

BIBLIOGRAPHY

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Introduction

Bitpower (November 2021). Ireland's Data Hosting Industry – Biannual Report

Department of Communications, Climate Action & Environment (2021). Climate Action Plan 2021

Department of Communications, Climate Action & Environment (2022). Climate Action Plan 2023

Department of Communications, Energy & Natural Resources (2014). Draft Bioenergy Plan 2014.

Department of Communications, Energy & Natural Resources (2015). Ireland's Transition to a Low Carbon Energy Future 2015-2030.

Department of Environment, Climate and Communications (2021). Climate Action and Low Carbon Development (Amendment) Bill 2021.

Department of Environment, Climate and Communications (2023) Climate Action Plan 2024.

Department of Housing, Planning and Local Government (2013) Proposed Revisions to Wind Energy Development Guidelines 2006 – Targeted Review. DHPLG, Dublin.

Department of Housing, Planning and Local Government (August 2018) Guidelines for Planning Authorities and An Bord Pleanála on Carrying out Environmental Impact Assessment. DHPLG, Dublin.

Department of Housing, Planning and Local Government (December 2019) Draft Revised Wind Energy Development Guidelines. DHPLG, Dublin.

Department of Housing, Planning and Local Government (June 2017) Review of the Wind Energy Development Guidelines 2006 – Preferred Draft Approach. DHPLG, Dublin.

Department of Public Expenditure and Reform (DPER) (2013). Future Expenditure Risks associated with Climate Change/Climate Finance.

Department of the Environment, Community and Local Government (2013). Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment. DoEHLG, Dublin.

Department of the Environment, Heritage and Local Government (2006). Wind Energy Development Guidelines for Planning Authorities. DoEHLG, Dublin.

Dr Eimear Cotter, Head of Low Carbon Technologies, SEAI - "Energy Security in Ireland 2015"

EirGrid (October 2022) All Island Generation Capacity Statement 2022-2031.

Environment Protection Agency (June 2023) Ireland Greenhouse Gas Emissions Projections 2022-2040

Environmental Protection Agency (2002) Guidelines on Information to be Contained in Environmental Impact Statements. EPA, Wexford.

Environmental Protection Agency (2003) Advice Notes on Current Practice in the Preparation of Environmental Impact Statements. EPA, Wexford.

Environmental Protection Agency (2016): Ireland's Environment – An Assessment.

Environmental Protection Agency (2023): Air Quality in Ireland 2022.

Environmental Protection Agency (July 2023) Ireland's Provisional Greenhouse Gas Emissions 1990-2022.

Environmental Protection Agency (July 2025) Ireland's Provisional Greenhouse Gas Emissions 1990-2024

Environmental Protection Agency (May 2022): Guidelines on the Information to be Contained in Environmental Impact Assessment Reports. EPA, Wexford.

Environmental Protection Agency (September 2015): Draft - Advice Notes on Current Practice (in the preparation on Environmental Impact Statements). EPA, Wexford.

European Commission (2017). Environmental Impact Assessment of Projects: Guidance on the preparation of the Environmental Impact Assessment Report.

European Commission (March 2022) REPowerEU: A plan to rapidly reduce dependence on Russian fossil fuels and fast forward the green transition. Brussels. https://ec.europa.eu/commission/presscorner/detail/en/IP_22_3131

European Commission (March 2022) REPowerEU: Joint European Action for more affordable, secure and sustainable energy. Strasbourg. https://ec.europa.eu/commission/presscorner/detail/en/ip_22_1511

European Environmental Agency (2022): Air Quality in Europe – 2022 Report

European Environmental Agency (2025) Air Quality Status Report 2025

European Union (1992). Directive 92/43/EEC. European Parliament and European Council.

European Union (2009). Directive 2009/147/EC. European Parliament and European Council.

European Union (2011). Directive 2011/92/EU. European Parliament and European Council.

European Union (2014). Directive 2014/52/EU. European Parliament and European Council.

European Union (2017) Guidance on Scoping (Directive 2011/92/EU as amended by 2014/52/EU).

European Union (2017) Guidance on Screening (Directive 2011/92/EU as amended by 2014/52/EU).

European Union (2017) Guidance on the preparation of the EIA Report (Directive 2011/92/EU as amended by 2014/52/EU).

European Union (2018). Directive 2018/2009/EU. European Parliament and European Council.

Government of Ireland (2021). National Development Plan 2021-2030.

Government of Ireland (April 2022). National Energy Security Framework (NESF).

IEA (2024), Renewables 2023, IEA, Paris

IPCC Fifth Assessment Synthesis Report (2014). Intergovernmental Panel on Climate Change AR5 Report.

IPCC, 2021: Climate Change 2021: The Physical Science Basis. Sixth Assessment Report, Intergovernmental Panel on Climate Change AR6 Report.

IPCC, 2022: Climate Change 2022: Impacts, Adaptation and Vulnerability. Sixth Assessment Report, Intergovernmental Panel on Climate Change AR6 Report.

IPCC, 2022: Climate Change 2022: Mitigation of Climate Change. Sixth Assessment Report, Intergovernmental Panel on Climate Change AR6 Report.

IPCC, 2023: Summary for Policymakers. In: Climate Change 2023: Synthesis Report. Contribution of Working Groups I, II and III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, H. Lee and J. Romero (eds.)]. IPCC, Geneva, Switzerland, pp. 1-34, doi: 10.59327/IPCC/AR6-9789291691647.001

Ireland Wind Energy Association (2015). Data Centre Implications for Energy Use in Ireland

IRENA (2023), IRENA's energy transition support to strengthen climate action: Insight to impact 2023, International Renewable Energy Agency, Abu Dhabi.

Irish Statute Book (2000). Planning and Development Acts 2000 to 2019. Stationery Office, Dublin.

Irish Statute Book (2001). Planning and Development Regulations (as amended) S.I. No. 600 of 2001. Stationery Office, Dublin.

Irish Statute Book (2018). European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018).

Joint Committee on Climate Action (March 2019). Climate Change: A Cross-Party Consensus for Action

Mayo County Council (2022). Mayo County Development Plan 2022-2028.

Pöyry & Element Energy (2015) Potential CCS Cost Reduction Mechanisms Summary

Pöyry (March 2014). The Value of Wind Energy to Ireland.

Sustainable Energy Authority of Ireland (April 2016): Ireland's Energy Targets – Progress, Ambitions & Impacts.

Sustainable Energy Authority of Ireland (December 2022): Ireland's energy-related CO2 emissions heading in wrong direction. http://www.seai.ie/News_Events/Press_Releases/2014/Biomass-is-a-big-part-of-the-solution-but-not-the-whole-solution.html

Sustainable Energy Authority of Ireland (December 2024) Energy in Ireland – 2024 Report

Sustainable Energy Authority of Ireland (January 2024): Energy in Ireland – 2023 Report.

Sustainable Energy Authority of Ireland (July 2024) Ireland's Energy Supply & Security of Supply in 2023 Part A – Key Insights

Sustainable Energy Authority of Ireland (July 2024) Ireland's Energy Supply & Security of Supply in 2023 Part B – Supply & Security Statistics

Sustainable Energy Authority of Ireland (November 2023) National Energy Projections – 2023 Report

Wind Energy Ireland (April 2021). Economic Impact of Onshore Wind in Ireland.

World Meteorological Organisation (2024) State of the Global Climate 2023

2 Background to the Proposed Project

AccelerateEU (European Commission, April 2026) Available at:
https://energy.ec.europa.eu/strategy/accelerateeu-strengthen-eu-energy-resilience_en

Climate Action Plan 2023 (Department of Climate, Energy and the Environment, December 2022). Available at:
<https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/climate-action-plan-2023/>

Climate Action Plan 2024 (Department of Climate, Energy and the Environment, December 2023). Available at: <https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/climate-action-plan-2024/>

Climate Action Plan 2025 (Department of Climate, Energy and the Environment, May 2025). Available at: https://assets.gov.ie/static/documents/Climate_Action_Plan_2025_updated_cover.pdf

Climate Action Plan 2025 (Department of Climate, Energy and the Environment, April 2025). Available at: <https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/climate-action-plan-2025/>

Climate Change 2021 'The Physical Science Basis' (Intergovernmental Panel on Climate Change, August 2021). Available at: <https://www.ipcc.ch/report/ar6/wg1/>

Climate Change 2023 Synthesis Report (Intergovernmental Panel on Climate Change, March 2023). Available at: https://www.ipcc.ch/report/ar6/syr/downloads/report/IPCC_AR6_SYR_FullVolume.pdf

Climate Change Advisory Council Annual Review 2025 (Climate Change Advisory Council, November 2025). Available at: <https://www.climatecouncil.ie/councilpublications/annualreviewandreport/>

Climate Change Advisory Council Annual Review 2025 Electricity (Climate Change Advisory Council, April 2025). Available at: <https://www.climatecouncil.ie/councilpublications/annualreviewandreport/CCAC-AR2025-Electricity-FINAL.pdf>

Climate Change Advisory Council Annual Review 2025 Summary for All ((Climate Change Advisory Council, November 2025). Available at: <https://www.climatecouncil.ie/councilpublications/annualreviewandreport/CCAC-AR-2025-SfA-final.pdf>

Climate Change Advisory Council Annual Review 2026 (Climate Change Advisory Council, March 2026). Available at: <https://www.climatecouncil.ie/councilpublications/annualreviewandreport/CCAC-AR2026-2-our-changing-climate-final.pdf>

Climate Change Advisory Council Annual Review 2026 - Electricity (Climate Change Advisory Council, May 2026). Available at: <https://www.climatecouncil.ie/councilpublications/annualreviewandreport/CCAC-AR2026-2-electricity-final.pdf>

Climate Change Advisory Council Carbon Budget Technical Report (Climate Change Advisory Council, October 2021). Available at: <https://www.gov.ie/en/publication/9af1bcarbon-budgets/>

Code of Practice for Wind Energy Development Ireland – Guidelines for Community Engagement 2016 (Department of Communications, Climate Action and Environment, December 2016)

Draft Renewable Energy Strategy for County Mayo April 2026 (Mayo County Council, April 2026). Available at: https://consult.mayo.ie/en/system/files/materials/4855/Draft%20Renewable%20Energy%20Strategy%20for%20County%20Mayo_1.pdf

Draft Revised Wind Energy Development Guidelines (Department of Housing, Planning and Local Government, December 2019). Available at: <https://assets.gov.ie/static/documents/draft-revised-wind-energy-development-guidelines-december-2019-385c92c2-16f9-4511-80bf.pdf>

Energy in Ireland 2025 Report (Sustainable Energy Authority of Ireland, December 2025). Available at: <https://www.seai.ie/sites/default/files/publications/Energy-in-Ireland-2025.pdf>

Energy Roadmap 2050 (European Commission, December 2011). Available at: <https://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0885:FIN:EN:PDF>

Energy Security in Ireland to 2030 (Department of Climate, Energy and the Environment, November 2023). Available at: <https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/energy-security-in-ireland-to-2030/>

Environmental Protection Agency 'EPA Projections Show Ireland off Track for 2030 Climate Targets' ((Environmental Protection Agency, May 2025). Available at: <https://www.epa.ie/news-releases/news-releases-2025/epa-projections-show-ireland-off-track-for-2030-climate-targets.php>

Environmental Protection Agency, 'Press release: Ireland's power generation and industrial greenhouse gas emissions down by seven per cent in 2024' (Environmental Protection Agency, April 2025). Available at: <https://www.epa.ie/news-releases/news-releases-2025/irelands-power-generation-and-industrial-greenhouse-gas-emissions-down-by-seven-per-cent-in-2024-.php>

Eurostat 'File:Renewable energy 2024 infographic.jpg' (Eurostat, December 2025). Available at: https://ec.europa.eu/eurostat/statistics-explained/index.php?title=File:Renewable_energy_2024_infographic.jpg

Eurostat 'Renewable energy statistics' (Eurostat, December 2025). Available at: https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Renewable_energy_statistics

'Fit for 55': delivering the EU's 2030 Climate Target on the way to climate neutrality (European Economic and Social Committee, July 2021). Available at: <https://www.eesc.europa.eu/en/our-work/opinions-information-reports/opinions/fit-55-delivering-eus-2030-climate-target-way-climate-neutrality>

Ireland's Climate 2024 Provisional Summary Report (MET Eireann, March 2025). Available at: https://www.met.ie/cms/assets/uploads/2025/03/Irelands-Climate-2024_Provisional-report_MetEireann.pdf

Ireland's Climate Change Assessment (Environmental Protection Agency, January 2024). Available at: <https://www.epa.ie/our-services/monitoring-assessment/climate-change/irelands-climate-change-assessment-icca/>

Ireland's Greenhouse Gas Emissions Projections (Environmental Protection Agency, May 2025). Available at: <https://www.epa.ie/publications/monitoring-assessment/climate-change/air-emissions/07875-EPA-GHG-Projections-Report-FINAL.pdf>

Ireland's Greenhouse Gas Emission Projections 2023-2050 (Environmental Protection Agency, May 2024). Available at: <https://www.epa.ie/publications/monitoring-assessment/climate-change/air-emissions/EPA-GHG-Projections-Report-2022-2050-May24-v2.pdf>

Irish Wind Energy Association Best Practice Guidelines for the Irish Wind Energy Industry (Irish Wind Energy Association, March 2012). Available at: <https://windenergyireland.com/images/files/9660bdfb5a4f1d276f41ae9ab54e991bb600b7.pdf>

Irish Wind Energy Association Best Practice Principles in Community Engagement & Community Commitment (Irish Wind Energy Association, March 2013). Available at: <https://windenergyireland.com/images/files/9660bd0afdf6072c39.pdf>

Kyoto Protocol to the United Nations Framework Convention on Climate Change (United Nations, 1997)

Mayo County Council Climate Action Plan 2024-2029 (Mayo County Council, February 2024). Available at: https://www.mayo.ie/getmedia/dfab91e5-939b-41c7-883e-0cee6e359900/139306-Mayo-County-Council-Climate-Action-Plan_2024_V2_Final.pdf

Mayo County Development Plan 2022-2028 (Mayo County Council, June 2022). Available at: <https://www.mayo.ie/planning/county-development-plans/2022-2028>

Mayo County Development Plan 2022-2028 Volume 4 Supporting Documentation Renewable Energy Strategy (Mayo County Council, June 2022). Available at: <https://www.mayo.ie/getmedia/cf92a637-9153-4f51-8108-35543534b39e/Mayo-Renewable-Energy-Strategy-with-cover.pdf>

National Development Plan 2021-2030 (Government of Ireland, October 2021). Available at: <https://assets.gov.ie/static/documents/national-development-plan-2021-2030.pdf>

National Energy Projections 2025 (Sustainable Energy Authority of Ireland, September 2025). Available at: <https://www.seai.ie/sites/default/files/publications/National-Energy-Projections-Report-2025.pdf>

National Energy Security Framework (Department of Climate, Energy and the Environment, April 2022). Available at: <https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/national-energy-security-framework/>

National Energy Security Framework (Department of Climate, Energy and the Environment, April 2022). Available at: <https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/national-energy-security-framework/>

National Planning Framework First Revision (Government of Ireland, April 2025). Available at: <https://www.npf.ie/wp-content/uploads/National-Planning-Framework-First-Revision-April-2025-1.pdf>

Northern & Western Regional Assembly Regional Spatial and Economic Strategy 2020-2032 (Northern & Western Regional Assembly, January 2020). Available at: <https://www.nwra.ie/pdfs/NWRA-RSES-2020-2032.pdf>

Paris Agreement to the United Nations Framework Convention on Climate Change (United Nations, 2015)

Planning Circular Letter PL 5/2017 - Interim Guidelines for Planning Authorities on Statutory Plans, Renewable Energy and Climate Change and Wind Energy Development Guidelines 2006: Update on Review (Department of Housing, Planning and Local Government, August 2017). Available at: <https://assets.gov.ie/static/documents/planning-circular-ltr-pl-52017-interim-guidelines-for-planning-auths-on-statutory-plan.pdf>

Programme for Government 2025 Securing Ireland's Future (Department of the Taoiseach, January 2025). Available at: <https://www.gov.ie/en/department-of-the-taoiseach/publications/programme-for-government-2025-securing-irelands-future/>

Report of the Joint Committee on Climate Action Climate Change: A Cross-Party Consensus for Action (Houses of the Oireachtas, March 2019). Available at: https://data.oireachtas.ie/ie/oireachtas/committee/dail/32/joint_committee_on_climate_action/reports/2019/2019-03-28_report-climate-change-a-cross-party-consensus-for-action_en.pdf

REPowerEU (European Commission, May 2022) Available at: https://commission.europa.eu/topics/energy/repowereu_en

State of the Global Climate 2024 (World Meteorological Organisation, March 2025). Available at: <https://wmo.int/publication-series/state-of-global-climate/state-of-global-climate-2024>

The European Green Deal (European Commission, 2019). Available at: https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/european-green-deal_en

The European State of the Climate Report 2024 (World Meteorological Organization and European Union, April 2025). Available at: <https://wmo.int/publication-series/european-state-of-climate-2024>

The White Paper: Ireland's Transition to a Low Carbon Energy Future 2015-2030 (Department of Climate, Energy and the Environment, June 2020). Available at: <https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/the-white-paper-irelands-transition-to-a-low-carbon-energy-future-2015-2030/>

United Nations Framework Convention on Climate Change (United Nations, 1992)

Wind Energy Development Guidelines (Department of Environment, Heritage and Local Government, 2006).
Available at: <https://assets.gov.ie/static/documents/wind-energy-development-guidelines-2006.pdf>

3

Site Selection & Reasonable Alternatives

Department of Environment, Climate and Communications (2022). Climate Action Plan 2023.

Department of Environment, Climate and Communications (2023). Climate Action Plan 2024.

Department of Housing, Planning and Local Government (December 2019) Draft Revised Wind Energy Development Guidelines. DHPLG, Dublin.

Department of the Environment, Heritage and Local Government (2006). Wind Energy Development Guidelines 2006.

Environmental Protection Agency (2022): Guidelines on the Information to be contained in Environmental Impact Assessment Reports.

European Union (2017) Guidance on the preparation of the EIA Report (Directive 2011/92/EU as amended by 2014/52/EU).

European Union (2014). Directive 2014/52/EU. European Parliament and European Council.

European Union (2011). Directive 2011/92/EU. European Parliament and European Council.

Irish Statute Book (2000). Planning and Development Acts 2000 to 2019. Stationery Office, Dublin.

Irish Wind Energy Association (2012). Best Practice Guidelines for the Irish Wind Energy Industry.

Mayo County Council (2022) Mayo County Development Plan 2022–2028.

Sustainable Energy Authority of Ireland Solar Energy FAQ Publication
https://www.seai.ie/publications/FAQs_on_Solar_PV.pdf

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Description of the Proposed Project

Agriculture and Food Development Authority (2014). Forestry Act 2014.

British Standards Institution (BSI) (2009) 5228-1:2009+A1:2014 Code of practice for noise and vibration control on construction and open sites – Noise
<https://www.thenbs.com/PublicationIndex/documents/details?Pub=BSI&DocID=305965>

COFORD (2004): Forest Road Manual – Guidelines for the Design, Construction and Management of Forest Roads.

Coillte (2013): Forest Operations & Water Protection Guidelines.

Commission for the Regulation of Utilities (2017) Review of Typical Consumption Figures Decision.
<https://www.cru.ie/publications/25651/>

Construction Industry Research and Information Association (CIRIA) (2006). Guidance on ‘Control of Water Pollution from Linear Construction Projects’ (CIRIA Report No. C648, 2006).

Construction Industry Research and Information Association (CIRIA) (2006).: Control of Water Pollution from Construction Sites - Guidance for Consultants and Contractors. CIRIA C532. London.

Construction Industry Research and Information Association (CIRIA, No. C648, 1996) Control of Water Pollution from Linear Construction Projects

Department of Communications, Climate Action and Environment (2022) Renewable Electricity Support Scheme (RESS) 3. DCCAE, Dublin.

Department of Communications, Climate Action and Environment (2022) Renewable Electricity Support Scheme (RESS) 2. DCCAE, Dublin.

Department of Communications, Climate Action and Environment (2018) Renewable Electricity Support Scheme (RESS) 1. DCCAE, Dublin.

Department of Agriculture, Fisheries and Food (2011). Forest Service Policy on the Granting of Felling Licences for Wind Farm Development.

Department of the Environment, Heritage and Local Government (2019) Draft Wind Energy Development Guidelines for Planning Authorities (Revised). Stationery Office, Dublin.

Department of the Environment, Heritage and Local Government (2006) Wind Energy Development

Department of the Environment, Climate and Communications (2025) Climate Action Plan 2025

Department of the Environment, Climate and Communications (2024) Climate Action Plan 2024

Department of the Environment, Climate and Communications (2023) Climate Action Plan 2023

Department of the Environment, Climate and Communications (2021) Climate Action Plan 2021

Galway County Council (2022) Galway County Development Plan 2022-2028

Guidelines for Planning Authorities (Revised). Stationery Office, Dublin.

Eirgrid (2024) Enduring Connection Policy 2.3 Constraints Report for Area B Solar and Wind
<https://cms.eirgrid.ie/sites/default/files/publications/ECP-2.3-Solar-and-Wind-Constraints-Report-Results-for-Area-B-v1.1.1.pdf>

Environmental Protection Agency (2022) Guidelines on the information to be contained in Environmental Impact Assessment Reports https://www.epa.ie/publications/monitoring-assessment/assessment/EIAR_Guidelines_2022_Web.pdf

Environmental Protection Agency (2021) Best Practice Guidelines for the Preparation of Resource & Waste Management Plans for Construction & Demolition Projects <https://www.epa.ie/publications/circular-economy/resources/CDWasteGuidelines.pdf>

Environmental Protection Agency Ireland (2009) Code of Practice: Wastewater Treatment and Disposal Systems Serving Single Houses. EPA, Wexford.

Environmental Protection Agency Ireland (1999) Wastewater Treatment Manuals - Treatment Systems for Small Communities, Business, Leisure Centres and Hotels. EPA, Wexford.

Forestry Commission (2011): Forests and Water UK Forestry Standard Guidelines, Fifth Edition. Publ. Forestry Commission, Edinburgh

Forest Services (2018). (Draft) Forestry and Freshwater Pearl Mussel Requirements – Site Assessment and Mitigation Measures.

Forest Service (2000): Forestry and Water Quality Guidelines. Forest Service, DAF, Johnstown Castle Estate, Co. Wexford.

Inland Fisheries Ireland (2016): Guidelines on Protection of Fisheries during Construction Works in and Adjacent to Watercourses.

Institute of Geologists Ireland (2007) Guide for Drilling Wells for Private Water Supplies. IGI, Dublin.

Irish Statute Book (2017) Forestry Regulations 2017 (S.I. No. 191 of 2017).

Irish Statute Book (2007) Waste Management (Collection Permit) Regulations, 2007 as amended (S.I. No. 820 of 2007).

Irish Statute Book (2000). Planning and Development Acts 2000 to 2019. Stationery Office, Dublin.

Irish Statute Book (1996) Waste Management Act 1996 (S.I. No. 10 of 1996).

McAulay, I., TJP Envision Limited, Department of Trade and Industry, New and Renewable Energy Programme (1999) The Influence of Colour on the Aesthetics of Wind Turbine Generators (ETSU, London).

Office of Public Works. Construction, Replacement or Alteration of Bridges and Culverts - A Guide to Applying for Consent under Section 50 of the Arterial Drainage Act, 1945. Available at:
<https://www.gov.ie/en/publication/957aa7-consent-requirements-constructionalteration-of-watercourse-infrastru/>

Safety and Health Commission for the Mining and Other Extractive Industries (2002) Doc. No 1396/2/01 EN Guidance on the Safe Use of Explosives in Quarries
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Mines_and_Quarries/Guidance%20on%20the%20Safe%20Use%20of%20Explosives%20in%20Quarries.pdf

Scottish Natural Heritage, 2019 Good Practice During Wind Farm Construction.

Scottish Natural Heritage (2013) Research and Guidance on Restoration and Decommissioning of Onshore Wind Farms Commissioned Report No. 591/ SNH, Stirling.

Scottish Natural Heritage (2010) Good Practice During Wind Farm Construction.

Siltbuster. Concrete Washer. Available at https://www.siltbuster.co.uk/sb_prod/siltbuster-roadside-concrete-washout-rcw/

UK Guidance Note 2020 GPP1 - General Guide to Prevention of Pollution (UK Guidance Note).

UK Guidance Note 2018 GPP5 – Works or Maintenance in or Near Watercourses

UNFCCC (2015) COP21 <https://unfccc.int/process-and-meetings/the-paris-agreement#:~:text=The%20Paris%20Agreement%20is%20a,force%20on%204%20November%202016.>

UNFCCC (2023) COP28 <https://unfccc.int/cop28>

UNFCCC (2024) COP29 <https://unfccc.int/cop29>

Wind Energy Ireland. Wind Stats. Available at <https://www.windenergyireland.com/about-wind/the-basics/facts-stats>

Population & Human Health

American Wind Energy Association and Canadian Wind Energy Association (2009). Wind Turbine Sound and Health Effects - An Expert Panel Review, USA and Canada.

Australian Government National Health and Medical Research Council (NHMRC) Wind Turbines & Health (2010). A Rapid Review of the Evidence. Australia.

Baringa (2019) Wind for a Euro: Cost-benefit analysis of wind energy in Ireland 2000-2020

BiGGAR Economics (2016). Wind Farms and Tourism Trends in Scotland. Midlothian, Scotland.

British Horse Society (2025). Advice on Wind Turbines and Horses Equestrian Access

Central Statistics Office Ireland (2023). Census of Agriculture 2020 Detailed Results. www.cso.ie

Central Statistics Office Ireland (2023). Census Results 2022 & 2016. www.cso.ie

Central Statistics Office Ireland (November 2025). Inbound Tourism October 2025. Available at: <https://www.cso.ie/en/releasesandpublications/ep/p-ibt/inboundtourismoctober2025/>

Centre for Economics and Business Research (2014) The effect of wind farms on house prices. Renewable UK, London.

Chapman and Crichton (2017). Wind turbine syndrome; A communicated disease.

Chapman and Simonetti (2015). Summary of main conclusions reached in 25 reviews of the research literature on wind farms and health.

Climate and Health Alliance (2012). Position Statement on Health and Wind Turbines. Australia.

Climate Exchange (October 2016). Impact of Wind Turbines on House Prices in Scotland.

Department of Environment, Climate and Communications (2025) Climate Action Plan 2025.

Department of Environment, Climate and Communications (2023). Climate Action Plan 2024

Department of Communications, Climate Action and Environment (2021) Climate Action Plan (CAP).

Department of Housing, Planning and Local Government (December 2019). Draft Revised Wind Energy Development Guidelines. DHPLG, Dublin.

Department of Housing, Planning and Local Government (June 2017) Review of the Wind Energy Development Guidelines 2006 – Preferred Draft Approach. DHPLG, 2017.

Department of Housing, Planning and Local Government (December 2013). Proposed Revisions to Wind Energy Development Guidelines 2006 – Targeted Review

Department of Housing, Planning and Local Government (2018) Guidelines for Planning Authorities and An Bord Pleanála, (taken from the European Commission's 'Environmental Impact Assessment of Projects: Guidance on the Preparation of the Environmental Impact Assessment Report' (2018)).

Department of Housing, Planning, Community and Local Government (2017). Key Issues Consultation Paper on the Transposition of the 2014 EIA Directive.

Department of the Environment, Heritage and Local Government (2006). Wind Energy Development Guidelines for Planning Authorities (Revised). Stationery Office, Dublin.

Discover Ireland www.discoverireland.ie

EirGrid (2017). EMF & You: Information about Electric & Magnetic Fields and the electricity transmission system in Ireland.

Environmental Protection Agency (2022). Guidelines on the Information to be Contained in Environmental Impact Reports. EPA, Wexford.

Environmental Protection Agency (July 2022) Ireland's Provisional Greenhouse Gas Emissions 1990-2022. www.epa.ie

Environmental Protection Agency (April 2021) Ireland's Final Greenhouse Gas Emissions. www.epa.ie

ESB (2017) EMF & You: Information about Electric & Magnetic Fields and the electricity transmission system in Ireland (https://esb.ie/docs/default-source/default-document-library/emf-public-information_booklet_v9.pdf?sfvrsn=0).

Fáilte Ireland (2025) Key Tourism Facts 204. www.failteireland.ie

Faile Ireland (2025) Mayo Key Tourism Facts 2024.

Fáilte Ireland (March 2021). Regional tourism performance in 2019.

Fáilte Ireland (August 2018) 2017 Topline Tourism Performance By Region. www.failteireland.ie

Fáilte Ireland (2012). Visitor Attitudes on the Environment: Wind Farms – Update on 2007 Research.

Fáilte Ireland (2008). Visitor Attitudes on the Environment: Wind Farms.

Fáilte Ireland (September 2019). Tourism Facts 2018. Fáilte Ireland. Available at: www.failteireland.ie

Finnish Government's Analysis, Assessment and Research Activities (VN TEAS) (2020). Infrasound Does Not Explain Symptoms Related to Wind Turbines.

Health & Safety Authority (2006) Guidelines on the Procurement, Design and Management Requirements of the Safety, Health and Welfare at Work (Construction) Regulations.

Heblich, Dr. S. et al (2016) Impact of wind Turbines on House Prices in Scotland. Climate Xchange

Helimax Energy (2008). Shadow Flicker Analysis. Stantec, Ontario.

International Commission on Non-Ionizing Radiation Protection (ICNIRP) (2020). RF EMF Guidelines 2020.

Irish Statute Book (2013) Safety, Health and Welfare at Work (Construction) Regulations 2013 (S.I. 291 of 2013), as amended.

Irish Statute Book (2007) Safety, Health and Welfare at Work (General Application) Regulations 2007 (S.I. No. 299 of 2007), as amended.

Irish Statute Book (2006) Safety, Health and Welfare at Work (Work at Height) Regulations 2006 (S.I. No. 318 of 2006).

Irish Statute Book (2005) Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005), as amended.

Irish Wind Energy Association (2009). Jobs and Investment in Irish Wind Energy – Powering Ireland's Economy. Deloitte, Ireland.

Irish Wind Energy Association (2014). "An Enterprising Wind" An economic analysis of the job creation potential of the wind sector in Ireland, Siemens Limited, Dublin.

Irish Wind Energy Association (January 2020) Interactions Opinion Poll on Wind Energy. Ireland

Irish Wind Energy Association (2012). Best Practice Guidelines for the Irish Wind Energy Industry.

Lawrence Berkley National Laboratory (2013) A Spatial Hedonic Analysis of the Effects of Wind Energy Facilities on Surrounding Property Values in the United States.

Lawrence Berkley National Laboratory (2009). The Impact of Wind Power Projects on Residential Property Values in the United States: A multi-Site Hedonic Analysis. US Department of Energy London.

Massachusetts Departments of Environmental Protection and Public Health (2012). Wind Turbine Health Impact Study -Report of Independent Expert Panel. USA.

Massachusetts Institute of Technology (2014) Wind Turbines and Health, A Critical Review of the Scientific Literature, Journal of Occupational and Environmental Medicine Vol. 56 (11).

Noble Environmental Power LLC (2006). Wind Fact Sheet #4: Shadow Flicker. Noble Environmental Power, Connecticut.

ODPM Annual Report and Accounts 2004: Housing, Planning, Local Government and the Regions Committee; Planning Policy Statement 22

Póyr (2014) The Value of Wind Energy to Ireland A report to Irish Wind Energy Association. Cambridge Economics.

Renewable UK (2010). Wind Turbine Syndrome - An independent review of the state of knowledge about the alleged health condition. London, UK.

Siemens (2014) An Enterprising Wind: An economic analysis of the job creation potential of the wind sector in Ireland. Available at: <https://www.esri.ie/system/files/media/file-uploads/2015-07/BKMNEXT250.pdf>

Sustainable Energy Authority of Ireland (October 2017). 'Attitudes Towards the Development of Wind Farms in Ireland'. SEAI, Dublin.

Sustainable Energy Authority of Ireland (2011), Wind Energy Roadmap 2011 to 2050. www.seai.ie

Sustainable Energy Authority of Ireland (2003). Attitudes Towards the Development of Wind Farms in Ireland. SEAI, Dublin.

Mayo County Council (2022) Mayo City and County Development Plan 2021-2027.

UK Department of Energy and Climate Change (2010). Update of Shadow Flicker Evidence Base.

Warren, C.R. *et al.*, (2005). Green on Green: Public Perceptions of Wind Power in Scotland and Ireland. Journal of Environmental Planning and Management 48(6): 853-875.

Wind Energy Ireland & KPMG (April 2021) Economic impact of onshore wind in Ireland. www.windenergyireland.com

Wind Energy Ireland & MaREI (March 2021) Our Climate Neutral Future Zero by 50. www.windenergyireland.com

Wind Energy Ireland (January 2021) Public Attitudes Monitor. www.windenergyireland.com

Woolcock Institute for Medical Research, New South Wales Australia (2023) 'The Health Effects of 72 Hours of Simulated Wind Turbine Infrasound: A Double-Blind Randomized Crossover Study in Noise-Sensitive Health Adults'

World Health Organisation (2018). Environmental Noise Guidelines for the European Region: World Health Organisation Regional Office for Europe, 2018

6

Biodiversity

Bat Conservation Ireland (2026) Bat Survey, Assessment and Mitigation Guidelines for Onshore Wind Farms in Ireland. Bat Conservation Ireland, Ireland.

British Bryological Society. Atherton, I., Bosanquet, S. and Lawley, M. eds. (2010). Mosses and liverworts of Britain and Ireland: a field guide. Plymouth.

Buckley, D.J. (2012) National Newt Survey - Final Report 2012. Irish Wildlife Trust, Dublin

CIEEM (2018) Guidelines for Ecological Impact Assessment in the UK and Ireland: Terrestrial, Freshwater, Coastal and Marine version 1.3. Chartered Institute of Ecology and Environmental Management, Winchester.

CIEEM (2017) Guidelines on Ecological Report Writing. Chartered Institute of Ecology and Environmental Management, Winchester.

CIEEM (2013). Competencies for Species Survey: Badger. Chartered Institute of Ecology and Environmental Management, Winchester.

Collins, J. (ed.) (2023) *Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th Edition)*. The Bat Conservation Trust, London.

EC (2013). Interpretation Manual of European Union Habitats. Version EUR 28. European Commission, DG Environment.

English Nature (2001). Great Crested Newt Mitigation Guidelines. English Nature, Peterborough.

Environmental Protection Agency [online]. Available at: <http://www.epa.ie>. [Accessed 24/03/2026].

EPA (2022). Guidelines on the information to be contained in Environmental Impact Assessment Reports. Environmental Protection Agency, Ireland.

European Communities (Environmental Impact Assessment) Regulations, 1989 to 2006.

European Communities (Natural Habitats) Regulations, SI 94/1997, SI 233/1998 and SI 378/2005 – <http://www.irishstatutebook.ie>.

Fernandez Valverde, F., Crowley, W. and Wilson, S. (2012) Raised Bog Monitoring Project 2011 - Volume 1: Main Report. Irish Wildlife Manuals No. 62. NPWS, Dublin.

Fernandez, F., Connolly K., Crowley W., Denyer J., Duff K. & Smith G. (2014) Raised Bog Monitoring and Assessment Survey 2013. Irish Wildlife Manuals, No. 81. National Parks and Wildlife Service, Department of Arts, Heritage and Gaeltacht, Dublin, Ireland.

Fernandez Valverde, F., Fanning, M., McCorry, M. and Crowley, W. (2005). Raised Bog Monitoring Project 2004-2005. Report to the National Parks and Wildlife Service, Dublin.

First Schedule of the European Union (Invasive Alien Species) Regulations 2024 (S.I. 374 of 2024).

Flora (Protection) Order 2022

Fossitt, J.A. (2000). A Guide to Habitats in Ireland. Dublin: The Heritage Council.

Inland Fisheries Ireland [online]. Available at: <http://www.fisheriesireland.ie/> [Accessed 24/03/2026].

Inns, H. (2011) *Britain's Reptiles and Amphibians*, Hampshire:

King, J.L., Marnell, F., Kingston, N., Rosell, R., Boylan, P., Caffrey, J.M., FitzPatrick, Ú., Gargan, P.G., Kelly, F.L., O'Grady, M.F., Poole, R., Roche, W.K. and Cassidy, D. (2011) Ireland Red List No. 5: Amphibians, Reptiles and Freshwater Fish. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht, Dublin, Ireland.

Marnell, F., Kelleher, C. & Mullen, E. (2022) Bat mitigation guidelines for Ireland v2. Irish Wildlife Manuals, No. 134. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage, Ireland

Marnell, F., Looney, D. and Lawton, C. (2019) Ireland Red List No. 12: Terrestrial Mammals. National Parks and Wildlife Service, Department of the Culture, Heritage and the Gaeltacht, Dublin, Ireland.

Martin, J.R., O'Neill, F.H. & Daly, O.H. (2018) The monitoring and assessment of three EU Habitats Directive Annex I grassland habitats. *Irish Wildlife Manuals*, No. 102. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland.

National Biodiversity Data Centre [online]. Available at: <http://www.biodiversityireland.ie/> [Accessed 24/03/2026].

NatureScot (2021). Bats and onshore wind turbines: survey, assessment and mitigation. Version: August 2021 (updated with minor revisions).

NPWS (2024). Irelands 4th National Biodiversity Action Plan 2023-2030. Department of Housing, Local Government and Heritage, Dublin, Ireland.

NPWS (2025). The Status of EU Protected Habitats and Species in Ireland. Volume 1: Summary Overview. Unpublished NPWS report.

NPWS (2025). The Status of EU Protected Habitats and Species in Ireland. Volume 2: Habitats Assessments. Unpublished NPWS report.

NPWS (2025). The Status of EU Protected Habitats and Species in Ireland. Volume 3: Species Assessments. Unpublished NPWS report.

NPWS (2021) - Guidance on the Strict Protection of Certain Animal and Plant Species under the Habitats Directive in Ireland. National Parks and Wildlife Service Guidance Series, Department of Housing, Local Government and Heritage, Dublin, Ireland.

NPWS (2019). The Status of EU Protected Habitats and Species in Ireland. Volume 1: Summary Overview. Unpublished NPWS report.

NPWS (2019). The Status of EU Protected Habitats and Species in Ireland. Volume 2: Habitats Assessments. Unpublished NPWS report.

NPWS (2019). The Status of EU Protected Habitats and Species in Ireland. Volume 3: Species Assessments. Unpublished NPWS report.

NPWS (2018) Conservation objectives supporting document – lesser horseshoe bat (*Rhinolophus hipposideros*) Version 1. Conservation Objectives Supporting Document Series. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Dublin, Ireland.

NPWS Flora (Protection) Order 2022 map viewer [online]. Available at: <https://heritagedata.maps.arcgis.com/apps/webappviewer/index.html?id=a41ef4e10227499d8de17a8abe42bd1e> [Accessed 24/03/2026].

NPWS Flora (Protection) Order Bryophytes map viewer [online]. Available at: <https://dahg.maps.arcgis.com/apps/webappviewer/index.html?id=71f8df33693f48edbb70369d7fb26b7e> [Accessed 24/03/2026].

NPWS Protected Site Synopses and maps [online]. Available at: <http://www.npws.ie/protected-sites/> [Accessed 24/03/2026].

O'Neill, K., Jennings, S., Forsyth, L., Carey, R., Portig, A., Preston, J., Langton, T. & McDonald, R. (2004) *The distribution and status of smooth newts in Northern Ireland*. Environment & Heritage Service, Belfast (Unpublished).

Perrin, P.M., Barron, S.J., Roche, J.R. & O'Hanrahan, B. (2014). Guidelines for a national survey and conservation assessment of upland vegetation and habitats in Ireland. Version 2.0. *Irish Wildlife Manuals*, No. 79. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht, Dublin, Ireland.

Perrin, P.M., FitzPatrick, Ú. and Lynn, D. (2018). The Irish Vegetation Classification – An Overview of Concepts, Structures and Tools.

Preston C.D., Pearman, D.A. and Dines, T.D. (2002). New Atlas of the British and Irish Flora. Oxford University Press.

Regan, E.C., Nelson, B., Aldwell, B., Bertrand, C., Bond, K., Harding, J., Nash, D., Nixon, D., & Wilson, C.J. (2010) Ireland Red List No. 4 – Butterflies. National Parks and Wildlife Service, Department of the Environment, Heritage and Local Government, Ireland.

Rodrigues, L., L. Bach, M. J. Dubourg-Savage, B. Karapandža, D. Kovač, T. Kervyn, J. Dekker, A. Kepel, P. Bach, J. Collins, C. Harbusch, K. Park, B. Micevski, and J. Minderman (2015). Guidelines for consideration of bats in wind farm projects - Revision 2014. UNEP/EUROBATS Secretariat Bonn, Germany.

Smith, G.F. & Crowley, W. (2020) The habitats of cutover raised bog. Irish Wildlife Manuals, No. 128. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage, Ireland.

Smith, G.F., O'Donoghue, P., O'Hora, K. and Delaney, E. (2011). Best practice guidance for habitat survey and mapping. Heritage Council, Kilkenny.

Stace, C. (2019). New Flora of the British Isles, 4th Edition. C&M Floristics

TII (2006a). Guidelines for the Treatment of Bats during the Construction of National Road Schemes. Dublin: National Roads Authority.

TII (2006b). Guidelines for the Treatment of Badger Prior to the Construction of National Roads Schemes. Dublin: National Roads Authority.

TII (2008a). Ecological Surveying Techniques for Protected Flora and Fauna during the Planning of National Road Schemes. Dublin: National Roads Authority.

TII (2008b). Guidelines for the Treatment of Otters Prior to the Construction of National Road Schemes. Dublin: National Roads Authority.

TII (2008c) Environmental Impact Assessment of National Road Schemes – A Practical Guide, National Roads Authority, Dublin.

TII (2009). Guidelines for Assessment of Ecological Impacts of National Roads Schemes. Dublin: National Roads Authority.

TII (2020) - The Management of Invasive Alien Plant Species on National Roads – Technical Guidance CE-ENV-01105

Toner, P., Bowman, J., Clabby, K., Lucey, J., McGarrigle, M., Concannon, C., ... & MacGarthaigh, M. (2005). Water quality in Ireland. Environmental Protection Agency, Co. Wexford, Ireland.

Wildlife Act 1976 and Wildlife (Amendment) Acts.

Wyse Jackson, M., FitzPatrick, Ú., Cole, E., Jebb, M., McFerran, D., Sheehy Skeffington, M. and Wright, M. (2016). Ireland Red List No. 10: Vascular Plants. National Parks and Wildlife Service, Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs, Dublin, Ireland.

Ornithology

Balmer, D. E., Gillings, S., Caffrey, B. J., Swann, R. L., Downie, I. S., & Fuller, R. J. (2013). Bird Atlas 2007-11: the breeding and wintering birds of Britain and Ireland. Thetford: BTO.
<http://www.seabirdgroup.org.uk/journals/seabird-27/seabird-27-112.pdf>

Band, W (2024) Using a collision risk model to assess bird collision risks for onshore wind farms. NatureScot Commissioned Report No. 909. <https://www.nature.scot/doc/naturescot-research-report-909-using-collision-risk-model-assess-bird-collision-risks-onshore-wind>

Band, W., Madders, M., & Whitfield, D. P. (2007). Developing field and analytical methods to assess avian collision risk at wind farms. Birds and wind farms: risk assessment and mitigation, 259-275.
https://www.natural-research.org/application/files/4114/9182/2839/Band_et_al_2007.pdf

Barrientos, R., Alonso, J.C., Ponce, C. and Palacín, C. (2011), Meta-Analysis of the Effectiveness of Marked Wire in Reducing Avian Collisions with Power Lines. Conservation Biology, 25: 893-903.
<https://doi.org/10.1111/j.1523-1739.2011.01699.x>

Bibby, C.J., Burgess, N.D., Hillis, D.M., Hill, D.A. and Mustoe S. (2000). *Bird Survey Techniques*. Massachusetts, United States: Academic Press.

BirdWatch Ireland (2021) I-WEBS Counter Manual. BirdWatch Ireland, Kilcoole, Ireland. Available at: <https://birdwatchireland.ie/publications/i-webs-counter-manual/>

Brazil, M. (2003). *The Whooper Swan*. London: T&AD Poyser.

British Trust for Ornithology (2021). Breeding Bird Survey. British Trust for Ornithology, Thetford, UK. Available at: <https://www.bto.org/our-science/projects/bbs>

British Trust for Ornithology (2021) BirdFacts. Available at <https://www.bto.org/about-birds/birdfacts>

Burke, B., McElwaine, J. G., Fitzgerald, N., Kelly, S. B. A., McCulloch, N., Walsh, A. J., & Lewis, L. J. (2021). Population size, breeding success and habitat use of Whooper Swan *Cygnus cygnus* and Bewick's Swan *Cygnus columbianus bewickii* in Ireland: results of the 2020 International Swan

Census. Irish Birds, 43, 57-70. https://www.researchgate.net/profile/Brian-Burke-5/publication/350856681_Population_size_breeding_success_and_habitat_use_of_Whooper_Swan_Cygnus_cygnus_and_Bewick's_Swan_Cygnus_columbianus_bewickii_in_Ireland_results_of_the_2020_International_Swan_Census/links/616fce7cc891c4663aaace06/Population-size-breeding-success-and-habitat-use-of-Whooper-Swan-Cygnus-cygnus-and-Bewicks-Swan-Cygnus-columbianus-bewickii-in-Ireland-results-of-the-2020-International-Swan-Census.pdf

Burke, B., Kennedy, J., Gadd, R., Fitzgerald, N., Lynch, A., Caffrey, B., Walsh, D., Murray, T., & Kelly, S.B.A. (2025). The status and distribution of wintering waterbirds in Ireland in 2023: results from the Irish Wetland Bird Survey (I-WeBS). Irish Wildlife Manuals, No. 162. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage, Ireland. https://www.researchgate.net/publication/400900243_Burke_B_Kennedy_J_Gadd_R_Fitzgerald_N_Lynch_A_Caffrey_B_Walsh_A_Murray_T_Kelly_SBA_2025_The_status_and_distribution_of_wintering_waterbirds_in_Ireland_in_2023_results_from_the_Irish_Wetland_Bird_Survey

Burnell, D. (2023). Seabird Count. Lynx Nature Books.

CIEEM (2019). Guidelines for Ecological Impact Assessment in the UK and Ireland. Chartered Institute of Ecology and Environmental Management, Romsey, UK. Available at: <https://cieem.net/resource/guidelines-for-ecological-impact-assessment-ecia/>

Colhoun, K., Flannelly, F., O'Neill, J., Phelan, E., Servignat, H., O'Donoghue, B., & Kelly, S. (2022). Status and distribution of breeding Eurasian Curlew in Ireland 2021. Irish Wildlife Manuals, (138). <https://www.npws.ie/sites/default/files/publications/pdf/IWM138.pdf>

Council Directive 92/43/EEC 21 May 1992 on the conservation of natural habitats and of wild fauna and flora. Available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:31992L0043>

Council Directive 2009/147/EC 30 November 2009 on the conservation of wild birds. Available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32009L0147>

Council Directive 2014/52/EU 16 April 2014 amending Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment. Available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32014L0052&rid=1>

Directorate-General for Environment (2026). Guidance document on the general system of protection of bird species - Article 5 and Article 9 of the Birds Directive. [online] Available at: https://environment.ec.europa.eu/document/download/41ecc2d5-f8d4-4a0e-9291-a9b2b1456f96_en?filename=C_2026_2274_1_EN_annexe_acte_autonome_cp_part1_v3.pdf

DoHPLG (2018). Guidelines for planning authorities and An Bord Pleanála on carrying out Environmental Impact Assessment. Department of Housing, Planning and Local Government, Government of Ireland, Dublin. Available at: <https://www.gov.ie/en/publication/53aee9-guidelines-for-planning-authorities-and-an-bord-pleanala-on-carrying/>

Drewitt, A. L., & Langston, R. H. (2006). Assessing the impacts of wind farms on birds. Ibis, 148, 29-42. <https://doi.org/10.1111/j.1474-919X.2006.00516.x>

Drewitt, A. L., & Langston, R. H. (2008). Collision effects of wind-power generators and other obstacles on birds. Annals of the New York Academy of Sciences, 1134(1), 233-266. <https://doi.org/10.1196/annals.1439.015>

Duffy, K., & Steward, M. (2008). *Turbine search methods and carcass removal trials at the Braes of Doune windfarm* (No. 4). Natural Research Information Note. Available at: <https://tethys.pnnl.gov/sites/default/files/publications/Duffy-2008.pdf>

Edkins, A. (2014). Impacts of wind energy developments on birds and bats: looking into the problem. <https://tethys.pnnl.gov/sites/default/files/publications/Edkins-2014.pdf>

European Commission, Directorate-General for Environment, (2020) Guidance document on wind energy developments and EU nature legislation. Publications Office of the European Union. <https://data.europa.eu/doi/10.2779/095188>

EPA (2022). Guidelines on the information to be contained in Environmental Impact Statement reports. Environmental Protection Agency, Johnstown Castle Estate, Wexford. Available at: https://www.epa.ie/publications/monitoring-assessment/assessment/EIAR_Guidelines_2022_Web.pdf

European Commission (2002). Assessment of plans and projects significantly affecting Natura 2000 sites. Publications Office of the European Union, Luxembourg. https://ec.europa.eu/environment/nature/natura2000/management/docs/art6/natura_2000_assess_en.pdf

European Commission (2020). Guidance document on wind energy developments and EU nature legislation. Publications Office of the European Union, Luxembourg. https://ec.europa.eu/environment/nature/natura2000/management/docs/wind_farms_en.pdf

European Communities (Conservation of Wild Birds) Regulations, 1985, SI 291/1985 and amendments – <http://www.irishstatutebook.ie>

European Communities (Natural Habitats) Regulations, SI 94/1997, SI 233/1998 and SI 378/2005 – <http://www.irishstatutebook.ie>

European Union (2022) Article 12 web tool. Available at: <https://nature-art12.eionet.europa.eu/article12/>

European Communities (Noise Emission by Equipment For Use Outdoors) Regulations, 2001, No. 632/2001. Dublin: Stationary Office. Available at: <https://www.irishstatutebook.ie/eli/2001/si/632/made/en/print>

Evans, P. R., & Pienkowski, M. W. (1984). Population dynamics of shorebirds. In *Shorebirds: Breeding behavior and populations* (pp. 83-123). Boston, MA: Springer US. https://link.springer.com/chapter/10.1007/978-1-4684-4691-3_3

Fijn, R.C., Krijgsveld, K.L., Tijssen, W., Prinsen, H.A. and Dirksen, S., 2012. Habitat use, disturbance and collision risks for Bewick's Swans *Cygnus columbianus bewickii* wintering near a wind farm in the Netherlands. *Wildfowl*, 62, pp.97-116.

Forestry Commission Scotland (2006). Forest operations and birds in Scottish forests - the law and good practice. FCS Guidance Note 32, Forestry Commission Scotland, Inverness, Scotland.

Fossitt, J.A. (2000). *A Guide to Habitats in Ireland*. Dublin: The Heritage Council.

Gibbons, D.W., Reid, J.B. and Chapman, R.A. (1993). *The New Atlas of Breeding Birds in Britain and Ireland: 1988-1991*. T.& A.D. Poyser, London, UK.

Gilbert, G., Gibbons, D.W. and Evans, J. (1998) *Bird monitoring methods*. Bedfordshire, England: Pelagic Publishing, Royal Society for the protection of Birds.

Gilbert, G., Stanbury, A., & Lewis, L. (2021). Birds of conservation concern in Ireland 4: 2020-2026. *Irish Birds*, 43, 1-22. Available at: <https://birdwatchireland.ie/birds-of-conservation-concern-in-ireland/>

Goodship, N. M., & Furness, R. W. (2022). NatureScot Research Report 1283-Disturbance Distances Review: An updated literature review of disturbance distances of selected bird species. Available at: <https://www.nature.scot/doc/naturescot-research-report-1283-disturbance-distances-review-updated-literature-review-disturbance>

Hardey, J., Crick, H.Q.P., Wernham, C.V., Riley, H., Etheridge, B. and Thompson, D.B.A. (2013). Raptors: a field guide for surveys and monitoring [3rd Edition]. The Stationary Office, Edinburgh. [https://books.google.ie/books?hl=en&lr=&id=_8MJMJxiLuMC&oi=fnd&pg=PR8&dq=%E2%80%A2%09Hardey,+J.,+Crick,+H.,+Wernham,+C.,+Riley,+H.,+Etheridge,+B.+and+Thompson,+D.+\(2013\).+Raptors:+a+field+guide+to+survey+and+monitoring.+The+Stationery+Office,+Edinburgh.&ots=XVaThRSmVS&sig=QqmW2AjpWd5Mz2vpbe40S9mv8kQ&redir_esc=y#v=onepage&q&f=false](https://books.google.ie/books?hl=en&lr=&id=_8MJMJxiLuMC&oi=fnd&pg=PR8&dq=%E2%80%A2%09Hardey,+J.,+Crick,+H.,+Wernham,+C.,+Riley,+H.,+Etheridge,+B.+and+Thompson,+D.+(2013).+Raptors:+a+field+guide+to+survey+and+monitoring.+The+Stationery+Office,+Edinburgh.&ots=XVaThRSmVS&sig=QqmW2AjpWd5Mz2vpbe40S9mv8kQ&redir_esc=y#v=onepage&q&f=false)

Hötter, H., Thomsen, K. M., & Jeromin, H. (2006). *Impacts on biodiversity of exploitation of renewable energy sources: the example of birds and bats: Facts, gaps in knowledge, demands for further research, and ornithological guidelines for the development of renewable energy exploitation*. Books on Demand. Books on Demand. Available at: https://tethys.pnnl.gov/sites/default/files/publications/Hotker_et_al_Renewable_Energy_on_Biodiversity.pdf

International Convention on Wetlands of International Importance. (1975). United Nations Treaty Series 996, entered into force 21 December 1975. Available at: <https://treaties.un.org/doc/Publication/UNTS/Volume%20996/volume-996-I-14583-English.pdf>

Kenward, R. E., Walls, S. S., Hodder, K. H., Pahkala, M., Freeman, S. N., & Simpson, V. R. (2000). The prevalence of non-breeders in raptor populations: evidence from rings, radio-tags and transect surveys. *Oikos*, 91(2), 271-279. <https://doi.org/10.1034/j.1600-0706.2000.910207.x>

Lack, P. (1986). The atlas of wintering birds in Britain and Ireland. A&C Black.. [https://books.google.ie/books?hl=en&lr=&id=blWiD_QEYkMC&oi=fnd&pg=PA1&dq=%E2%80%A2%09Lack,+P.C.+\(1986\).+The+atlas+of+wintering+birds+in+Britain+and+Ireland.+London:+T+26+AD+Poyser.&ots=tAHI-ASuAG&sig=HwdEy69_KD8G-TP5KdHb3KVMoKI&redir_esc=y#v=onepage&q&f=false](https://books.google.ie/books?hl=en&lr=&id=blWiD_QEYkMC&oi=fnd&pg=PA1&dq=%E2%80%A2%09Lack,+P.C.+(1986).+The+atlas+of+wintering+birds+in+Britain+and+Ireland.+London:+T+26+AD+Poyser.&ots=tAHI-ASuAG&sig=HwdEy69_KD8G-TP5KdHb3KVMoKI&redir_esc=y#v=onepage&q&f=false)

Lewis, L., Coombes, D., Burke, B., O'Halloran, J., Walsh, A., Tierney, T. D., & Cummins, S. (2019). Countryside bird survey: status and trends of common and widespread breeding birds 1998–2016. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland, Dublin, Ireland. Available at: <https://www.npws.ie/sites/default/files/publications/pdf/IWM115.pdf>

Mayo County Council (2022) Mayo County Development Plan 2022-2028. Mayo County Council, Áras an Chontae, The Mall Castlebar, Co. Mayo, Ireland F23 WF90. Available at: <https://www.mayo.ie/planning/county-development-plans/2022-2028>

McGuinness, S., Muldoon, C., Tierney, N., Cummins, S., Murray, A., Egan, S., & Crowe, O. (2015). Bird sensitivity mapping for wind energy developments and associated infrastructure in the Republic of Ireland. *BirdWatch Ireland, Kilcoole, Wicklow*. Available at: https://birdwatchireland.ie/app/uploads/2019/09/BWI-Bird-Wind-Energy-devt-Sensitivity-Mapping-Guidance_document.pdf

Meredith, C., Venosta, M., & Resson, R. (2002). Codrington Wind Farm avian avoidance behaviour report. *Biosis Research Report on project no. 2704*.

National Biodiversity Data Centre [online]. Available at: <http://www.biodiversityireland.ie/>

NatureScot (2024). Guidance on using an updated collision risk model to assess bird collision risk at onshore wind farms. NatureScot, Inverness, Scotland. Available at: <https://www.nature.scot/doc/guidance-using-updated-collision-risk-model-assess-bird-collision-risk-onshore-wind-farms>

NatureScot (2025). Recommended bird survey methods to inform impact assessment of onshore wind farms. Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/doc/recommended-bird-survey-methods-inform-impact-assessment-onshore-windfarms>

NatureScot (2025). Assessing the cumulative impacts of onshore wind farms on birds. NatureScot, Inverness, Scotland. Available at: <https://www.nature.scot/doc/guidance-assessing-cumulative-impacts-onshore-wind-farms-birds>

NatureScot (2025). Assessing the significance of impacts on bird populations from onshore wind farms that do not affect protected areas. NatureScot, Inverness, Scotland. Available at: <https://www.nature.scot/doc/guidance-note-assessing-significance-impacts-bird-populations-onshore-wind-farms-do-not-affect>

NPWS (2024). Irelands 4th National Biodiversity Action Plan 2023-2030. Department of Housing, Local Government and Heritage, Dublin, Ireland. Available at: https://www.npws.ie/sites/default/files/files/4th_National_Biodiversity_Action_Plan.pdf

NRA (2009). Guidelines for Assessment of Ecological Impacts of National Road Schemes. National Roads Authority, Ireland. <https://www.tii.ie/media/kzldoawo/guidelines-for-assessment-of-ecological-impacts-of-national-road-schemes.pdf>

O'Brien, M., & Smith, K. (1992). Changes in the status of waders breeding on wet lowland grasslands in England and Wales between 1982 and 1989. *Bird Study*, 39(3), 165-176. Available at: <https://www.tandfonline.com/doi/abs/10.1080/00063659209477115>

O'Donoghue (2019). Hen Harrier Roost Types and Guidelines to Roost Watching. Hen Harrier Winter Survey Report. Available at: http://www.ihhws.ie/IHHWS_Guide.pdf

Orta, J., Boesman, P.F.D. and Marks, J.S. (2020). "Eurasian Kestrel (*Falco tinnunculus*)". In: Billerman, S.M., Keeney, B.K., Rodewald, P.G. and Schulenberg, T.S. (eds). *Birds of the World*. Ithaca, NY, USA: Cornell Lab of Ornithology.

Percival, S. M. (2003). Birds and wind farms in Ireland: a review of potential issues and impact assessment. *Ecology Consulting*, 17, 2234-2236. Available at: https://tethys.pnnl.gov/sites/default/files/publications/Percival_2003.pdf

Pearce-Higgins, J. W., Stephen, L., Douse, A., & Langston, R. H. (2012). Greater impacts of wind farms on bird populations during construction than subsequent operation: results of a multi-site and multi-species analysis. *Journal of Applied Ecology*, 49(2), 386-394. <https://doi.org/10.1111/j.1365-2664.2012.02110.x>

Pearce-Higgins, J. W., Stephen, L., Langston, R. H., Bainbridge, I. P., & Bullman, R. (2009). The distribution of breeding birds around upland wind farms. *Journal of Applied ecology*, 46(6), 1323-1331. <https://doi.org/10.1111/j.1365-2664.2009.01715.x>

Planning and Development Act 2000. No. 30/2000, Dublin: Stationary Office. Available at: <https://www.irishstatutebook.ie/eli/2000/act/30/enacted/en/html>

Rees, E. C., Bruce, J. H., & White, G. T. (2005). Factors affecting the behavioural responses of whooper swans (*Cygnus c. cygnus*) to various human activities. *Biological conservation*, 121(3), 369-382. Available at: <https://doi.org/10.1016/j.biocon.2004.05.009>

Ruddock, M., & Whitfield, D. P. (2007). A review of disturbance distances in selected bird species. *A report from Natural Research (Projects) Ltd to Scottish Natural Heritage*, 181, 114-125. Available at:

<https://www.nature.scot/sites/default/files/2018-05/A%20Review%20of%20Disturbance%20Distances%20in%20Selected%20Bird%20Species%20-%20Natural%20Research%20Ltd%20-%202007.pdf>

Sandercock, B. K. (2003). Estimation of survival rates for wader populations: a review of mark-recapture methods. *Bulletin-Wader Study Group*, 100, 163-174. <https://sora.unm.edu/sites/default/files/journals/iwsgb/v100/p00163-p00174.pdf>

Sharrock, J.T.R. (1976). The Atlas of Breeding Birds in Britain and Ireland 1968-1972. T. & A.D. Poyser. Available at: [https://books.google.ie/books?hl=en&lr=&id=jcfBAEPzioAC&oi=fnd&pg=PP1&dq=%E2%80%A2%09Sharrock,+J.T.R.+\(1976\).+The+Atlas+of+Breeding+Birds+in+Britain+and+Ireland.+London:+T.+%26+A.+D.+Poyser.&ots=FkJ5sQPNzv&sig=pX3po4Etj0GX-Nup5sDqMFTHzk&redir_esc=y#v=onepage&q=%E2%80%A2%09Sharrock%2C%20J.T.R.%20\(1976\).%20The%20Atlas%20of%20Breeding%20Birds%20in%20Britain%20and%20Ireland.%20London%3A%20T.%20%26%20A.%20D.%20Poyser.&f=false](https://books.google.ie/books?hl=en&lr=&id=jcfBAEPzioAC&oi=fnd&pg=PP1&dq=%E2%80%A2%09Sharrock,+J.T.R.+(1976).+The+Atlas+of+Breeding+Birds+in+Britain+and+Ireland.+London:+T.+%26+A.+D.+Poyser.&ots=FkJ5sQPNzv&sig=pX3po4Etj0GX-Nup5sDqMFTHzk&redir_esc=y#v=onepage&q=%E2%80%A2%09Sharrock%2C%20J.T.R.%20(1976).%20The%20Atlas%20of%20Breeding%20Birds%20in%20Britain%20and%20Ireland.%20London%3A%20T.%20%26%20A.%20D.%20Poyser.&f=false)

SNH (2000). Wind farms and birds: calculating a theoretical collision risk assuming no avoidance action. Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/sites/default/files/2017-09/Guidance%20Note%20-%20Windfarms%20and%20birds%20-%20Calculating%20a%20theoretical%20collision%20risk%20assuming%20no%20avoiding%20action.pdf>

SNH (2009). Monitoring the impact of onshore wind farms on birds. Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/sites/default/files/2017-09/Guidance%20Note%20-%20Monitoring%20the%20impact%20of%20onshore%20windfarms%20on%20birds.pdf>

SNH (2016). Assessing connectivity with Special Protection Areas (SPAs). Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/sites/default/files/2022-12/Assessing%20connectivity%20with%20special%20protection%20areas.pdf>

SNH (2017). Recommended bird survey methods to inform impact assessment of onshore wind farms. Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/sites/default/files/2018-06/Guidance%20Note%20-%20Recommended%20bird%20survey%20methods%20to%20inform%20impact%20assessment%20of%20onshore%20windfarms.pdf>

SNH (2018a) Avoidance rates for the onshore SNH wind farm collision risk model. Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/sites/default/files/2018-09/Wind%20farm%20impacts%20on%20birds%20-%20Use%20of%20Avoidance%20Rates%20in%20the%20SNH%20Wind%20Farm%20Collision%20Risk%20Model.pdf>

SNH (2018b). Assessing the cumulative impacts of onshore wind farms on birds. Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/sites/default/files/2018-08/Guidance%20-%20Assessing%20the%20cumulative%20impacts%20of%20onshore%20wind%20farms%20on%20birds.pdf>

SNH (2018c). Assessing significance of impacts from onshore wind farms outwith designated areas. Scottish Natural Heritage, Inverness, Scotland. Available at: <https://www.nature.scot/doc/guidance-assessing-significance-impacts-bird-populations-onshore-wind-farms-do-not-affect-protected>

Spence, I. M. (1988). Mortality of snipe estimated from a mark and recapture study. *Ringling & Migration*, 9(1), 27-31. <https://doi.org/10.1080/03078698.1988.9673918>

Wanless, S., Harris, M.P., Calladine, J. and Rothery, P., 1996. Modelling responses of herring gull and lesser black backed gull populations to reduction of reproductive output: Implications for control measures. *Journal of Applied Ecology*, pp.1420-1432. <https://doi.org/10.2307/2404781>

Wildlife Act 1976 and Wildlife (Amendment) Acts.

8

Land, Soils and Geology

British Standards Institution (BSI). (2015) BS5930 - Code of Practice for Site Investigations.

Department of Housing, Planning and local Government, 2018: Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment.

Environmental Protection Agency (2022): Guidelines on the Information to be contained in Environmental Impact Assessment Reports.

Environmental Protection Agency (2003): Advice Notes on Current Practice (in the Preparation of Environmental Impact Statements).

European Union, 2017: Guidance on the preparation of the EIA Report (Directive 2011/92/EU as amended by 2014/52/EU).

Fehily Timoney and Company (FT) (2026). Geotechnical & Peat Stability Assessment Report – Cunlaghfadda Green Energy Project. December 2025.

Fehily Timoney and Company (FT) (2026). Peat & Spoil Management Plan – Cunlaghfadda Green Energy Project. December 2025.

Geological Survey of Ireland (GSI). (1997) Geology of South Mayo, 1:100,000 scale Bedrock Geology Series, Sheet 11.

Institute of Geologists Ireland (2013): Guidelines for Preparation of Soils, Geology & Hydrogeology Chapters in Environmental Impact Statements.

National Roads Authority (2008): Guidelines on Procedures for Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes.

Scottish Natural Heritage report (SNH) Research and Guidance on Restoration and Decommissioning of Onshore Wind Farms (SNH, 2013).

9

Water

CIRIA (2001). Control of Water Pollution from Construction Sites: Guidance for Consultants and Contractors (C532). London: CIRIA.

CIRIA (2006): Guidance on 'Control of Water Pollution from Linear Construction Projects' (CIRIA Report No. C648).

Coillte (2013). Forest Operations and Water Protection Guidelines.

DAFM (2018). Forests and Water: Achieving Objectives under Ireland's River Basin Management Plan 2018–2021.

DOE/NIEA (2015): Wind Farms and Groundwater Impacts – A Guide to EIA and Planning Considerations.

DoHGL, 2006: Wind Farm Development Guidelines for Planning Authorities.

DoHGL (2006). Wind Energy Development Guidelines for Planning Authorities.

- DoHPLG (2019). Draft Revised Wind Energy Development Guidelines.
- EPA (2022): Guidelines on the Information to be contained in Environmental Impact Assessment Reports.
- EPA (2024): Water Action Plan: A River Basin Management Plan for Ireland.
- EPA (2024): 3rd Cycle Moy and Killala Bay Catchment Report.
- EPA (2023): 3rd Cycle Corrib Catchment Report.
- European Commission (2017). Environmental Impact Assessment of Projects: Guidance on the Preparation of the EIA Report.
- Forest Service (2000). Forestry and Water Quality Guidelines.
- Forest Service (2002). Forest Protection Guidelines.
- Forest Service (2016). Land Types for Afforestation.
- IFI (2016): Guidelines on Protection of Fisheries during Construction Works in and Adjacent to Waters, Inland Fisheries Ireland.
- IGI (2013): Guidelines for Preparation of Soils, Geology & Hydrogeology Chapters in Environmental Impact Statements, (Institute of Geologists Ireland).
- GSI (2004): Swinford GWB: Summary of Initial Characterisation.
- GSI (2004): Cong-Robe GWB: Summary of Initial Characterisation.
- NRA (2008): Guidelines on Procedures for Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes (National Roads Authority).
- OPW (2009). The Planning System and Flood Risk Management: Guidelines for Planning Authorities.
- Planning and Local Government (2017). Circular Letter PL 1/2017: Implementation of Directive 2014/52/EU on the Effects of Certain Public and Private Projects on the Environment (EIA Directive)
- SNH, (2010): Scottish Natural Heritage report (SNH): Good Practice During Wind Farm Construction.
- SNH, 2013: Scottish Natural Heritage report (SNH): Research and Guidance on Restoration and Decommissioning of Onshore Wind Farms.
- UK Environment Agency PPG1: General Guide to Prevention of Pollution.
- UK Environment Agency PPG5: Works or Maintenance in or Near Watercourses.

Air Quality

- Council of the European Union (2008) Council Directive 2008/50/EC on ambient air quality and cleaner air for Europe. Official Journal of the European Union No. L152.
- Council of the European Union (2004) Council Directive (2004/107/EC) relating to arsenic, cadmium, mercury, nickel and polycyclic aromatic hydrocarbons in ambient air. Official Journal of the European Union No. L23/3.
- Council of the European Union (2002) Council Directive (2002/3/EC) relating to ozone in ambient air. Official Journal of the European Union No. L67/14.

Council of the European Union (2000) Council Directive 2000/69/EC relating to limit values for benzene and carbon monoxide in ambient air. Official Journal of the European Union No. L313.

Council of the European Union (1999) Council Directive 1999/30/EC relating to limit values for sulphur dioxide, nitrogen dioxide and oxides of nitrogen, particulate matter and lead in ambient air. Official Journal of the European Union No. L163/41

Department of Environment, Climate and Communications (2022) Climate Action Plan 2023. Available at: <https://assets.gov.ie/static/documents/climate-action-plan-2023-8b7dba92-f397-4163-8293-3aea656f6b5f.pdf>

Department of Environment, Climate and Communications (2025). Climate Action Plan 2025. Available at: https://assets.gov.ie/static/documents/Climate_Action_Plan_2025_updated_cover.pdf

Environmental Protection Agency (2025) Air Quality Standards <https://airquality.ie/information/air-quality-standards>

Environmental Protection Agency (2024) Air Quality in Ireland Report 2023.

Environmental Protection Agency (2025) Europe's Air Quality Status 2024.

European Environment Agency (2022) Air Quality in Europe - 2022 Report. EEA.

Environmental Protection Agency (2022): Guidelines on the Information to be contained in Environmental Impact Assessment Reports.

Environmental Protection Agency (2021) Best Practice Guidelines on the Preparation of Resource and Waste Management Plans for Construction & Demolition Projects.

Environmental Protection Agency (2022) Air Quality – PM10. Available at: <https://www.epa.ie/publications/monitoring-assessment/air/air-quality-in-ireland-2023.php>

Environmental Protection Agency (2024) Ireland's State of the Environment Report 2024. Available at: <https://www.epa.ie/our-services/monitoring-assessment/assessment/irelands-environment/state-of-environment-report/>

Environmental Protection Agency (2025) Ireland's Air Pollutant Emissions 1990–2030. Available at: <https://www.epa.ie/publications/monitoring-assessment/climate-change/air-emissions/EPA-Air-Pollutant-Final-Report.pdf>

European Environmental Agency (2024) Europe's Air Quality Status 2024. Available at: <https://www.eea.europa.eu/publications/europes-air-quality-status-2024>

European Environment Agency (2025). Air Quality Status Report 2025. Available at: <https://www.eea.europa.eu/en/analysis/publications/air-quality-status-report-2025>

European Commission (2017). Guidance on the Preparation of the Environmental Impact Assessment Report.

European Union (1996). Directive 1996/62/EC. European Parliament and European Council.

Government of Ireland (2011) Air Quality Standards Regulations 2011 (S.I. No. 180 of 2011) as amended by the Air Quality Standards (Amendments).

Government of Ireland (2016) Arsenic, Cadmium, Mercury, Nickel and Polycyclic Aromatic Hydrocarbons in Ambient Air Regulations, 2016 (S.I. 659 2016).

Government of Ireland (2002) Air Quality Standards Regulations 2002 (S.I. No. 271 of 2002).

Government of Ireland (1999) Ambient Air Quality Assessment and Management Regulations 1999 (S.I. No. 33 of 1999).

Government of Ireland (2004) Ozone in Ambient Air Regulations 2004 (S.I. No. 53 of 2004).

Government of Ireland (1999) Environmental Protection Agency Act 1992 (Ambient Air Quality Assessment and Management) Regulations 1999.

Institute of Air Quality Management (2024). Guidance of the Assessment of Dust from Demolition and Construction. Available at: <https://iaqm.co.uk/wp-content/uploads/2013/02/Construction-Dust-Guidance-Jan-2024.pdf>

Office of Energy Efficiency and Renewable Energy (2024) How Wind Can Help Us Breathe Easier. Available at: <https://www.energy.gov/eere/wind/articles/how-wind-can-help-us-breathe-easier>

Rialtas na Eireann (2023) Clean Air Strategy for Ireland <https://www.gov.ie/en/publication/927e0-clean-air-strategy/#:~:text=The%20Clean%20Air%20Strategy%20provides,delivering%20on%20wider%20national%20objectives>.

Rialtas na Eireann (2024) Clean Air Strategy For Ireland - First Progress Report 2024. Available at: <https://assets.gov.ie/static/documents/clean-air-strategy-for-ireland-first-progress-report.pdf>

Transport Infrastructure Ireland (2022) Air Quality Assessment of Proposed National Roads – Standard PE-ENV-01107.

Transport Infrastructure Ireland, December (2022) Air Quality Assessment of Specified Infrastructure Projects – Overarching Technical Document PE-ENV-01106

Transport Infrastructure Ireland (2011) Guidelines for the Treatment of Air Quality During the Planning and Construction of National Road Schemes.

Transport Infrastructure Ireland (2009) Guidelines for Assessment of Ecological Impacts of National Roads Schemes.

UK Department of Environment Food and Rural Affairs (DEFRA) (2016) Part IV of the Environment Act 1995: Local Air Quality Management Technical Guidance (TG16)

UK Highways Agency (UKHA) (2019) Design Manual for Roads and Bridges (DMRB) – LA 105 Air Quality

World Health Organization (2021) Air Quality Guidelines for Particulate Matter, Ozone, Nitrogen Dioxide and Sulphur Dioxide Global Update 2021.

Clare Noone, Deirdre McClean, Danielle Gallagher, Jennifer McElwain and Peter Thorne, 2023, IRELAND'S CLIMATE CHANGE ASSESSMENT Volume 1: Climate Science – Ireland in a Changing World, Environmental Protection Agency, Ireland, 228 pp,

Climate Change Advisory Council (2025) Annual Review 2025 – Our Changing Climate in 2024 <https://www.climatecouncil.ie/councilpublications/annualreviewandreport/CCAC%20AR25%20Our%20Changing%20Climate-final.pdf>

Climate Change Advisory Council Annual Review 2023

<<https://www.climatecouncil.ie/councilpublications/annualreviewandreport/CCAC-AR-2023-FINAL%20Compressed%20web.pdf>>

Climate Change Performance Index (CCPI) (2022) 2023 Results: Climate Mitigation Efforts of 57 Countries plus the EU. Covering 90% of the Global Greenhouse Gas Emissions. www.ccpi.org

Climate Change Performance Index (CCPI) (2023) Climate Change Performance Index 2024.
<https://ccpi.org/download/climate-change-performance-index-2024/>

Climate Ireland (n.d) <https://www.climateireland.ie/impact-on-ireland/future-climate-of-ireland/windspeed/>

Climate Ireland (n.d) <https://www.climateireland.ie/impact-on-ireland/future-climate-of-ireland/waves-surges/>

Connor McGookin, Abhay Menon, Shane McDonagh, Brian Ó Gallachóir and Paul Deane, 2023, IRELAND'S CLIMATE CHANGE ASSESSMENT Volume 2: Achieving Climate Neutrality by 2050, Environmental Protection Agency, Ireland, 226 pp,

Conor Murphy, Liam Heaphy, Tara Quinn, Enda O'Brien and Paul Nolan, 2023, IRELAND'S CLIMATE CHANGE ASSESSMENT Volume 3: Being Prepared for Ireland's Future Climate, Environmental Protection Agency, Ireland, 276 pp,

Department of Agriculture, Food, and the Marine, Tree Felling and Reforestation Policy
<https://www.gov.ie/en/publication/19b8d-tree-felling-licences/>

Department of Climate Change, Action & Environment (2020) National Energy Efficiency Action Plan (NEEAP).

Department of Climate Change, Action and Environment. (n.d) Renewable Energy Action Plan (NREA) Submitted under Article 4 of Directive 2009/28/EC.

Department of Communications, Climate Action and Environment (2018). Sustainable Development Goals National Implementation Plan 2018-2020.

Department of Communications, Climate Action and Environment (2015). Climate Action and Low Carbon Development Act 2015.

Department of Communications, Climate Action and Environment (2021). Climate Action and Low Carbon Development (Amendment) Act 2021.

Department of Communications, Climate Action and Environment (2021) Climate Action Plan (CAP).

Department of Environment, Climate and Communications (2023). Climate Action Plan 2024.

Department of Environment, Climate and Communications (2025) Climate Action Plan 2025.

Department of Environment, Climate and Communications (May 2022). Draft of the Second National Implementation Plan for the SDG Goals 2022-2024.

Department of Housing, Local Government and Heritage (2024) Irelands Climate Averages 1991-2020 Summary Report <https://edepositireland.ie/handle/2262/108695>

Department of the Environment, Heritage and Local Government (2007) National Climate Change Strategy 2007 – 2012. Stationery Office, Dublin.

Department of the Environment, Heritage and Local Government (2006). Wind Energy Development Guidelines for Planning Authorities (Revised). Stationery Office, Dublin.

Department of the Taoiseach (2020). Programme for Government: Our Shared Future.

Directive 2009/28/EC on the promotion of the use of energy from renewable sources. Available from: <https://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:140:0016:0062:en:PDF>

Doddy Clarke, E, Sweeney, C, McDermott, F, et al. Climate change impacts on wind energy generation in Ireland. Wind Energy. 2021; 1- 13. DOI: 10.1002/we.2673

Mayo County Council (2024). Mayo County Council Local Authority Climate Action Plan 2024-2029. Available at: https://www.mayo.ie/getmedia/dfab91e5-939b-41c7-883e-0cee6e359900/139306-Mayo-County-Council-Climate-Action-Plan_2024_V2_Final.pdf

Mayo County Council (2022). Mayo County Development Plan 2022-2028. Available at: <https://www.mayo.ie/getmedia/db6f18d0-73c2-463f-a6cc-5b1186762a48/Vol-1-Written-Variation-No-1.pdf>

EirGrid, 2025 Enduring Connection Policy 2.4 Solar and Wind Constraints Report: Assumptions and Methodology. Available at: <https://cms.eirgrid.ie/sites/default/files/publications/ECP-2.4-Solar-and-Wind-Constraints-Report-Assumptions-and-Methodology-v1.1.pdf>

EirGrid, Enduring Connection Policy 2.3 Constraints Report for Area H2 Solar and Wind (December 2022). Available at: <<https://cms.eirgrid.ie/sites/default/files/publications/ECP-2.3-Solar-and-Wind-Constraints-Report-Results-for-Area-H2-v1.0.pdf>>

Environmental Protection Agency (2005) Climate Change Regional Climate Model Predictions for Ireland <https://www.epa.ie/publications/research/climate-change/climate-change-regional-climate-model-predictions-for-ireland-.php>

Environmental Protection Agency (2021) Climate Status Report for Ireland 2020 <https://www.epa.ie/publications/research/climate-change/research-386-the-status-of-irelands-climate-2020.php>

Environmental Protection Agency (2022) Ireland's Greenhouse Gas Emissions Projections 2022-2040.

Environmental Protection Agency (2023) Ireland's National Inventory Report 2023 - Greenhouse Gas Emissions 1990-2021

Environmental Protection Agency (2024) National inventory Report 2025 <https://www.epa.ie/publications/monitoring-assessment/climate-change/air-emissions/Ireland's-NID-2025.pdf>

Environmental Protection Agency (2025) Ireland's Greenhouse Gas Emissions Projections 2024-2055

Environmental Protection Agency (2025) Ireland's National Inventory Report <https://www.epa.ie/publications/monitoring-assessment/climate-change/air-emissions/Ireland's-NID-2025.pdf>

Environmental Protection Agency (June 2022) Ireland's Greenhouse Gas Emissions Projections 2021-2040. EPA, Ireland.

Environmental Protection Agency (2024) Ireland's Climate Change Assessment Volume 1 – Summary for Policymakers. <https://www.epa.ie/publications/monitoring-assessment/climate-change/irelands-climate-change-assessment-volume-1.php>

EPA Research (2020) High-resolution Climate Projections for Ireland – A Multimodel Ensemble Approach https://www.epa.ie/publications/research/climate-change/Research_Report_339_Part1.pdf

European Commission (2010) Europe 2020 Strategy A European strategy for smart, sustainable and inclusive growth. Brussels.

European Commission (2015). COP21 Paris Agreement. Available at: https://ec.europa.eu/clima/policies/international/negotiations/paris_en

European Commission (2019) COP25 Climate Change Conference. Available at: https://ec.europa.eu/clima/events/cop25-climate-change-conference_en

European Commission (2019) European Green Deal – European Climate Law, 2021.

European Commission (2022) COP27 Climate Change Conference. Available at: <https://cop27.eg/#/>

European Commission (2023) COP28 Climate Change Conference. Available at: <https://www.cop28.com/en/>

European Commission Directive (EU) 2018/2001 on the promotion of the use of energy from renewable resources (recast). Available from: <https://eurlex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32018L2001>

European Commission Directive (EU) 2023/2413 amending Directive (EU) 2018/2001, Regulation (EU) 2018/1999 and Directive 98/70/EC as regards the promotion of energy from renewable sources and repealing Council Directive (EU) 2015/652. Available from: https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:L_202302413

European Commission, Directorate-General for Environment, *Guidance on integrating climate change and biodiversity into environmental impact assessment* –, Publications Office, 2013, <https://data.europa.eu/doi/10.2779/11735>

European Environment Agency (2007) Climate change: the cost of inaction and the cost of adaptation https://www.eea.europa.eu/publications/technical_report_2007_13/download

European Environment Agency (2024) European Climate Risk Assessment <https://www.eea.europa.eu/publications/european-climate-risk-assessment>

European Union (2014) 2030 Climate and Energy Policy Framework

European Union (2014). Directive 2014/52/EU of 16 April 2014 on the assessment of the effects of certain public and private projects on the environment.

Government of Ireland (2020) Climate Status Report for Ireland 2020 https://www.epa.ie/publications/research/climate-change/Research_Report_386.pdf

Hansen, J.; Sato, M.; Kharecha, P. et al. Earth's Energy Imbalance and Implications. *Atmospheric Chemistry and Physics* 2011, 11 (24), 13421–13449. <https://doi.org/10.5194/acp-11-13421-2011>

IEMA (2022). Assessing Greenhouse Gas Emissions and Evaluating their Significant, 2nd Edition. Available online at: <https://www.iema.net/resources/blog/2022/02/28/launch-of-the-updated-eia-guidance-on-assessing-ghg-emissions>

IPCC (1997) Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories

IPCC (2019) IPCC Special Report on the Ocean and Cryosphere in a Changing Climate Chapter 6. Extremes, Abrupt Changes, and Managing Risk https://www.ipcc.ch/site/assets/uploads/sites/3/2022/03/08_SROCC_Ch06_FINAL.pdf

IPCC (2019) IPCC Special Report on the Ocean and Cryosphere in a Changing Climate Chapter 6. Extremes, Abrupt Changes, and Managing Risk https://www.ipcc.ch/site/assets/uploads/sites/3/2022/03/08_SROCC_Ch06_FINAL.pdf

IPCC (2021) Climate Change 2021: The Physical Science Basis

https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_FullReport.pdf

IPCC AR6 Synthesis Report: Climate Change 2023. <https://www.ipcc.ch/report/sixth-assessment-report-cycle/>

IPCC, 2010. Guidance Note for Lead Authors of the IPCC Fifth Assessment Report on Consistent Treatment of Uncertainties, <https://www.ipcc.ch/site/assets/uploads/2017/08/AR5_Uncertainty_Guidance_Note.pdf – Accessed April 2021>

Ireland's Climate Change Assessment (2023) Volume 1 Climate Science – Ireland in a Changing World
<https://www.epa.ie/publications/monitoring-assessment/climate-change/irelands-climate-change-assessment-volume-1.php>

Ireland's Climate Change Assessment (2023) Volume 1 Climate Science – Ireland in a Changing World

Irish green Building Council – What is embodied carbon? <<https://www.igbc.ie/what-is-embodied-carbon/>>

Met Éireann (2024) Human-caused Climate Change Brings Increased Storm Rainfall <https://www.met.ie/human-caused-climate-change-brings-increased-storm-rainfall>

Met Éireann (2023) 2023 confirmed as Ireland's wettest year on record. <https://www.met.ie/2023-confirmed-as-irelands-wettest-year-on-record>

Met Éireann (n.d) Climate - 30 Year Averages <https://www.met.ie/climate/30-year-averages>

Met Éireann www.met.ie

Nolan, P. 2015. EPA Report: Ensemble of Regional Climate Model Projections for Ireland. EPA climate change research report no. 159. EPA: Wexford.

Nolan, P., and J. Flanagan, 2020: High-Resolution Climate Projections for Ireland – a Multi-model Ensemble Approach. Environmental Protection Agency. <https://www.epa.ie/publications/research/climate-change/Research_Report_339_Part1.pdf>

O'Sullivan, J., Sweeney, C., Nolan, P. and Gleeson, E., 2015. A high-resolution, multi-model analysis of Irish temperatures for the mid-21st century. *International Journal of Climatology*. doi: 10.1002/joc.4419.

Peter Thorne, Jean Boucher, Brian Caulfield, Hannah Daly, Paul Deane, Danielle Gallagher, Liam Heaphy, Deirdre McClean, Shane McDonagh, Jennifer McElwain, Connor McGookin, Abhay Menon, Róisín Moriarty, Conor Murphy, Paul Nolan, Clare Noone, Enda O'Brien, Brian Ó Gallachóir, Tadhg O'Mahony, Tim O'Riordan, Tara Quinn, Agnieszka Stefaniec and Diarmuid Torney, 2023, IRELAND'S CLIMATE CHANGE ASSESSMENT: Synthesis Report. Environmental Protection Agency, Ireland, 36 pp.

Regulation (EU) 2018/842 of the European Parliament and of the Council of 30 May 2018 on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030 contributing to climate action to meet commitments under the Paris Agreement and amending Regulation (EU) No 525/2013 (Text with EEA relevance)

Riahi, K., Rao, S., Krey, V. *et al.* RCP 8.5—A scenario of comparatively high greenhouse gas emissions. *Climatic Change*. 109, 33 (2011). <https://doi.org/10.1007/s10584-011-0149-y>

Róisín Moriarty, Tadhg O'Mahony and Agnieszka Stefaniec, Jean L. Boucher, Brian Caulfield, Hannah Daly and Diarmuid Torney, 2023, IRELAND'S CLIMATE CHANGE ASSESSMENT Volume 4: Realising the Benefits of Transition and Transformation, Environmental Protection Agency, Ireland, 284 pp,

Sachs, J.D., Lafortune, G., Fuller, G., Iablonovski, G. (2025). Financing Sustainable Development to 2030 and Mid-Century. Sustainable Development Report 2025. Paris: SDSN, Dublin: Dublin University Press. DOI: <https://doi.org/10.25546/111909>

Scottish Government (2008). Calculating Carbon Savings from Wind Farms on Scottish Peat Lands

Sustainable Energy Authority Ireland (SEAI) (2022) Energy in Ireland 2022 Report.
<https://www.seai.ie/publications/Energy-in-Ireland-2022.pdf>

Sustainable Energy Authority Ireland (SEAI) (2023) Conversion and Emission Factors for Publication
<https://www.seai.ie/data-and-insights/seai-statistics/conversion-factors/SEAI-conversion-and-emission-factors.xlsx>

Teagasc (2023) Carbon stocks and sequestration in hedgerows. <https://teagasc.ie/news-events/daily/carbon-stocks-and-sequestration-in-hedgerows/>

Teagasc Forestry Carbon Tool <https://interactive.teagasc.ie/Open/ForestryCarbon/ForestryCarbonCalculator>

TII (2020) TII Carbon Assessment Tool (Version 2).

TII Air Quality Assessment of Proposed National Roads – Standard PE-ENV-01107. December 2022. (TII 2022a) <<https://www.tiipublications.ie/library/PE-ENV-01107-01.pdf>>

TII Carbon Tool for Road and Light Rail Projects: User Guidance Document. GE-ENV-01106. December 2022. (TII, 2022d) <<https://www.tiipublications.ie/library/GE-ENV-01106-01.pdf>>

TII Carbon Tool for Road and Light Rail Projects: User Guidance Document. GE-ENV-01106. December 2022. <<https://www.tiipublications.ie/library/GE-ENV-01106-01.pdf>>

TII Climate Assessment of Proposed National Roads – Standard PE-ENV-01105. December 2022 (TII 2022b) <<https://www.tiipublications.ie/library/PE-ENV-01105-01.pdf>>

TII Climate Guidance for National Roads, Light Rail, and Rural Cycleways (Offline & Greenways) - Overarching Technical Document – Overarching Technical Document PE-ENV-01104. December 2022 (TII 2022c) <<https://www.tiipublications.ie/library/PE-ENV-01104-01.pdf>>

Transport Infrastructure Ireland Carbon Tool for Road and Light Rail Projects: User Guidance Document
<https://www.tiipublications.ie/library/GE-ENV-01106-01.pdf>

UNFCCC (1997) Kyoto Protocol to the United Nations Framework Convention on Climate Change adopted at COP3 in Kyoto, Japan, on 11 December 1997

UNFCCC (2012) Doha Climate Change Conference United Nations Framework Convention on Climate Change

United Nations (1998). Kyoto Protocol to the United Nations Framework Convention on Climate Change. United Nations Framework Convention on Climate Change, Bonn.

United Nations (2012). Doha Amendment to the Kyoto Protocol. United Nations Framework Convention on Climate Change.

United Nations (2015) Transforming our World: the 2030 Agenda for Sustainable Development. Available at: <https://sustainabledevelopment.un.org/sdgs>

United Nations (2024). The Sustainable Development Goals Report 2024
von Schuckmann, K.; Palmer, M. D.; Trenberth, K. E. et al. An Imperative to Monitor Earth's Energy Imbalance. *Nature Clim Change* 2016, 6 (2), 138–144. <https://doi.org/10.1038/nclimate2876>.

Wiser, R., Z. Yang, M. Hand, O. Hohmeyer, D. Infield, P. H. Jensen, V. Nikolaev, M. O'Malley, G. Sinden, A. Zervos, 2011: Wind Energy. In IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation [O. Edenhofer, R. Pichs-Madruga, Y. Sokona, K. Seyboth, P. Matschoss, S. Kadner, T. Zwickel, P. Eickemeier, G. Hansen, S. Schlömer, C. von Stechow (eds)], Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

World Meteorological Organization (2025) State of the Global Climate 2024

Noise and Vibration

Guidelines on the information to be contained in Environmental Impact Assessment Reports (EPA, 2022)

BS 5228-1:2009+A1:2014 Code of practice for noise and vibration control on construction and open sites – Noise. (BS5228-1)

Transport Infrastructure Ireland (TII) (formerly National Roads Authority (NRA)) document Guidelines for the Treatment of Noise and Vibration in National Road Schemes (NRA, 2004)

Design Manual for Roads and Bridges, Sustainability & Environment Appraisal LA 111 Noise and Vibration Revision 2 (National England (now National Highways) 2020) (DMRB)

BS 7385 Evaluation and measurement for vibration in buildings – Part 2: Guide to damage levels from groundborne vibration (1993) (BS77385)

BS 5228-2:2009+A1:2014 Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration. (BS5528-2)

Department of the Environment, Heritage and Local Government Wind Energy Development Guidelines

Department of Trade & Industry (UK) Energy Technology Support Unit (ETSU) publication The Assessment and Rating of Noise from Wind Farms (1996) (ETSU-R-97)

Institute of Acoustics (IOA) document A Good Practice Guide to the Application of ETSU-R-97 for the Assessment and Rating of Wind Turbine Noise (2013) including six Supplementary Guidance Notes (IOA GPG)

World Health Organisation (WHO) Environmental Noise Guidelines for the European Region (2018)

ISO 9613: Acoustics – Attenuation of sound outdoors, Part 2: Engineering method for the prediction of sound pressure levels outdoors (2024)

ISO 9613: Acoustics – Attenuation of sound during propagation outdoors, Part 2: General method of calculation (1996)

EPA Guidance Note for Noise Assessment of Wind Turbine Operations at EPA Licensed Sites (NG3) (2011)

EPA Guidance Note for Noise: Licence Applications, Surveys and Assessments in Relation to Scheduled Activities (NG4), 2016 (NG4)

Draft Revised Wind Energy Development Guidelines 2019 Department of Housing, Local Government and Heritage

World Health Organisation (WHO) document Community Noise (WHO, 1995)

South Australian Environment Protection Authority namely, Infrasound levels near windfarms and in other environments (EPA, 2013)

State Office for the Environment, Measurement and Nature Conservation of the Federal State of Baden-Württemberg Low Frequency Noise incl. Infrasound from Wind Turbines and Other Sources (2016)

IOA Noise Working Group (Wind Turbine Noise) Amplitude Modulation Working Group (AMWG) document A Method for Rating Amplitude Modulation in Wind Turbine Noise (IOA, 2016)

RenewableUK AM project (RenewableUK 2013)

Department of Environment Food and Rural Affairs (DEFRA), the Department of Business, Enterprise and Regulatory Reform (BERR) and the Department of Communities and Local Government (CLG) Research into Aerodynamic Modulation of Wind Turbine Noise (2007)

Wind turbine AM review: Phase 2 report. 3514482A Issue 3. Department for Business, Energy & Industrial Strategy (2016)

ISO 1996: 2017: Acoustics – Description, measurement, and assessment of environmental noise.

Landscape and Visual

Department of Arts, Heritage and the Gaeltacht (DAHG), 2015. National Landscape Strategy 2015–2025, 40 pp.

Department of Planning, Housing and Local Government (DoHPLG), 2019. Draft Revised Wind Energy Development Guidelines (WEDGs), 223 pp.

Department of the Environment, Heritage and Local Government (DoEHLG), 2006. Wind Energy Development Guidelines for Planning Authorities (WEDGs), 119 pp.

Environmental Protection Agency of Ireland (EPA), 2022. Guidelines on the Information to be Contained in Environmental Impact Assessment Reports, 90 pp.

Mayo County Development Plan 2022-2028 and its associated appendices.

Landscape Institute, 2019. Visual Representation of Development Proposals: Landscape Institute Technical Guidance Note (LI TGN) 06/19, 60 pp.

Landscape Institute & Institute of Environmental Management and Assessment UK (LI & IEMA), 2013. Guidelines for Landscape and Visual Impact Assessment, Third Edition (GLVIA3), 179 pp.

NatureScot, 2021. Guidance: Assessing the Cumulative Impact of Onshore Wind Energy Developments, includes methodology published in 2012; available online at: <https://www.nature.scot/doc/guidance-assessing-cumulative-landscape-and-visual-impact-onshore-wind-energy-developments>.

Scottish Natural Heritage (SNH), 2002. Visual Assessment of Wind Farms: Best Practice, 79 pp.

Scottish Natural Heritage (SNH), 2014. Visual Representation of Wind Farms: Version 2 (SNH Guidance v.2), 54 pp.

Scottish Natural Heritage (SNH), 2015. Spatial Planning for Onshore Wind Turbines: Natural Heritage Considerations, 21 pp.

Scottish Natural Heritage (SNH), 2017. Siting and Designing Wind Farms in the Landscape, Version 3a (SNH Guidance v.3a), 50 pp.

Scottish Natural Heritage (SNH), 2017. Visual Representation of Wind Farms: Version 2.2 (SNH Guidance v.2.2), 53 pp.

Cultural Heritage

Aalen, F.H.A., Whelan, K. and Stout, M. (eds.) (1997) *Atlas of the Irish Rural Landscape*. Cork: Cork University Press.

Bennett, I. (ed.) (1987-2010) *Excavations: Summary Accounts of Archaeological Excavations in Ireland*. Bray: Wordwell.

Byrne, F.J. (1973) *Irish Kings and High Kings*. Dublin: Four Courts Press.

Cahill Wilson, J. (2014) *Late Iron Age and Roman Ireland*. Discovery Programme Report Series No. 8. Dublin: Wordwell.

Chartered Institute for Archaeologists (2020). *Standard and Guidance for Historic Desk-Based Assessment*.

Culleton E. (ed.) 1999. Treasures of The Landscape; Townland Names by An Tathair Seamas S. De Vaal
Dublin: Trinity College.

Department of Arts, Heritage, Gaeltacht and the Islands (1999a) *Framework and Principles for the Protection of the Archaeological Heritage*. Dublin: Government Publications Office.

Department of Arts, Heritage, Gaeltacht and the Islands (1999b) *Policy and Guidelines on Archaeological Excavation*. Dublin: Government Publications Office.

Dowd, M. and Carden, R.F. (2016) 'First evidence of a Late Upper Palaeolithic human presence in Ireland', *Quaternary Science Reviews*, 139, pp. 158-163.

Downey, D., Downey L., and O'Sullivan M. (2017) *Antiquities of Rural Ireland*. Dublin: Wordwell Books.

Environmental Protection Agency (2022) *Guidelines on the Information to be Contained in Environmental Impact Assessment Reports*. Dublin: Government Publications Office.

Hawkes, A. (2018) *The Archaeology of Prehistoric Burnt Mounds in Ireland*. Oxford: Archaeopress.

MacCotter, P. (2008) *Medieval Ireland: Territorial, political and economic divisions*. Dublin. Four Courts Press.

Mayo County Development Plan (2022-2028).

McErlean, T. (1983) "The Irish townland system of landscape organisation". In Reeves-Smyth, Terence; Hamond, Fred (eds) *Landscape Archaeology in Ireland BAR British Series 116*.

National Monuments Service, Department of Housing, Local Government and Heritage *Sites and Monuments Record*, County Mayo.

National Museum of Ireland *Topographical Files*, County Mayo.

O'Sullivan, A., McCormick, F., Kerr, T.R. and Harney, L. (2014) *Early Medieval Ireland, AD 400-1100: The Evidence from Archaeological Excavations*. Dublin: Royal Irish Academy.

Plummer, C. (1910) *Vitae Sanctorum Hiberniae*. Volume 1. Oxford: Clarendon Press.

Stout, M. (1997) *The Irish Ringfort*. Dublin: Four Courts Press.

Waddell, J. (2022) *The Prehistoric Archaeology of Ireland (New Edition)*. Dublin: Wordwell.

CARTOGRAPHIC SOURCES

William Petty, Down Survey Map of the County of Mayo, c. 1655

Bog Commission Maps, 'Third District of the Eastern Part of the County of Mayo', 1809 – 1814

Ordnance Survey maps of County Mayo, 1839 and 1896.

ELECTRONIC SOURCES

www.excavations.ie – Summary of archaeological excavation from 1970-2026.

www.archaeology.ie – DoHLGH website listing all SMR/RMP sites.

www.heritagemaps.ie – The Heritage Council web-based spatial data viewer which focuses on the built, cultural and natural heritage.

www.geohive.ie – Ordnance Survey Ireland National Townland and Historical Map Viewer (including Aerial imagery 1995, 2000, 2005 and 2013).

www.googleearth.com – Satellite imagery (2005–2026).

www.booksulster.com/library/plnm/placenamesC.php - Contains the text from Irish Local Names Explained by P.W Joyce (1870).

www.logainm.ie – Placenames Database of Ireland, developed by Fiontar (DCU) and The Placenames Branch (DoTCAGSM).

Material Assets

Advice Notes for Preparing Environmental Impact Statements – Draft (EPA, 2015). Dublin: Environmental Protection Agency.

Best Practice Guidelines for the Irish Wind Energy Industry (Irish Wind Energy Association, 2012). Dublin: Irish Wind Energy Association.

DN-GEO-03030, Design Phase Procedure for Road Safety Improvement Schemes, Urban Renewal Schemes and Local Improvement Schemes (Transport Infrastructure Ireland, April 2021).

DN-GEO-03060, Geometric Design of Junctions (Transport Infrastructure Ireland, May 2023).

Draft Air Corps Wind Farm/Tall Structures Position Paper (August 2014).

Department of the Environment, Heritage and Local Government (DoEHLG, 2006) Wind Energy Development Guidelines for Planning Authorities. Dublin: Government Publications Office.

Department of the Environment, Heritage and Local Government (DoEHLG, 2019) Draft Revised Wind Energy Development Guidelines for Planning Authorities. Dublin: Government Publications Office.

Eirgrid (2024) Your guide to understanding electric and magnetic fields (EMFs) in the electricity transmission system

Eirgrid (2018) Power Lines and Your Health

ESB Networks (2019) Code of Practice for Avoiding Danger from Overhead Electricity Lines Dublin: ESB Networks.

ESB (2017) EMF & You: Information about Electric & Magnetic Fields and the Electricity Network in Ireland. Dublin: ESB.

GE-STY-01024, Road Safety Audit (Transport Infrastructure Ireland, December 2017).

Guidelines on the Information to be Contained in Environmental Impact Assessment Reports (EPA, 2022). Dublin: Environmental Protection Agency.

Irish Wind Energy Association (2012) Best Practice Guidelines for the Irish Wind Energy Industry

PE-PAG-02017, Project Appraisal Guidelines, Unit 5.3, Travel Demand Projections (Transport Infrastructure Ireland, October 2021).

PE-PDV-02045, Transport Assessment Guidelines (Transport Infrastructure Ireland, May 2014).

Road Traffic (Construction and Use of Vehicles) Regulations 2003 (S.I. No. 5 of 2003). Dublin: Government Publications Office.

Traffic Signs Manual, Section 8 – Temporary Traffic Measures and Signs for Road Works (UK Department for Transport). URL: <https://tsrgd.co.uk/pdf/tal/2004/tal-2-04.pdf>

Guidance for the Control and Management of Traffic at Roadworks (UK Department for Transport / TSRGD).

Major Accidents & Natural Disasters

Central Statistics Office Ireland. Census of Ireland 2022.

Department of Defence (2020). A National Risk Assessment for Ireland.

Department of Environment, Heritage and Local Government (2010). A Guide to Risk Assessment in Major Emergency Management.

Department of Transport (2010). Guidance for the Control and Management of Traffic at Roadworks – Second Edition.

Northern and Western Regional Assembly. Regional Spatial and Economic Strategy (RSES) 2020-2032.

Western Regional Assembly (2010). Regional Planning Guidelines for the Western Region 2010-2022.

Environmental Protection Agency (May 2022): Guidelines on the Information to be Contained in Environmental Impact Assessment Reports. EPA, Wexford.

Environmental Protection Agency (2014). Guidance on Assessing and Costing Environmental Liabilities.

European Commission (2017). Environmental Impact Assessment of Projects: Guidance on the preparation of the Environmental Impact Assessment Report.

European Union (2014). Directive 2014/52/EU. European Parliament and European Council.

European Union (2011). Directive 2011/92/EU. European Parliament and European Council.

Fáilte Ireland. Available at <https://www.failteireland.ie/>

HSE (2024) Emergency Management Area 2 Crisis Management Team Major Emergency Plan: Covering Geographical Areas of Counties Galway, Mayo and Roscommon)

Irish National Seismic Network. Available at <https://www.insn.ie/>

Irish Statute Book (2005). Safety, Health and Welfare at Work Act 2005 (S.I. No. 10 of 2005).

Irish Statute Book (2000). The European Communities Control of Major Accident Hazards Involving Dangerous Substance Regulations. (S.I. No. 476 of 2000).

Mayo County Development Plan 2022- 2028

Mayo County Council Major Emergency Plan (2021),

Mayo City Council Local Authority Climate Action Plan (LACAP) 2024-2029