Site Name: Killyconny Bog (Cloghbally) SAC 000006

County: Cavan/Meath

## 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	Transitional areas between high bog and adjacent mineral soils (including cutover areas)
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

## The long-term aim for degraded raised bogs still capable of natural regeneration [7120] The long-term aim for degraded raised bogs still capable of natural regeneration is that its peat-forming capability is re-established; therefore, 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 Killyconny Bog SAC.

2025 1

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)		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 area, 2. Habitat Distribution, 3. High Rog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjustent mierat look flowdings cutor series, 6.2 Vegetation, 4.6.1 equality central excipte, active flowds, societo, bog woodland, 6.1 and properties of the control of the contro	PI02 Drainage (mixed or unknown drivers)	Low	MXGB Manage changes in hydrological and coastal yeters and regime for construction and development (incl. restoration of habitats).	Statutory	Regulation controlling development including associated drainage.	S. NO. 6000/2003 - Hanning and Development. Broughtforus 2003, as amended	Local Authorities (Cavan & Meath County Councils)/An Bord Pleanala (ABP)	2001+	All government plans and policy documents are cognisant of these protections
2	1. Nobilat area, 2. Hobited Distribution, 3. High Bog Area, 4.1 Hydrodigical regime - weater levels, 4.2 Hydrodigical regime - weater levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solis flundaring cutomer area, 6.1 Vegetation qualify: central ecotype, active flunds, soaks, bog woodland, 6.2 Vegetation qualify: criterotopopypatch entures, 6.3 Vegetation flunds; vege	PLO2 Drainage (mixed or unknown drivers)	Low	MAII Meage agreement dramage and water abstraction (one), the restoration of drained or hydrologically attered hubitats).	Statutory	Concent required for new land drainage and evigation works on lands used for agriculture.	SJAN-656/031 EC RA (Agriculture) Reps. 2031, as emended	Department of Agriculture Food and Marine (DARA)	2011+	All government plans and policy documents are cognisant of these protections
3	Hydridogial regime - waster leves, 4.2 Hydridogial regime- flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutower area), 6.1 Vegetation quality: central ecolopse, active flush, soils, by genodiend, 6.2 Vegetation quality: microtropographical features, 6.3 Vegetation flush, 7.2 Typical his genies flume, 8.5 elements of local districtnesses, 9. Negative physical indicators, 10.2 Vegetation composition, rative regative indicators period, 10.2 Vegetation composition, rative regative indicator species, 10.2 Vegetation composition, rative regative regative regative regative regative regative period regative regative regative regative regative regative regative	PLO2 Drainage (mixed or unknown drivers)	Law	MRDB Manage changes in hydrological and coastal systems and regime for construction and development (incl. measurement of tablets).	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.	<u>Surgeen Union Habitats (Bilyconny Boy (Coekbally)</u> Special Area of Conservation 1000001 Begulation.	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognisant of these protections
4	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (Including cutower area), 6.1 Vegetation qualify: reintroloopsephasic flattruss, 6.3 Vegetation qualify: roloopsephasic flattruss, 6.3 Vegetation qualify: hog most (Sphagnum) species, 7.1 Typical ARB species: Bona, 7.8 Typical ARB species: Suns, 6.1 Expenses of local distinctiveness, 9. Negative physical indicators, 10.3 Vegetation composition: ransive regalite reliance to species, 10.2 Vegetation composition: ransive regalite reliance to species, 10.2 Vegetation composition: ransive species, 12.1 Vester qualify	PLO2 Drainage (mixed or unknown drivers)	Low	MRSB Manage changes in hydrological and coastal systems and egimes for constant contain systems and egimes for constant contain and development (incl. restoration of habitati).	Statutory	Consent required for drainage works including diagring, despensing widening or blocking admin, watercourse or waterbody) if not covered by other regulations.	European Union Habitats (Elliscome Bog Cloghtally). Special Area of Conservation 000006) Regulations.	Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Peatland Strategy
5	1. Hebitat ress, 2. Hebitat (Diribbidion, 3. High Bog Ares, 4.1 Hydrological regime - wester levels, 4.2 Hydrological regime - wester levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral Sols (including cutower areas, 6.2 Hygestation quality: central ecotype, active flitaly soisks, bog woodfands, 6.2 Vegetation quality: bog moss (Sphagman) species, 7.3 Pypicial ABS species: flom, 7.2 Pypicial ABS species: flom, 7.2 Pypicial ABS species: flom, 7.3 Pypicial ABS species: flow, 7.3 Pyp	PLO2 Drainage (mixed or unknown drivers)	Low	MR08 Manage changes in hydrodogical and coastal yeapterns and engines for construction and development (incl. restoration of habitats).	Contractual	17.8 km/95% of the requilite drains have been blocked at this site.	Stheomy Bog Clathbally SAC Restroation Plan	Department of Housing, Local Coverment and Hertrage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2002+	All government plans and policy documents are cognisent of these protections
6	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 mineral sols (including cutower areas), 6.1 Vegetation quality: consists, bog woodfanels, 6.2 Vegetation quality: bog most (Sphapuma) species, 7.3 Typical ARB species: flonz, 7.2 Typical ARB species: flonz, 7.2 Typical ARB species: flonz, 7.3 Ty	PLO2 Drainage (mixed or unknown drivers)	Low	MKIS Manage changes in hydrodogical and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	3.56m/100% of the requisite cell bunding has been implemented at the site.	Killycomy Bog Coghbally SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections
7	1. Hobitat sex, 2. Hobitat (birthulson), 3. High Bog Ares, 4.1 Hydrological regime - weath releval, 4.2 Hydrological regime - weath releval, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral Sols (floudaing cutower areas), 6.1 Vegetation quality: central ecotype, active flitah; microtogorgaphical features, 6.2 Vegetation quality: bog moss (Sphapman) species, 7.3 Typical ABB species: floor, 7.2 Typical ABB species: floor, 7.2 Typical ABB species: floor, 7.3 Typical ABB species: floor, 7.	PA22 Drainage for use as agricultural land	Low	MAII Meage agreement drainings and water abstraction (nor, the resolution of drained or hydrologically altered habitats)	Administrative	Sociologia and reporting of relevant farm activity at the SAC Direct inspections for DSAM conditionality compliance or via orther state Authorities (via Cross Reporting) to Integrated Controls Division in DATM.	DAM BISC Conditionals far im spectrus - NPUS Conservation Surger Stem monitoring, Closs.  Conservation Surger Stem monitoring, Closs.  Compliance)	Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Pealland Strategy
8	1. Höhler tarea. 2. Höhler Derhöhlerin. 2. Höjh Beg Area. 4.1 Hydrologisal regime - wester levels. 4.2 Hydrologisal regime - wester levels. 4.2 Hydrologisal regime - wester levels. 4.2 Hydrologisal regime - stress. 6.1 Hydrologisal regime - stress. 6.2 Hydrologisal regime - st	PCOS Peat Extraction	Low	MCO1 Adapt/manage estraction of non-energy resources	Contractual/Administrative	The Cession of Twf Cutting Compensation Scheme (CCCS) incombines the central order perfect mention with the carbon dips electration acting wather raised bug SAC's. Currently there is no peat extraction within this SAC - 1 participant in the CTCCS.	Turf Cutting Compensation Scheme	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Widelfs Service (NPWS)	2011+	National Peatland Strategy

2025 Page 2

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9	1. Mabitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodigular regime - water levels, 4.2 Hydrodigular regime - water levels, 4.2 Hydrodigular regime - flow patterns, 5. Transitional areas between high bog and adjuent mineral solis (Including cutower areas), 6.1 Vegetation quality: control society, active flush, soaks, bog woodfand, 6.2 Vegetation quality: bog moss (Schapman) species, 7.3 Typical ARB species: floor, 7.2 Typical ARB species: floor, 7.2 Typical ARB species: floor, 7.3 Typical	PCOS Peat Extraction	Low	MCDI. Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Voluntary Top Purchase Scheme Scilistes the state purchase of the junkbury rights. Currelly them is no peat extraction within this SAC - to date 8.427 Acres of furthary purchased and 19.916 Acres of Freehold purchased in 4 transactions.	Voluntary Bog Purchase Scheme	Department of Housing, Local Covernment and Heritage (DMLGH)/ National Parks and Wildlife Service (NPWS)	1999-2010	National Pealland Strategy
10	1. Hobitat see, 2. Hobitat Distribution, 3. High Bop Ares, 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 solic floridaring cutover areas, 6.1 Vegetation (paulity, mirror topographical features, 6.3 Vegetation quality, mirror topographical features, 6.3 Hydrological features, 6.3 Hydrolo	PCOS Peat Extraction	Low	MCDS. Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Protected Raised log Restoration location Scheme facilities: the restoration of lands with the SAC. Currelly there is no peat extraction within this SAC -1 land purchase under this scheme within this SAC -1 land purchase under this scheme within this SAC.	Potential Rolled Bog Restoration Incentive Scheme (PBBRIS)	Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPVS)	2018+	National Peatland Strategy
11	1. Nabitat area, 2. Habitat Distribution; 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solic florading cutower areas, 6.1 Vegetation quality, micro stosh, bog woodfands, 6.2 Vegetation quality, micro trappropriate listuters, 6.3 Vegetation quality, bog most property of the property o	PCOS Peat Extraction	Low	MC01. Adapt/imanage extraction of non-energy resources	Statutory	Consent required for all activities resisting to lard rutting and/or peat extraction in for covered by other regulations. Currently there is no peat extraction within this SAC.	Userning procedure via Forestry Regulations 2017 [5]. No. 191 of 2017], as amended.	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	1997	
12	1. Habitat area, 2. Habitat Distributions, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (Including cutower areas), 6.1 Vegetation quality, mirror topographical features, 6.3 Vegetation quality, mirror topographical features, 6.3 Vegetation quality, bog most bogodies. 7.1 Typical All Supecies. Tono, 7.2 Typical All Supecies. Tono, 7.2 Typical All Supecies. Tono, 7.3 Typical Supecies. Tono, 7.3 Typical Supecies. Tono, 7.3 Typical Supecies. Tono, 7.3 Typical Supecies. Typical Supecies. 7.3 Typical Supecies	PCOS Peat Extraction	Low	MR08 Manage changes in hydrological and coastal ysytems and regimes for construction and development (incl. restoration of habitats).	Contractual/Administrative	The Petaltach and Natura Community Engagement Scheme convage communities, cold organisations on other parties to become involved in the enhancement of the SAC site and raise awareness. 9 participants in this scheme.	Peatlands and Natura Community Engagement Scheme (PNCES)	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Peatland Strategy
13	1. Habitat area, 2. Habitat Distribution, 3. High Bop Area, 4.1 Hydrodigial regime - water levels, 4.2 Hydrodigial regime - water levels, 4.2 Hydrodigial regime - flow patterns, 5. Transitional areas between high bog and adjuent mireat loss (including cutower areas), 6.1 Vegetation quality- mire analysis, and a support of the control	All/Other Relevant Threats and Pressures		MIOI implement climate change miligation measures	Administrative	A roadmag of actions to assist in the achievement of dimate 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.
14	1. Nabitat area, 2. Habitat Distributions, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjuncent inieral solid (including cutower areas), 6.2 Hydrodigical regime - properties of temperature of the properties of temperature, 6.3 Vegetation quality; bog moss (Sphagnom) species, 7.1 Typical ARB species from, 2.7 Typical ARB species from, 3.6 Theoretic from the first from the fir	All/Other Relevant Threats and Pressures		MB01 Prevent conversion of (semi-) natural habitats into forests and of (primi-) natural forests into intensive forest plantation	Statutory	Locations and land types of afforestation projects are limited e.g. Forestry constrained to soils with peat depth of 30cm or less.	Secreting procedure via Forestry Regulation 2017 (5.) No. 191 of 2017), as amended.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Biodiversity Action Plan
15	1. Nabitat area, 2 i tealizat Distributions, 3. High Bog Area, 4.1 hydrodigical regime - water levels, 4.2 hydrodigical regime - water levels, 4.2 hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjustent inviersit only formations, progression of the properties of the	Pressures		MB01 Prevent conversion of (semi-) natural habitats into forests and of (clemi-) natural forests into intensive forest plantation	Statutory	Consent required for the planting of trees or mults annual bioenergy crops if not covered by Forestry Regulations.	Eurogean Lines Hebriets (Dilyconv. Box (Coshbally), Special Area of Conservation 000006) Regulations	Department of Housing, Local Government and Heringe (DHLGH) National Parks and Wildlife Service (NPWS)	1997+	National Pestland Stratogy
16	1. Nabitat a rea, 2. Habitat Distribution), 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjustent interior 1.00 (including custom), and the state of the s	All/Other Relevant Threats and Pressures		MAGS-Adapt mowing, grazing and other equivalent agricultural activities (e.g., burning)	Statutory	Consent required for huming, topping, clearing scrub or rough vegetation or reseeding if not covered by other regulations.	European Linion Habitats (Ellipcontv. Box (Coshbally), Special Area of Comerciation 000006). Begulations.	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisent of these protections

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	Ecological Requirements (Attributes as per SSCO)	(EU Code 2025)	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. 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 adjustent mineral solid (including cutows), and adjustent mineral solid including cutows in the control of the c	Pressures	MAGS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	of Weste Disposal by Burningi Regulations 2009	Department of the funironment, Climate and Communications following consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996
	1. Habitat area, 2. Habitat Distributions, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjuent mireral sols (including subsets) and adjuent mireral sols (including subsets). See Exempt 1997, 2.7 Hydrol ARB species flows, 3.2 Hydrol species flows, 3.2 Hydrol species flows, 3.2 Hydrol species flows, 3.2 Hydrol species flows flo	Pressures	MADS Adapt movine, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restrictions relating to the destruction of vegetation on uncultivated land.		Department of Housing, Local Government and Heritage (DH Gifty) National Parks and Wildlife Service (NPWS)	1976	Wildlife Act 1976
	I Nobilist area, 2. Habitat 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 solis (Including cutower areas), 6.2 Hydgestation quality, micro areas, 10.4 Hydgestation quality, micro analys, micro analys, micro analys, micro analys, micro (Sphagmann) species, 7.1 Hydrol. ARB species from, 7.2 Hydrol ARB species from, 7.2 Typical ARB species from, 7.2 Pytical ARB species from, 7.2 Pytical ARB species from, 7.2 Hydrol and provided the species from the	Pressures	MXOI Rectoring frethwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorised officers to stakeholders.	Management appointed as Authorised Officers under Clairles and Matural Habitats Reps. 2011. as amended.	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Widdle Service (NP4VS)	1997+	National Peatland Statesy.
20	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjuent mirreal solis (Including cutower areas), 6.1 Vegetation quality: central ecopye, active flush, topological regimes, 6.3 Vegetation quality: bog moss (Sphagnum) spories, 7.1 Typical ARB species: floor, 7.2 Typical ARB species: floor, 8.2 Typical ARB species: floor, 8.2 Typical floor, 9.2 Typical ARB species: floor, 9.2 Typical ARB species: floor, 9.2 Typical ARB species: floor, 9.3 Typical ARB species: f	AU/Other Relevant Threats and Pressures	MCO2 Adapt/manage exploitation of energy resources	Administrative	Publication of a restoration plan for Killycornny Bog (Cloghbally) SAC site.	Glaconom Box (Cosphalm) AS, 000006 Rated Box, Besterostion Plan (Report)	Department of Housing, Local Government and Hertinge (PUHGH) National Parks and Wildlife Service (NPWS)	2017+	National Peatland Strategy
21	1. Holdist stew, 2. Holdist Distribution, 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 mireral solis (including cutower areas), 6.1 Wegetation quality, micro areas, 6.2 Wegetation quality, micro areas, 6.2 Wegetation quality, micro (Sphagmani spories, 7.1 Hydrological Alla species flows, 7.2 Hydrological flows fl	ASJOther Relevant Threats and Pressures	MC02 Adapt/manage exploitation of energy resources	Statutory	Control of actualities, if not covered by other regulations, which could regatively impact on Rillyconny Bog SAC.	Surgeau Linion Habitast Killinomov Beg (Cophiballs, Special Area of Conservation 0000000 Regulations,	Department of Housing, Local Government and Heritage (DHLGH)/ National Paris. and Vidilife Service (WP4S)	1997+	All government policites are cognisant of these Regulations.
22	I Hobitat sew, 2 Hobitat Distribution, 3. High Bog Arm, 4.1 Hydrological regime - weath review, 4.2 Hydrological regime - what review, 8. Transitional areas between high bog and adjacent mireral solis (Including cutower areas), 6.2 Hogestation quality, central ecopys, active flush, mercan properties of the properties	AU/Other Relevant Theats and Pressures	MCDI. Adapt/manage extraction of non-energy resources	Administrative	Publication of a national strategy on peatlands conservation and management	National Peatland Strategy	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Enrice (NPWS)	2015+	All government policies are cognisant of this strategy.

2025