetic Flux Density
UTXs	Under Track Crossings
UWWT	Urban Waste Water Treatment
V	Voltage/Volt (unit, electric potential)
V/m	Electric Field Strength
VLD	Voltage Limiting Device
VoC	Volume of Capacity
VRDP	Visual Representation of Development Proposals
WAC	Waste acceptance criteria
WEEE	Waste electrical and electronic equipment
WFD	Water Framework Directive

Term, Abbreviation or Acronym	Meaning
WL	White Lands (To protect strategic lands from inappropriate forms of development which would impede the orderly expansion of a strategic urban centre)
WTT	Working Timetable
WWTP	Wastewater Treatment Plant
ZAP	Zones of archaeological potential