

BIBLIOGRAPHY

Introduction

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.

Department of Housing, Planning and Local Government (December 2019) Draft Revised Wind Energy Development Guidelines. 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 (June 2017) Review of the Wind Energy Development Guidelines 2006 – Preferred Draft Approach. DHPLG, Dublin.

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

Environmental Protection Agency (August 2017): Draft 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.

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

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

ESB (2021). Carnsore Wind Farm, Site Information. Accessed via <u>https://www.esb.ie/our-businesses/generation-energy-trading-new/generation-asset-map#carnsore-wind-farm</u> on 21st May 2021.

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

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

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

Background to the Proposed Development

Council of the European Union (2014). 2030 Climate and Energy Policy Framework, Brussels.

Council of the European Union (2009). Directive on the Promotion of the Use of Energy from Renewable Sources (Directive 2009/28/EC), Brussels.

Climate Action Network Europe (2018). Off Target Report, Brussels.

Climate Change Advisory Council (2019). Annual Review 2019, ISBN: 978-1-84095-848-5

Commission for Regulation of Utilities (2018) Enduring Connection Policy Stage 1 (ECP-1). Dublin

Commission for Regulation of Utilities (2019), Grid Connection Policy

Department of Climate Change, Action & Environment (2019). Climate Action Plan 2019

Department of Climate Change, Action & Environment. Renewable Energy Support Scheme

Department of Climate Change, Action & Environment (2018). National Adaptation Framework - Planning for a Climate Resilient Ireland 2018.

Department of Climate Change, Action & Environment (2016). Draft Renewable Electricity Policy and Development Framework.

Department of Climate Change, Action & Environment (2014). National Policy Position on Climate Action and Low Carbon Development.

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

Department of Climate Change, Action & Environment (2018). National Climate Change Adaptation Framework.

Department for Communications, Marine and Natural Resources (2007). Delivering a Sustainable Energy Future for Ireland: The Energy Policy Framework 2007 – 2020.

Department of Communications, Energy & Natural Resources (2015). White Paper on Energy Policy in Ireland 2015-2030, Dublin.

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

Department of Housing, Planning, Community and Local Government (2017). Interim Guidelines for Planning Authorities on Statutory Plans, Renewable Energy and Climate Change.

Department of Housing, Planning, Community and Local Government (2017). Department Circular PL5/2017

Department of Housing, Planning, Community and Local Government (2019) Draft Revised Wind Energy Development Guidelines

Department of Climate Change, Action & Environment. Renewable Energy Support Scheme

Department of Agriculture, Food and Marine. Forest Service Guidelines.

EirGrid (2020) All Island Generation Capacity Statement 2020-2029, Dublin.

Environmental Protection Agency (2019). Irish Climate Futures: Data for Decision-making



European Commission (2010). Europe 2020 Strategy.

European Commission (2011), Energy Roadmap 2050

Environmental Protection Agency (2019). Ireland's Greenhouse Gas Emission Projections 2019-2040.

Government of Ireland (2018). Project Ireland 2040 National Planning Framework

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

Irish Wind Energy Association (2020), Annual Report

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

Southern Regional Assembly, Regional Spatial and Economic Strategy for the Southern Region, 2020

Sustainable Energy Authority of Ireland (2019), National Energy Projections to 2030

Sustainable Energy Authority of Ireland (2019), Energy in Ireland 2019 Report.

Sustainable Energy Authority of Ireland (20200, Report on Energy-related CO2 Emissions in Ireland 2005-2018

Sustainable Energy Authority of Ireland (2020), Renewable Energy in Ireland 2020 Update

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

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

United Nations (2012). Doha Amendment to the Kyoto Protocol

United Nations (2015). COP21 Paris Agreement, Paris.

United Nations (2019). COP25 Climate Change Conference, Madrid.

Wexford County Council, Wexford County Development Plan 2013-2019

Wexford County Council, Draft Wexford County Development Plan 2021-2027

Consideration of Reasonable Alternatives

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

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 (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.



Environmental Protection Agency (2017): Draft Guidelines on the Information to be contained in Environmental Impact Assessment Reports.

ESB (2021). ESB Brighter Future Strategy. Accessed via <u>https://www.esb.ie/tns/brighter-future/sustainability-in-esb</u> on June 15th 2021.

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

Irish Wind Energy Association (2008). Best Practice Guidelines for the Irish Wind Energy Industry

Sustainable Energy Authority of Ireland (April 2013) Methodology for Local Authority Renewable Energy Strategies. RPS, Ireland.

Description of the Proposed Development

Central Statistics Office Ireland (2018). Census Results 2011 & 2016. www.cso.ie

CIRIA Construction Industry Research and Information Association (2006). CIRIA C648: Control of water pollution from linear construction projects -Technical guidance. CIRIA London.

CIRIA Construction Industry Research and Information Association (2001). CIRIA C532: Control of water pollution from construction sites - Guidance for consultants and contractors. CIRIA London.

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

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

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

PPG1 - General Guide to Prevention of Pollution (UK Guidance Note)

PPG5 - Works or Maintenance in or Near Watercourses (UK Guidance Note)

Waste Management Act 1996 as amended

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

Population and 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.



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

Central Statistics Office Ireland (2018). Census Results 2011 & 2016. www.cso.ie

Central Statistics Office Ireland (2012). Census of Agriculture 2010 Detailed Results. www.cso.ie

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

Department of Communications, Climate Action and Environment (2019) Climate Action Plan (CAP).

Department of the Environment, Heritage and Local Government (2007). National Climate Change Strategy 2007 – 2012. Stationery Office, 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, 2017.

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

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

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

Fáilte Ireland (2012). Visitor Attitudes on the Environment - Wind Farms. www.failteireland.ie

Environmental Protection Agency (2017). Draft Guidelines on the Information to be Contained in Environmental Impact Statements. EPA, Wexford.

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

HSE Public Health Medicine Environment and Health Group (2017) Position Paper on Wind Turbines and Public Health. Ireland.

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

Irish Wind Energy Association (January 2020) Interactions Opinion Poll on Wind Energy. 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 (2009). Jobs and Investment in Irish Wind Energy – Powering Ireland's Economy. Deloitte, Ireland

IWEA (2009) Jobs and Investment in Irish Wind Energy - Powering Ireland's Economy'



Lawrence Berkley National Laboratory (2013). The Impact of Wind Power Projects on Residential Property Values in the United States: A multi-Site Hedonic Analysis. US Department of Energy

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

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).

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

Pőyry (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.

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

Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005);

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

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

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

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.

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

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

Environmental Protection Agency (August 2017): Draft Guidelines on the Information to be Contained in Environmental Impact Assessment Reports. EPA, Wexford.

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

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

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

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



Carnsore Point Windfarm Environmental Impact Statement (1999/2000).

CEC (Commission of the European Communities) (2013) Interpretation manual of European Union Habitats EUR28. European Commission, DG Environment.

CIEEM (2018) *Guidelines for Ecological Impact Assessment in the UK and Ireland*. Chartered Institute of Ecology and Environmental Management, Winchester, UK.

CIEEM (2020) Survey guidance pertaining to Covid 19. <u>https://cieem.net/i-am/covid-19/</u> [Accessed online 09/072021].

Collins, J. (ed.) (2016) *Bat Surveys for Professional Ecologists: Good Practice* Guidelines (3rd edn.). The Bat Conservation Trust, London.

Fossitt, J.A. (2000) A Guide to Habitats in Ireland. Heritage Council, Kilkenny.

Hopkins JJ, Allison HM, Walmsley CA, Gaywood M, and Thurgate G., (2007) *Conserving biodiversity in a changing climate: guidance on building capacity to adapt.*

Irish national Bat database. http://maps.biodiversityireland.ie/#/DataSet/128. [Accessed online 09/062021].

Kelleher, C. & Marnell, F. (2006) *Bat Mitigation Guidelines for Ireland. Irish Wildlife Manuals*, No. 25. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin, Ireland

Lundy, M.G., Aughney, T., Montgomery, W.I., & Roche, N., (2011) *Bat habitat suitability index Landscape conservation for Irish bats & species specific roosting characteristics.* Bat Conservation Ireland.

National Parks and Wildlife Service Web based information on Natural Heritage Areas Online <u>https://www.npws.ie/protected-sites/nha</u>. [Accessed online 09/062021].

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

NRA (2009) Guidelines for Assessment of Ecological Impacts of National Roads Schemes: Revision 2. National Roads Authority.

Scottish Natural Heritage (2018) Assessing the impact of repowered wind farms in nature Consultation draft – June 2018.

Smith, G.F., O'Donoghue, P., O'Hora, K. & Delaney, E. (2011) *Best Practice Guidance for Habitat Survey and Mapping*: The Heritage Council Church Lane, Kilkenny, Ireland.

Ornithology

Adamson, J. (2003). Ornithological Monitoring at Carnsore Point Windfarm and Environs (2003). A report to Hibernian Wind Power.

Birds Directive (2009/47/EC) - http://ec.europa.eu/environment/nature /legislation/birdsdirective /index _en.htm

Bird Watch Ireland (1998) Tern Movements around Carnsore Point. Conservation Report No.98/3

Bird Watch Ireland (1999) Ornithological Monitoring at Carnsore Point. Conservation Report No.99/7



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

Collins, J. (ed.) (2016) Bat Surveys for Professional Ecologists: Good Practice Guidelines (3rd edn.). The Bat Conservation Trust, London.

ColhounK. & Cummins, S. (2013). Birds of Conservation Concern in Ireland 2014 - 2019. Birdwatch Ireland.

Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora (Habitats Directive) and Directive 2009/147/EC (codified version of Directive 79/409/EEC as amended) (Birds Directive) – transposed into Irish law as European Communities (Birds and Natural Habitats) Regulations 2011 (SI 477/2011).

Daly, D. (2002) Technical Note Update to Bird Monitoring at Carnsore Point Windfarm

Daly, D. (2004). Ornithological Monitoring at Carnsore Point Windfarm and Environs (2004). A report to Hibernian Wind Power, by Dave Daly.

Daly, D. (2005) Ornithological Monitoring at Carnsore Point Windfarm and Environs (2005). A report to Hibernian Wind Power.

Daly, D., Wilson, C.J. & Murray, T. (2011) Lady's Island Lake Tern Report 2011. Department of Arts, Heritage and the Gaeltacht. Online (<u>https://www.npws.ie/sites/default/files/publications/pdf/Ladys%20Island%20Lake.pdf)</u> accessed 14/06/2021.

Daly, D., Daly, L. & Murray, T. (2012) Lady's Island Lake Tern Report 2012. Department of Arts, Heritage and the Gaeltacht. Online

(https://www.npws.ie/sites/default/files/publications/pdf/Daly_et_al_2012_Lady_island_lake_tern.pdf). accessed 14/06/2021.

Daly, D., Murphy, B. & Murray, T. (2016) Lady's Island Lake Tern Report 2016. Department of Arts, Heritage and the Gaeltacht. Online

(https://www.npws.ie/sites/default/files/publications/pdf/Lady's%20Island%20Tern%20Report%202016_0.pdf). accessed 14/06/2021.

EPA (2003). Advice Notes on Current Practice (in the preparation of Environmental Impact Statements). By CAAS Environmental Services, on behalf of the Environmental Protection Agency (EPA).

EPA (2002). Guidelines on the Information to be Contained in Environmental Impact Statements. By CAAS Environmental Services, on behalf of the Environmental Protection Agency (EPA).

ESB International (2000) Carnsore Point Windfarm Environmental Impact Statement).

Gilbert G, Stanbury A and Lewis L (2021) Birds of Conservation Concern in Ireland 2020 – 2026 Irish Birds (: 523-544)

Irish wetland birds (IWeBs). Online <u>https://birdwatchireland.ie/our-work/surveys-research/research-surveys/irish-wetland-bird-survey/</u> (Accessed 08/06/2021).

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

National Parks and Wildlife Service Web based information on Natural Heritage Areas Online https://www.npws.ie/protected-sites/nha. (Accessed 09/062021).

RSK (2021) (2020) Carnsore Windfarm Summer Bird Report (2020) report For ESB International.



RSK (2021) (2020) Carnsore Windfarm Winter Bird report from RSK For ESB International

RSK (2021) Carnsore Windfarm Appropriate Assessment Screening Report for ESB International limited.

Scottish Natural Heritage (SNH) guidance Assessing the impact of repowered wind farms in nature (Consultation draft) (SNH 2018

SNH (2017) Recommended bird survey methods to inform impact assessment of onshore wind farms.

SNH (2028) Guidance: Assessing the impact of repowered wind farms in nature Consultation draft (SNH 2018).

Varty, N. & Tanner, K. (2009) Background Document for Roseate tern *Sterna dougallii*. OSPAR Commission. https://www.ospar.org/documents?v=7180

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 (August 2017): Draft 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.

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

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

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

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

Transport Infrastructure Ireland (TII) (formerly National Roads Authority (NRA)) (2008) Guidelines on Procedures for Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes.

Hydrology and Hydrogeology

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

CIRIA, 2006: Control of Water Pollution from Construction Sites - Guidance for Consultants and Contractors. CIRIA C532. London, 2006.

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



EPA (2017) Guidelines on the Information to be Contained in Environmental Impact Assessment Reports – Draft.

EPA (September 2015): Draft - Advice Notes on Current Practice (in the preparation on Environmental Impact Statements) where relevant.

EPA (September 2015): Draft – Revised Guidelines on the Information to be Contained in Environmental Impact Statements where relevant.

EPA, 2003: Advice Notes on Current Practice (in the preparation on Environmental Impact Statements) where relevant.

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

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

TII, 2005: Guidelines on Procedures for Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes, (National Roads Authority, NRA, 2005).

PPG1 - General Guide to Prevention of Pollution (UK Guidance Note).

PPG5 - Works or Maintenance in or Near Watercourses (UK Guidance Note).

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.

Air and Climate

Burck et al., 2020 Results 2020. Climate Change Performance Index. New Climate Institute, Bonn.

Climate Action Network Europe (2018). Off Target Report, Brussels.

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 Communications, Climate Action and Environment (2019) Climate Action Plan (CAP).



Department of the Environment, Heritage and Local Government (2004). Quarries and Ancillary Activities, Guidelines for Planning Authorities.

Department of the Environment, Heritage and Local Government (2006). Best Practice Guidelines on the Preparation of Waste Management Plans for Construction & Demolition Projects.

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

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

Department of Public Expenditure and Reform (2018) National Development Plan 2018-2027. Dublin.

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

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

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

European Environment Agency (2019) Air Quality in Europe - 2019 Report. European Environment Agency, Denmark.

European Environment Agency (2018). Air Quality in Europe – 2018 Report. European Environment Agency, Denmark.

Environmental Protection Agency (2019) Air Quality in Ireland 2018. EPA, Ireland.

Environmental Protection Agency (June 2019) Ireland's Greenhouse Gas Emissions Projections 2018-2040. EPA, Ireland.

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

Environmental Protection Agency (2017). Irelands Environment 2017 - As Assessment. EPA, Wexford.

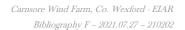
Eurostat (2018), Smarter, greener, more inclusive? Indicators to Support the Europe 2020 Strategy. European Union, Luxembourg.

Met Éireann www.met.ie

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

United Nations (2012). Doha Amendment to the Kyoto Protocol. 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.





Noise and Vibration

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

BS 7385-2:1993 Evaluation and measurement for vibration in buildings. Guide to damage levels from groundborne vibration

Guidelines for the Treatment of Noise and Vibration in National Road Schemes (NRA, 2004).

Wexford County Council – Wind farms noise report – RPS – Assessments of Gibbet Hill, Knocknalour, Ballycadden, Ballynancoran. https://www.wexfordcoco.ie/news/2017/07/14/wind-farms-noise-report

Department of Environment, Community and Local Government (DECLG), Wind Energy Development Guidelines 2006

Institute of Acoustics (IOA) Good Practice Guide (GPG) to the Application of ETSU-R-97 for the Assessment and Rating of Wind Turbine Noise (2013) with Supplementary Guidance Notes 1 - 6.

ETSU-R-97 The Assessment and Rating of Noise from Wind Farms

WHO Environmental Noise Guidelines for the European Region (2018) <u>https://www.euro.who.int/en/health-topics/environment-and-health/noise/publications/2018/environmental-noise-guidelines-for-the-european-region-2018</u>

Section 108 of the EPA Act No. 7 of 1992.

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

Draft Revised Wind Energy Development Guidelines - December 2019

ISO 1996-2 third Edition 2017 Acoustics - Description, measurement and assessment of environmental noise – Part 2: Determination of sound pressure levels

ISO/PAS 20065:2016 Acoustics – Objective method for assessing the audibility of tones in noise – Engineering method

BS 4142:2014+A1:2019. Methods for rating and assessing industrial and commercial sound.

INSTITUTE OF ACOUSTICS - IOA Noise Working Group (Wind Turbine Noise) - Amplitude Modulation Working Group - Final Report - A Method for Rating Amplitude Modulation in Wind Turbine Noise

South Australia Wind farms environmental noise guidelines https://www.epa.sa.gov.au/files/47788_windfarms.pdf

Denmark Statutory Order on noise from wind turbines <u>https://eng.mst.dk/air-noise-waste/noise/wind-turbines/</u>

Ontario Noise guidelines for wind farms https://www.ontario.ca/page/noise-guidelines-wind-farms#section-4

WEDG Consultation Response (Noise) - 19th February 2020 - Public consultation on the revised wind energy development guidelines

 $https://www.dickbowdler.co.uk/content/publications/wedg_consultation_joint_response_r0.pdf$

Defra NANR233 - Research into Aerodynamic Modulation of Wind Turbine Noise: Final report https://usir.salford.ac.uk/id/eprint/1554/1/Salford_Uni_Report_Turbine_Sound.pdf

South Australia Environmental Protection Agency - Infrasound levels near windfarms and in other environments https://www.epa.sa.gov.au/files/477912_infrasound.pdf



Infrasound Does Not Explain Symptoms Related to Wind Turbines - Panu Maijala, Anu Turunen, Ilmari Kurki, Lari Vainio, Satu Pakarinen, Crista Kaukinen, Kristian Lukander, Pekka Tiittanen, Tarja Yli-Tuomi, Pekka Taimisto, Timo Lanki, Kaisa Tiippana, Jussi Virkkala, Emma Stickler, Markku Sainio. https://www.semanticscholar.org/paper/Infrasound-Does-Not-Explain-Symptoms-Related-to-Maijala-Turunen/8d34db81eb3ba909ea1fb725d71d5eb18cf2cdaa#references

Aagaard Madsen, H. (2010). Low frequency noise from wind turbines mechanisms of generation and its modelling. Journal of Low Frequency Noise, Vibration and Active Control, 29(4), 239-251. DOI: 10.1260/0263-0923.29.4.239

DEFRA NANR45 Procedure for the assessment of low frequency noise disturbance Moorhouse, AT, Waddington, DC and Adams, MD <u>http://usir.salford.ac.uk/id/eprint/493/1/NANR45-procedure_%20rev1_23_12_2011.pdf</u>

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

ISO/TR 17534-3:2015 Acoustics – Software for the calculation of sound outdoors – Part 3: Recommendations for quality assured implementation of ISO 9613-2 in software according to ISO 17534-1

International Standard ISO 9613-2, 1996, Acoustics – Attenuation of sound during propagation outdoors, Part 2: General method of calculation

Comparison of predicted and measured wind farm noise levels and implications for assessments of new wind farms - Tom Evans and Jonathan Cooper Troston Loch Wind Farm EIAR - https://www.edf-re.uk/our-sites/troston

Archaeological and Cultural Heritage

Architectural Heritage Guidelines for Planning Authorities (2011)

Bennett, I. (ed.) Excavations.ie, database of Irish excavation reports. Available at http://www.excavations.ie.

Department of Arts, Heritage, Gaeltacht and the Islands, 1999, Framework and Principles for the Protection of the Archaeological Heritage, 1999.

Guidelines on the information to be contained in Environmental Impact Statements, EPA 2017.

McLoughlin, C. 2018, Report on St. Vogue's Church, Carnsore Point, Co. Wexford. Monument ref: WX053-035002, ITM: E711990 N604074

Wexford County Development Plan 2013-2019

Guidance on Setting and the Historic Environment, Historic Environment Division, February 2018

Record of Monuments and Places (RMP) for County Wexford

1st Edition 6 inch OS maps (1835)

2nd Edition 25 inch OS maps (1903)

Historic Environment Viewer archaeology.ie

www.excavations.ie



www.logainm.ie

Landscape and Visual

Cumulative Impact of Wind Turbines on Landscape and Visual Amenity. Carmarthenshire County Council (2013)

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 for Planning Authorities. DoEHLG, Dublin.

Department of the Environment and Local Government, 2000 Landscape and Landscape Assessment: Consultation Draft of Guidelines for Planning Authorities' DoEHLG, Dublin.

Landscape Institute (2017) Visual Representation of Development Proposals. Guidance Note 02/17. London, UK.

Landscape Institute (2011) Photography and photomontage in landscape and visual impact assessment. Advice Note 01/11. London, UK.

The Landscape Institute/Institute of Environmental Management and Assessment, UK, (2013). Guidelines for Landscape and Visual Impact Assessment.

Scottish Natural Heritage (2017) Siting and Designing Wind Farms in the Landscape, Version 3a. SNH, Stirling, UK.

Scottish Natural Heritage (2017) Visual Representation of Wind Farms: Version 2.2 SNH, Stirling, UK.

Scottish Natural Heritage (2015) Spatial Planning for Onshore Wind Turbines – natural heritage considerations. SNH, Stirling, UK.

Scottish Natural Heritage (2012) Assessing the Cumulative Impact of Onshore Wind Energy Developments. SNH, Stirling, UK.

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

Material Assets

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.

Department of Housing, Planning and Local Government (December 2019) Draft Revised Wind Energy Development Guidelines. 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 (June 2017) Review of the Wind Energy Development Guidelines 2006 – Preferred Draft Approach. DHPLG, Dublin.

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

TII (2011). Project Appraisal Guidelines, Unit 5.5 Link Based Traffic Growth Forecasting. TII, Dublin.

TII (2011). NRA TD 41-42/11 Geometric Design of Major/Minor Priority Junctions and Vehicular Access to National Roads. TII, Dublin.

TII (2007). Traffic and Transport Assessment Guidelines. TII, Dublin.

TII (2003). Future Traffic Forecasts, 2002 to 2040. TII, Dublin.

TII (May 2019) Project Appraisal Guidelines for National Roads Unit 5.3 – Travel Demand Projections PE-PAG-02017, Transport Infrastructure Ireland.

TII (October 2016) Project Appraisal Guidelines for National Roads Unit 5.2 – Data Collection PE-PAG-02016, Transport Infrastructure Ireland.

TII (May 2014) Traffic and Transport Assessment Guidelines PE-PDV-02045. Transport Infrastructure Ireland.