



Marine
Management
Organisation

MMO MPA Fisheries Management Update

February 2023

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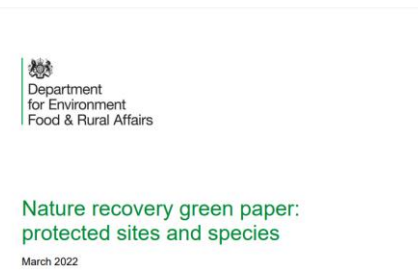
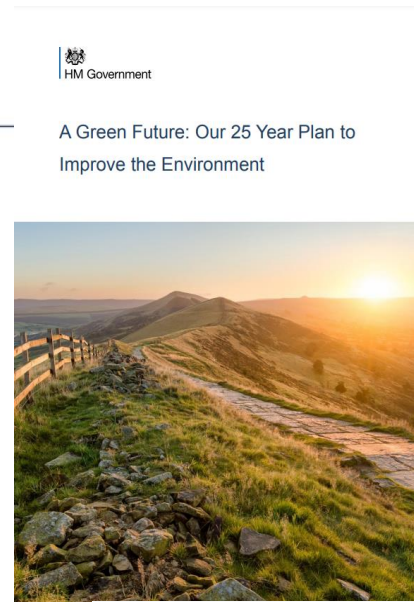
- Background
- Overview
- Stage 2 Formal Consultation
- Stage 3 Call for Evidence
- Future Work



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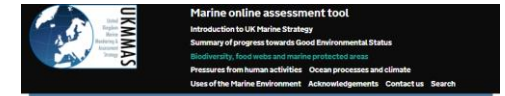
- Protect designated habitats and species
- Maintain or restore ecosystem function
- Stop biodiversity loss
- Protect ecosystem services:
 - fish and shellfish stocks, nutrition employment, climate regulation, clean water, coastal protection, tourism, recreation

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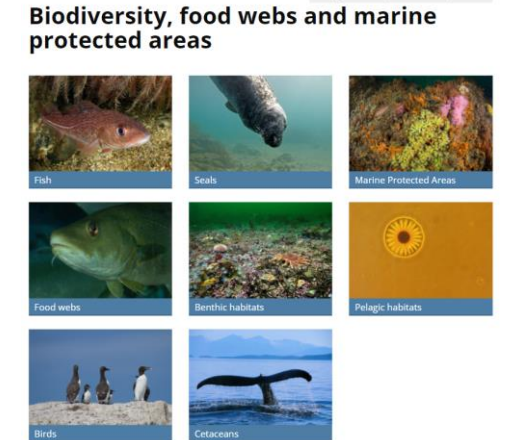


Joint Fisheries Statement

November 2022

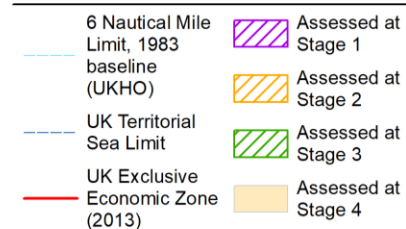
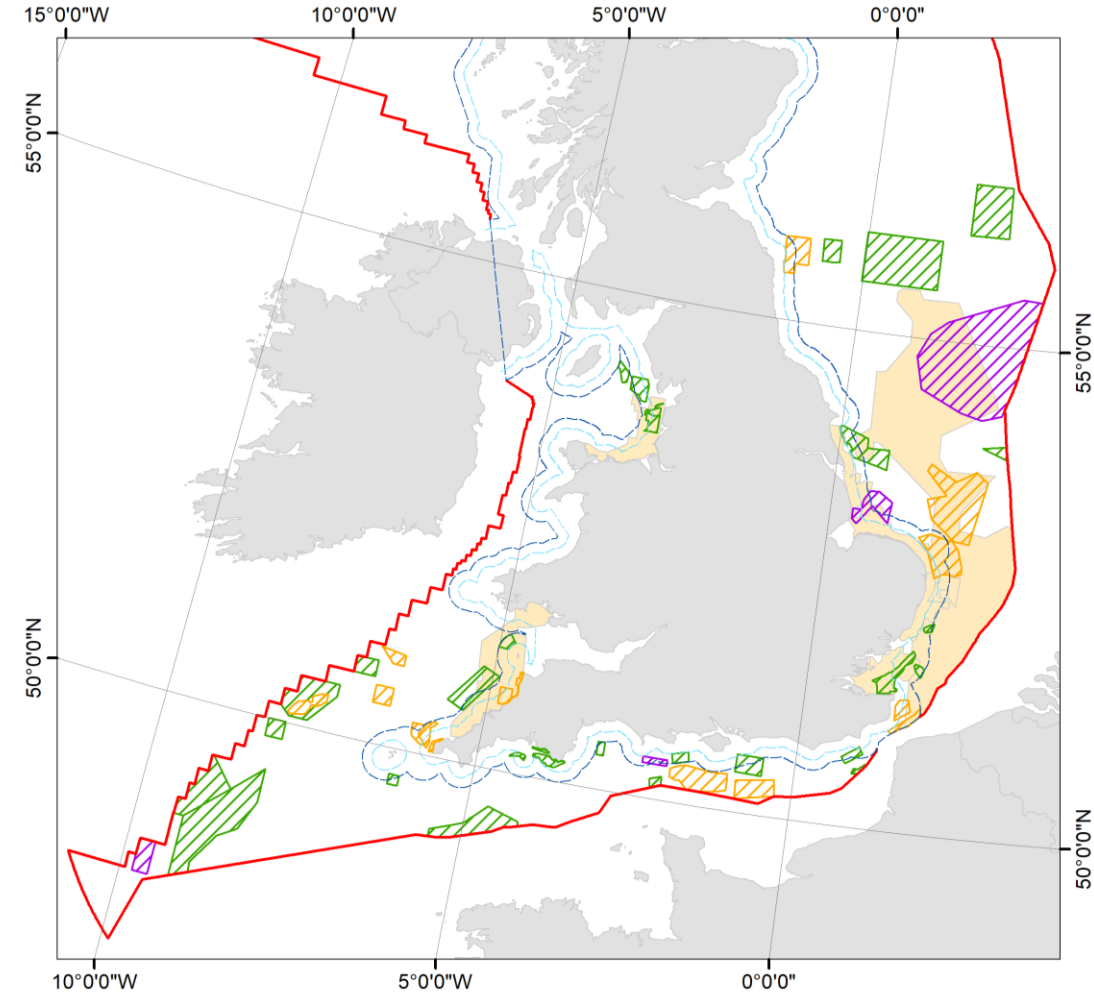
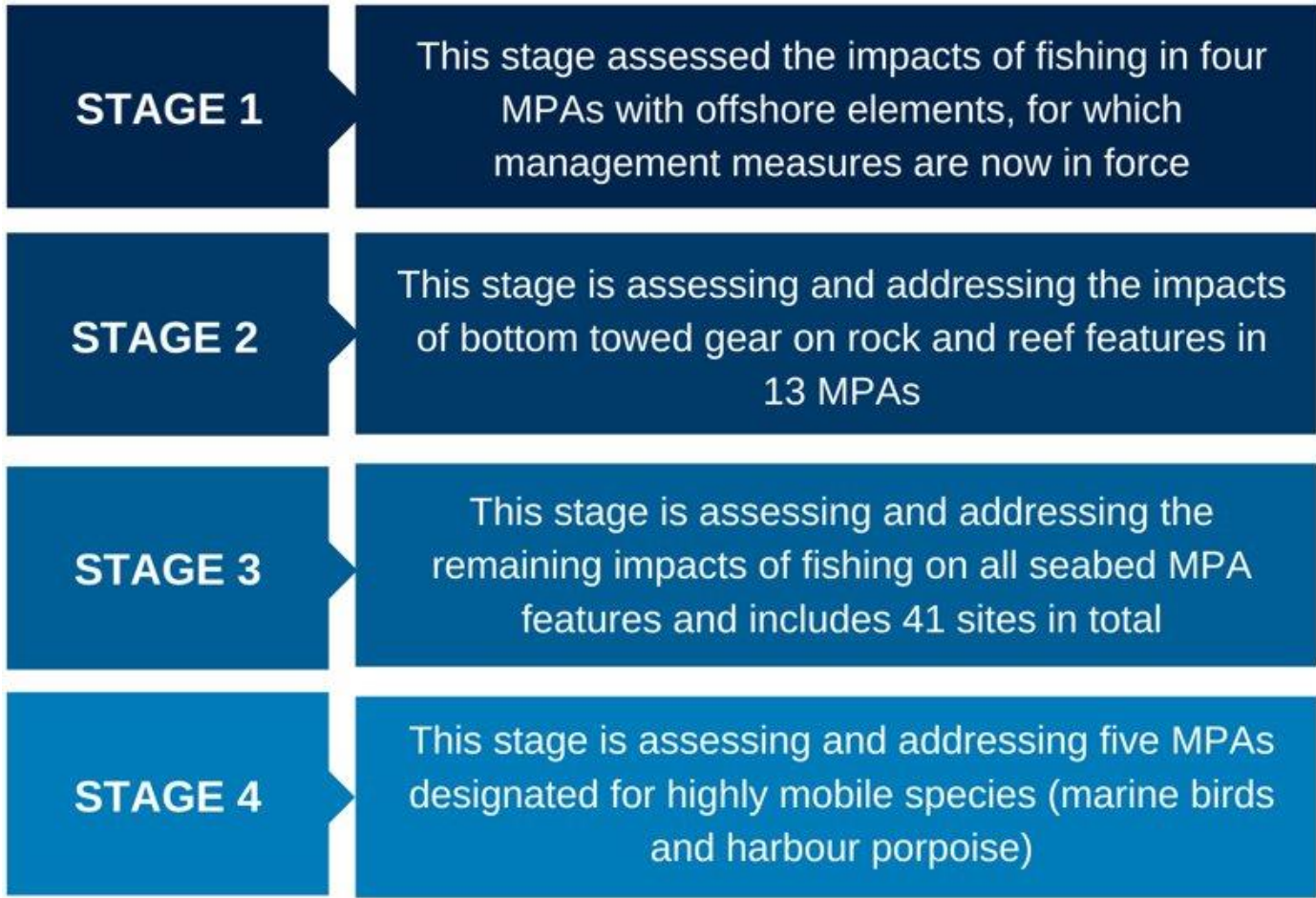


Biodiversity, food webs and marine protected areas
Viewing: Latest Version, 2018 Assessment, no archives



2020 UN BIODIVERSITY CONFERENCE
COP 15 - CP/MOP10-NP/MOP4
 Ecological Civilization-Building a Shared Future for All Life on Earth
 KUNMING – MONTREAL



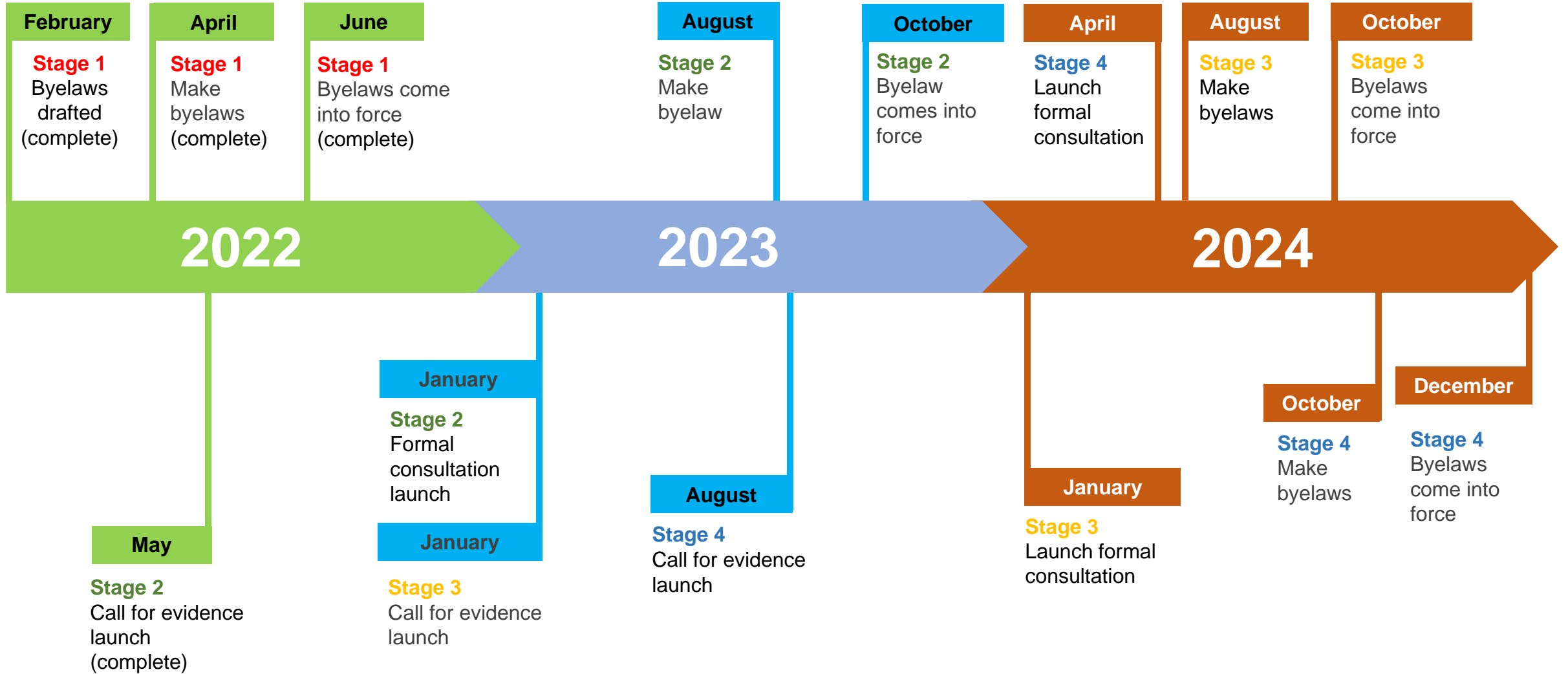


N.B. Stage 2 sites will also be assessed at Stage 3 for gear feature interactions not assessed at Stage 2.



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Offshore MPA Fisheries Management Timeline



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Stage 2 Formal Consultation

- 13 MPAs assessed for impacts of bottom towed fishing gear over rocky and biogenic reef features.



biogenic reef - Ross worms



rocky reef



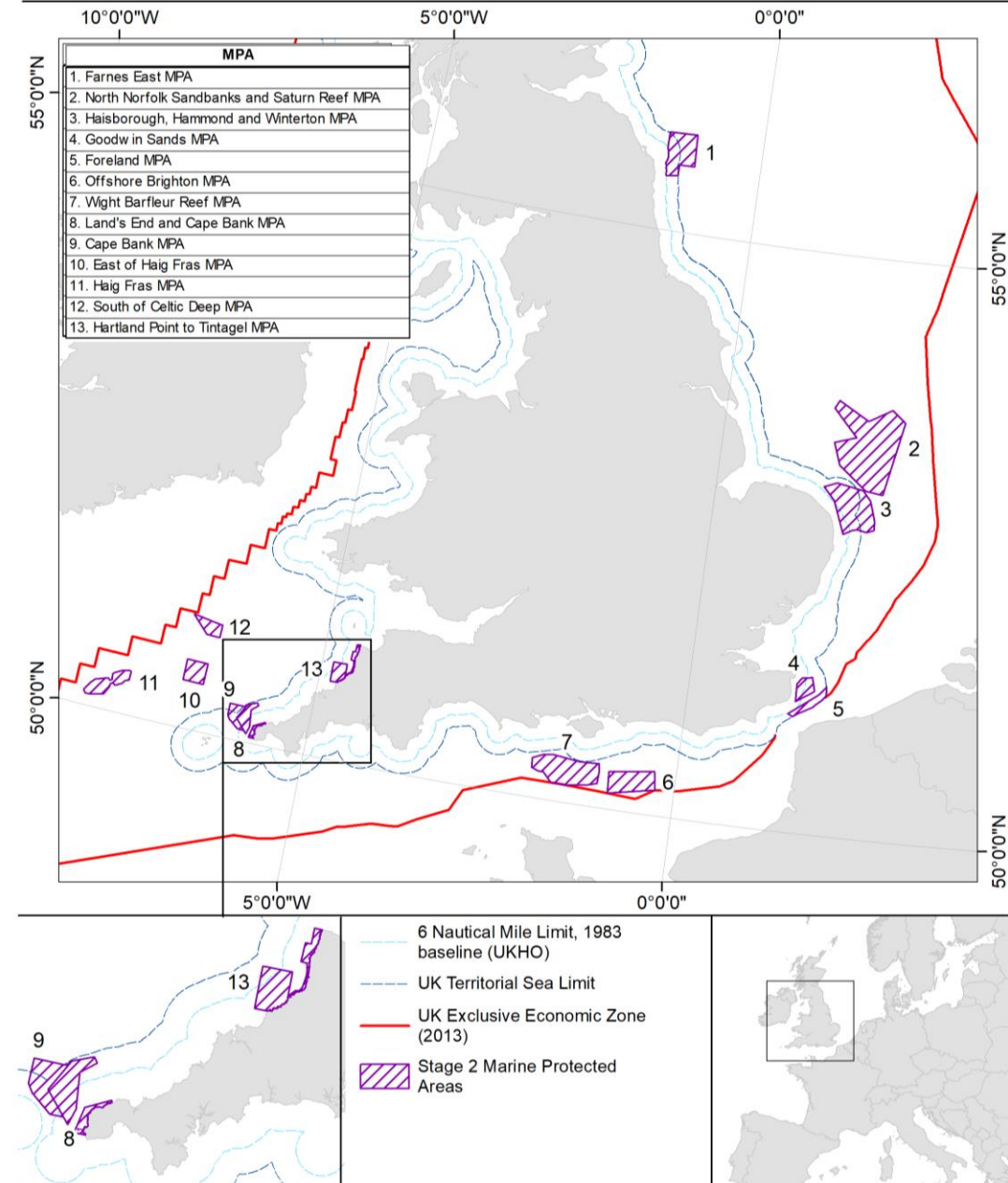
circalittoral rock

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Stage 2 Formal Consultation

- One assessment and one byelaw for all Stage 2 sites and features.
- Call for evidence on draft assessment closed 10 July 2022.
- Responses from this call for evidence have been anonymously presented and considered in a decision document.
- [Formal Consultation](#) on proposed management measures from 17 January 2023 to 28 March 2023.
 - Draft byelaw, impact assessment and finalised MPA assessment are available for comment

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Draft byelaw for Stage 2

- Prohibits bottom towed gears over reef in 13 MPAs
- Amends four byelaws increasing enforceability and adjusting the specified area for Land's End to Cape Bank MPA
- Revokes one byelaw (Haisborough, Hammond and Winterton MPA)

Costs and landings of bottom towed gears

Cost to UK fleet

- 2016 – 2019 average annual of £269,621 with an operating profit of £43,554

Cost to EU member states

- 2016 - 2019, an annual average of £3,761,517

Overall fishing in Stage 2 and 3 MPAs

BTG – UK £9m, EU £26.5m

Other – UK £13.4m, EU £8.4m

(Total in English waters: UK £182.5m, EU £181.6m)

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Marine Management Organisation

Marine and Coastal Access Act 2009

Marine Protected Areas Bottom Towed Fishing Gear Byelaw 2022

The Marine Management Organisation¹, in exercise of the powers conferred by section 129, 129A, 129B section 133(7) of the Marine and Coastal Access Act 2009², and having complied with their duties under section 130(3), (4), (6) and (7) of that Act,

makes the following Byelaw to conserve the following marine fauna and habitats:

- Annex B reef,
- high energy circalittoral rock,
- moderate energy circalittoral rock,
- fragile sponge and anthozoan communities on subtidal rocky habitats; and
- pink sea-fan (*Eunicella verrucosa*).

Interpretation

- In this Byelaw:
 - “the 1983 baselines” means the baselines for the measurement of the breadth of the territorial sea of the United Kingdom as they existed on 25 January 1983 in accordance with the Territorial Waters Order in Council 1964³;
 - “the Act” means the Marine and Coastal Access Act 2009;
 - “bottom towed fishing gear” means any trawls, seines, dredges, or similar gear, including trawls towed on or very close to the seabed, which are actively moved in the water by one or more fishing vessels or by any other mechanised system and in which any part of the gear is designed and rigged to operate on, and be in contact with, the seabed in order to take any sea fisheries resources;
 - “ETRS 1989” means the European Terrestrial Reference System 1989;

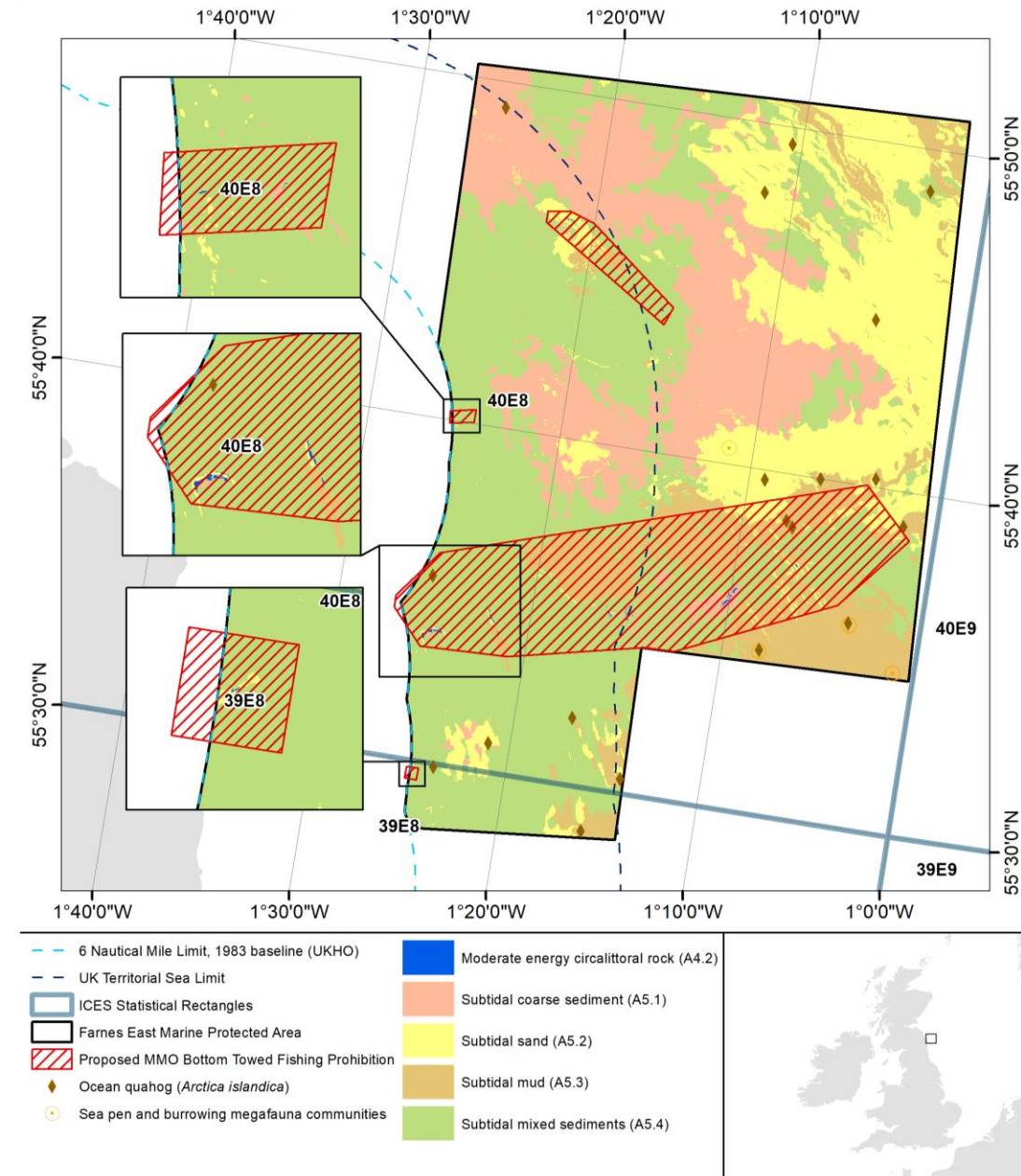
¹ The Marine Management Organisation was established by the Marine and Coastal Access Act 2009, section 1.

² (c.23).

³ Annex I (Natural Habitat Types of Community Interest whose Conservation Requires the

Stage 2 Formal Consultation: Farnes East MPA

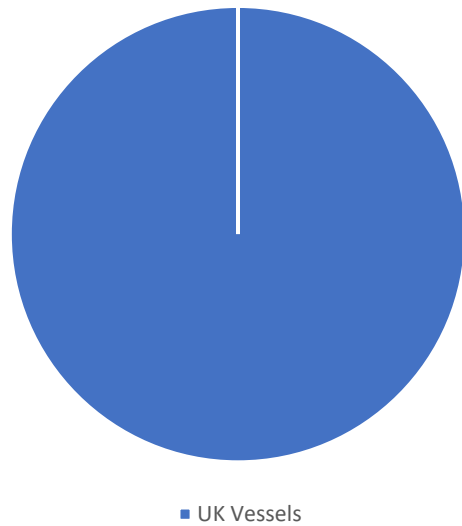
- The proposed management measure is to **prohibit bottom towed fishing over the moderate energy circalittoral rock** features present in Farnes East.
- The feature is predominantly present in small areas with complex boundaries in the south of the site therefore, a **partial site prohibition** of bottom towed fishing is required to sufficiently protect the designated rock features in Farnes East.



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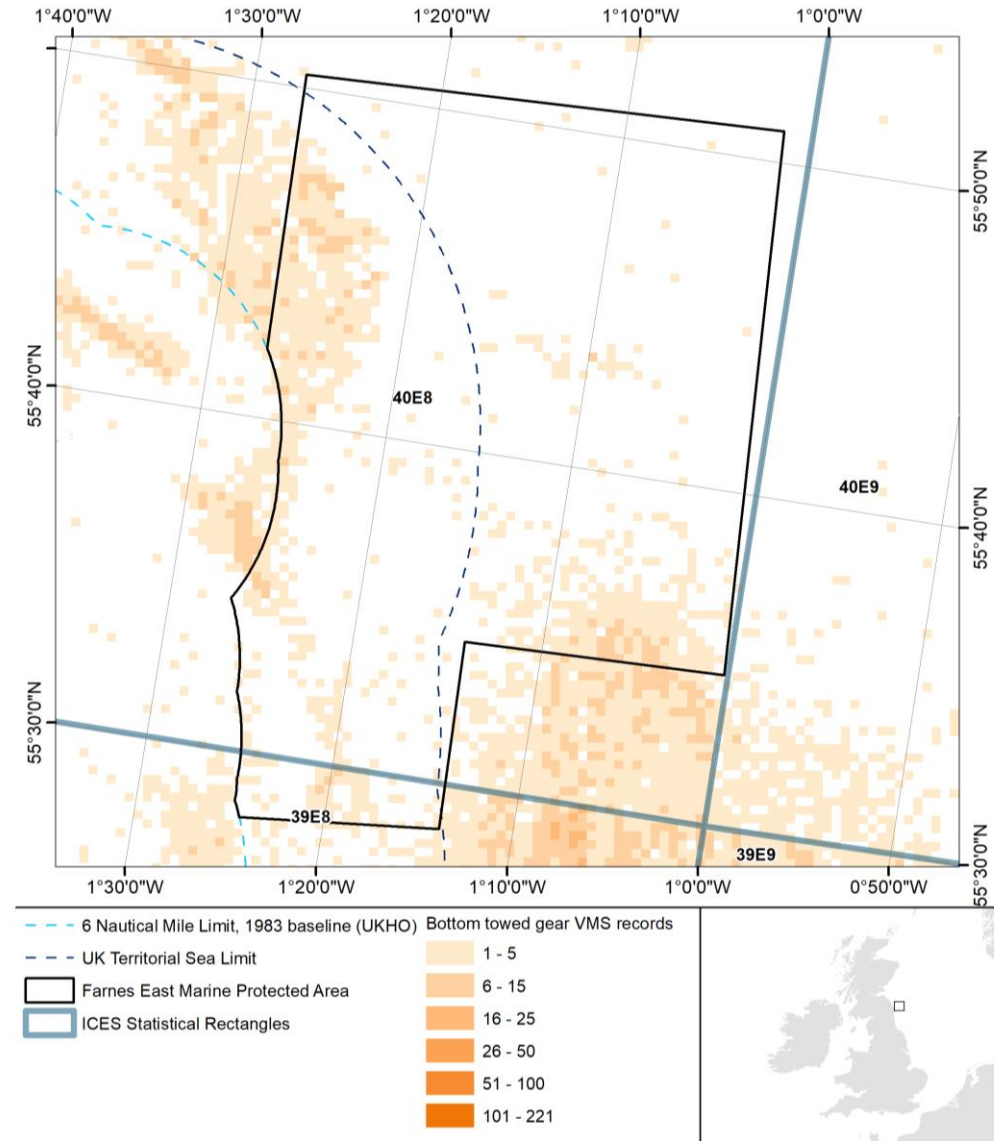
Stage 2 Formal Consultation: Farnes East MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	10,401	42,749	14,934	44,669	9,548	112,753	28,188
UK Vessels	10,401	42,749	14,934	44,669	9,548	112,753	28,188



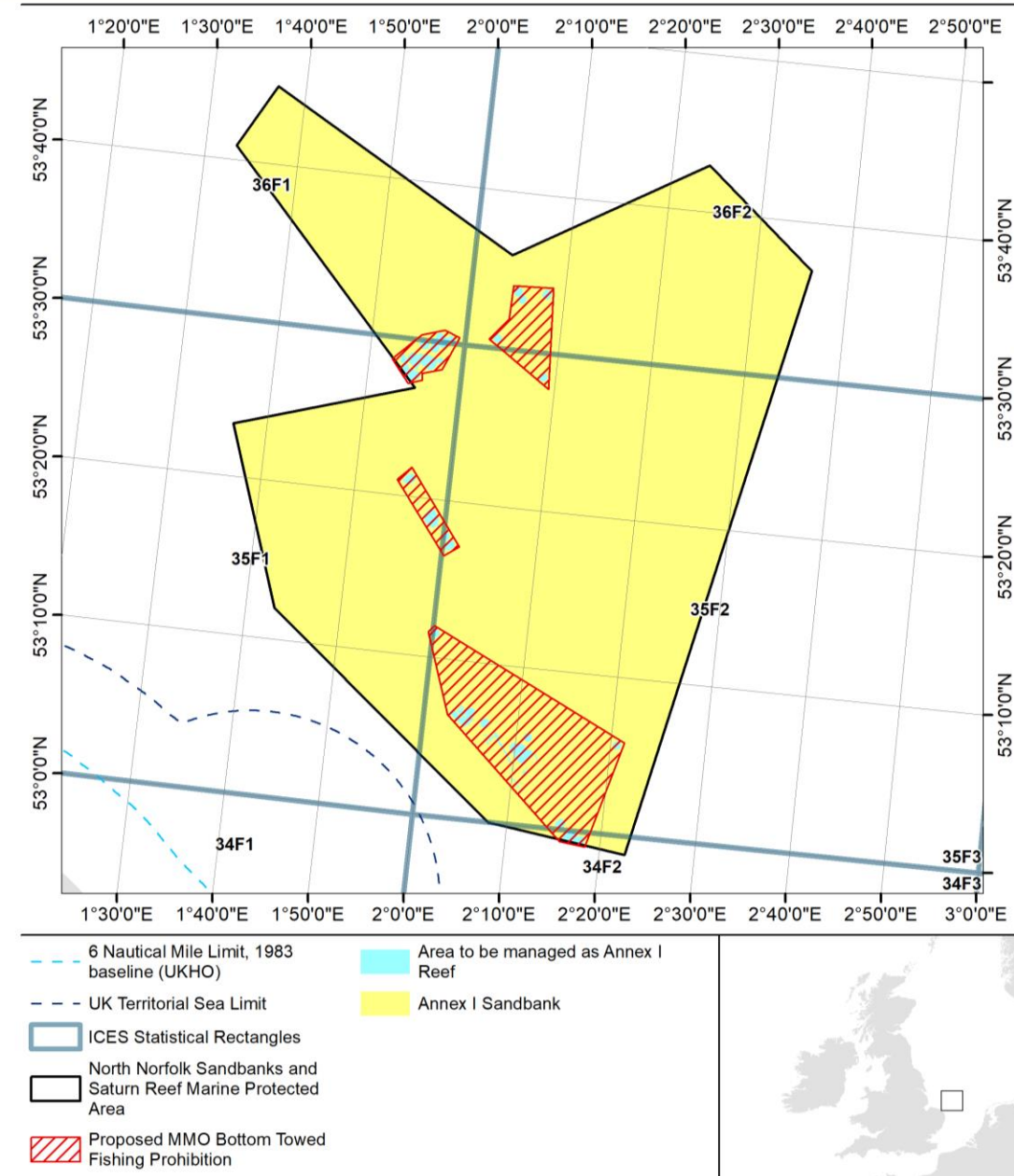
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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



Stage 2 Formal Consultation: North Norfolk Sandbanks and Saturn Reef MPA

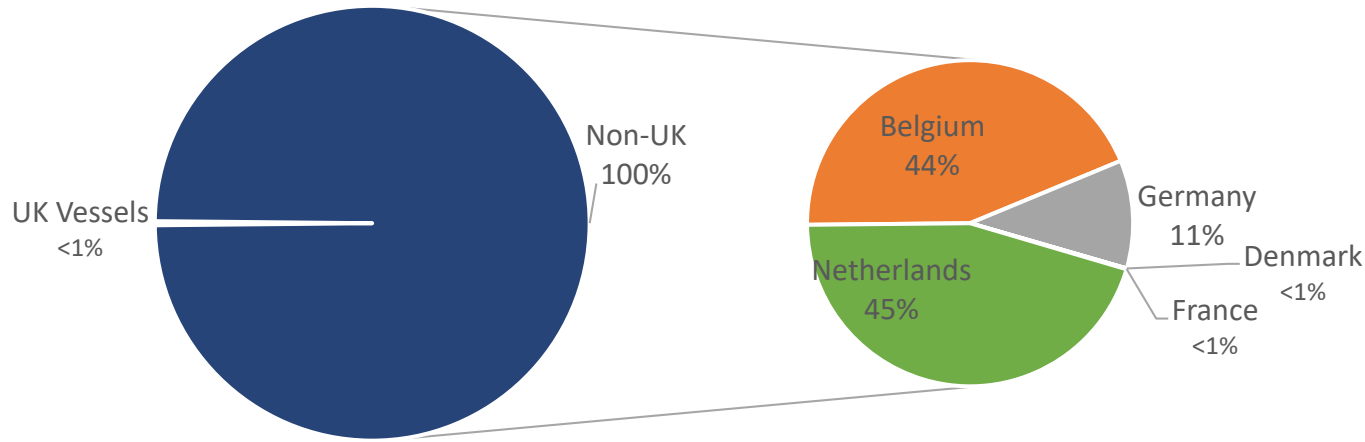
- The proposed management measure is to **prohibit bottom towed fishing over the biogenic reef (*Sabellaria* spp.)** feature present in North Norfolk Sandbanks and Saturn Reef.
- This feature is present across the site as several isolated patches within several distinct clusters across the site therefore, a **partial site prohibition** of bottom towed fishing is required to sufficiently protect the designated reef feature in North Norfolk Sandbanks and Saturn Reef.



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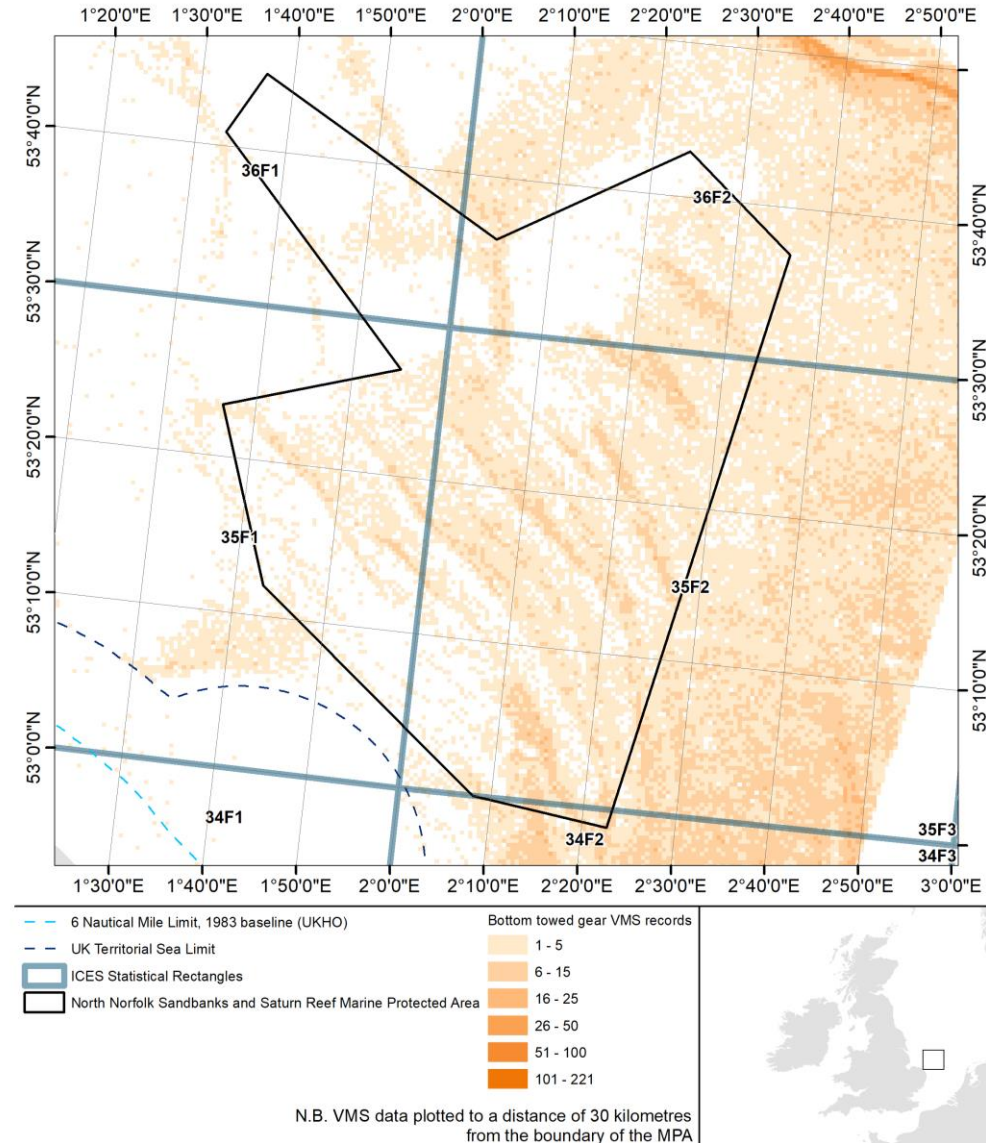
Stage 2 Formal Consultation: North Norfolk Sandbanks and Saturn Reef MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	1,286,929	1,509,562	1,138,672	629,993	767,074	4,565,156	1,141,289
UK Vessels	10,420	3,006	12	441	5,757	13,879	3,470
Belgium	863,763	323,156	810,901	0	0	1,997,820	499,455
Germany	3,556	484,708	0	0	23,348	488,264	122,066
Denmark	0	0	0	527	0	527	132
France	94	3,361	0	0	0	3,455	864
Netherlands	409,096	695,331	327,759	629,025	737,969	2,061,211	515,303



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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.

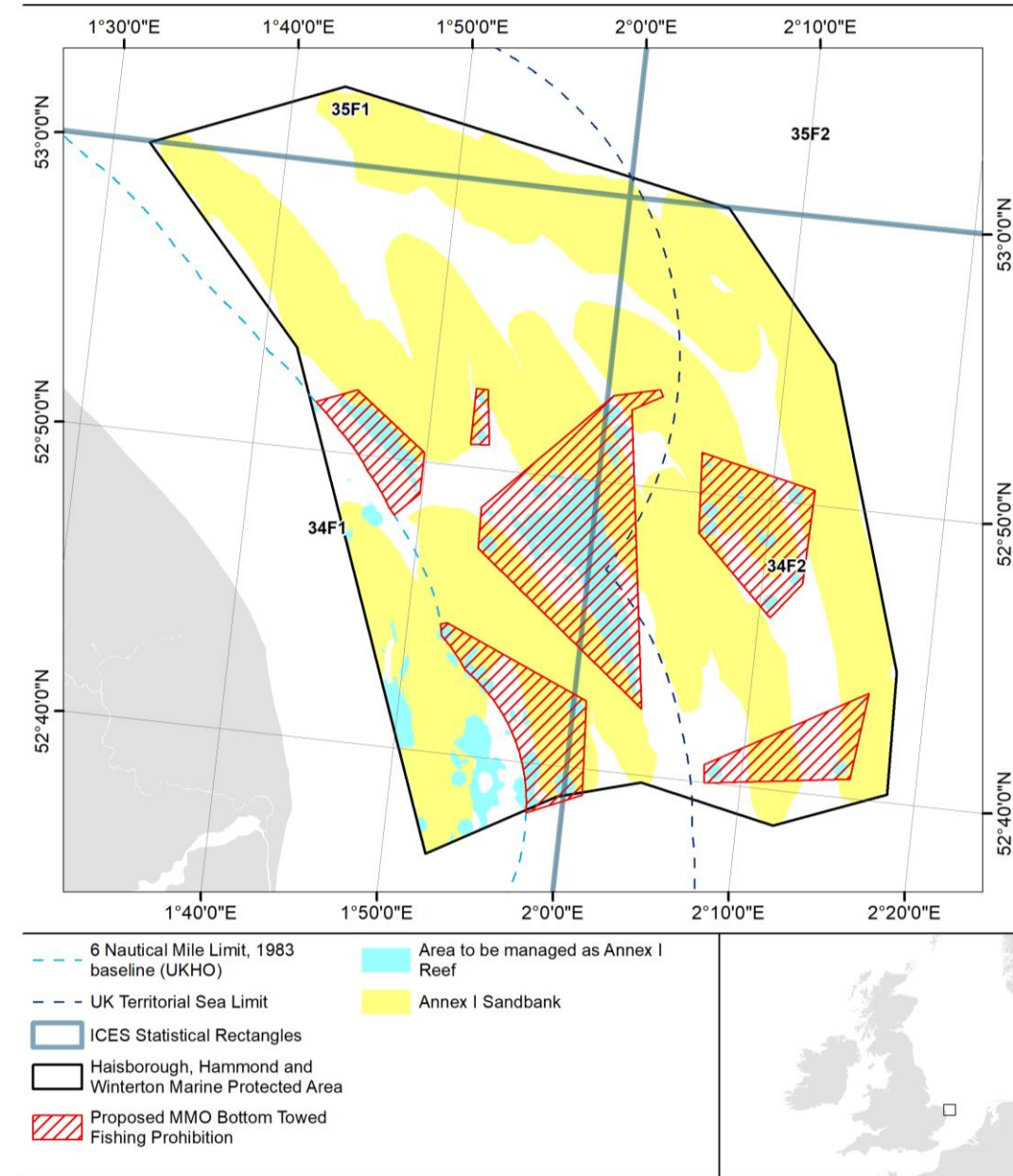


N.B. VMS data plotted to a distance of 30 kilometres from the boundary of the MPA

Stage 2 Formal Consultation: Haisborough, Hammond and Winterton MPA

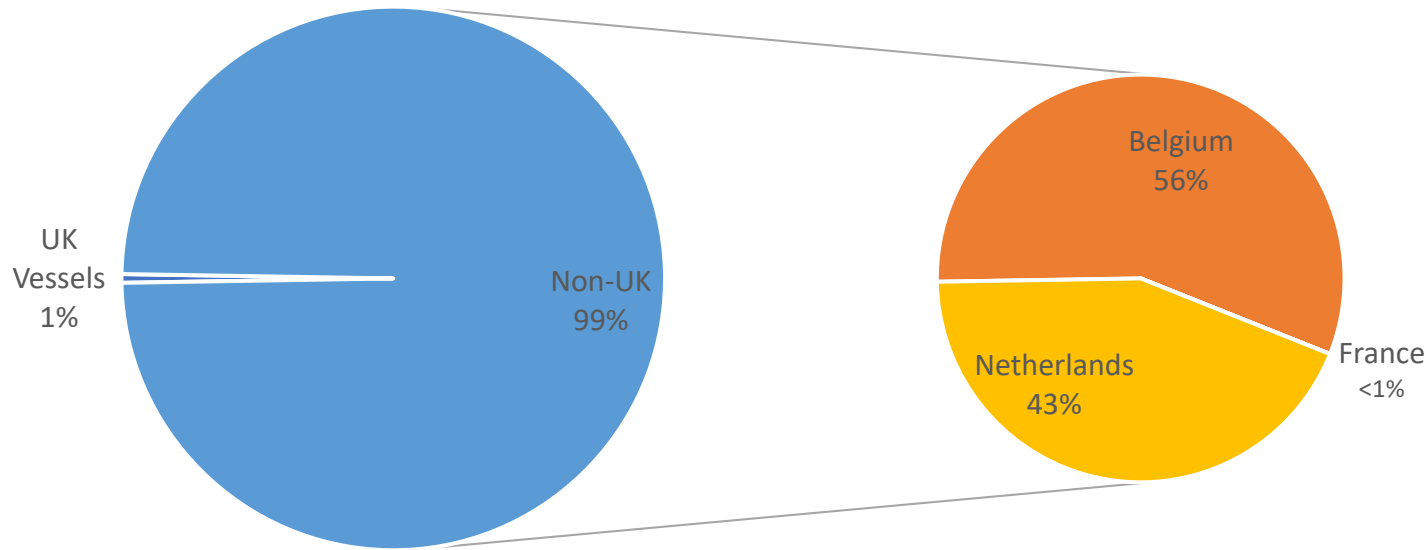
- The proposed management measure is to **prohibit bottom towed fishing over the biogenic reef (Sabellaria spp.)** feature present in Haisborough, Hammond and Winterton.
- The proposed byelaw also **revokes the current MMO Haisborough, Hammond and Winterton European Marine Site (Specified Areas) Bottom Towed Fishing Gear Byelaw**, as data from a recent habitat survey has revealed that the current byelaw does not protect all of the biogenic reef (Sabellaria spp.) feature in the site, and therefore the existing byelaw requires extension.
- The feature has an uneven distribution across certain areas of the site therefore, a **partial site prohibition** of bottom towed fishing is required to sufficiently protect the designated reef feature in Haisborough, Hammond and Winterton.

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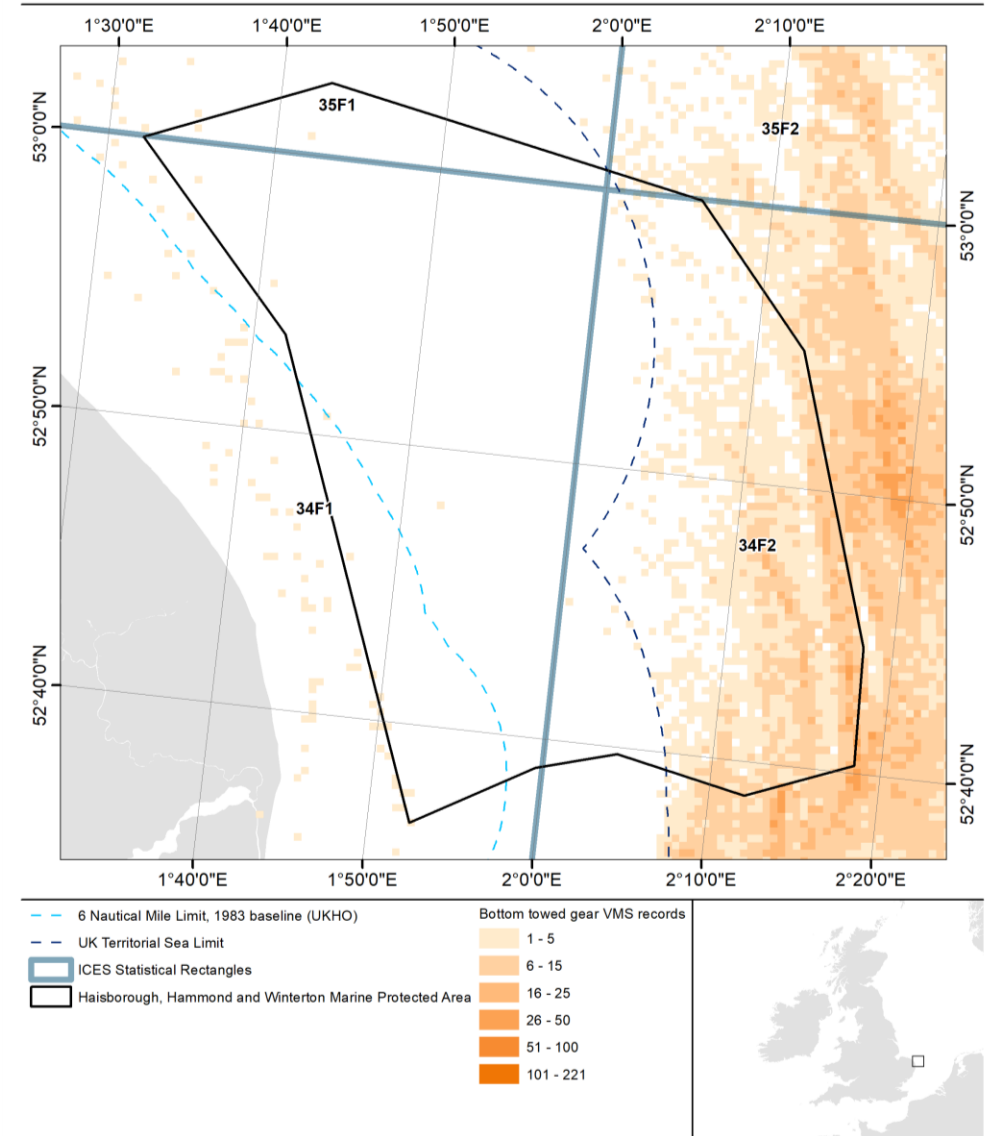
Stage 2 Formal Consultation: Haisborough, Hammond and Winterton MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	308,753	262,087	414,509	518,322	113,135	1,503,669	375,927
UK Vessels	1,343	2,721	1,708	1,983	5,376	7,755	1,939
Belgium	167,934	0	286,468	387,808	0	842,209	243,238
France	94	0	0	0	0	94	23
Netherlands	139,382	259,366	126,333	128,531	107,759	653,611	130,727



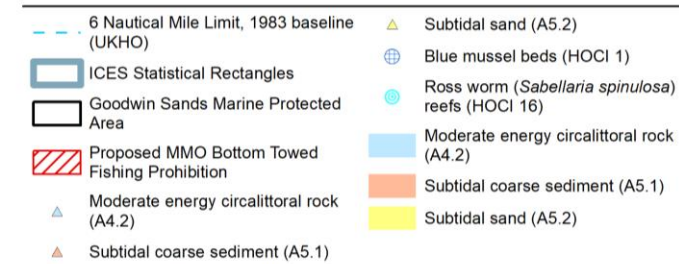
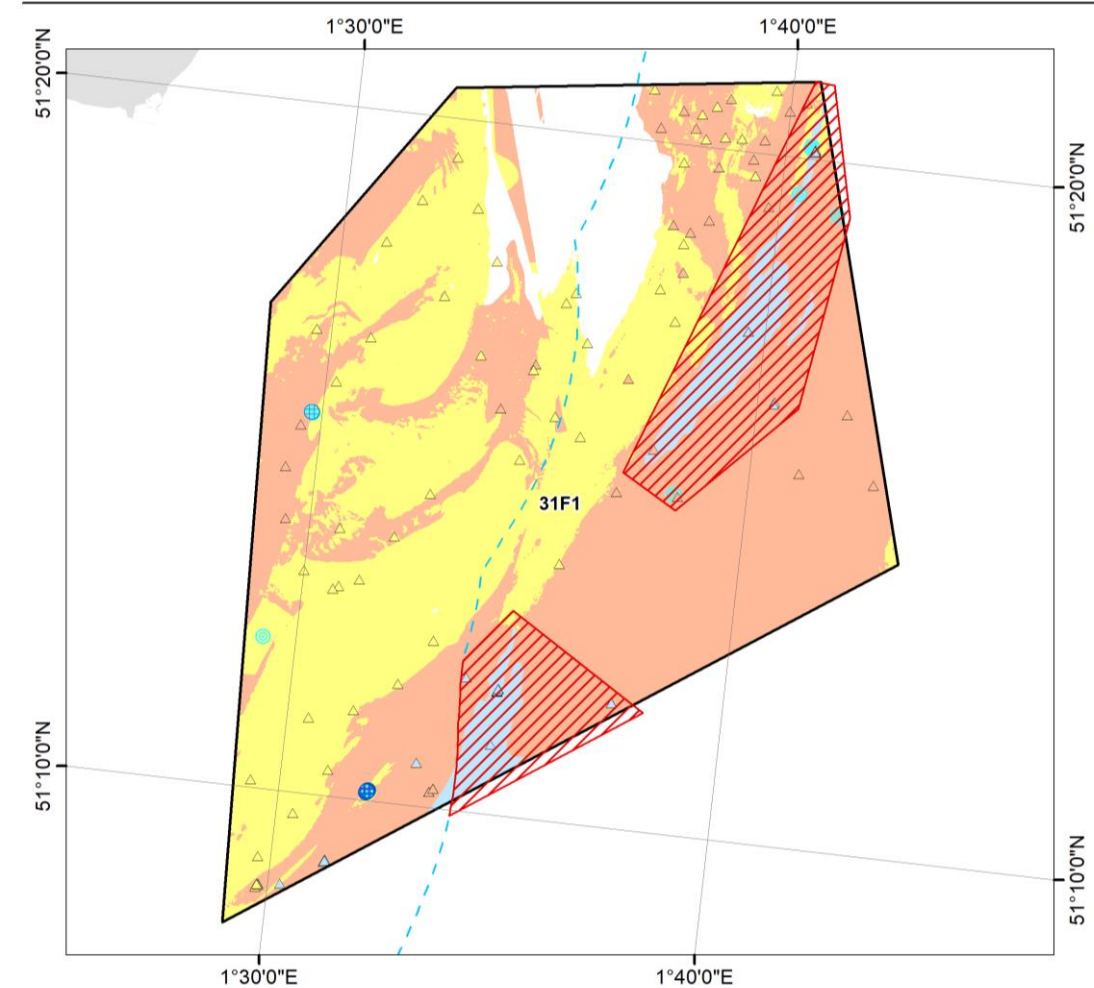
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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



Stage 2 Formal Consultation: Goodwin Sands MPA

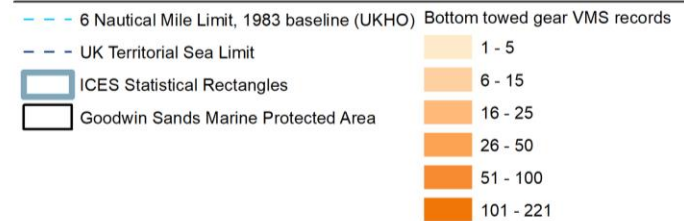
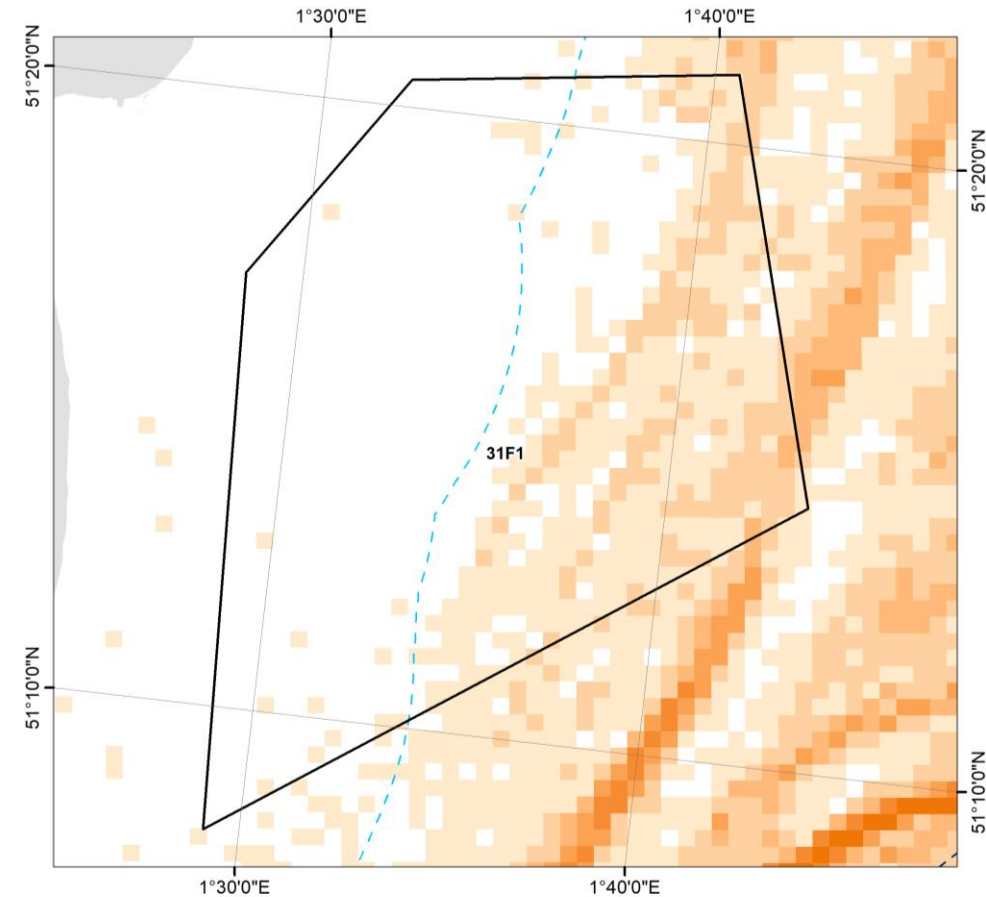
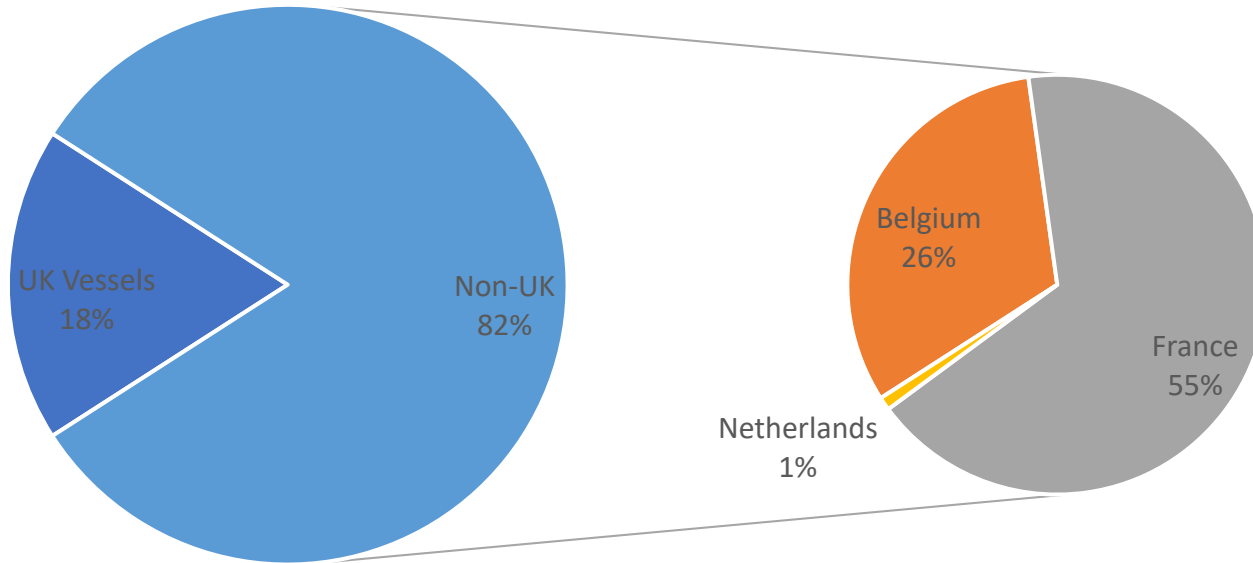
- The proposed management measure is to **prohibit bottom towed fishing over the moderate energy circalittoral rock and biogenic reef (*Sabellaria* spp.) features present in Goodwin Sands.**
- These features are present in discrete areas within the MMO section of the site (6-12 nm); therefore, a **partial site prohibition** of bottom towed fishing is required to sufficiently protect the designated rock and reef features in Goodwin Sands.



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Stage 2 Formal Consultation: Goodwin Sands MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	80,205	48,522	117,127	87,079	67,553	332,933	78,437
UK Vessels	14,072	11,907	5,105	29,446	16,508	60,531	15,133
Belgium	13,145	4,207	66,107	3,403	38,277	86,861	21,715
France	52,988	29,646	45,915	54,230	12,768	182,779	40,899
Netherlands	0	2,762	0	0	0	2,762	690

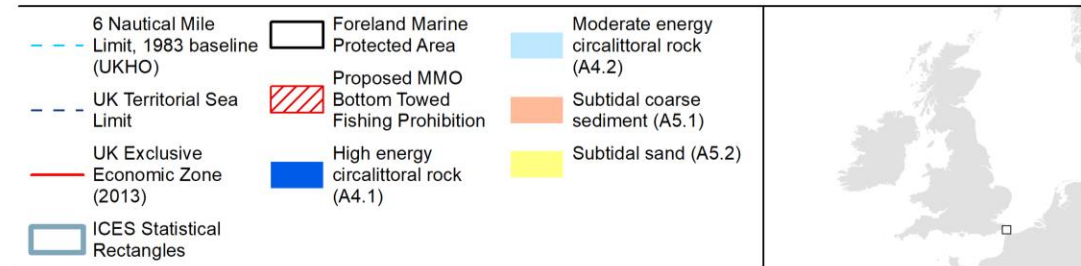
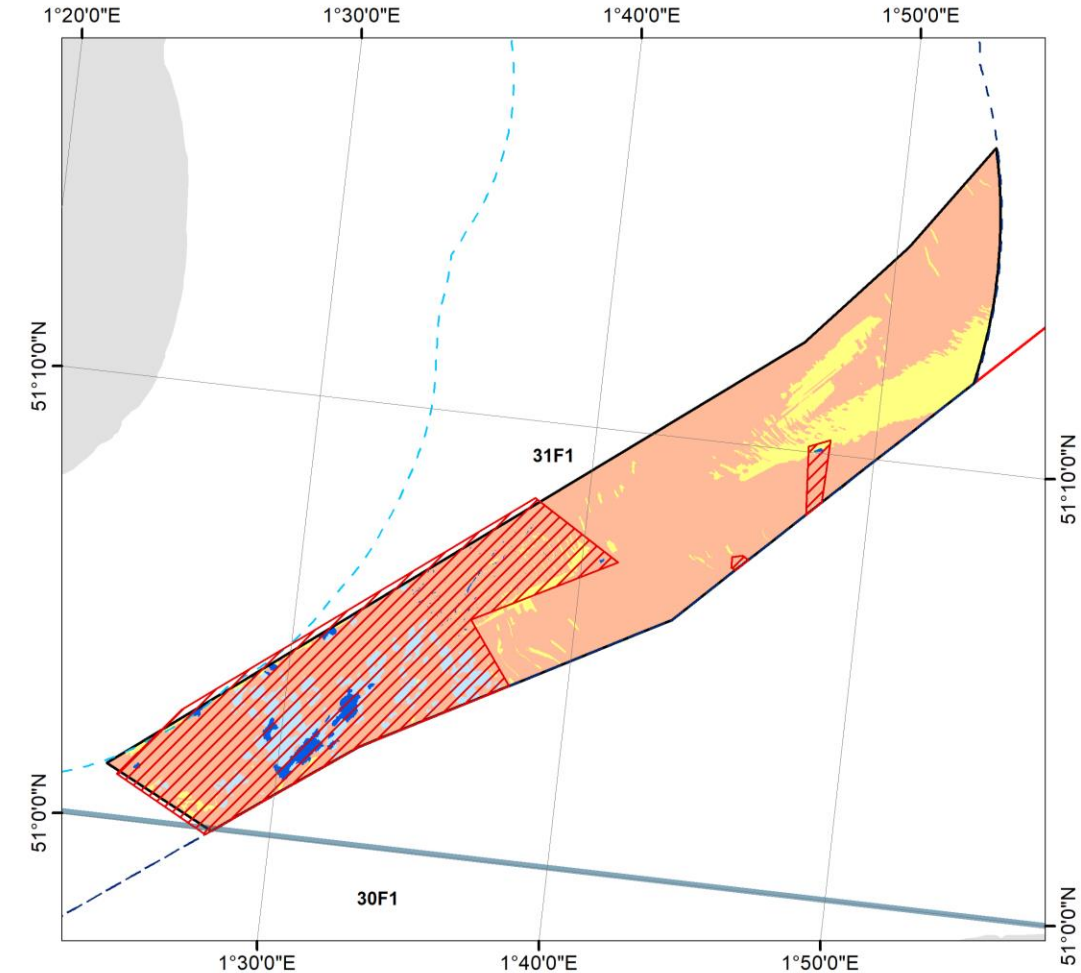


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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.

Stage 2 Formal Consultation: Foreland MPA

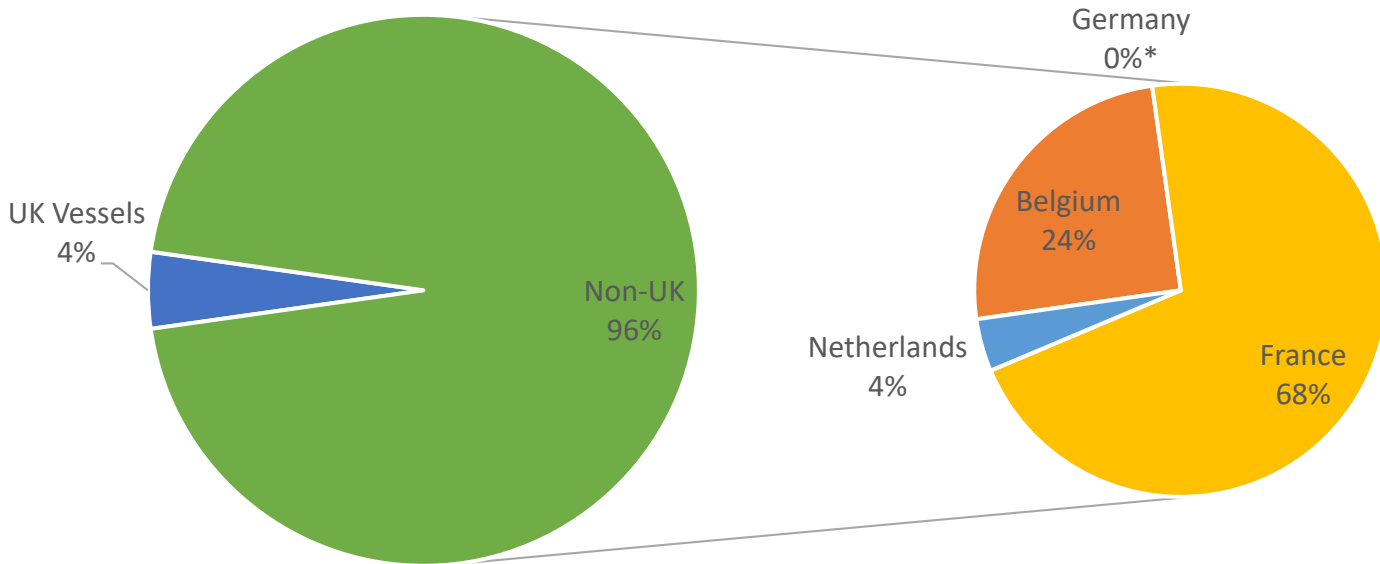
- The proposed management measure is to **prohibit bottom towed fishing over the high and moderate energy circalittoral rock features** present in Foreland.
- These features form a mosaic generally in the southern area of the site therefore, a **partial site prohibition** of bottom towed fishing over areas of these features will be required to sufficiently protect the designated rock features in Foreland.



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Stage 2 Formal Consultation: Foreland MPA

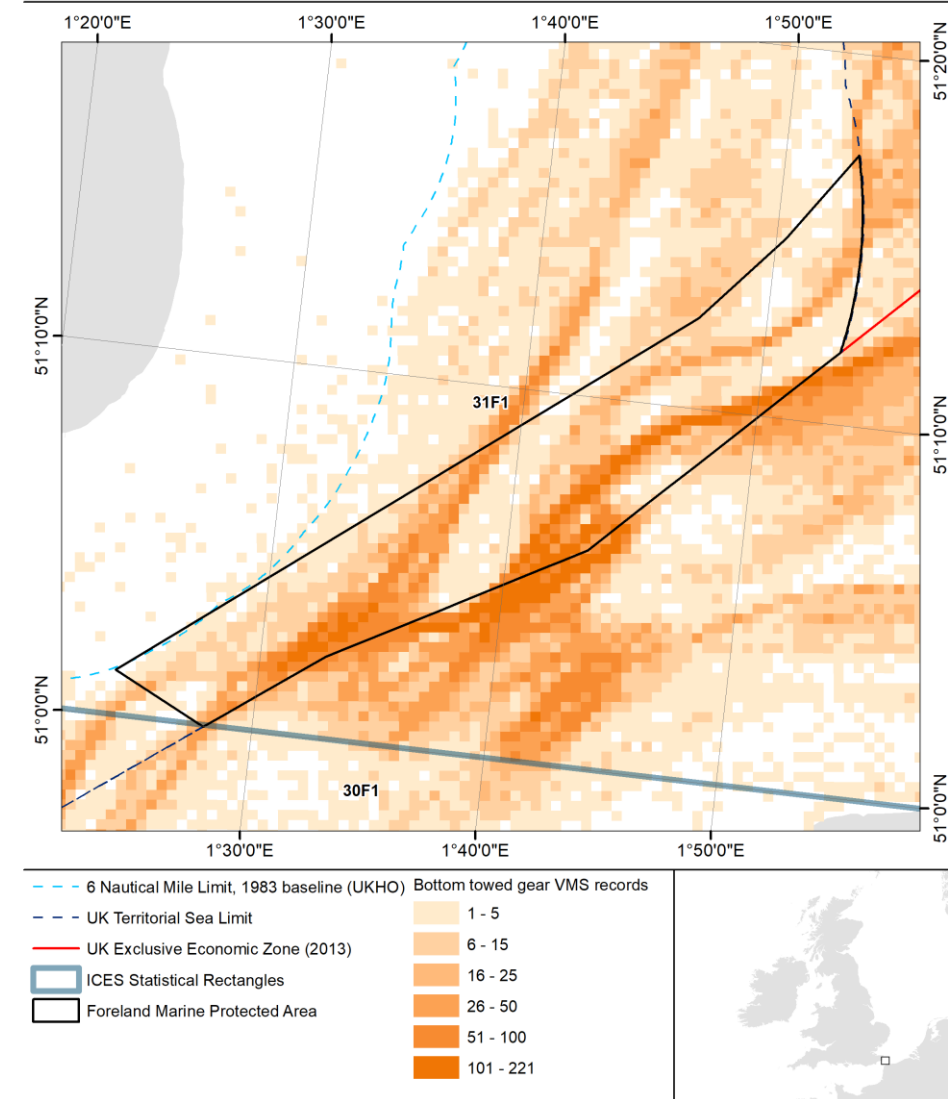
	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	534,923	196,523	861,228	1,692,195	1,660,263	3,284,868	827,702
UK Vessels	15,186	18,176	56,482	57,269	91,718	147,113	36,778
Belgium	60,228	12,620	202,203	509,979	325,308	785,030	313,919
Germany	0	0	0	0	340,712	0	0
France	452,682	165,727	523,719	1,081,390	876,005	2,223,517	444,703
Netherlands	6,827	0	78,824	43,557	26,520	129,208	32,302



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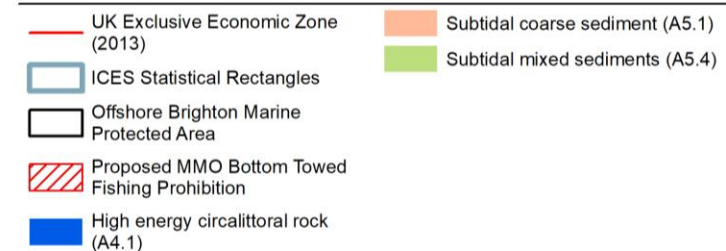
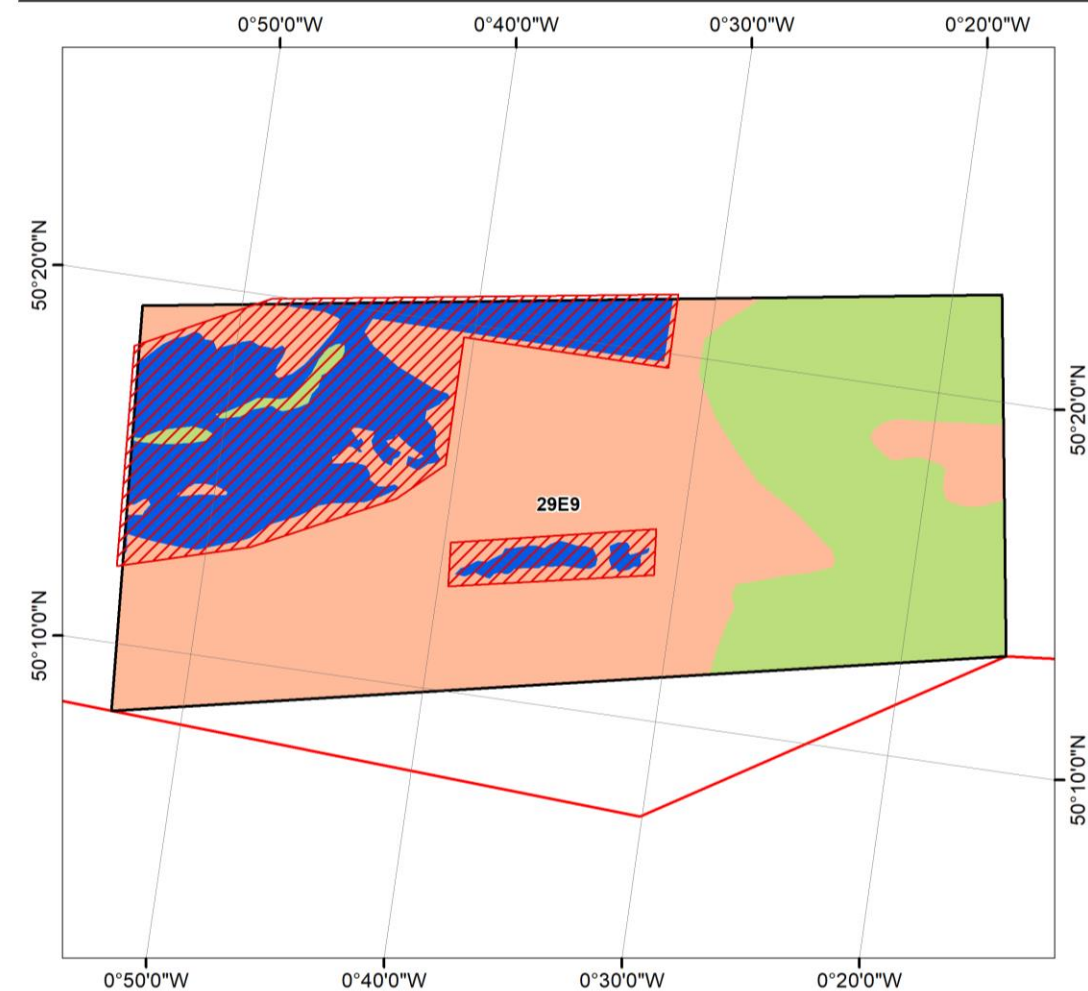
Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.

*Germany reported landings in 2020 only



Stage 2 Formal Consultation: Offshore Brighton MPA

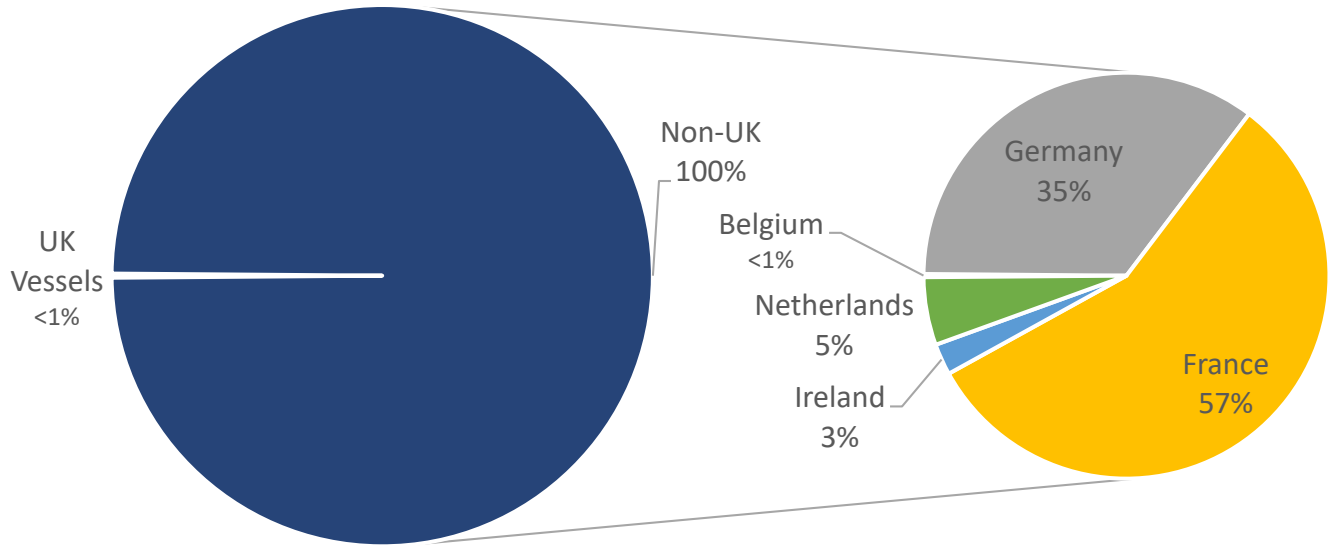
- The proposed management measure is to **prohibit bottom towed fishing over the high energy circalittoral rock** features present in Offshore Brighton.
- These features are present across the north and western portion of the site therefore, a **partial site prohibition** of bottom towed fishing is required to sufficiently protect the designated rock features in Offshore Brighton.



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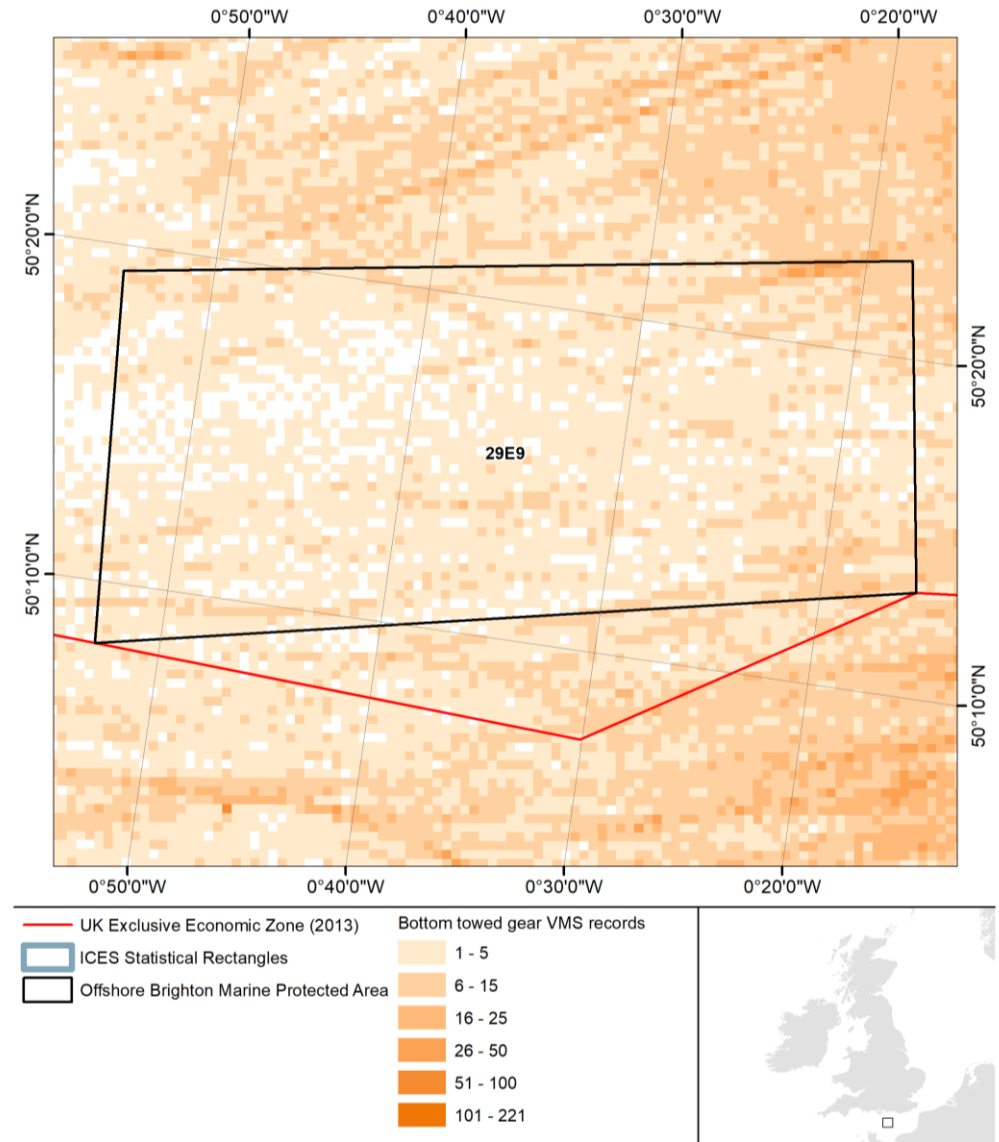
Stage 2 Formal Consultation: Offshore Brighton MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	208,769	56,236	90,635	67,846	40,963	423,486	109,931
UK Vessels	154	519	23	335	0	1,032	258
Belgium	0	0	0	1,073	1,811	1,073	268
Germany	148,691	0	0	0	0	148,691	29,792
France	58,045	53,648	82,317	45,312	33,277	239,321	59,830
Ireland	0	0	0	10,522	5,875	10,522	14,071
Netherlands	1,879	2,069	8,295	10,604	0	22,847	5,712



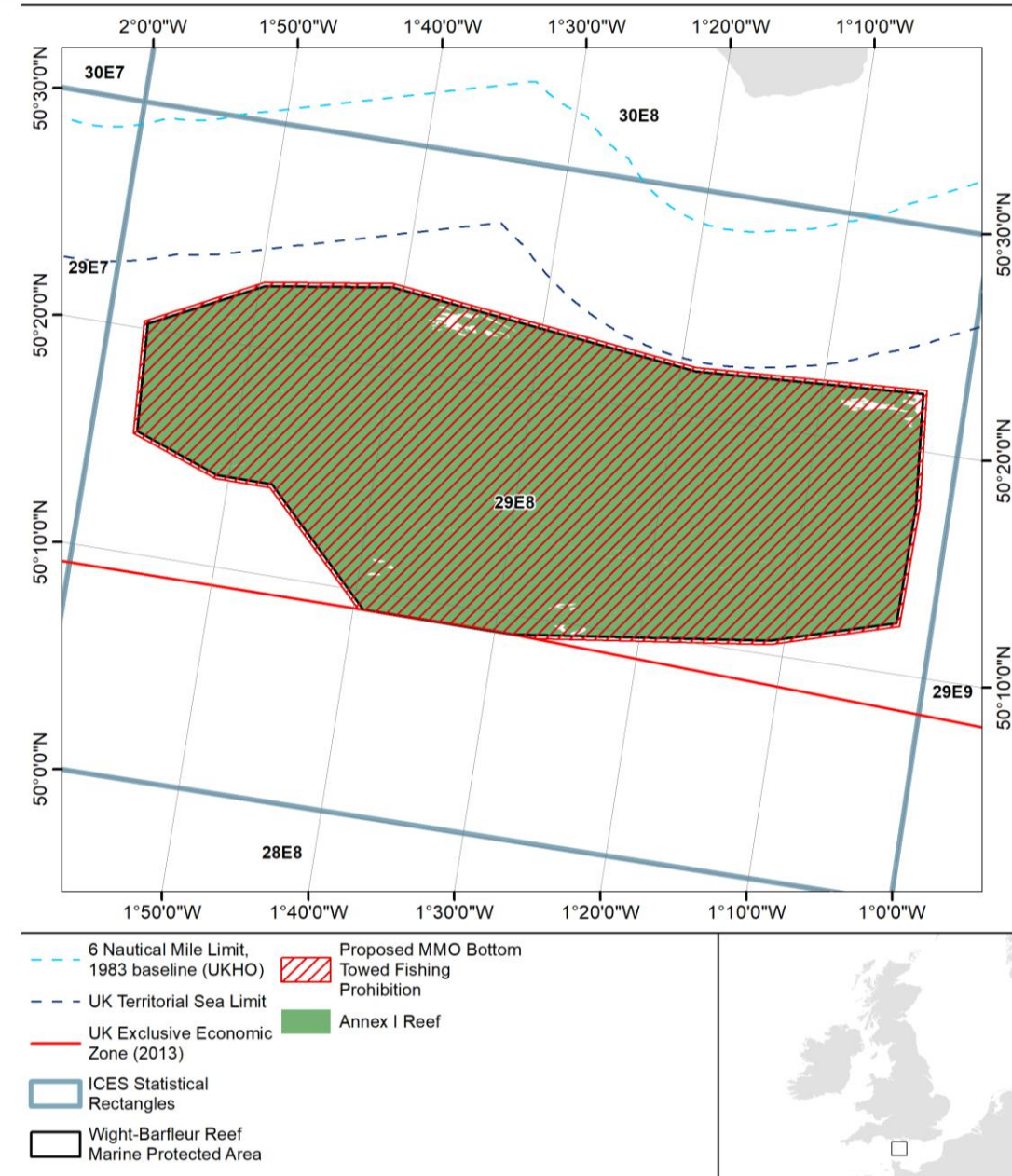
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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



Stage 2 Formal Consultation: Wight-Barfleur Reef MPA

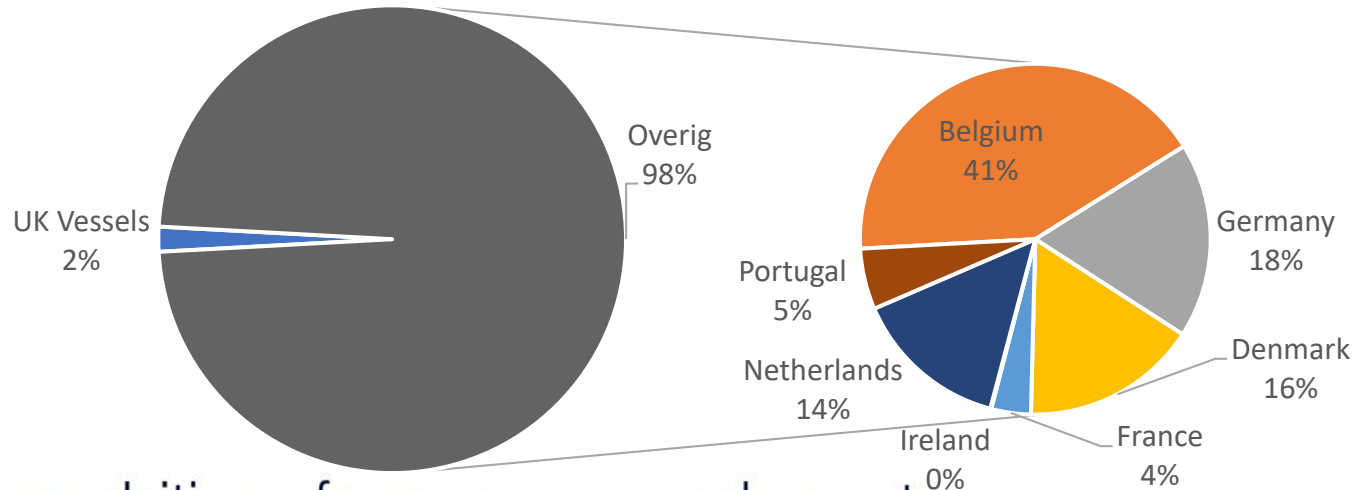
- The proposed management measure is to **prohibit bottom towed fishing over the rocky reef** feature present in Wight-Barfleur Reef.
- This feature occurs throughout the site and therefore, a **whole site prohibition** of bottom towed fishing is required to sufficiently protect the designated reef feature in Wight-Barfleur Reef.



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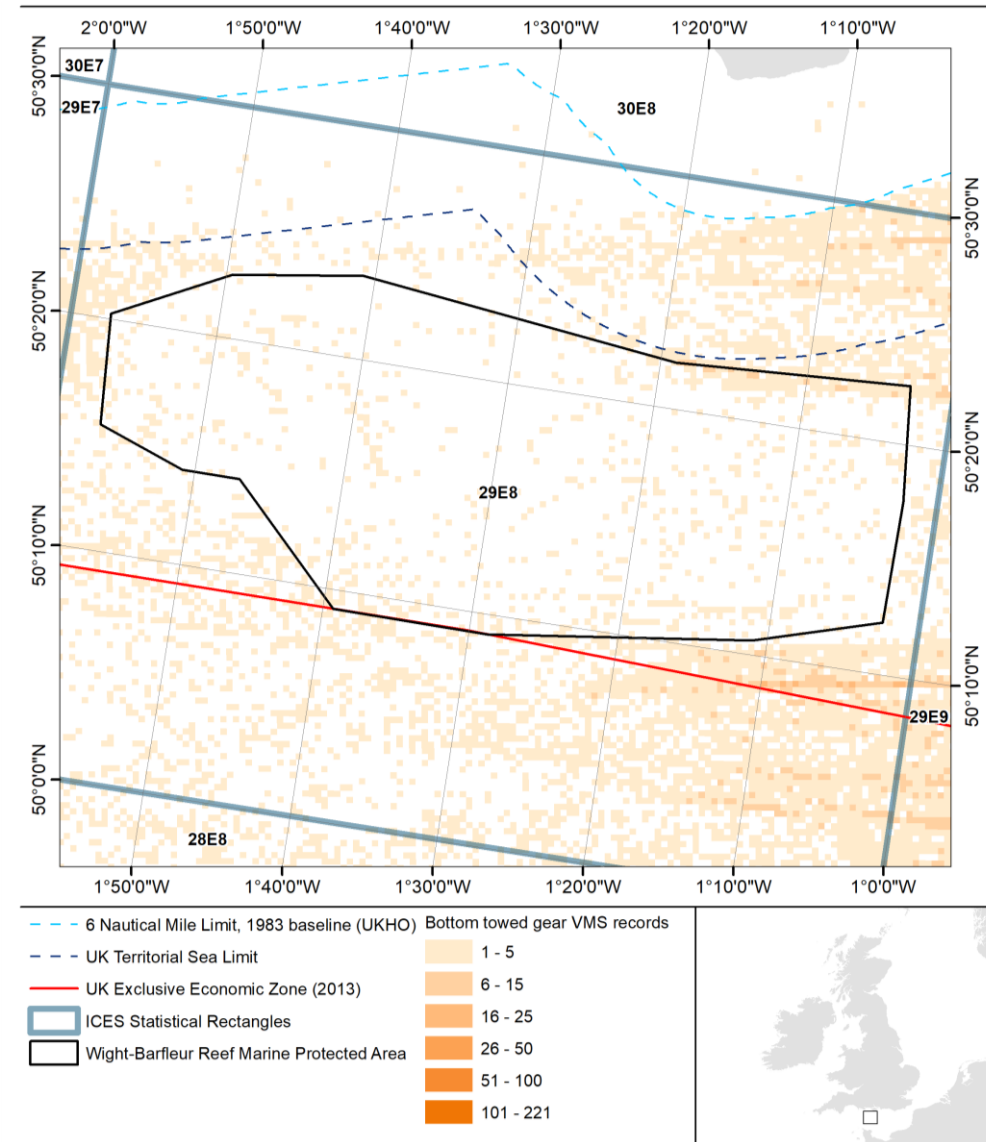
Stage 2 Formal Consultation: Wight-Barfleur Reef MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	294,624	594,723	370,626	472,396	463,407	1,732,370	494,695
UK Vessels	0	2,899	3,625	23,363	15,417	29,887	7,472
Belgium	21,573	146,261	223,185	323,477	226,152	714,497	228,256
Germany	150,137	47,846	0	108,861	68,332	306,844	76,711
Denmark	0	143,537	133,508	0	0	277,045	70,751
France	21,267	14,952	9,144	16,691	16,843	62,054	15,514
Ireland	1,556	0	0	0	0	1,556	3,414
Netherlands	100,091	143,537	1,164	4	136,663	244,796	61,199
Portugal	0	95,691	0	0	0	95,691	31,378



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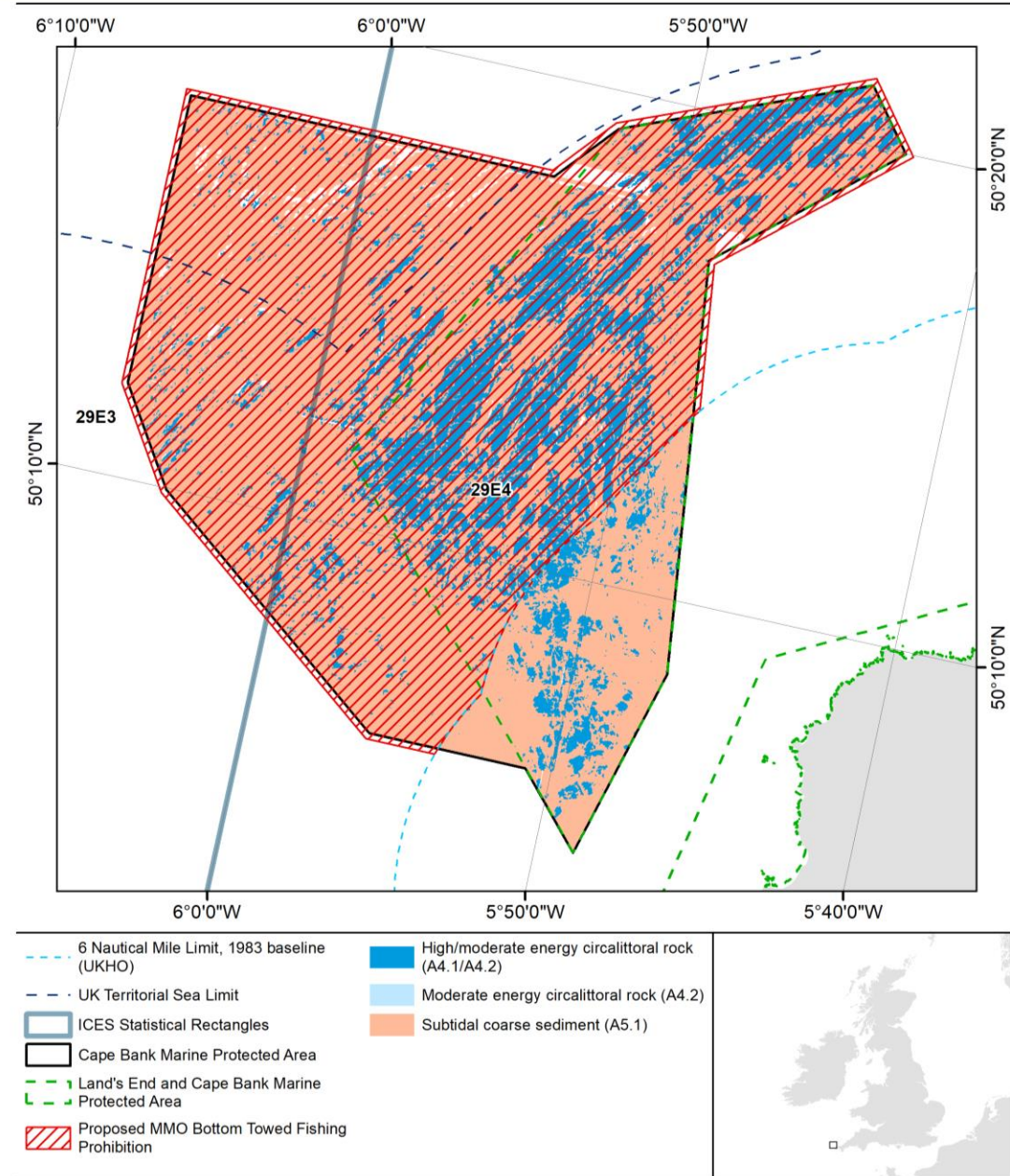
Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



Stage 2 Formal Consultation: Cape Bank MPA

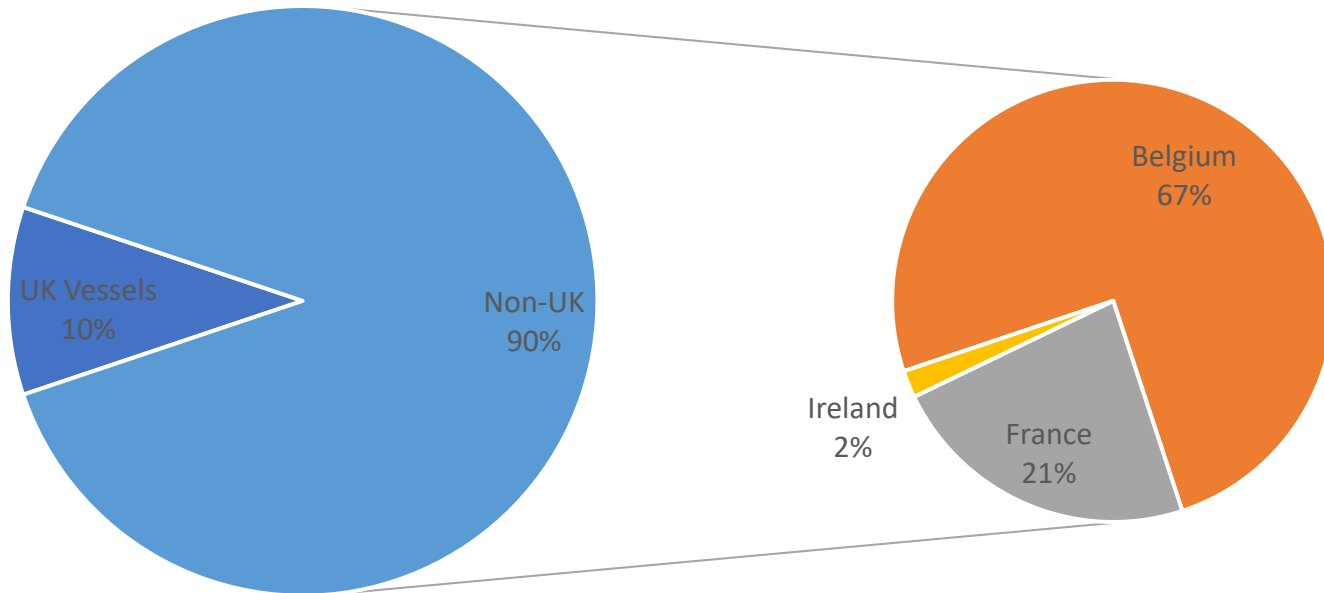
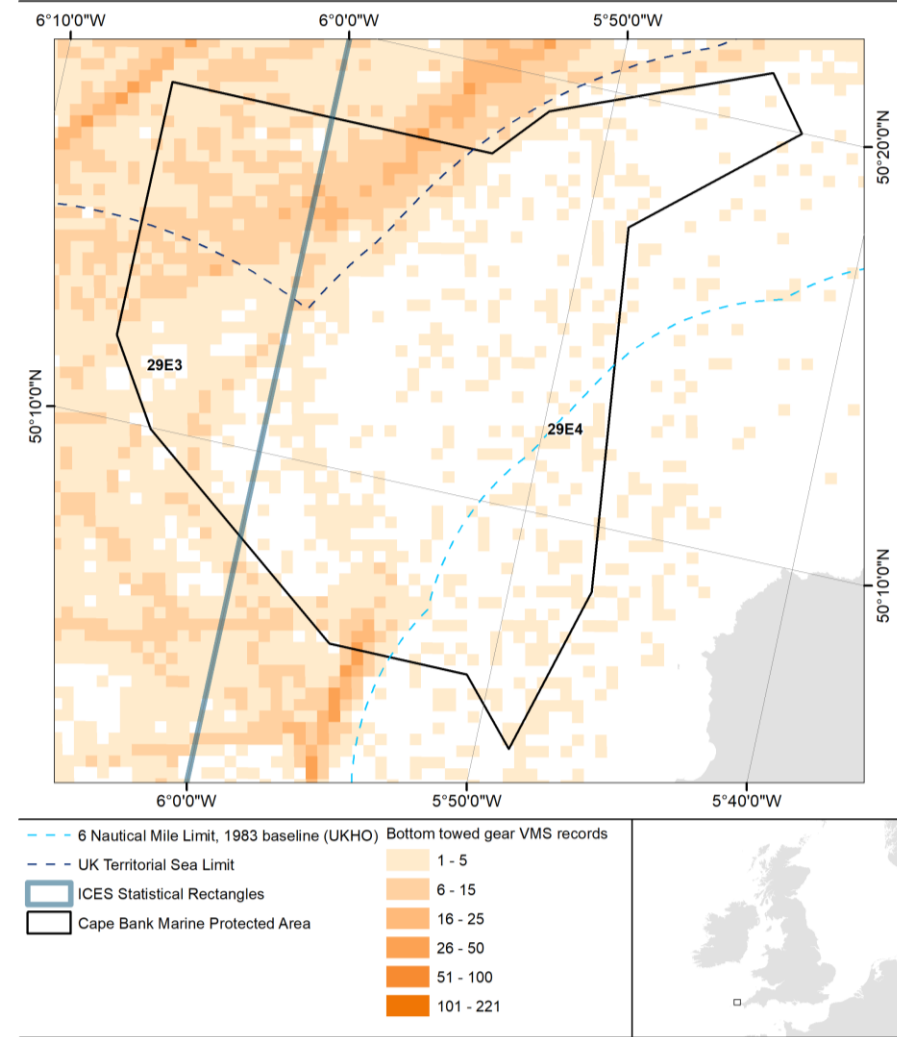
- The proposed management measure is to **prohibit bottom towed fishing over the moderate energy circalittoral rock** feature present in Cape Bank in the portion of the site offshore of 6 nautical miles (nm). The Cornwall IFCA is responsible for managing fishing within 6 nm in this area.
- The proposed byelaw also amends the current **MMO Lands End and Cape Bank European Marine Site (Specified Areas) Bottom Towed Gear Byelaw**, as data from a recent habitat survey has revealed that the current byelaw does not protect all of the Moderate energy circalittoral rock feature in the site, and therefore the existing byelaw requires amendment.
- The feature is present throughout the site therefore, a **whole site prohibition (outside of 6 nm)** of bottom towed fishing is required to sufficiently protect the designated rock feature in Cape Bank.

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Stage 2 Formal Consultation: Cape Bank MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	1,737,729	272,402	306,780	248,663	241,563	2,565,573	694,109
UK Vessels	72,582	55,862	37,723	98,363	52,985	264,529	66,132
Belgium	1,443,267	84,944	95,723	104,134	155,442	1,728,069	460,666
France	221,880	85,776	173,334	46,166	32,476	527,155	131,789
Ireland	0	45,820	0	0	660	45,820	35,522

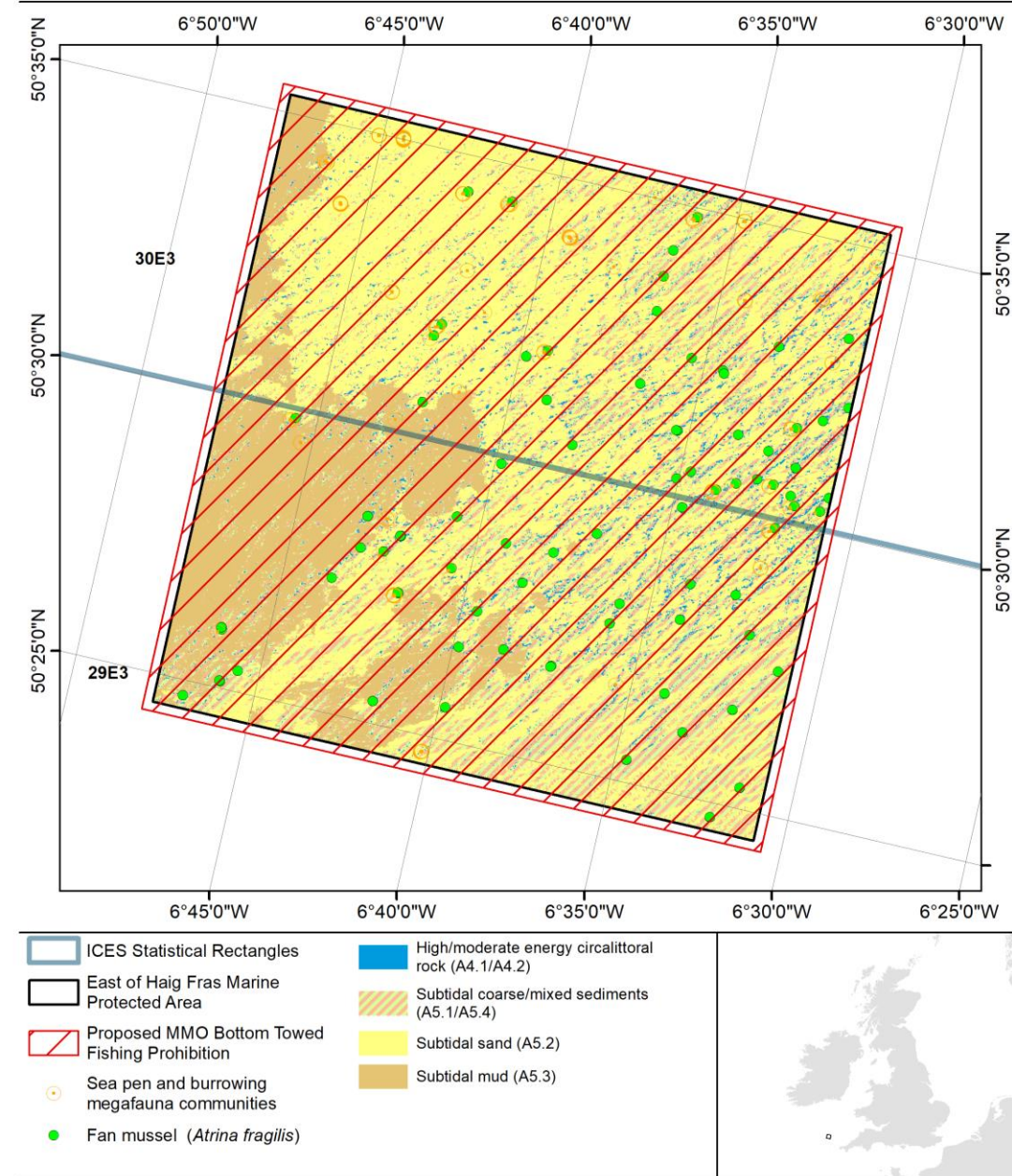


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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.

Stage 2 Formal Consultation: East of Haig Fras MPA

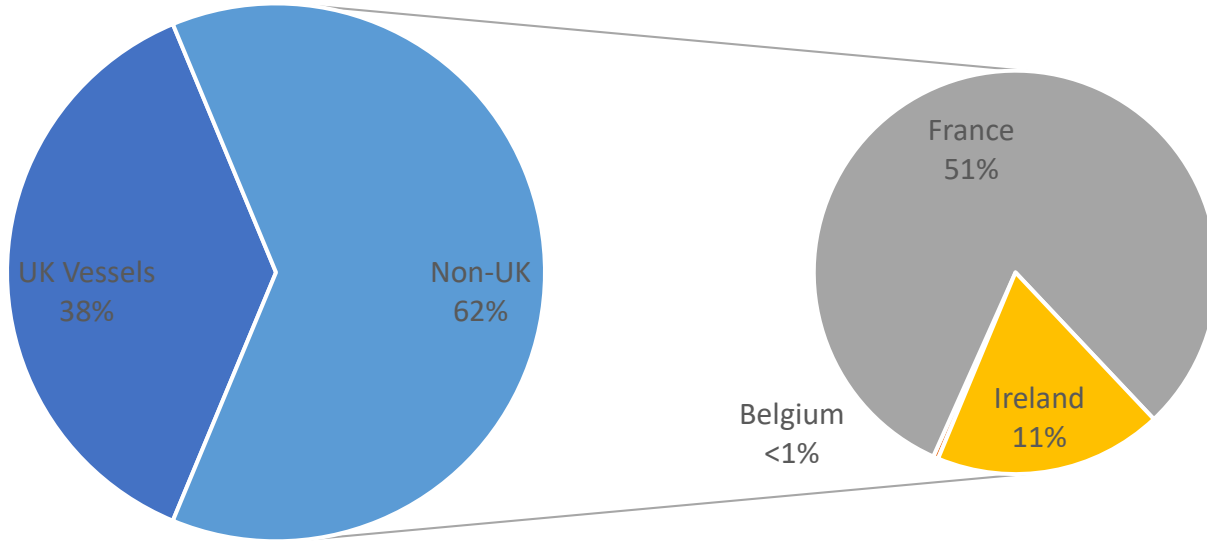
- The proposed management measure is to **prohibit bottom towed fishing over the high and moderate energy circalittoral rock features** present in East of Haig Fras. These features are present throughout the site and therefore, a **whole site prohibition** of bottom towed fishing will be required to sufficiently protect the designated rock features in East of Haig Fras.



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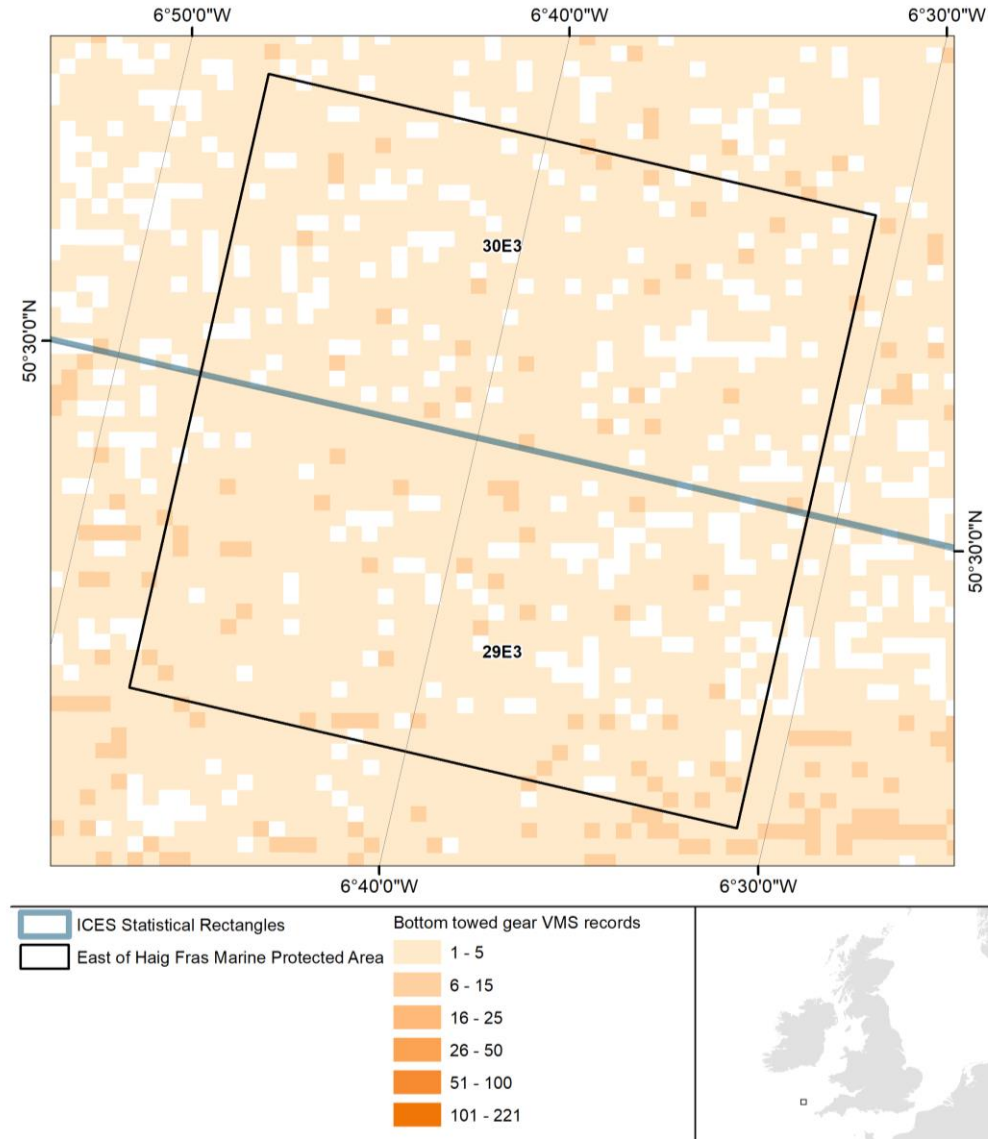
Stage 2 Formal Consultation: East of Haig Fras MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	260,916	252,512	350,578	264,946	208,556	1,128,950	339,622
UK Vessels	95,439	86,614	150,861	90,021	62,665	422,934	105,734
Belgium	0	2,967	0	0	0	2,967	35,894
France	138,838	158,818	135,679	140,509	88,751	573,843	143,461
Ireland	26,639	4,113	64,038	34,416	57,140	129,206	54,533



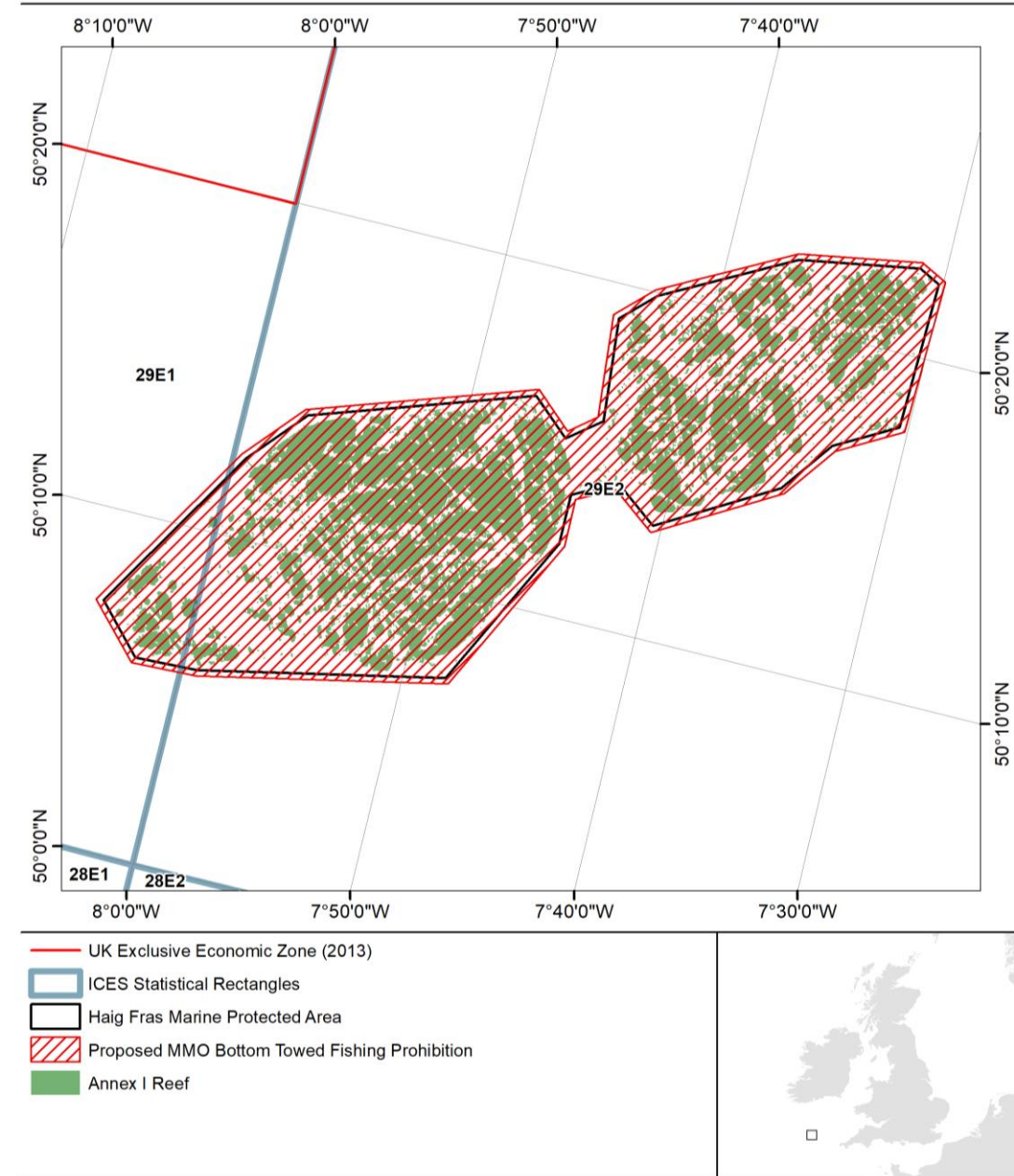
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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



Stage 2 Formal Consultation: Haig Fras MPA

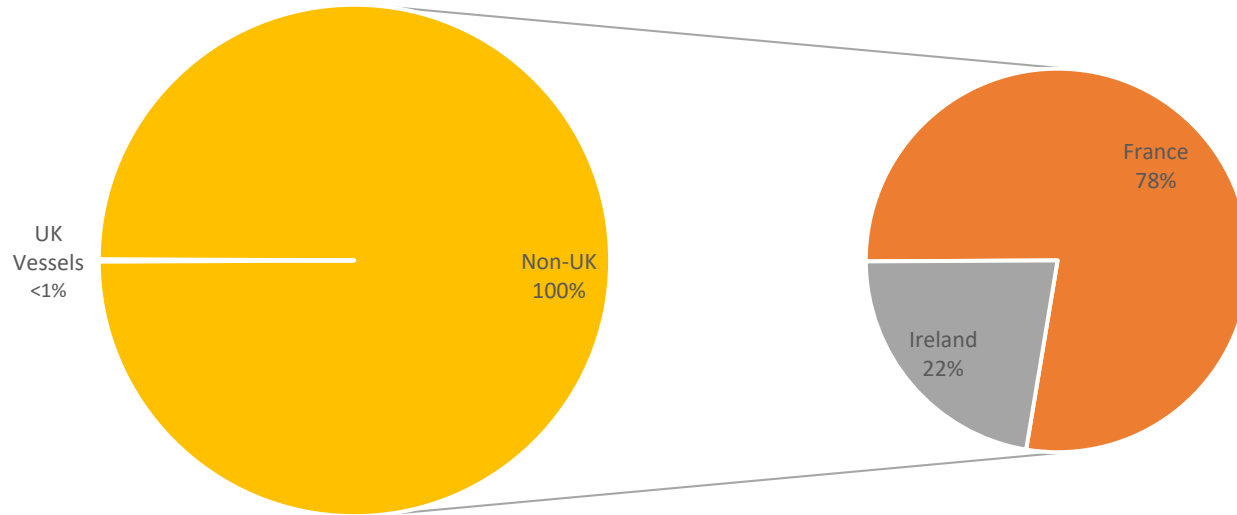
- The proposed management measure is to **prohibit bottom towed fishing over the rocky reef** feature present in Haig Fras. This feature is present throughout the site and therefore, a **whole site prohibition** of bottom towed fishing is required to sufficiently protect the designated reef feature in Haig Fras.



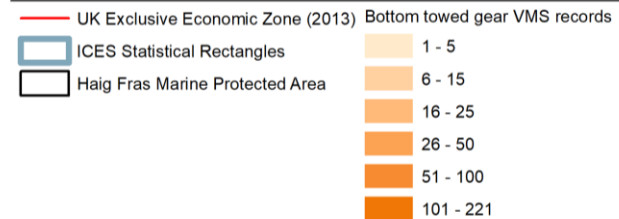
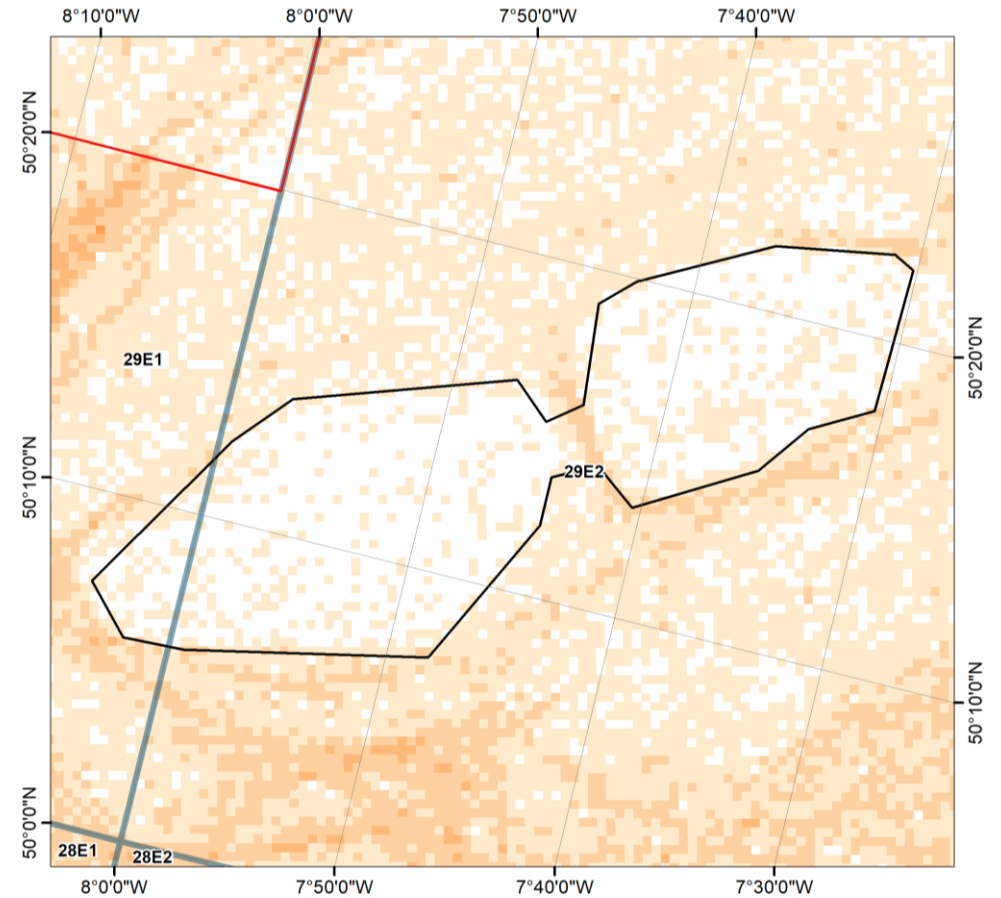
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Stage 2 Formal Consultation: Haig Fras MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	102,589	85,293	127,890	60,800	43,590	376,573	104,559
UK Vessels	0	599	0	0	0	599	150
France	76,601	63,176	112,326	40,038	20,244	292,142	73,035
Ireland	25,988	21,518	15,564	20,762	23,346	83,832	31,374



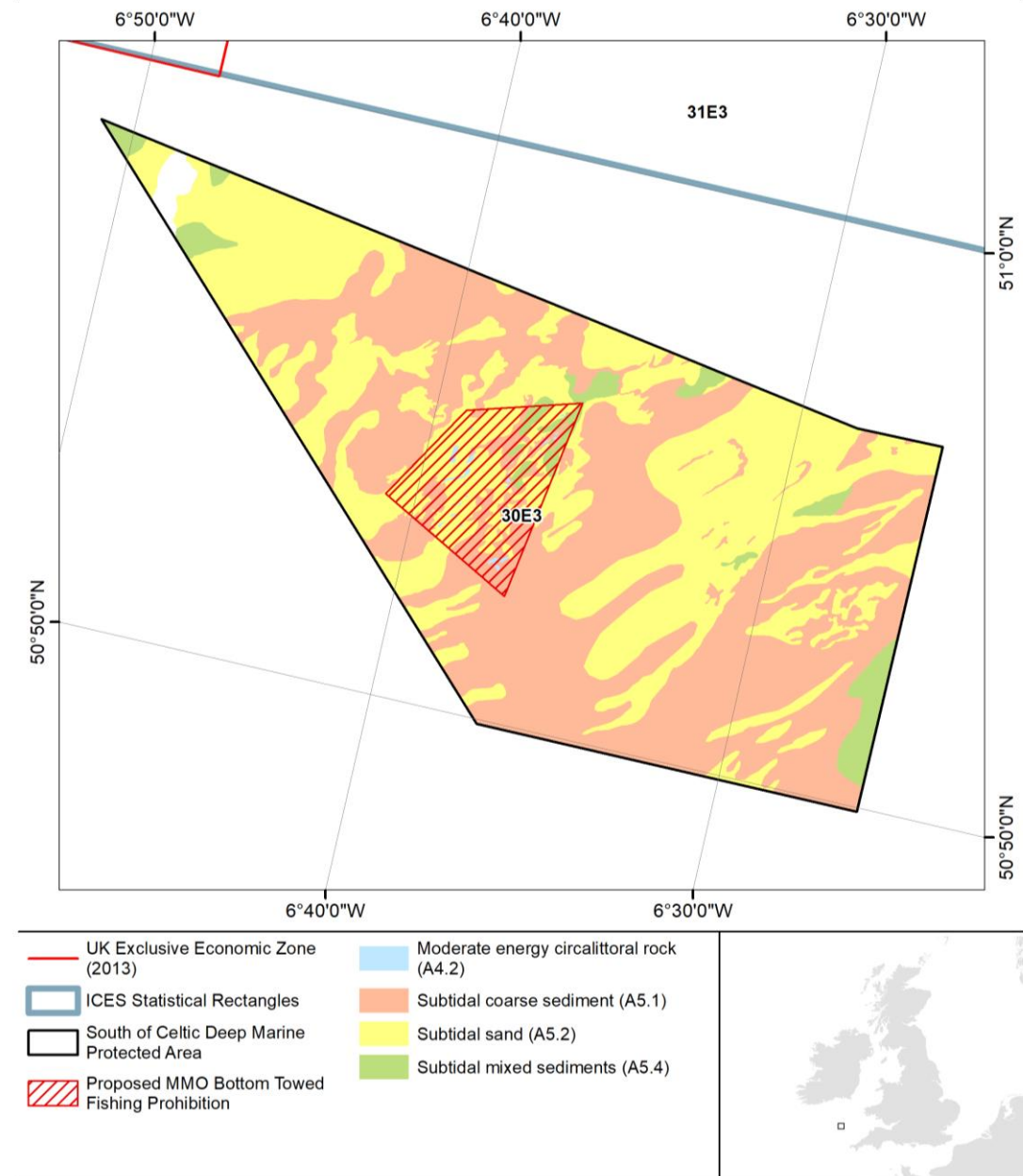
Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



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Stage 2 Formal Consultation: South of Celtic Deep MPA

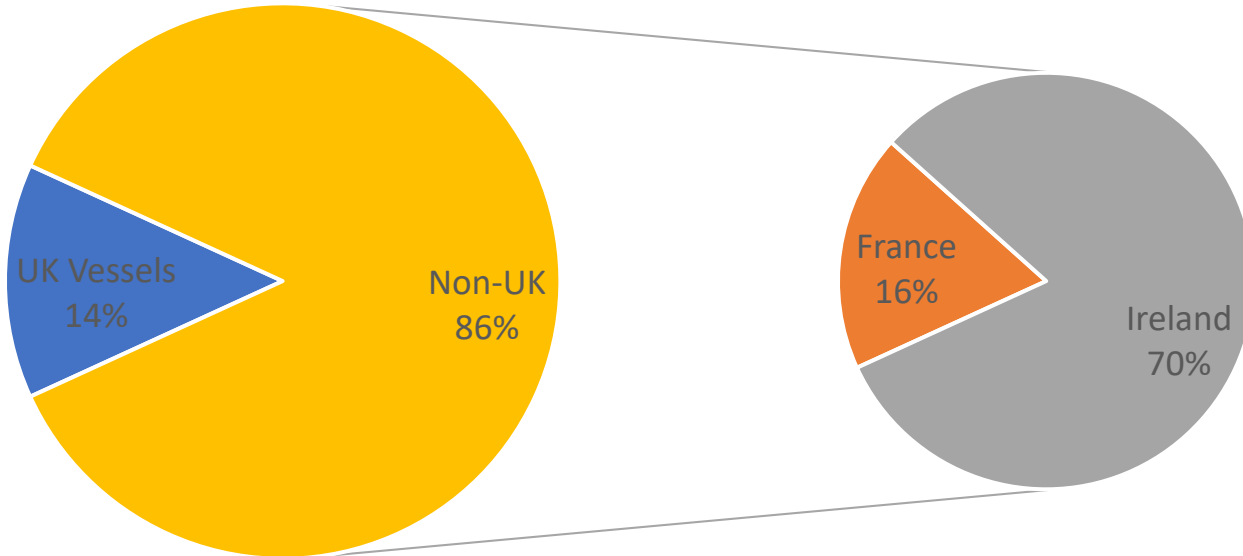
- The proposed management measure is to **prohibit bottom towed fishing over the moderate energy circalittoral rock** feature present in South of Celtic Deep. This feature is present in a discrete area within the centre of the site therefore, a **partial site prohibition** of bottom towed fishing over areas of this feature is required to sufficiently protect the designated rock feature in South of Celtic Deep.



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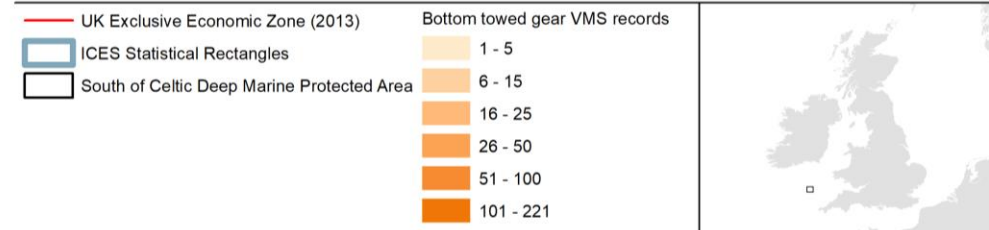
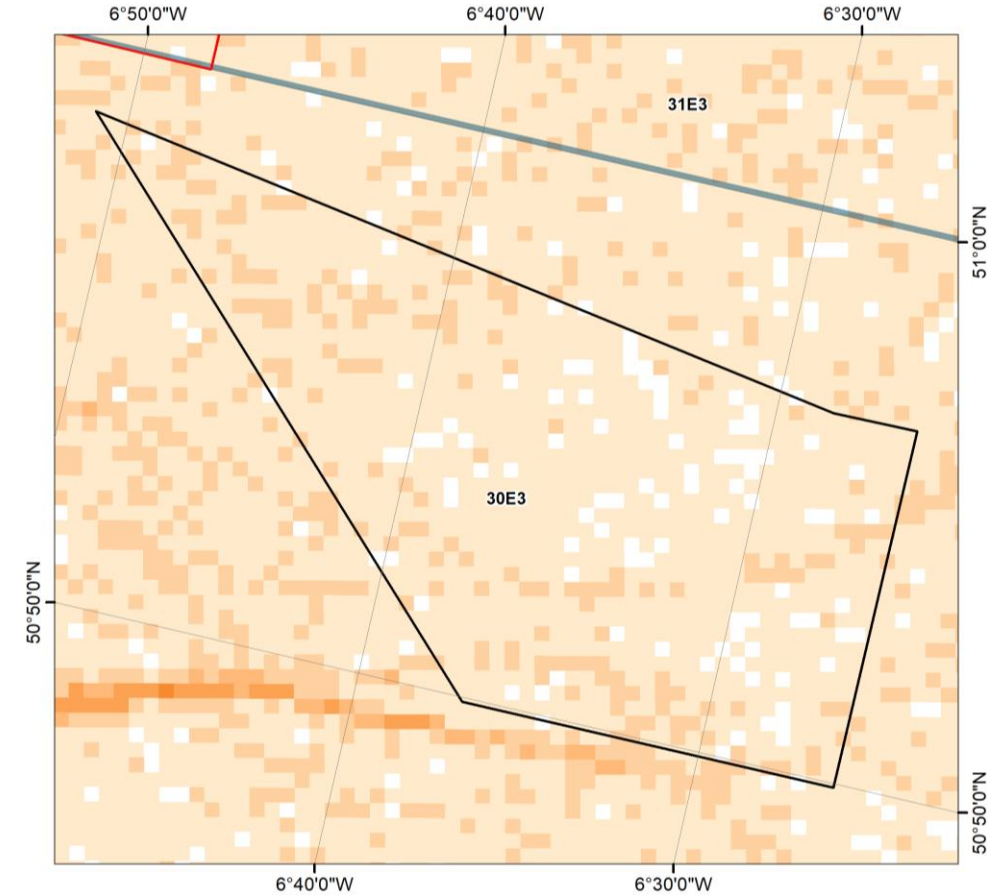
Stage 2 Formal Consultation: South of Celtic Deep MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	8,060	14,210	20,186	31,291	18,218	73,748	16,429
UK Vessels	488	7,288	2,287	19	293	10,082	2,521
France	1,965	4,305	458	5,025	3,682	11,753	2,938
Ireland	5,607	2,617	17,441	26,247	14,243	51,913	10,970



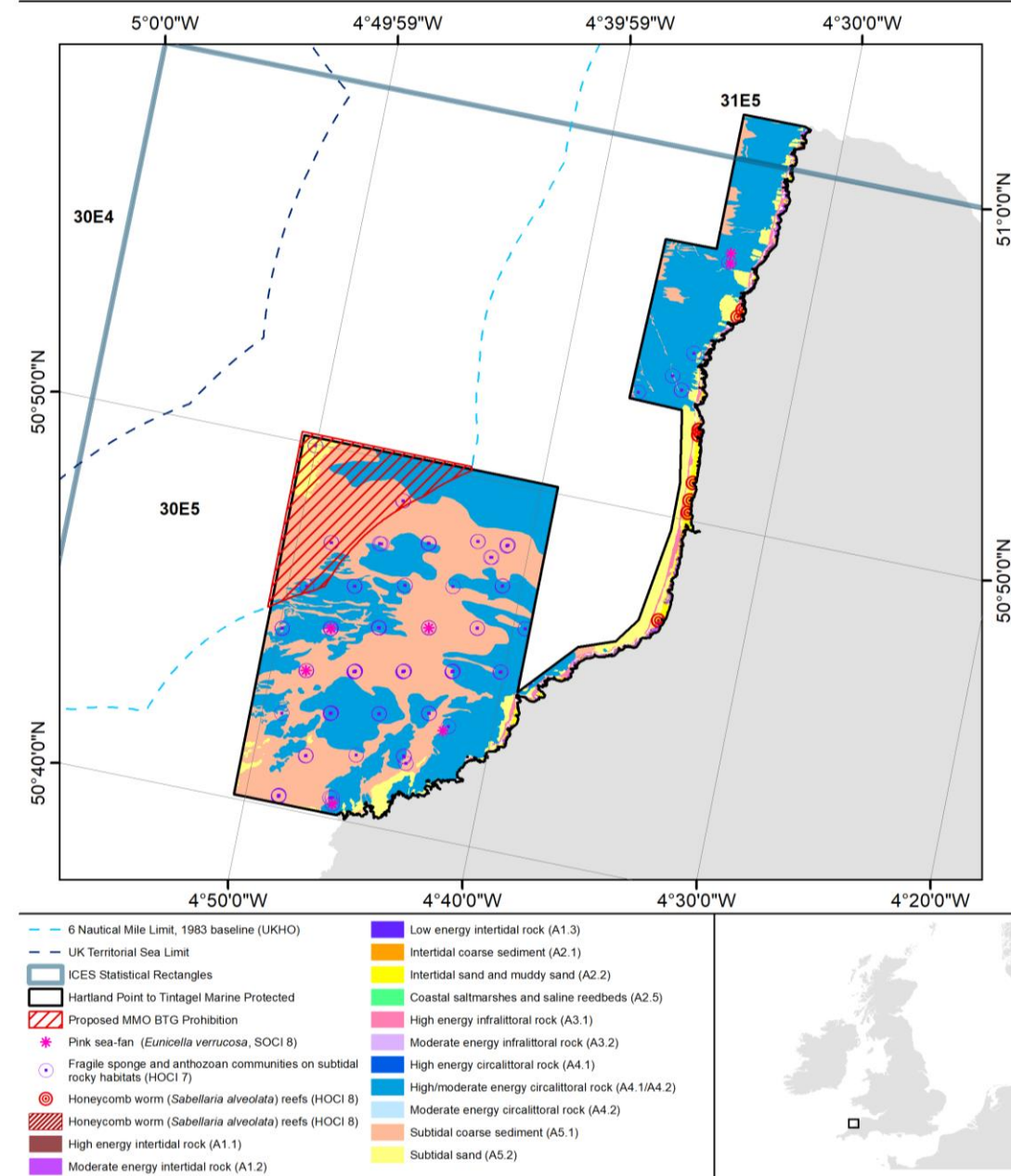
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Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



Stage 2 Formal Consultation: Hartland Point to Tintagel MPA

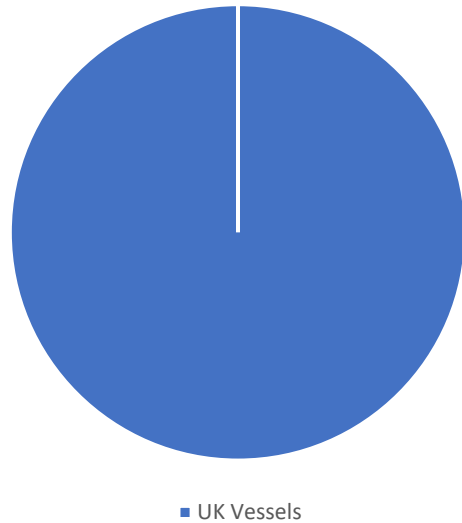
- The proposed management measure is to **prohibit bottom towed fishing over the high and moderate energy circalittoral rock, fragile sponge and anthozoan communities on subtidal rocky habitats and pink sea-fans** features present in Hartland Point to Tintagel in the portion of the site offshore of 6 nm.
- The relevant IFCAs are responsible for managing fishing within 6 nm in this area. These features are present throughout the site therefore, a **whole site prohibition** of bottom towed fishing is required to sufficiently protect the designated features in Hartland Point to Tintagel.



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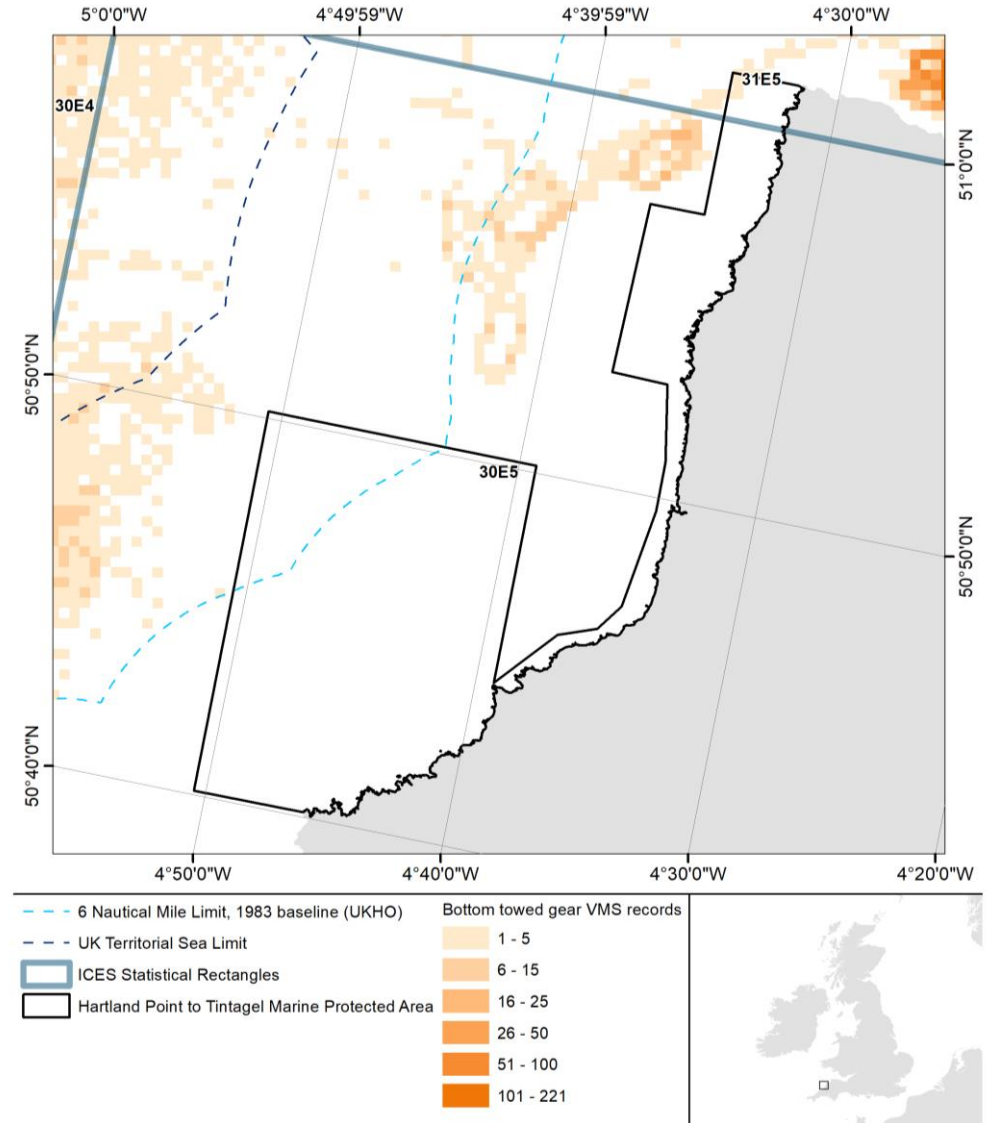
Stage 2 Formal Consultation: Hartland Point to Tintagel MPA

	2016	2017	2018	2019	2020	Total landings value from 2016 - 2019 (£)	Annual average landings value from 2016 - 2019 (£)
Total	171	2080	1751	3389	1314	7391	1848
UK Vessels	171	2,080	1,751	3,389	1,314	7,391	1,848



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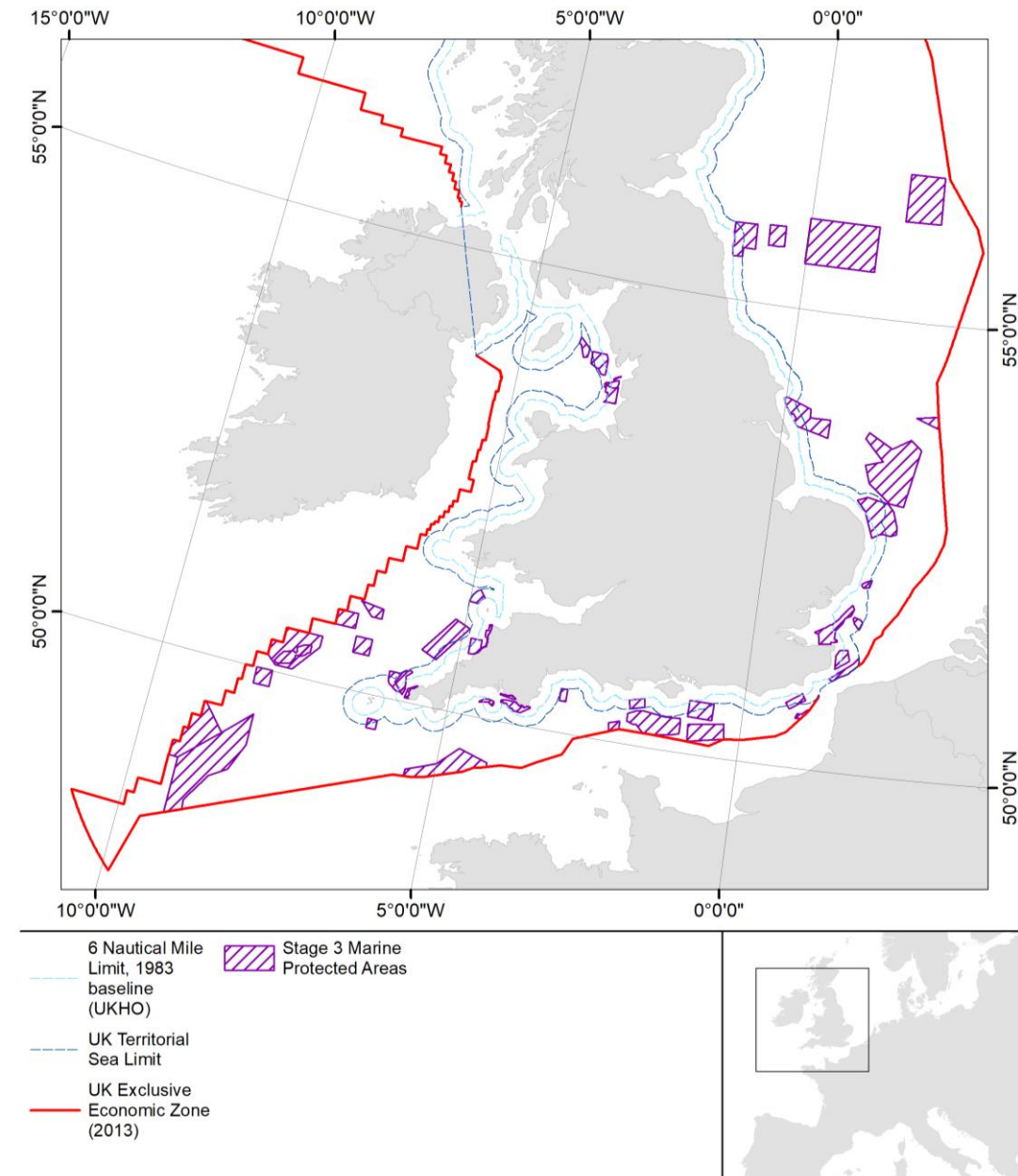
Percentage breakdown represented is the average annual landings value from 2016 – 2019 in £.



Stage 3 Call for Evidence

- 28 new MPAs and all 13 Stage 2 MPAs assessing the interaction between site features and **traps, anchored nets and lines** and **bottom towed gear**.
- Site-level assessments will be completed and consulted upon, with any required management in place by the end of 2024.
- MMO have collated and analysed all available evidence on the above interactions and are asking for views and further evidence.
- [Call for Evidence](#) from 17 January 2023 to 28 March 2023.

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Stage 3 Call for Evidence Documents



- The gear documents summarise current evidence on interactions between each fishing gear group and the designated features of each site
- Gear documents will form the basis of the site assessments and potential management measures

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Stage 2

- Consider and respond to formal consultation responses and draft decision document
- Depending on outcome of consultation - make and seek confirmation of finalised byelaws

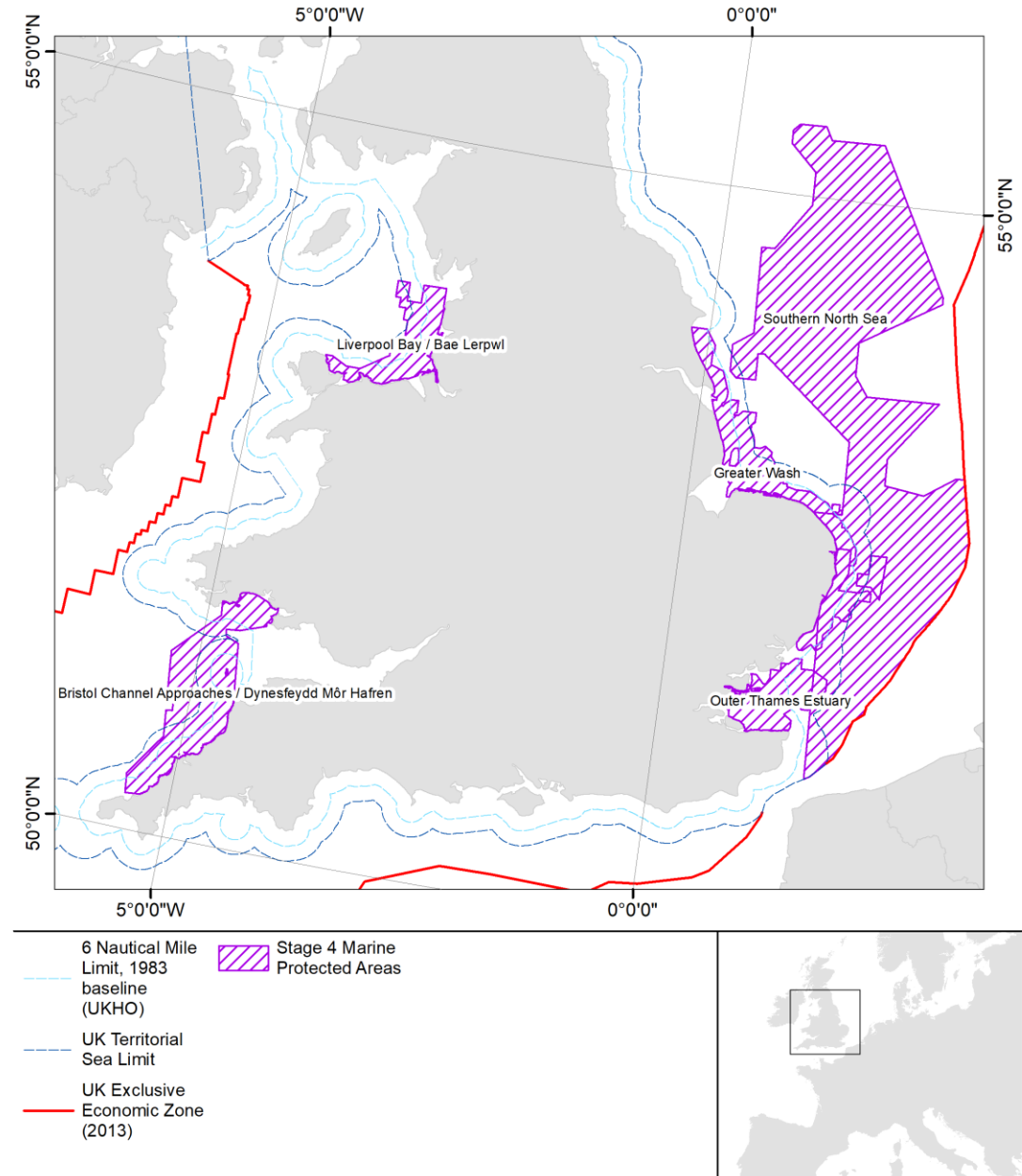
Stage 3

- Finalise gear documents (with new information if applicable)
- Draft site-level assessments, byelaw(s) and impact assessment(s) and formal consultation materials
- Formal consultation in early 2024

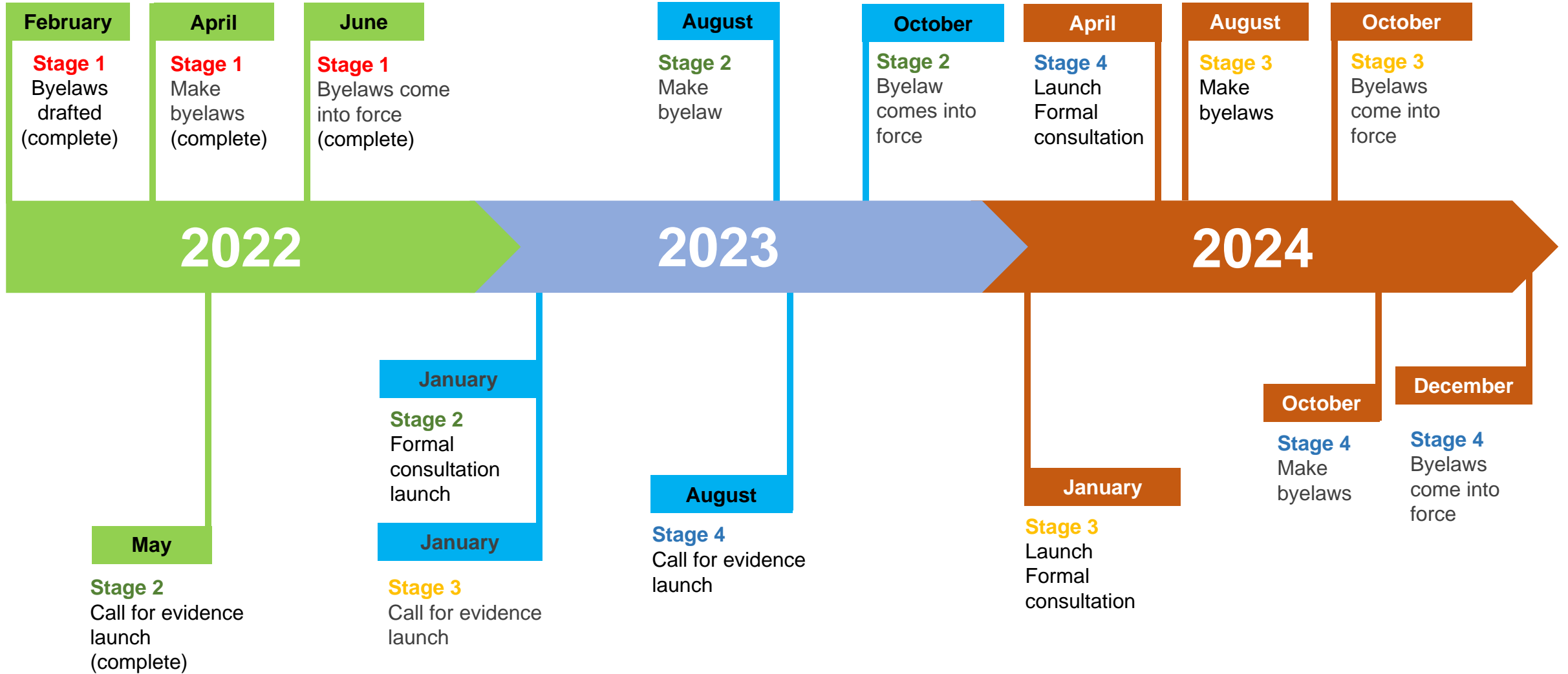
Stage 4

- Mobile species: harbour porpoise and marine birds
- Five sites (see map)
- Gather and analyse evidence for call for evidence planned summer 2023

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Offshore MPA Fisheries Management Timeline



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Marine
Management
Organisation

Any questions?

conservation@marinemanagement.org.uk

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