Site Name: Barroughter Bog SAC 000231

County: Galway

## Site Specific Conservation Objective (SSCO) Ecological Attributes

## 7110 Active raised bogs\*

- 1 Habitat Area
- 2 Habitat Distribution
- 3 High Bog Area
- 4.1 Hydrological regime water levels
- 4.2 Hydrological regime flow patterns
- 5 cutover
- 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland
- 6.2 Vegetation quality: microtopographical features
- 6.3 Vegetation quality: bog moss (Sphagnum) species
- 7.1 Typical ARB species: flora
- 7.2 Typical ARB species: fauna
- 8 Elements of local distinctiveness
- 9 Negative physical indicators
- 10.1 Vegetation composition: native negative indicator species
- 10.2 Vegetation composition: nonnative invasive species
- 11 Air quality: nitrogen deposition
- 12 Water quality

## Site Specific Conservation Objective (SSCO) Ecological Attributes

	The long-term aim for Degraded raised bogs still capable of natural
	regeneration is that its peat-forming capability is re-established; therefore,
7120	the conservation objective for this habitat is inherently linked to that of
	Active raised bogs (7110) and a separate conservation objective has not been
	set in Barroughter Bog SAC 000231.
	Depressions on peat substrates of the Rhynchosporion is an integral part of
	good quality Active raised bogs (7110) and thus a separate conservation
7150	objective has not been set for the habitat in Barroughter Bog SAC 000231.

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No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
1	1. Habitat sens, 2. Habitat Direktosion, 3. High Biog Area, 4.1 Hydrodogical regime— where levels, 4.2 Hydrodogical regime— flow patterns, 5. Transilstonal areas between high bog and adjacent mireral solds (including custower sens), 6.1 Vegetation qualify: certoid ecotype, active flows, bogs woodland, 6.2 qualify: bog most Splagmunl species, 7.1 Yipical ARB species floor, 2.7 Yipical ARB species floor, 2.7 Yipical ARB species floor, 2.7 Yipical ARB species floor, 2.6 Years by the Visit Ariantics, 10.1 Vegetation composition, ranker engative indicator species, 10.2 Vegetation composition, ranker levisles species, 11.2 Veter qualify.	POLO Traingse (mixed or unknown drivers)	High	MRIG Menage change in professional and coastal yelens and regime for construction and development (incl. restoration of habitats).	Statutory	Regulation controlling development including associated drainage.	5.1.90.500/2001: Planning and Development, Besclations 2001, as amended	Local Authority (Galvery County Council) (An Bord Pleanals (ABP)	2001+	All government plans and policy documents are cognisated of these protections
2	Habitat area. 2. Habitat Distribution, 3. High Bog Area. 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transilstonal areas between high bog and adjacent mineral solis (modding cutowerse), 6.1 Vegetation qualify: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation qualify: incrincotropopsiphic flatters, 6.3 Vegetation qualify sogn moss (Sphagrumn) process, 7.1 Vypical ARB species: distributions 9.5 Septime physical inclination, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 12 Water qualify	PLOZ Drainage (mixed or unknown drivers)	High	MIGB Manage changes in hydrodycical and coastal yethers and regime for construction and development (incl. restoration of habitats).	Statutory	Consent required for works on, or alterations to the banks, bed or flow of a drain watercourse or waterbody, if not covered by other regulations.	European Intent Habitats (Barmuether Ros Social Area of Conservation 000231) Regulations 2023	Department of Housing, Licial Government and Heritage (DHLCH) (Nestional Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognizant of these protections
3	L Habitat area, 2. Habitat Detrotucion, 3. High Bog Area, 4.1 Hydrodiogical regime - water levels, 4.2 Hydrodiogical regime - water levels, 4.2 Hydrodiogical regime - flow patterns, 5. Transitional areas between high bog and adjectent invieral solic florading cutore reseal, 6.1 Vegetation qualify: recental ecotype, active flienth, soaks, bog woodland, 6.2 Vegetation qualify: hor gross; 6.1 Hydration qualify bog moss (Sphagnum) species, 7.1 Typical Affis species flows, 6.2 Hydration (2014) and process results of local distinctionsens 3. Negative physical indications, 10.1 Vegetation composition results are graphs enducine one, 12.1 Vegetation composition results are species, 12.1 Vegetation qualify.	PLOZ Drainage (mixed or unknown drivers)	High	MIGB Manage change in hydrodycical and coastal yethers and regime for construction and development (incl. restoration of habitats).	Statutory	Consent required for drainage works including diagring, desproving, with original drain, watercourse or waterbody) if not covered by other regulations.	European Union Habitats (Barrouether Ros Special Area of Conservation 000231) Regulations 2023.	Department of Hosaing, Local Government and Heritage (DHLGH), National Parks and Wildlife Service (NPWS)	1997=	All government plans and policy documents are cognizant of these protections
4	1. Habitat area, 2. Habitata (Isrirbitation, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transillonal areas between high bog and adjecent mineral solic floudrige; cutower sera, 6.1 Evegetation qualify: neimotropographical features, 6.3 Vegetation qualify incrincotropographical flearts, 6.3 Vegetation qualify bog moss (Epihagrumi) species, 7.1 Hydrac Aff 88 species, 7.2 Hydrac Aff 80 species, 7.2 Westerns, 10.3 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 12 Water quality	PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural drainage and water abstraction (incl. her restoration of drained or hydrologically altered habitats).	Statutory	Consent required for new land drainage and irrigation works on lands used for agriculture.	S.L.No. 456/2011 EC EM (Agricultural Ress. 2011, 2s amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
5	1. Nabitat area, 2. Habitat (bruthotion, 3. High Rep Area, 4.1 Hydrodiogical regime - water levels, 4.2 Hydrodiogical regime - flow patterns, 5. Transiltional areas between high bog and adjacent mineral solis (hudding cutower seen), 6.1 Vegetation quality: central ecopyse, active flush, soaks, bog woodland, 6.2 squality: bog most (Shapirum) species. 7.1 Yepical ARB species: Rosa, 7.2 Typical ARB species: Rosa, 8. Elements of local districtionensis 9. Surget (spike) publication (spike) publication (spike) (spik	PA22 Drahnage for use as agricultural land	High	MA33 Manage agricultural drainage and water abstraction (onk the restoration of drained or hydrologically altered habitats)	Administrative	Solonioning and reporting of relevant form activity at the SAC. Direct imperations for Dahlo Conditionality complete or via other state Authorities (via Cross Reporting) to Integrated Controls Division in OARM.	OAFM BISS Conditionality Farm inspections - NPWS, Conservation Rager Ste monitoring, (Cross, Compliance)	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognitized of these protections
6	1. Habitat ress, 2. Habitat Dorivitation, 3. High Bog Arm, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - water levels, 4.2 Hydrological regime flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (hudding cutow rean), 6.1 Vegetation quality central ecotype, active flush, soaks, bog woodland, 6.2 was also also also also also also also al	PCOS Peat Extraction	Medium	MCD1.Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Cession of Turf Cuting Compensation Scheme (CTCS) incombines the centrol feet and testion cuting with making but so scheme (CTCS) incombines the centrol feet affection cuting within reade logs SACs, 23 plots cut within the SAC site, (101 participants in the CTCS)	Turf Cutting Compensation Scheme.	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2011+	Sational Peetland Stategy
7	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent miterials follow flouding customers, 6.1 Usegetation quality-incrotroparphical features, 6.3 Vegetation quality- incrotroparphical features, 6.3 Vegetation quality- beginning period. "Typical ARB species floor, 2.7 Pyrical ARB species floor, 2.7 Pyrical ARB species floor, 2.6 Vegetation, 5.0 Li Vegetation of the control of th	PCOS Peat Extraction	Medium	MCDI Adapt/Imanage estraction of non-energy resources	Contractual/Administrative	The Vehicutan Righ Purchase Scheme Exciliates the state purchase of loop landfulurahy Purchase Scheme Collision of Urbary purchased and 64.67 Acres of Freehold purchased in 23 transactions	Voluntary Boy Purchase Scheme.	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2022+	Sational Raised Ring SAC Management Plan 2017 2022.

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8	A Habitat Java, 2. Habitat Distribution, 3. High Rip Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral loss (Including cutower sees), 6.1 Vegetation quality: central excitype, active fluids, soaks, bog woodland, 6.2 quality, bog most obligation propriets, 7.1 Yepical ARB species: Ron, 2.7 Yepical ARB species: Ron, 2. Elements of local districtioners 5.9 Register byte/sical indicator, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 12 Water qualify	Pub Pen Liración	Medium	MCDI. Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Protected Raised Bog Restoration Incentive Scheme facilitates the restoration of lards within the SAC. 4 participants under this scheme within this SAC.		Department of Housing, Local Conversioned and Conference (HULGH) National Parks and Wildlife Service (NPWS)		Sattonal Pestland Strategy
9	1. Hebitat sees, 2. Hebitat Distribution, 3. High Beg Arm, 4.1 Mydrological regime - water levels, 4.2 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral Sois floudings cutver areas, 6.2 Hygestation qualify: central ecotype, active Bitaly microtogographical features, 6.3 Vegetation qualify: bog most Sphapmany speces, 7.2 Typical ARB species: floor, 7.3 Typi	PB01 Conversion to forest from other land uses, or afforestation (excluding drainage)		MBDI. Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation.	Statutory	locations and land types of afforestation projects are limited e.g. Ferestry constrained to soils with peat depth of 36cm or less.	Licensing procedure via forestry. Regulations 2017 (S.I. No. 193 of 2017), as amended.	Department of Agriculture Food and Marine (DAPM)/Forestry Division	2017+	National Biothernity Action Plan
10	Habitat rene, 2. Habitat Distribution, 3. High Beg Area, 4.1 Hydrological regime - weater levels, 4.2 Hydrological regime flow patterns, 5. Transitional areas between high bog and adjacent mineral solic floudings cutower seral, 6.1 Vegetation quality: central ecotype, active flish, soaks, bog woodland, 6.2 Vegetation quality: incorropoperphile factures, 6.3 Vegetation quality: hogge moss (Sphagnum) species, 7.1 Typical ABB species: Bog, 7.2 Typical ABB species: Samp, 6. Heemets of local districtiveness 5. Negative physical indicators, 10.1 Vegetation composition: canter engative indicator species, 10.2 Vegetation composition: raise regative indicator species, 10.2 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: native invasive species, 12.2 Water quality	9801 Conversion to forest from other land uses, or afforestation (excluding drainage)		MB0.1 Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Convent required for the planting of trees or multi-annual bioenergy cops if not covered by Forestry Regulations.	European Union Habitats (Barmouther Bos Social Area of Conservation 000231) Regulations 2023	Department of Housing, Local Government and Heringa (BHIGN) National Parks and Wildlife Service (NPWS)	2002+	National Postland Strategy
11	1. Nishtar see, 2. Habitat Distribution, 2. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soli (including cutower areas), 6.1 Vegetation quality: central ecotype, active flinth, soaks, bog woodlands, 6.2 Vegetation quality: microtopographical features, 6.2 Vegetation quality: microtopographical features, 6.2 Vegetation quality: bog moss [polymamin] species. 2.1 A Typical Alla species files, 7.2 Typical National Section (Section 1) Vegetation composition: native negative flicators species, 10.2 Vegetation composition: nonastive invasive species, 11. Air quality: nitrogen deposition, 22 Water quality	PCOS Peat Extraction	Medium	MIGB Manage change in hydrological and coastal years are represented in the construction and development (incl. restoration of habitats).	Contractual/Administrative	The heatends and Natura Community Engagement Scheme encourage communities, color againstance in other parties to become involved in the enhancement of the SAC site and raise awareness.	Peatlands and Natura Community Engagement Scheme	Department of Hossing, Lord Government and Herring (DHIGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog-SAC Management Plan 2017-2022.
12	1. Höbbit stew. 2. Höbbit Distribution. 3. High Bog Area. 4.1 Hydrological regime - water levels. 4.2 Hydrological regime - water levels. 4.2 Hydrological regime flow patterns, 5. Transitional areas between high bog and adjacent mineral soli (including cutower areas), 6.1 Vegetation qualify: central ecotype, active flitaly: microtopographical features, 6.3 Vegetation qualify: bog moss [chiquamya speces, 7.3 Typical ARI speces: franz, 7.2 Typical ARI speces: franz, 7.3 Libernation of local distinctiveness, 3. Assistance of the control of th	All Threats and Pressures		M/OI Implement climate change miligation measures	Administrative	Aroustines of actions to sistin in the achievement of climate change objectives by no later than the end of the year 2050.	trelands Climate Action Plan 2024	All Government Departments	2024+	All government policies are cognisant of this plan.
13	1. Nebbiet area, 2. Heibret (Derivation), 3. High Beg Area, 4.1 Hydrological regime - west levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (Including cutower areas), 6.1 Vegetation quality: entire objects, and the solid patterns areas, 1.2 Typical ARB species. Entry, 2.7 Pipical ARB species. Entry, 1.2 Typical AR	All Threats and Pressures		M603 Retoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorised offices to stakeholders.	NBYS, Sceneration Basers network and Regional Natassement applicate as Authorized Offers under EC Birds and Natural Habitats Rogs, 2011, as amended.	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	1997+	Climate Action and Low Carlson Development. [Amendment] Act 2021
14	1. Hobbits area, 2. Hobbits (Distribution), 3. High Bog Area, 4.1 Hydrological regime water levels, 4.2 Hydrological regime flow patterns, 5. Transitional areas between high bog and adjacent mineral soli (Including cutower areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodlands, 6.2 Vegetation quality: microtogorgaphical feature, 6.3 Vegetation quality: polymorphic processing of the processing	All Threats and Pressures		MBOL Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation (semi-) natural forests into intensive forest plantation	Statutory	Flanting of trees or multi-annual bloenergy crops if not covered by the Forestry regulations.	European Union Habitats (Barrousther Box Special.     Area of Conservation 000231) Regulations 2023	Department of Hosning, Local Government and Herring (DHLGN)/ National Parks and Wildlife Service (NPWS)	1997+	National Peatland Strategy

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15	1. Hobitot area, 2. Hobitot Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional area between high bog and adjacent mineral colis (including cutore) areas, 16. 1 Vegetation quality: central ecopys, active flush, micrologogy patient florations, 6.3 Vegetation analytic year ones (Sphagnami spories, 7.1 Typical ARB species: Rona, 7.2 Typical ARB species: Rona, 8. Elements of Good districtiveness, 9. Negative physical indicators, 0.1 Vegetation composition: normative regative indicators species, 10.2 Vegetation composition: normative invasive species, 11. Air quality: nitrogen deposition, 12 Word quality.	All Threats and Pressures		MAIOS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent required for furning, topping, clearing scrob or rough vegetation or reseeding if not covered by other regulations.	Europeen Union Hollats (Burroughter Box Special Areas of Conservation 0002311 Regulations 2021	Pepartment of Housies, Local Government and Hentiage (DHEM!) National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections.
16	Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - gene water levels, 4.2 Hydrological regime - gene water levels, 4.2 Hydrological regime - gene water, 4.2 Hydrological regime - gene water, 5.1 Hydrological regime - gene water, 5.1 Hydrological regime - gene water, 5.1 Hydrological regime - gene water, 5.2 Hydrological regime - gene water, 5.2 Hydrological regime - gene	All Threats and Pressures		MADS Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	SJ. No 286 of 2009 Waste Management (Prohibition of Waste Disposal by Burning) Regulations 2009	Department of the Environment, Climate and Communications following consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996
17	1. Mabitat area, 2. Habitat Distribution, 3. High Bop, Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutore areas), 6. 1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss [briggmann] sorgers, 7.3 Typical ARB species: floars, 8. Elements of local distinctiveness, 9. Authorized the species of the control of the	All Threats and Pressures		MADS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restricted destruction of vegetation on uncultivated land.	Wildlife Act 1976 as amended	Department of Housing, Local Government and Heritage (DNLGH) National Parks and Wildlife Service (NPWS)	1976	Wildlife Act 1976
18	1. Habitat area, 2. Habitat Distribution, 3. High Bop Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutower areas), 6.1 Vegetation quality: central ecotype, active flush, tooks, bog woodland, 6.2 Vegetation quality: microtogogaphical features, 6.3 Vegetation quality: bog moss (physical results), 2.3 Typical Alla Species, from 2.7 Typical Alla Sp	All Threats and Pressures		MC02 Adapt/manage exploitation of energy resources	Administrative	The publication of a Restoration Plan for this Site	Barroughter Bog SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/ National Parts and Wildlife Service (NPWS)	2017+	National Peatland Strategy
19	1. Habitat area, 2. Habitat Distribution, 3. High Bop Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutower areas), 6.1 Vegetation quality: central ecotype, active flush, tooks, bog woodland, 6.2 Vegetation quality: microtogogaphical features, 6.3 Vegetation quality: bog moss (physical results), 2.3 Typical Alla Species, from 2.7 Typical Alla Sp	All Threats and Pressures		MRIGE Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Control of activities, if not covered by other regulations which could negatively impact on Barroughter Bog SAC.	European Union Halbata (Burroughter Box Special Area of Conservation 0002331 Regulations 2023	Department of Housing, Local Government and Heritage (DHLCH)/ National Parks and Wildlife Service (NPWS)	1997=	All government plans and policy documents are cognisant of these protections.

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