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Assessment of the protection of Important Bird and Biodiversity Areas for seabirds by Special Protection Areas of the Natura 2000 network

How well are EU Member States
protecting seabirds?

Contact

Daniel Mitchell
European Marine Coordinator
Daniel.Mitchell@birdlife.org

Authors: Daniel Mitchell, Antonio Vulcano and Maria Dias

Design and editing: Naïma Crotti

We are grateful for the support and contributions provided by our BirdLife Partners in the EU Member States covered by this report.

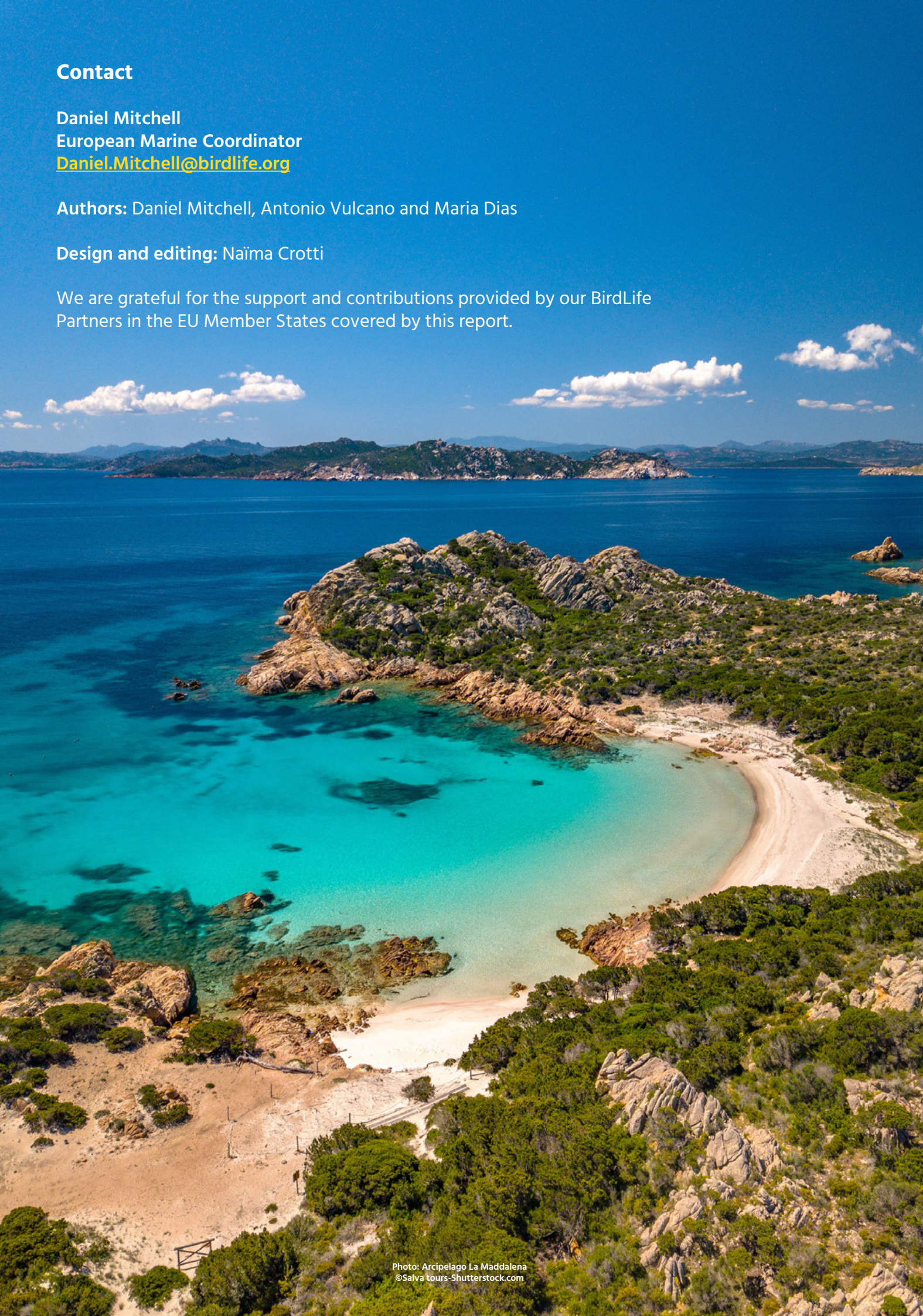


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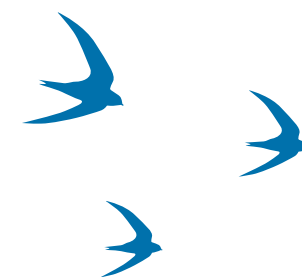
Sixty-seven seabird species, including endemic and threatened species, breed and/or spend the winter in the European Union. Although they return to land to breed, seabirds depend on the marine environment for food and spend long periods out at sea. These charismatic and ecologically important species are affected by threats both on land, such as invasive alien species and disturbance at their colonies, and at sea, including bycatch, overfishing, energy installations and pollution. The effective protection of seabird breeding colonies and the coastal and offshore marine areas that they use is vital for safeguarding their future.

Special Protection Areas (SPAs) designated under the Birds Directive—which form part of the European Natura 2000 network—provide essential spatial protection for the most important areas for seabirds. The EU Biodiversity Strategy to 2030 aims to increase to 30% the protection of the sea in the EU. This will require a significant expansion of the Marine Protected Area (MPA) network as only 11% of the sea in the EU was protected by 2019. The completion of the marine Natura 2000 network—which has lagged far behind the terrestrial network—will make an important contribution to the achievement of this goal.

Important Bird and Biodiversity Areas (IBAs) identified by the BirdLife Partnership represent a network of sites that are significant for the long-term viability of birds. They are identified using scientifically robust and standardised criteria¹ and have consistently been used as a scientific reference list for the designation of SPAs².

This report assesses the extent to which IBAs that are important for seabirds (Seabird IBAs) are currently protected by the SPA network in the 22 coastal EU Member States. The results are presented in individual country sheets which highlight progress made with SPA designation in the marine environment since 2014, when BirdLife undertook a similar assessment³, and identify gaps that need to be filled to complete the SPA network at sea. The graphs and figures in the country sheets summarize the results of the analysis, whilst the text provides an overview of the current situation in the country.

In cases where IBAs triggered by specific seabird species are not well covered by a country's SPA network this is highlighted in the text.



The approach and methodology used for the analysis (see Appendix 1) differs from that used in the 2014 report, therefore, no direct comparisons are made between the figures presented. The IBAs included in the analysis for each country, and the result of the spatial analysis per site, can be found in Appendix 2.

The assessment highlights that to achieve the effective protection of seabirds in the EU there remains an urgent need to identify and designate further sites at sea. Although not addressed in our analysis, in order to fulfill their purpose it is also important that all sites are properly managed, with clearly defined and quantifiable science-based conservation objectives in place, sufficient conservation measures to achieve these objectives, and effective monitoring.

It should be noted that this assessment of the protection of the seabird IBA network by SPAs assumes that the seabird IBAs identified to date represents a complete network of the most important sites for seabirds. For many countries this is not the case, as a lack of funding and/or capacity has hindered the identification of these sites. In some Member States the SPA network at sea is substantially larger than the marine IBA network, clearly indicating important gaps in the identification of seabird IBAs at sea and the need for further research.

Abbreviations for sites

- **IBA** - Important Bird and Biodiversity Area - sites that are significant for the long-term viability of birds, identified using scientifically robust and standardised criteria.
- **Seabird IBA** - an IBA that is triggered by at least one seabird species (they can be either Marine IBAs or Coastal (terrestrial) IBAs)
- **Marine IBA** - an IBA that partially, or fully, overlaps with the marine environment
- **Coastal IBA** - for the purpose of this report, a terrestrial IBA triggered by at least one seabird species with at least a single point of its boundary located <50km from the coast
- **SPA** - Special Protected Area - site designated under the Birds Directive, and forming part of the Natura 2000 network

1. <http://datazone.birdlife.org/site/ibacriteria>

2. https://ieep.eu/uploads/articles/attachments/feadbd88-85b8-4967-a786-907cd4ee72bb/9.2_Birds_and_their_habitats_-_final.pdf?v=63664509870

3. https://www.birdlife.org/sites/default/files/attachments/2014.11_MarinaN2K_ProgressReport_0.pdf

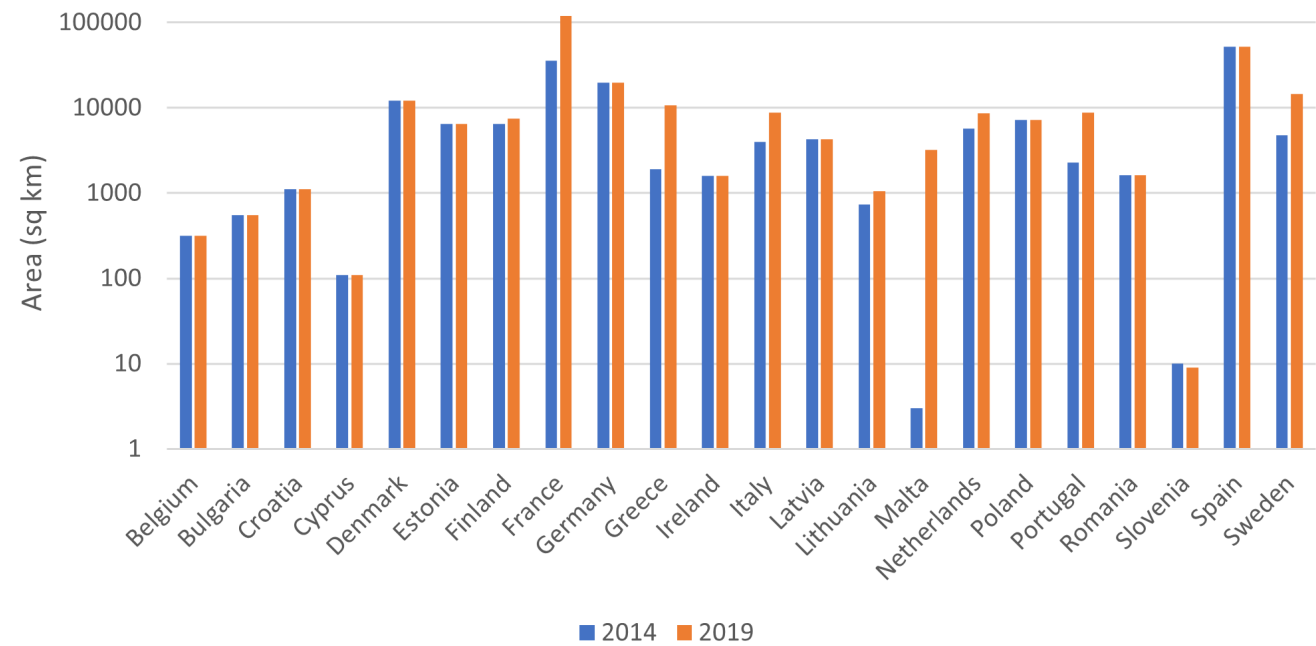


Fig 1: Marine area of Special Protected Areas (SPAs) as reported by EU Member States in 2014 and 2019 (data from the Natura 2000 Barometer “End2014” release and “End2019” release; the “End 2019” release was the most recent release at the time the analysis presented in this report was conducted)

This report finds that:

- Compared to 2014 only 8 Member States (France, Greece, Italy, Lithuania, Malta, the Netherlands, Portugal, and Sweden) have significantly increased the size of their marine SPA network by designating additional sites at sea (see Fig 1).
- Only France and Germany have more than 30% of their marine area⁴ within the SPA network. In Estonia, Denmark, Latvia, Lithuania, the Netherlands, and Poland, SPAs cover between 11% and 22% of the marine area, while in the remaining Member States they cover <10%.
- The marine SPA network covers 3% or less of the marine area of Greece and Slovenia, and less than 2% of the marine area of a further 6 Member States: Bulgaria, Croatia, Cyprus, Ireland, Italy, and Portugal. In these countries the designation of additional sites is urgently needed.
- The designation of SPAs in offshore areas to protect pelagic seabird species is insufficient in more than half of the 22 coastal EU Member States. The identification and designation of sites for pelagic species should be prioritized in these countries.
- There is an urgent need to ensure that all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and the necessary conservation measures to achieve these objectives.
- The marine IBA network covers less than 2% of the marine area of Belgium, Ireland, Cyprus, Croatia, Portugal and Bulgaria, demonstrating the urgent need for further research to identify marine areas that fulfill the IBA criteria.
- In Denmark, Finland, France, Ireland, Italy, Lithuania, Portugal, Slovenia, and Sweden <60% of the marine area of IBAs is within the SPA network, meaning that these countries are failing to protect marine sites that are important for birds. These areas should be added to the SPA network as a priority.
- In Bulgaria, Croatia, Estonia, Malta, Romania and Spain more than 95% of the marine area of IBAs is within the SPA network. However, IBAs cover less than 10% of the marine area of these countries, except Estonia (17%), and the identification and protection of additional sites is needed.
- IBAs for some threatened seabird species are currently not adequately protected within the SPA network, including for Velvet Scoter, Black-legged Kittiwake, and Red-necked Grebe in Denmark; for Common Eider in Finland; for Greater Scaup, Velvet Scoter, Common Eider, Black-legged Kittiwake, and Arctic Jaeger in Sweden; and for Cory’s Shearwater and Monteiro’s Storm-petrel in Portugal.

4. Marine area refers to a country’s Territorial Sea and Exclusive Economic Zone

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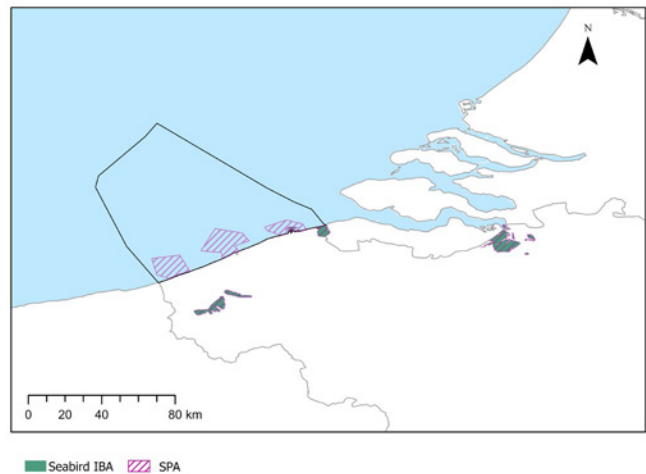
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Belgium

Progress since 2014: No new marine SPAs have been designated.



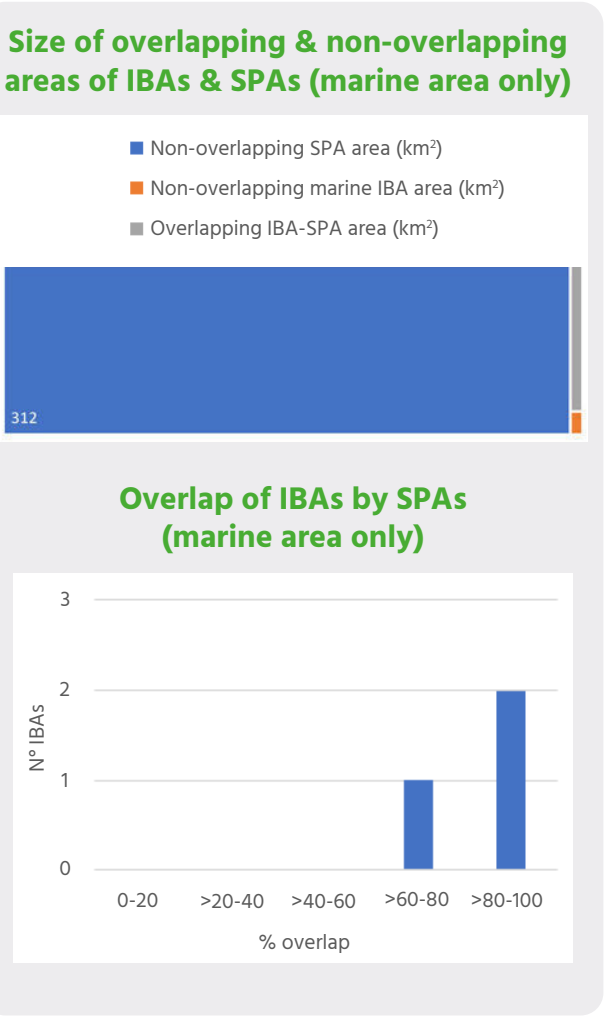
2021 - Status update on mIBAs and Natura 2000 for seabirds

Belgium’s coastline—approximately 65 km in length—borders the southern part of the North Sea. Its marine area is the second smallest in the EU, but contains a range of important habitats, such as sand banks and reefs. It is important for migratory and wintering sea ducks, such as the Velvet Scoter (EU Red List, Vulnerable), as well as grebes, eiders, auks, and various gull and tern species. The Natura 2000 network designated by the Belgian Government includes three relatively large marine SPAs for seabirds. The IBA network identified by BirdLife’s Partners in Belgium (Natuurpunt & Natagora) includes some coastal sites, however, no sites have been identified in the offshore region. The SPA network protects 86% of the marine area of the coastal IBAs identified.

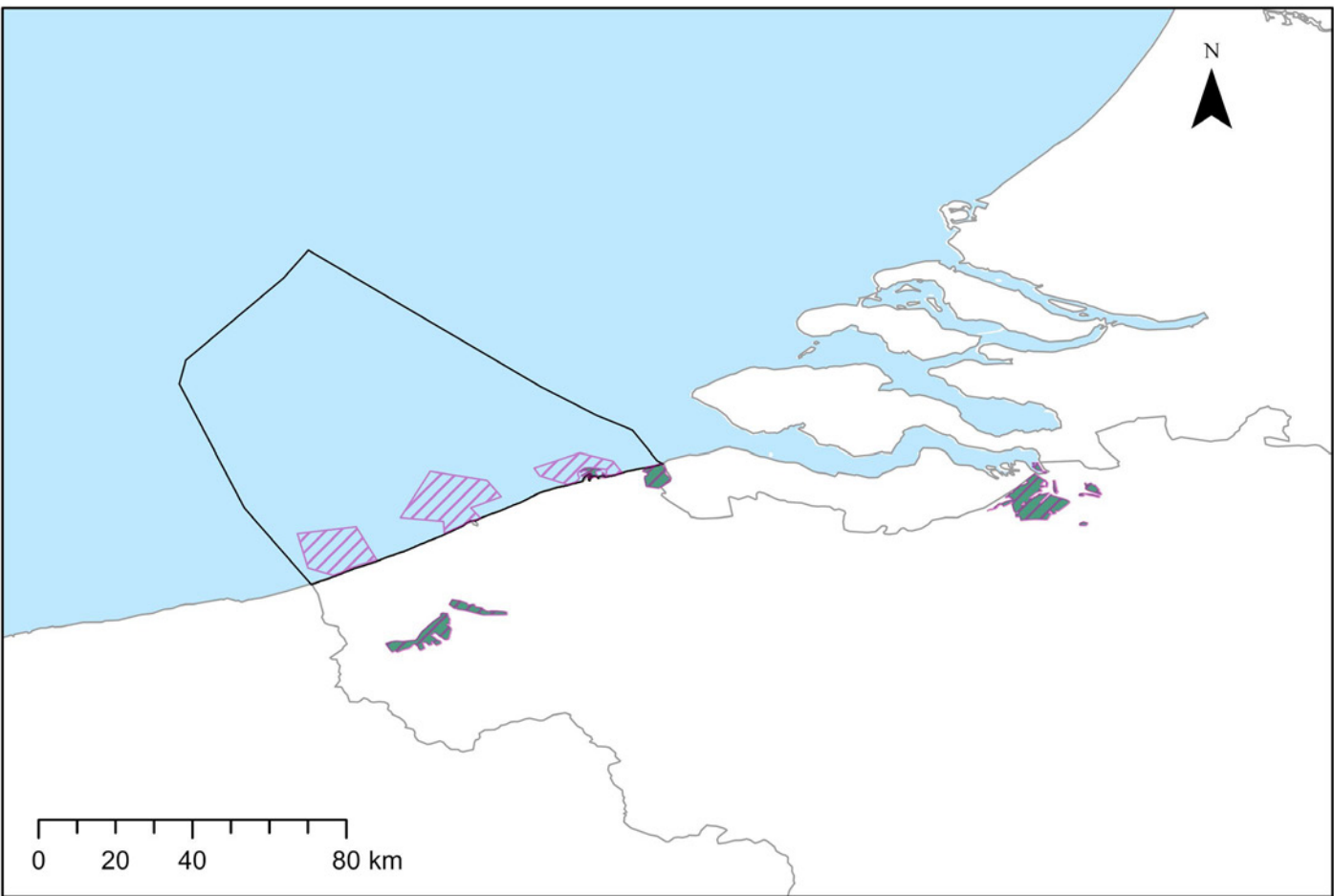
	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	6	318	9%		
Seabird IBAs (marine area only)	3	7	<1%	6	86%
Seabird IBAs (terrestrial & marine areas)	5	148		141	95%

Next steps and priorities:

- Identify offshore sites for pelagic species that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.



Belgium



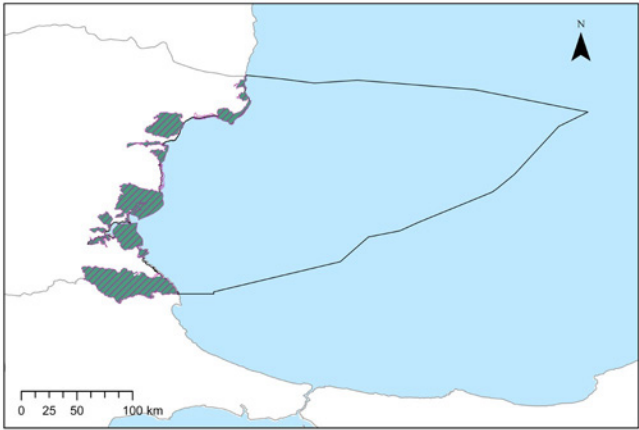
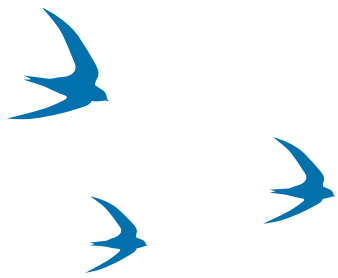
Map Legend

- Seabird IBA
- SPA



Bulgaria

Progress since 2014: No new marine SPAs have been designated.



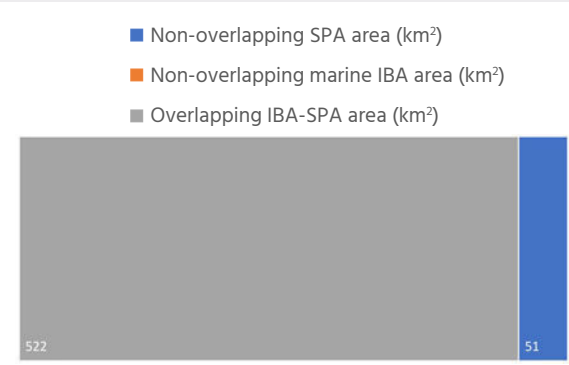
Seabird IBA SPA

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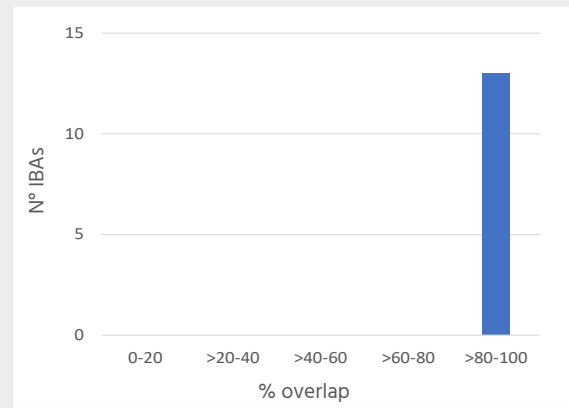
Bulgaria has a relatively small marine area located in the Black Sea. The Black Sea is particularly important for the Yelkouan Shearwater (EU Red List, Vulnerable) during its non-breeding period, and the Bulgarian coast also includes small breeding colonies. Bulgaria is important for breeding and non-breeding populations of Yellow-legged Gull, for a small population of European Shag (Mediterranean subspecies), as well as various gull and tern species. The Bulgarian Government has designated 17 coastal SPAs, which closely mirror and protect the marine IBA sites compiled by BirdLife’s Partner in Bulgaria (BSPB). Although the coastal SPA network is well developed, there are no pelagic sites and currently only 1.6% of Bulgaria’s waters are protected by SPAs.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	17	573	1.6%		
Seabird IBAs (marine area only)	13	522	1.5%	522	100%
Seabird IBAs (terrestrial & marine areas)	14	3,124		3,124	100%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



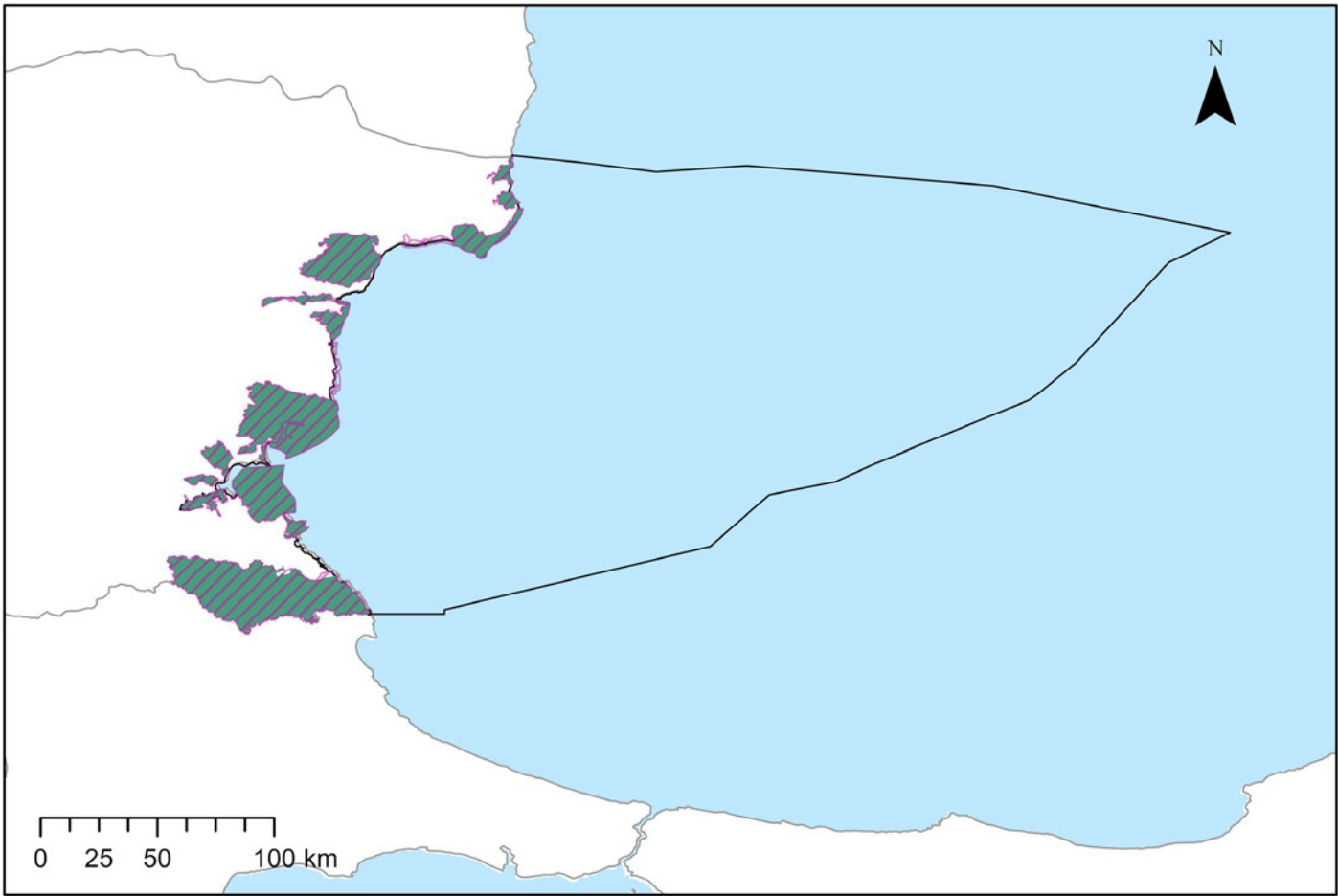
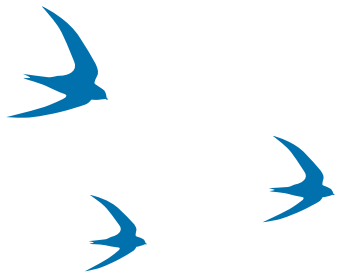
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Identify offshore sites for pelagic species, such as the Yelkouan Shearwater, that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Bulgaria



Map Legend

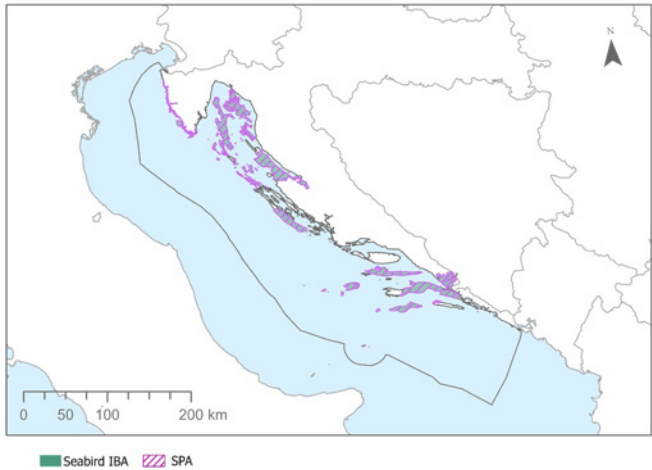
- Seabird IBA
- SPA



Yelkouan Shearwater / Puffinus yelkouan © Ercan Uc

Croatia

Progress since 2014: No new marine SPAs have been designated.



2021 - Status update on mIBAs and Natura 2000 for seabirds

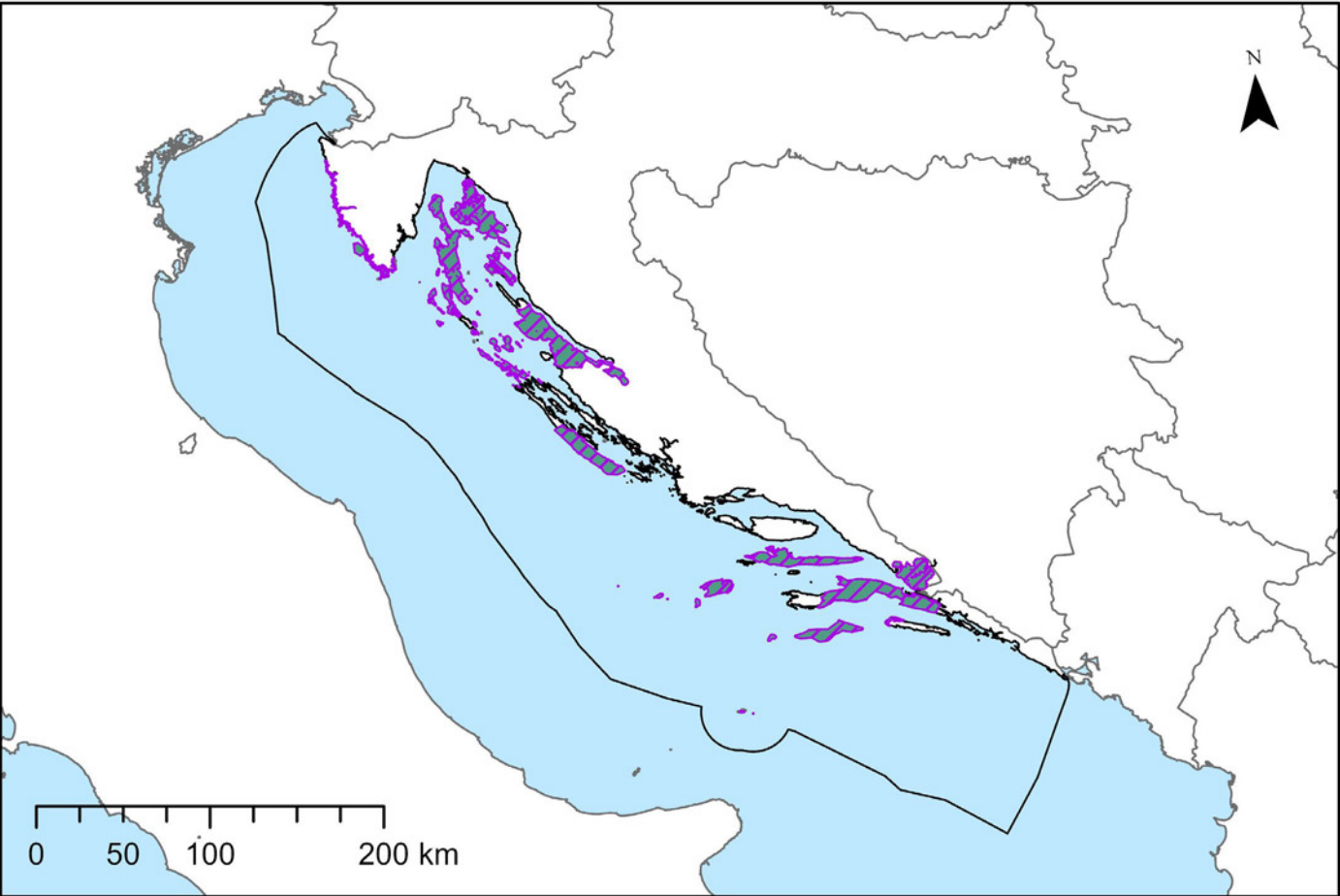
Croatia’s coastline is located in the Adriatic Sea, and includes over one thousand islands and islets. It is important for breeding Audouin’s Gulls (EU Red List, Vulnerable), Yelkouan Shearwaters (EU Red List, Vulnerable), and European Shags (Mediterranean subspecies), as well as for Scopoli’s Shearwaters. It is also home to various gull and tern species, and migratory sea ducks. Although the country’s coastal SPA network is well developed, SPAs currently only protect 1.4% of Croatia’s marine area. Seven seabird IBAs have been identified, of which six have a marine component. These sites are fully covered by the SPA network.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	10	961	1.7%		
Seabird IBAs (marine area only)	10	961	1.7%	961	100%
Seabird IBAs (terrestrial & marine areas)	10	3,516		3,516	100%

Next steps and priorities:

- Identify offshore sites for pelagic species that fulfil the IBA criteria, and designate them as SPAs.
- BIOM—BirdLife Partner in Croatia—is currently working to identify marine IBAs in the southern part of Croatia for the Audouin’s Gull, Scopoli’s Shearwater and Yelkouan Shearwater and to have them designated as SPAs as part of the LIFE ARTINA project.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Croatia



Map Legend

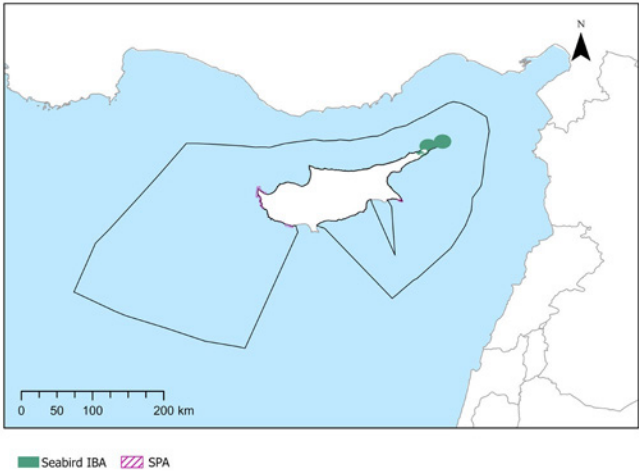
- Seabird IBA
- SPA



Scopoli's Shearwater / *Calonectris diomedea* © Biljana Ječmenica

Cyprus

Progress since 2014: No additional marine SPAs designated.



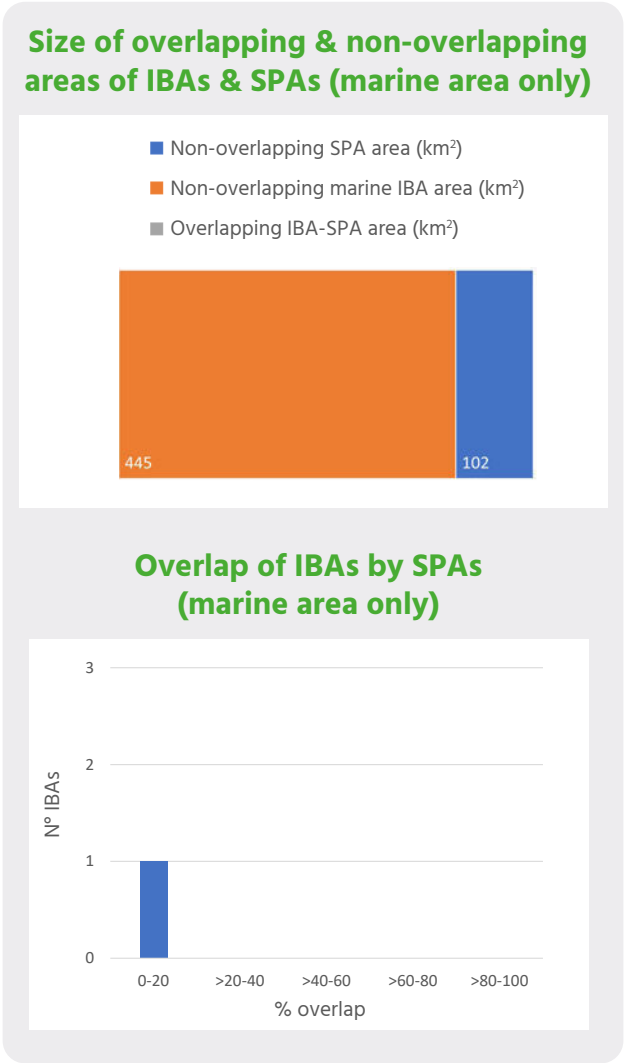
2021 - Status update on mIBAs and Natura 2000 for seabirds

Cyprus is an island located in the Eastern Mediterranean Sea. There are only a few known breeding sites for seabirds on the island, including small colonies of European Shag (Mediterranean subspecies), Audouin’s Gull (EU Red List, Vulnerable) and Yellow-legged Gull. Cyprus has a relatively large marine area, and its surrounding sea is likely to be important for pelagic seabird species, such as the Yelkouan Shearwater (EU Red List, Vulnerable) and Scopoli’s Shearwater. The Government of Cyprus has designated seven SPAs that contain seabirds, but the marine area of these sites is relatively small. In total only 0.1% of Cyprus’ marine area is protected as SPAs. The coastal extensions to terrestrial Natura 2000 sites were designated primarily for seagrass meadows rather than for seabirds. There is a single marine IBA identified by BirdLife’s Partner in Cyprus (BirdLife Cyprus), on the Northernmost tip of the island. The site is located north of the UN-controlled buffer zone, where the acquis communautaire (EU Union Law) according to Protocol 10 of the Accession Treaty of Cyprus to the EU does not currently apply, and thus SPA designation is not currently possible.

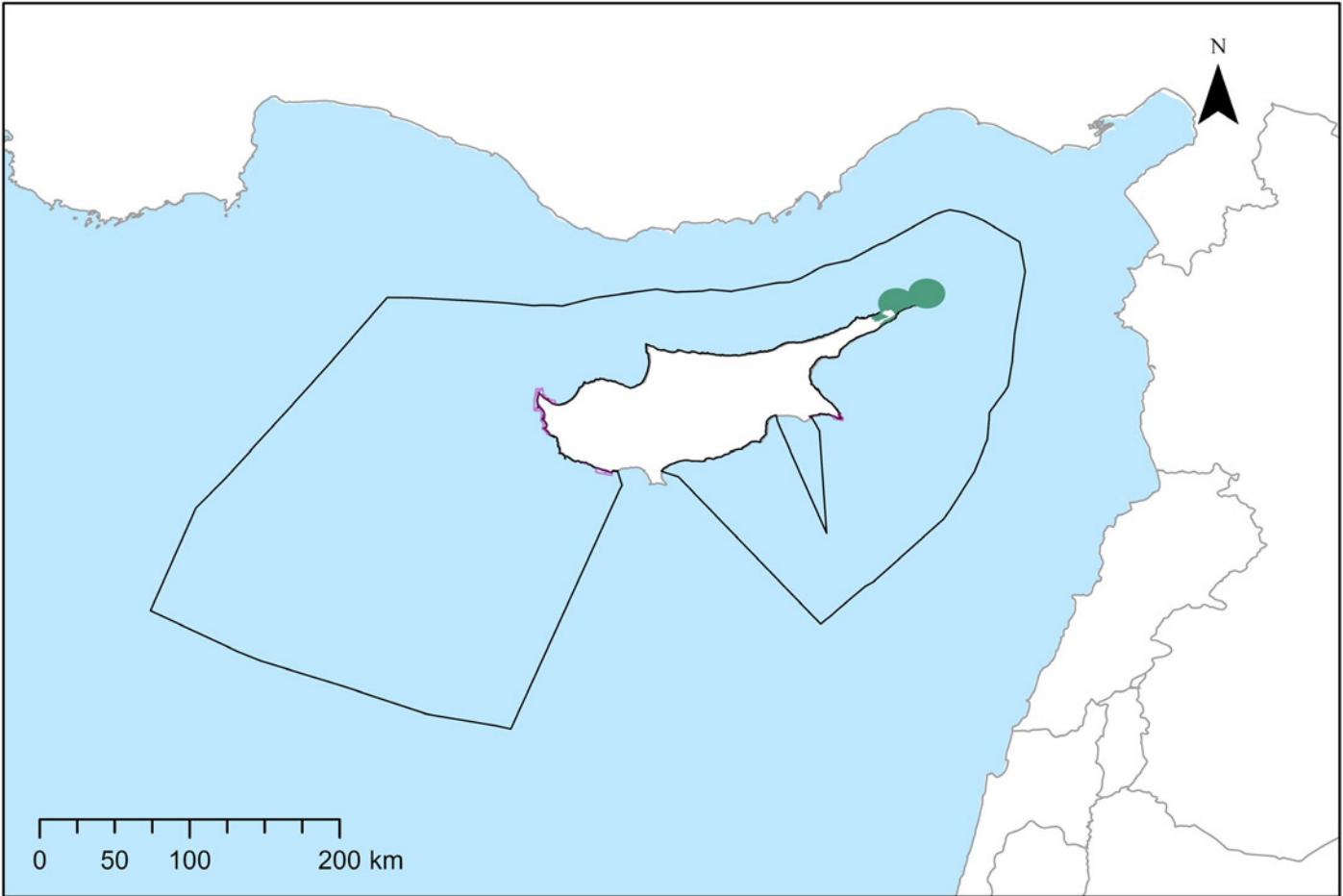
Next steps and priorities:

- Identify offshore sites for pelagic species that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	7	102	<1%		
Seabird IBAs (marine area only)	1	445	<1%	0	0%
Seabird IBAs (terrestrial & marine areas)	1	589		0	0%



Cyprus



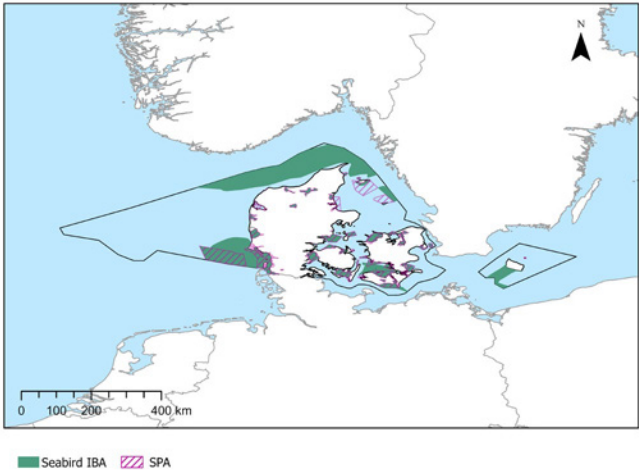
Map Legend

- Seabird IBA
- ▨ SPA



Denmark

Progress since 2014: No new marine SPAs have been designated.

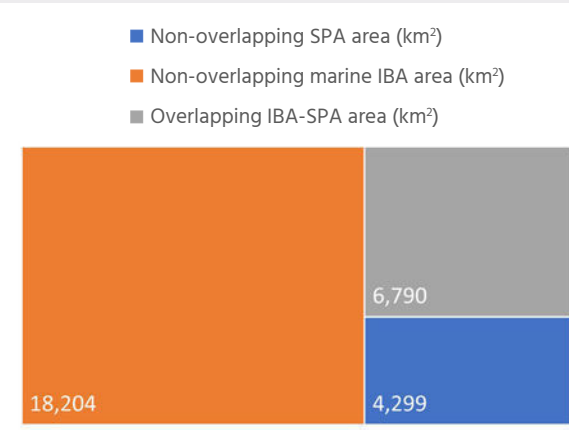


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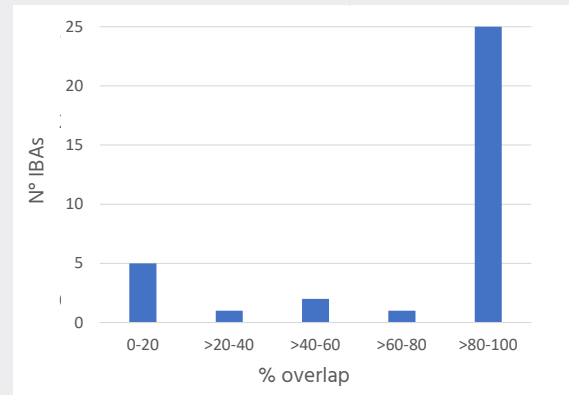
Denmark holds internationally important numbers of wintering migratory seabirds, including the threatened Velvet Scoter (EU Red list, Vulnerable), as well as loons, grebes, and eiders, and resident species, such as the Common Guillemot. The Danish Government has made good progress in designating sites for seabirds in the coastal and marine environment, with SPAs covering 11% of its marine area. However, the overlap of SPAs with marine areas identified in the IBA inventory is relatively poor at just 31%. IBAs for a number of species, including the Velvet Scoter (EU Red List, Vulnerable), Black-legged Kittiwake (EU Red List, Endangered) and Red-necked Grebe (EU Red List, Vulnerable) are currently poorly covered by SPAs. The mIBA inventory was produced by BirdLife’s Danish Partner, Dansk Ornitologisk Forening (DOF), and includes some large offshore areas for pelagic species. To improve the SPA network Denmark needs to protect the large marine IBAs that have been identified, such as the 1.6 million hectare mIBA Skagerrak-Southwest Norwegian trench and the mIBA Rønne Banke identified off Ronne Island.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	55	11,089	11%		
Seabird IBAs (marine area only)	34	24,994	25%	6,790	27%
Seabird IBAs (terrestrial & marine areas)	43	26,672		8,393	31%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



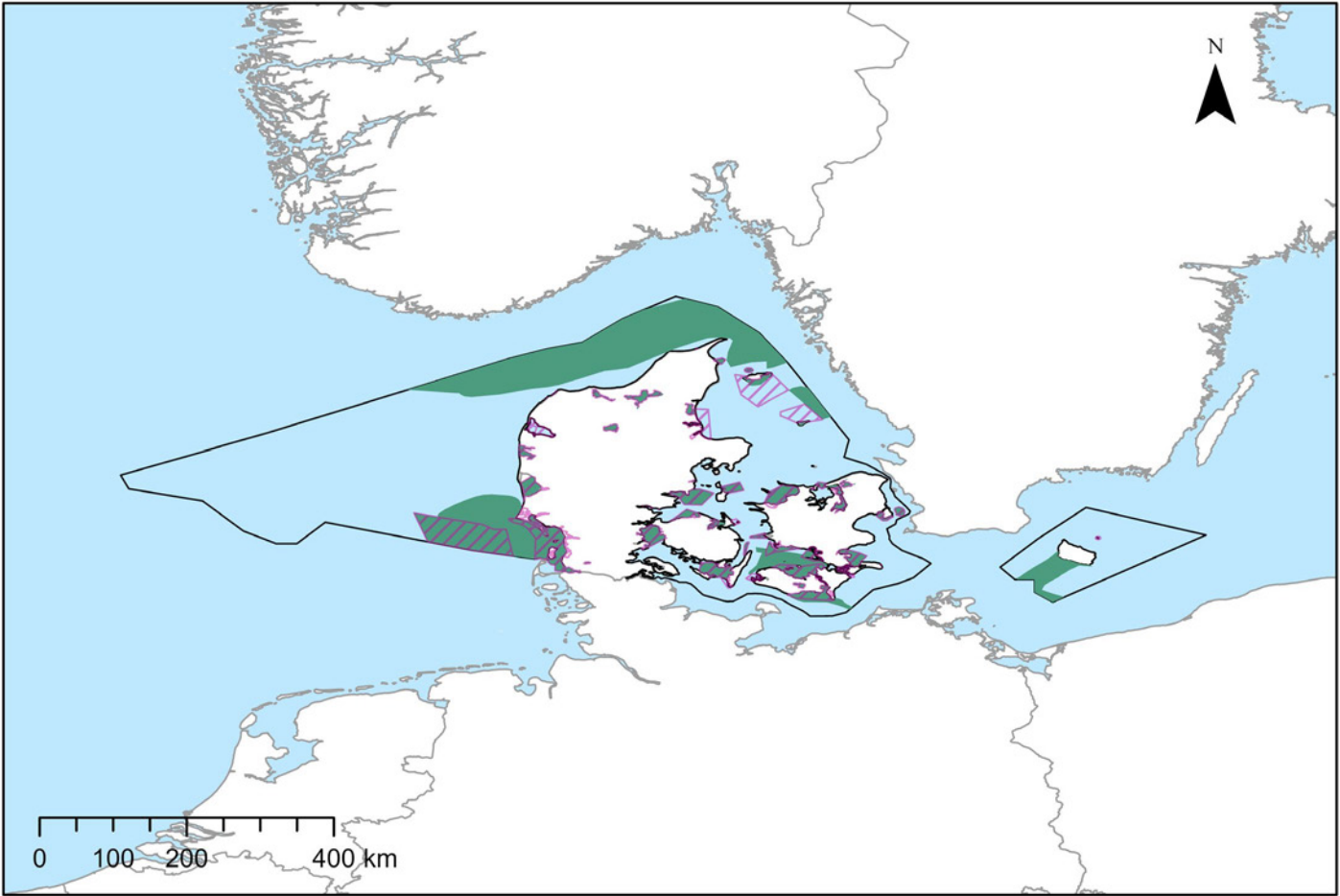
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Designate existing marine IBAs, including Skagerrak-Southwest Norwegian trench and Rønne Banke as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Denmark



Map Legend

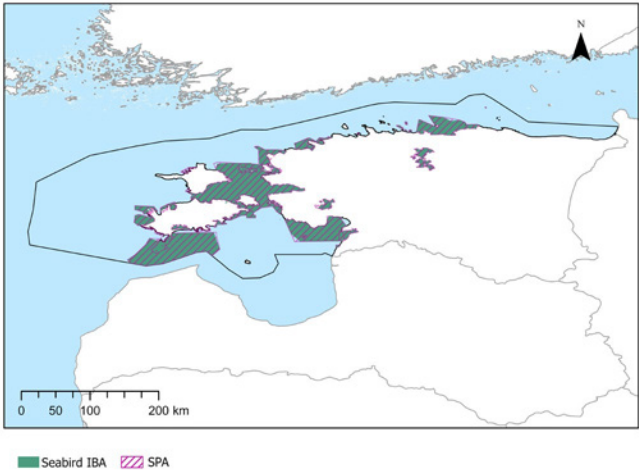
- Seabird IBA
- ▨ SPA



Velvet Scoter (*Melanitta fusca*) John Larsen

Estonia

Progress since 2014: No new marine SPAs have been designated.



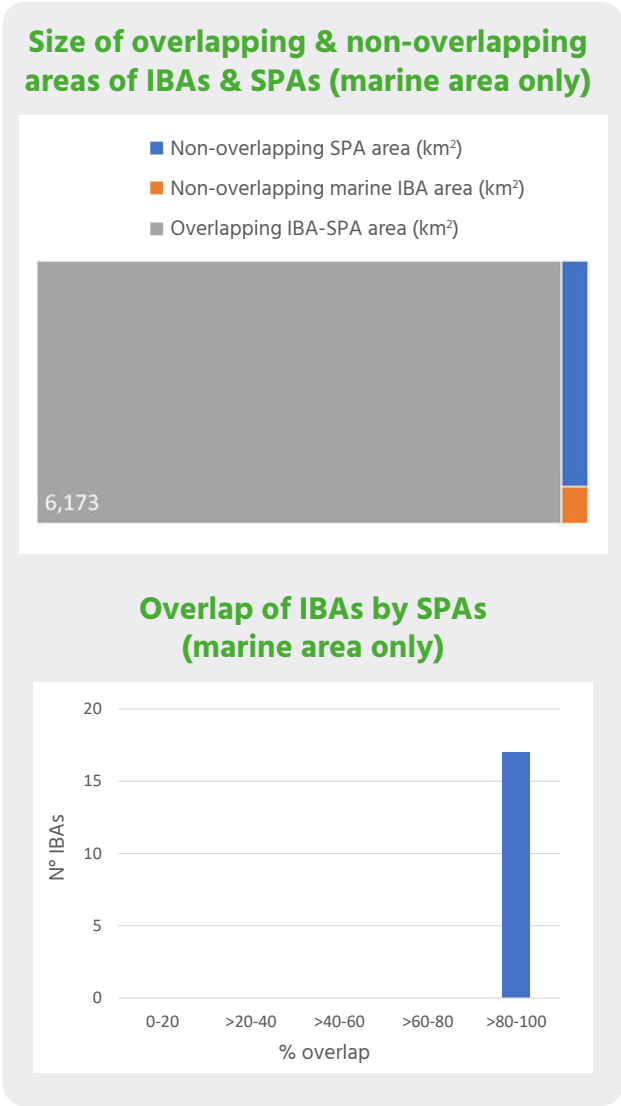
2021 - Status update on mIBAs and Natura 2000 for seabirds

Estonia’s coast is bordered by the Baltic Sea. Its marine waters are important for Steller’s Eider (EU Red List: Endangered), and Long-tailed Ducks that breed in western Siberian and arctic regions of northern European and spend the winter in the Baltic Sea, including along the Estonian coastline. The population of Steller’s Eider that breed west of the Khatanga Gulf in Russia fly west for the winter, and can be found on the islands of Saaremaa and Hiiumaa in Estonia. The Estonian Government has designated SPAs at seabird colonies as well as some offshore sites. The marine IBA inventory identified by BirdLife’s Estonian Partner, the Estonian Ornithological Society, is well protected by the current SPA network.

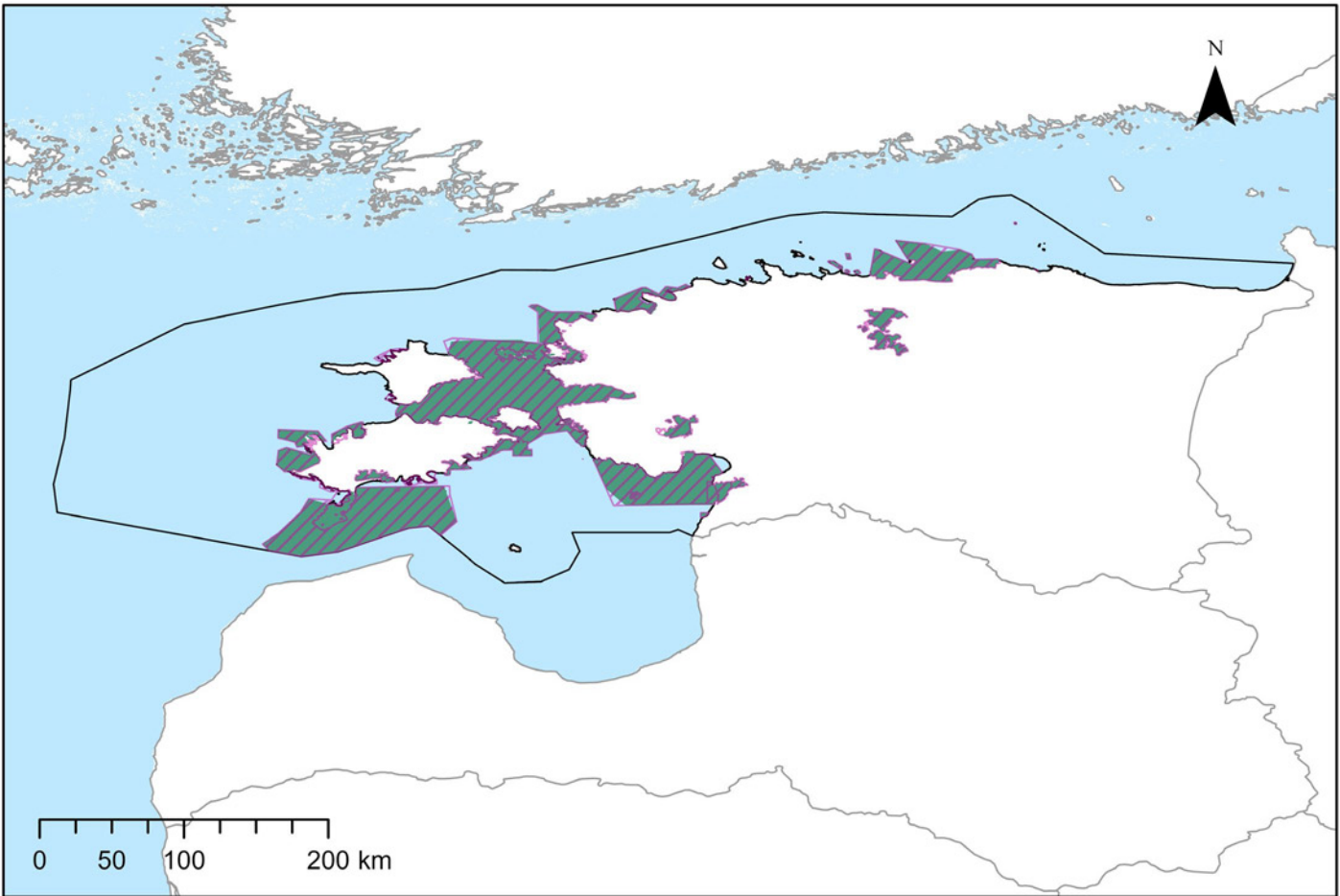
	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	26	6,444	18%		
Seabird IBAs (marine area only)	17	6,218	17%	6,173	99%
Seabird IBAs (terrestrial & marine areas)	19	8,281		7,940	96%

Next steps and priorities:

- Identify additional offshore sites that fulfil the IBA criteria, and designate them as SPAs.
- Review the borders of existing SPAs where the neighboring marine areas are important for birds and are not fully covered by the current SPA network.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.



Estonia



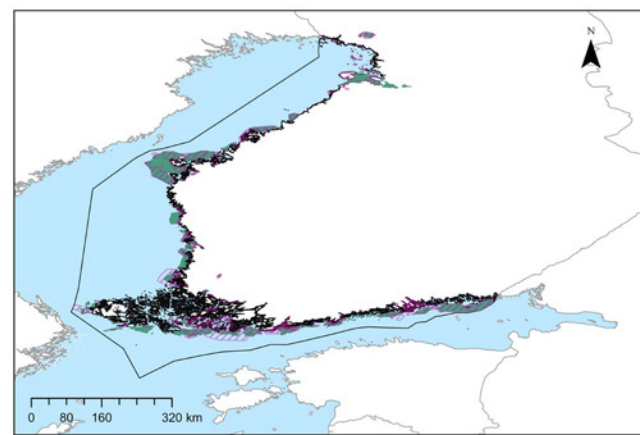
Map Legend

- Seabird IBA
- SPA



Finland

Progress since 2014: Extensions to the marine SPA network have increased the level of protection for some species.



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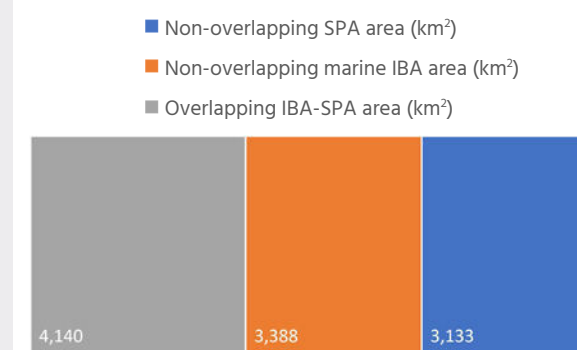
Finland has a long coastline and large marine area in the North-East Baltic Sea, with an extensive archipelago of islands and islets. It is important for breeding Black Guillemots, and Arctic and Caspian Terns, as well as for migratory and wintering seabirds and sea ducks, including the Steller's Eider (EU Red List, Endangered), Velvet Scoter (EU Red List, Vulnerable) and Long-tailed Duck. The SPA network currently protects 9% of Finland's marine area. Many of the marine SPAs overlap with the marine IBA network compiled by BirdLife's Partner in Finland (BirdLife Suomi), however, only 55% of the marine area of the IBA network is covered by the SPA network, and marine IBAs designated for several species, including for the Common Eider (EU Red List, Vulnerable), are poorly covered by the SPA network.

In 2018 the Government of Finland extended two marine SPAs: the Tulliniemi Bird Protected Area SPA (Tulliniemen linnustonsuojelualue), an important site for the Common Eider, Common Scooter and several species of tern, and the Saaristomeri SPA, containing important numbers of Common Eider, Velvet Scoter, and terns.

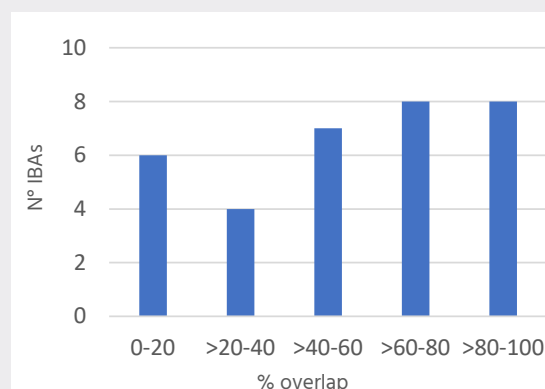
Next steps and priorities:

- Expand the Natura 2000 network at sea to cover all IBAs that are not currently protected as SPAs.
- Identify offshore sites for pelagic species, such as the Black Guillemot, that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)

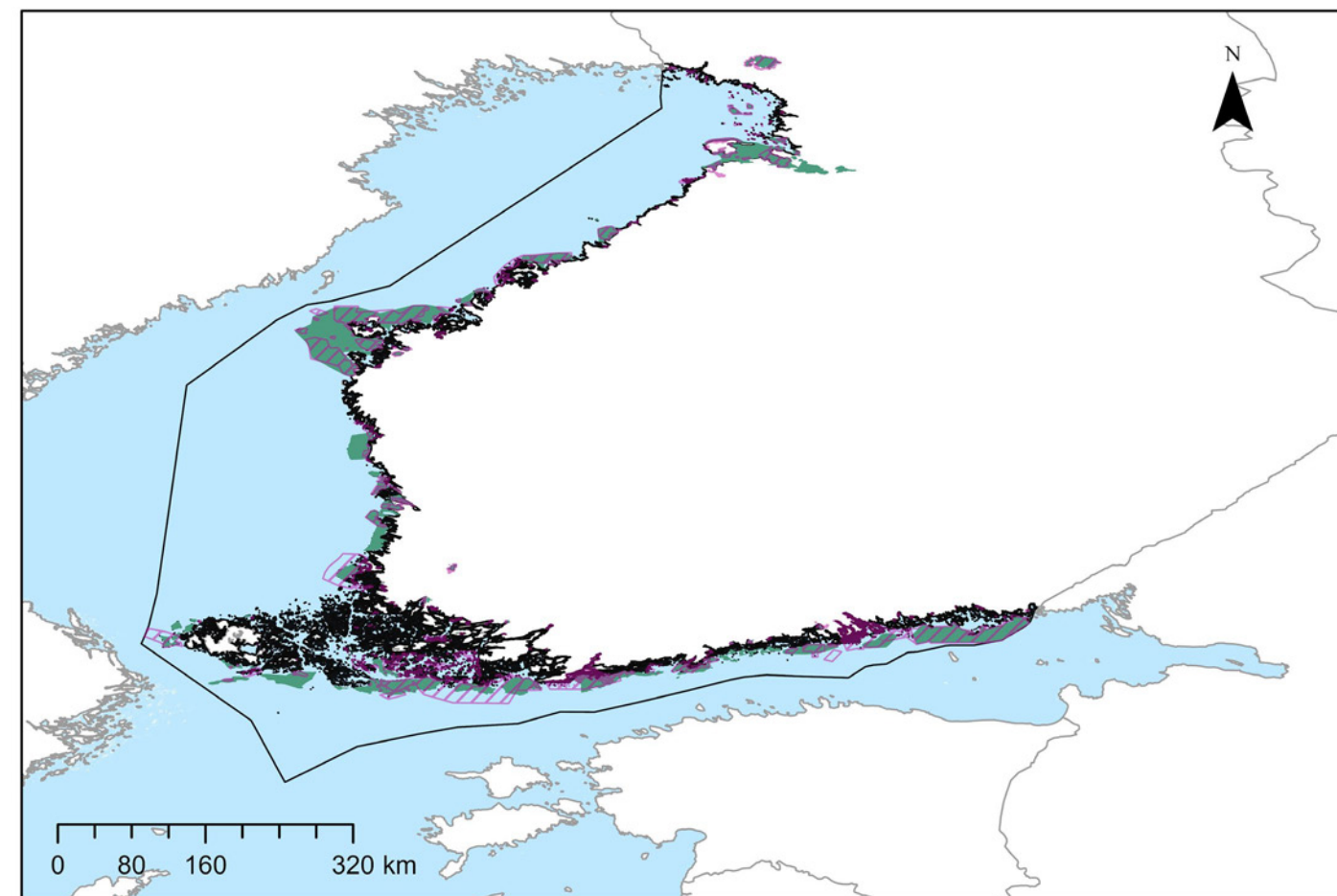


Overlap of IBAs by SPAs (marine area only)



	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	96	7,273	9%		
Seabird IBAs (marine area only)	33	7,528	9%	4,140	55%
Seabird IBAs (terrestrial & marine areas)	35	8,417		4,593	55%

Finland



Map Legend

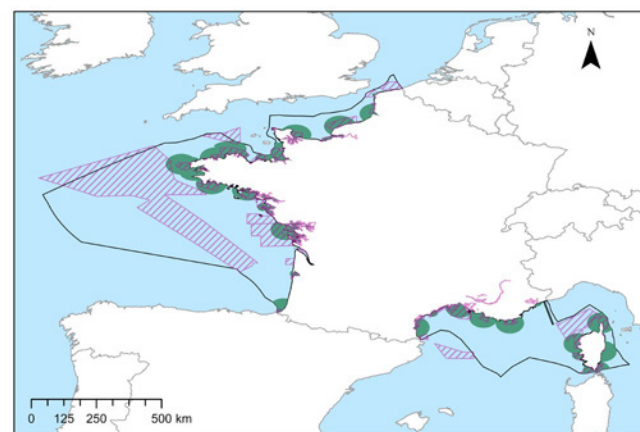
Seabird IBA

SPA



France

Progress since 2014: Updates to the SPA network and the addition of new sites, including the Mers Celtiques - Talus du golfe de Gascogne SPA (71,861 km²) and the Nord Bretagne DO SPA (2,832 km²), have substantially increased the coverage of the network.



2021 - Status update on mIBAs and Natura 2000 for seabirds

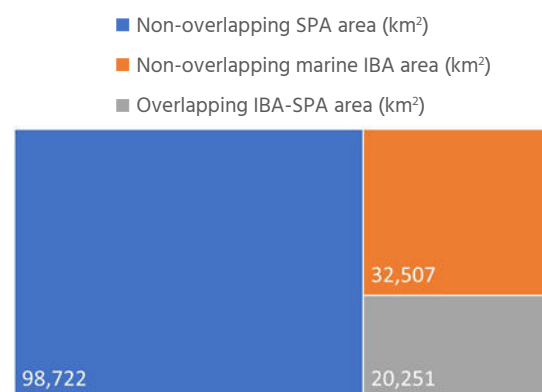
The French coast includes a broad range of habitats for seabirds, including open Atlantic Ocean, English Channel and Mediterranean Sea. France's most threatened seabird is the Balearic shearwater (EU Red List: Critically Endangered) which visits its Western coast during the summer months of its nonbreeding season. France has designated SPAs at colonies, as well as along its coastline and at sea, including some large SPAs protecting the Balearic shearwater's foraging grounds. Many of the existing SPAs are located within the areas identified as mIBAs by BirdLife's French Partner, LPO. However, the size of many of the SPAs is relatively small in comparison to the French mIBA inventory, which includes large coastal extensions beyond the existing protected area boundaries.

In total 36% of France's marine area is within the SPA network, which, although more than twice the size of the marine IBA network (mainly due to the lack of offshore IBAs), only overlaps with 38% of it.

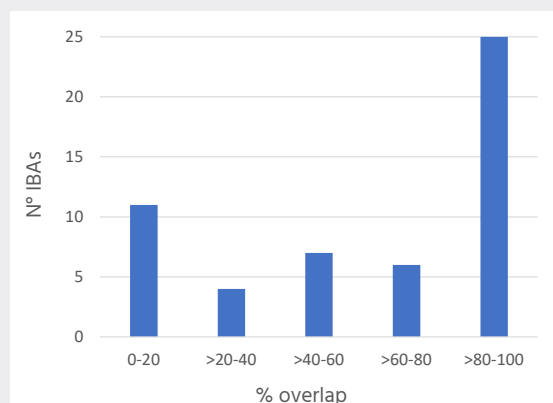
Next steps and priorities:

- Gather data that could be analyzed using the IBA criteria.
- Expand the Natura 2000 network at sea to cover all IBAs that are not currently protected as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)

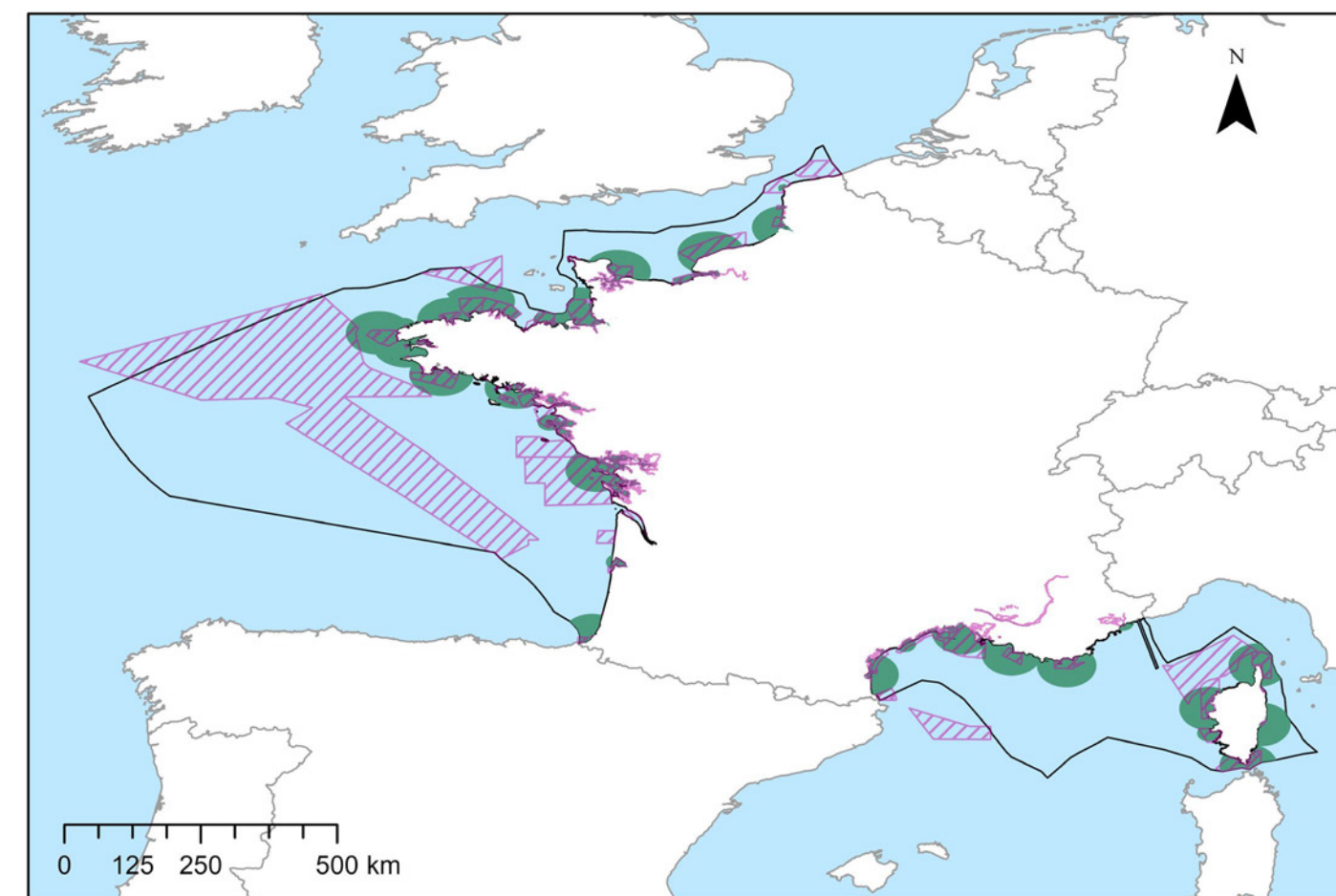


Overlap of IBAs by SPAs (marine area only)



	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km ²	%	km ²	%
SPAs (marine area only)	102	118,973	36%		
Seabird IBAs (marine area only)	53	52,759	16%	20,251	38%
Seabird IBAs (terrestrial & marine areas)	59	57,690		23,926	41%

France



Map Legend

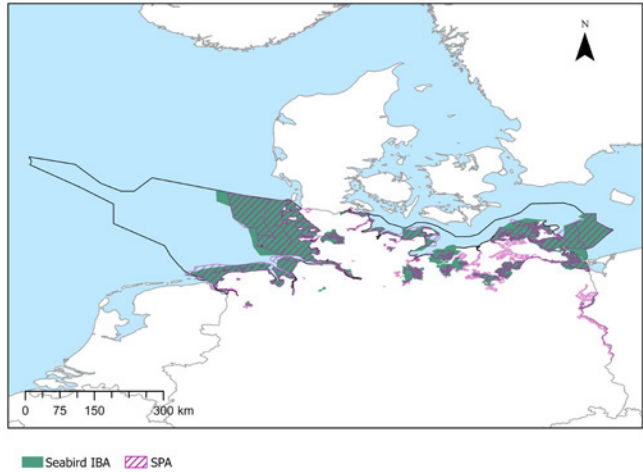
- Seabird IBA
- ▨ SPA



Common Guillemot / Uria aalge © Bas van't Slot

Germany

Progress since 2014: No new SPAs have been designated.



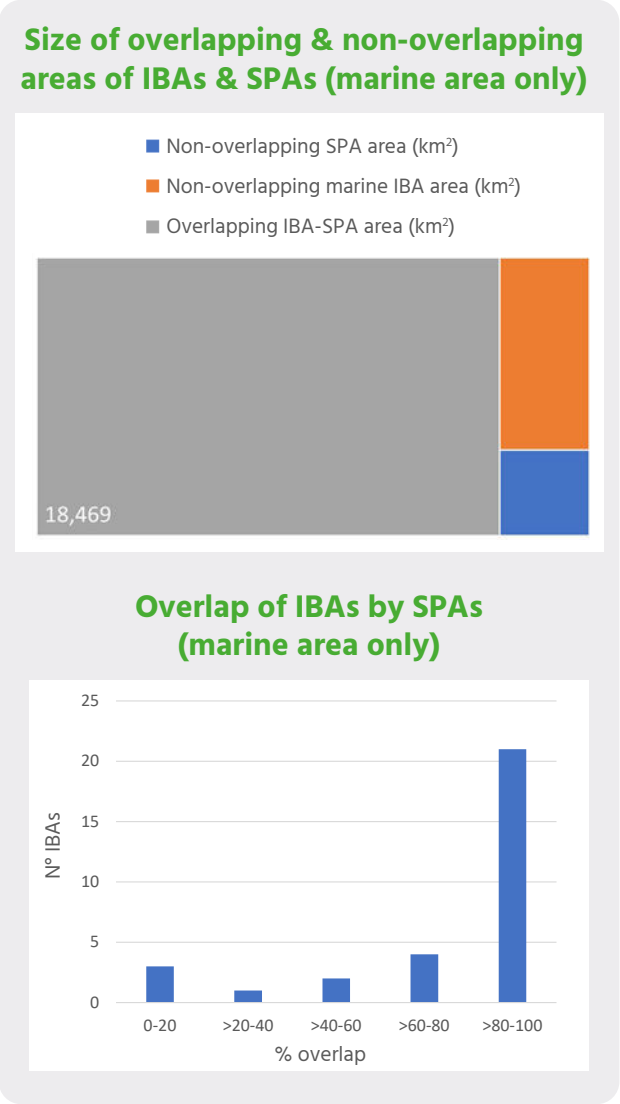
2021 - Status update on mIBAs and Natura 2000 for seabirds

Germany’s marine area is relatively small, however, it spans the North and Baltic Seas and hosts important populations of wintering migratory seabirds and sea ducks such as loons, grebes, eiders, and scoters, as well as breeding gull and tern species. Its SPA network covers nearly 35% of its marine waters, one of the highest levels coverage in the EU, with inclusion of both coastal and offshore areas. The SPA network overlaps to a large extent with the marine area of the IBA network compiled by BirdLife’s German Partner, NABU.

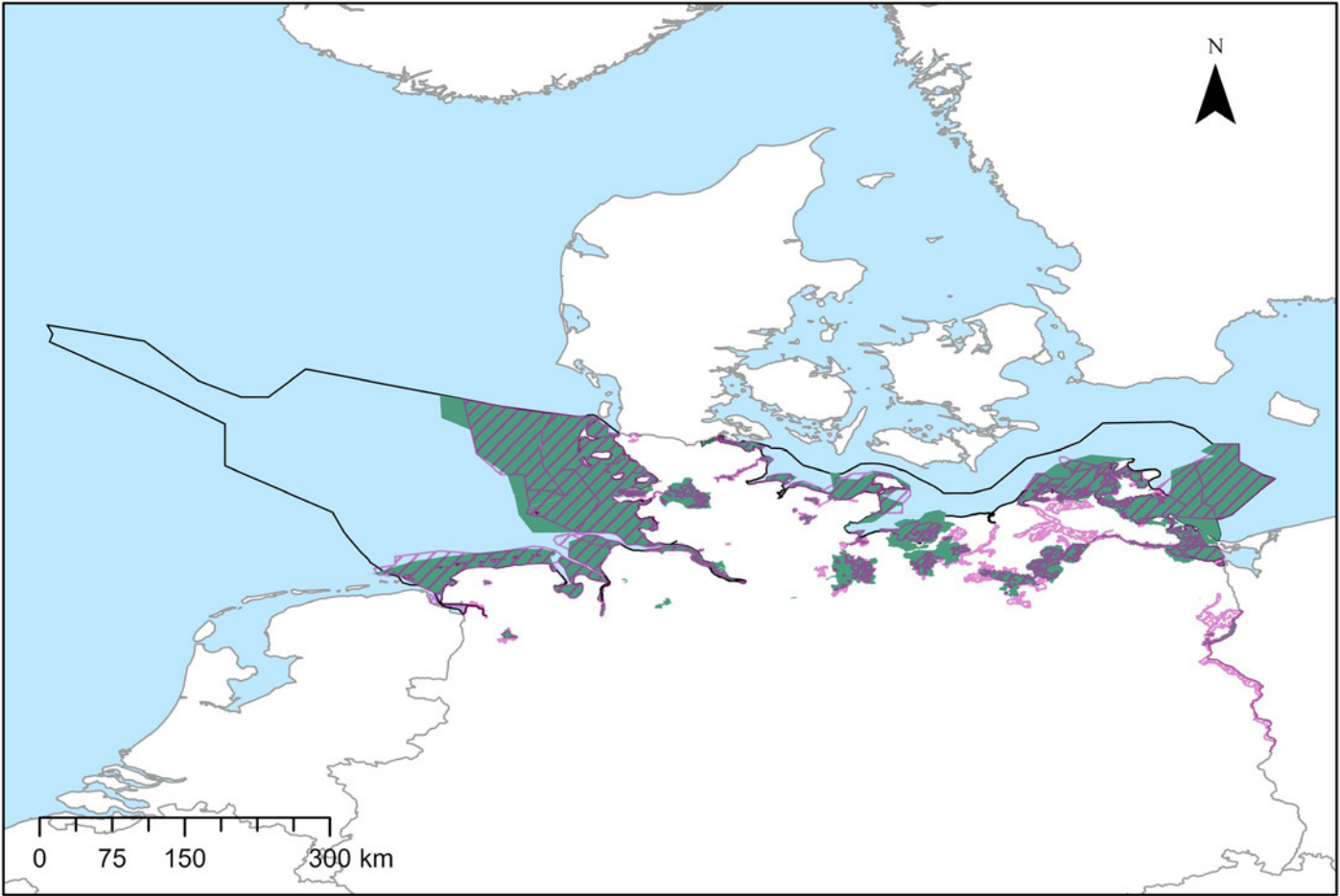
	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	38	19,570	35%		
Seabird IBAs (marine area only)	31	20,946	37%	18,469	88%
Seabird IBAs (terrestrial & marine areas)	47	28,035		22,084	79%

Next steps and priorities:

- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.



Germany



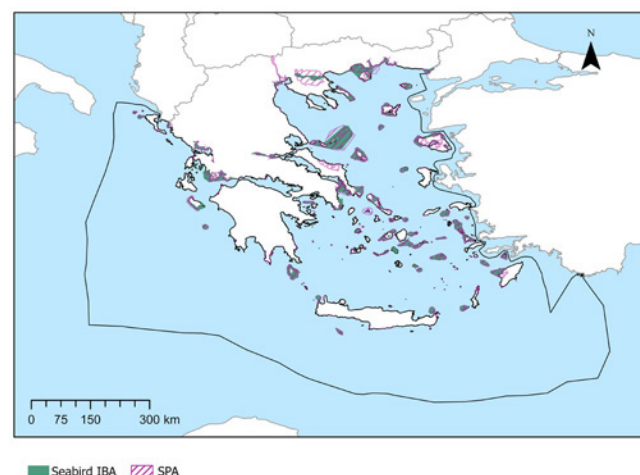
Map Legend

- Seabird IBA
- SPA



Greece

Progress since 2014: Greece announced a suite of new marine SPAs, and extended the boundaries of a number of existing sites, at the end of 2017 as part of a significant extension of its Natura 2000 Network.

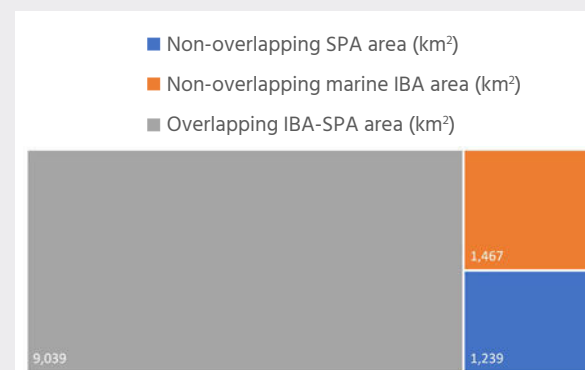


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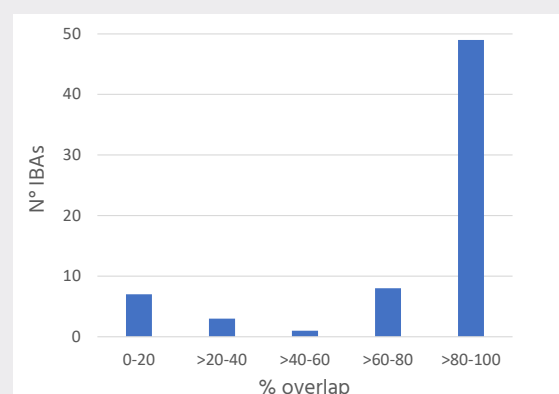
Greece's marine area straddles the Aegean and Ionian Seas. Its long rocky coastline, with over two thousand islands and islets, provides important habitats for breeding seabirds including endemic Mediterranean species—Yelkouan Shearwater (EU Red List, Vulnerable) and Scopoli's Shearwater—and Audouin's gull (EU Red List, Vulnerable). Its waters are also important for the European Shag (Mediterranean subspecies) and the European Storm Petrel. The Balearic Shearwater (EU Red List, Critically Endangered) is an occasional visitor during the summer months. Greece has designated more than one hundred marine Natura2000 sites, and following a significant extension to its Natura 2000 network at the end of 2017, SPAs protect 2% of its waters. The extension of the SPA network increased the overlap with the marine area of the IBA network compiled by BirdLife's Partner in Greece, HOS, to 86%.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	117	10,278	2%		
Seabird IBAs (marine area only)	68	10,505	2%	9,039	86%
Seabird IBAs (terrestrial & marine areas)	69	15,247		12,082	79%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



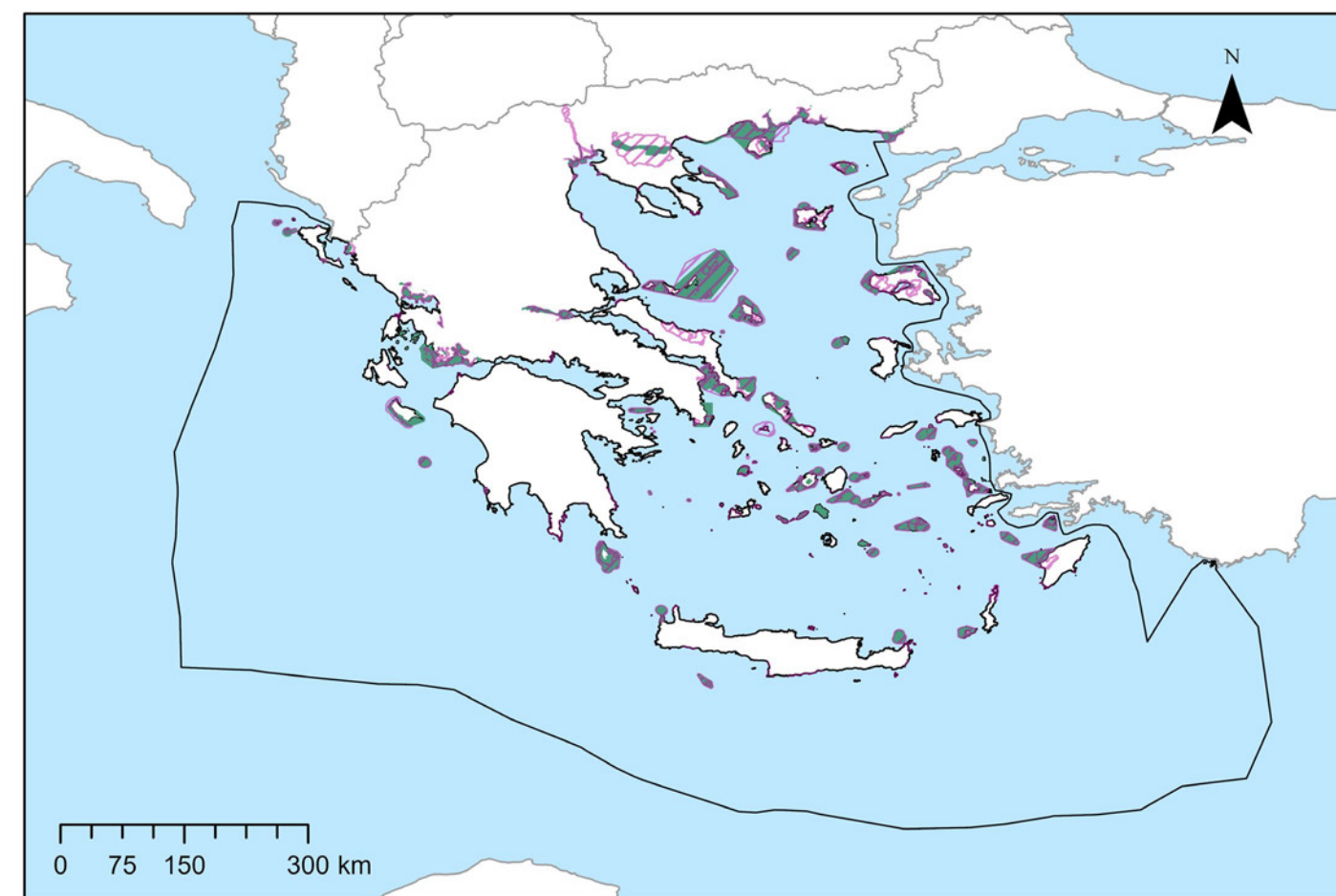
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Identify additional offshore sites for pelagic species that fulfil the IBA criteria, and designate them as SPAs.
- Ensure and advocate for all SPAs to have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Greece



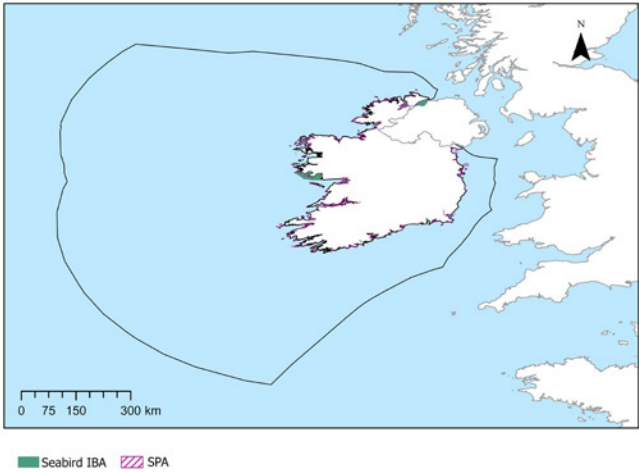
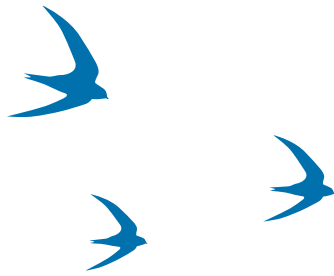
Map Legend

- Seabird IBA
- SPA



Ireland

Progress since 2014: No new SPAs have been designated and the existing network remains inadequate.

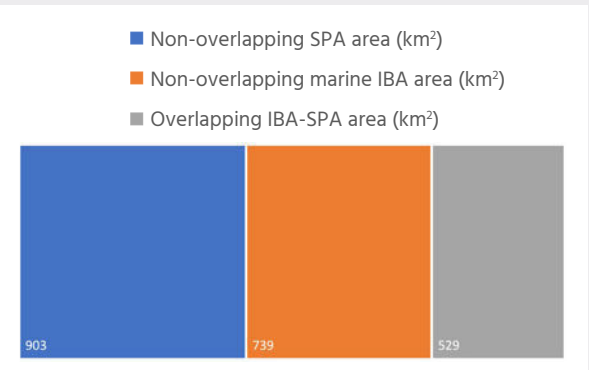


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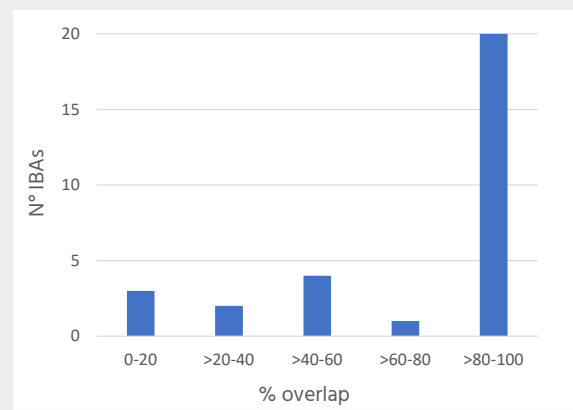
Ireland has a large marine area, including offshore waters extending into the Atlantic Ocean, as well as the Irish Sea, both of which are important for pelagic seabirds, including various species of auks, shearwaters and petrels. Ireland’s rocky cliffs and small islands are important for many different breeding seabirds, and its coast and sea loughs are important during winter for migratory seabirds and sea ducks. Despite its large marine area and importance for seabirds, Ireland has only designated coastal SPAs, meaning that offshore areas are not protected within the Natura 2000 network. The inadequacy of the network is reflected in the fact that SPAs protect <1% of Ireland’s waters. The marine IBA network has not been developed beyond coastal areas, but even so, only 42% of the marine area of the IBA network identified by BirdLife’s Irish Partner, BirdWatch Ireland is protected by SPAs.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	103	1,432	<1%		
Seabird IBAs (marine area only)	42	1,268	<1%	529	42%
Seabird IBAs (terrestrial & marine areas)	44	1,751		748	43%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



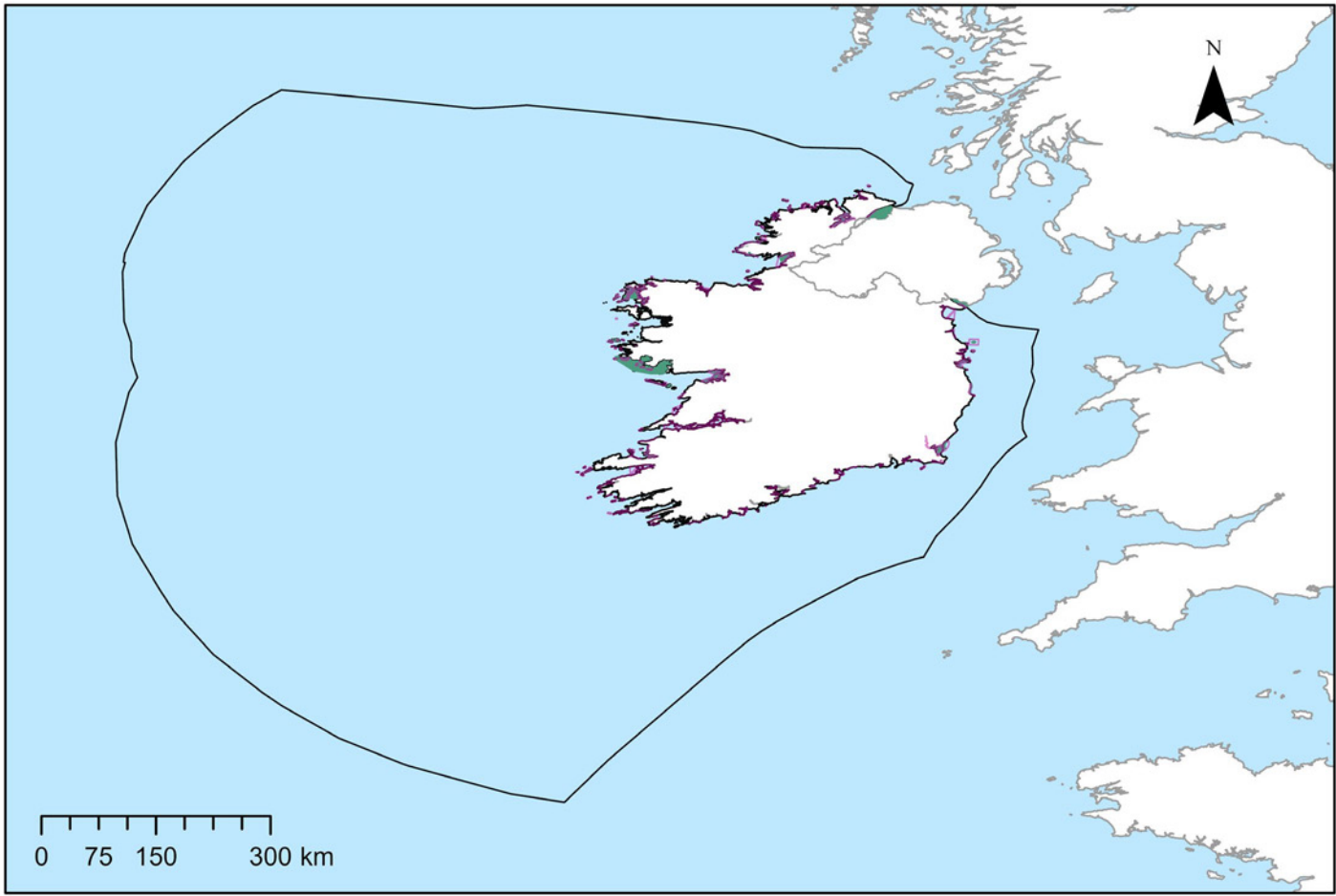
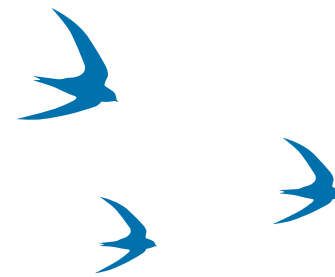
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Expand the Natura 2000 network at sea to cover all IBAs that are not currently protected as SPAs.
- Identify offshore sites that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Ireland



Map Legend

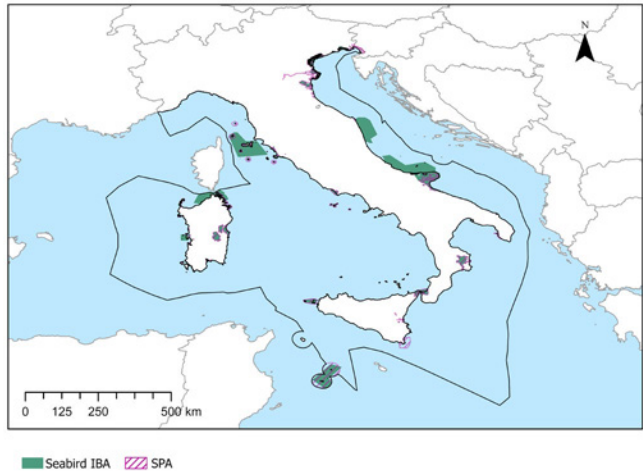
- Seabird IBA
- ▨ SPA



Roseate Tern / Sterna dougallii © Laura Glenister

Italy

Progress since 2014: The total area of the SPA network remains inadequate, protecting only 3.5 % of Italy’s marine area. Large parts of the marine IBA network are not protected by SPAs.

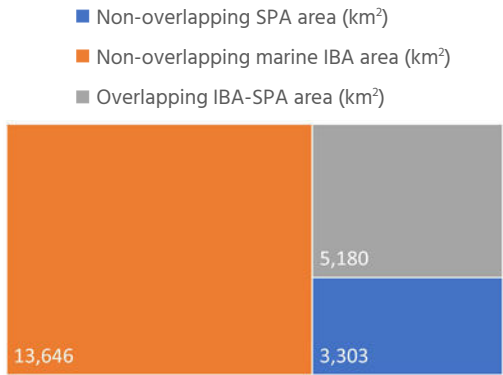


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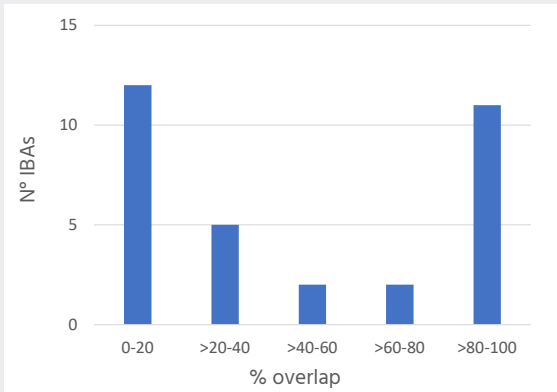
Italy’s coastline and marine area extend into the Adriatic, the Ionian, the Tyrrhenian, the Ligurian Sea and the Central Mediterranean. Its coasts include large islands, such as Sicily and Sardinia, and many small islands and islets, which are important breeding grounds for pelagic seabirds, such as the Yelkouan Shearwater (EU Red List, Vulnerable)—Italy hosts more than half of the global population—as well as Scopoli’s Shearwater, and European Storm Petrel (Med. subspecies). The country is also important for the resident population of Audouin’s gull (EU Red List, Vulnerable) and the European Shag (Mediterranean subspecies). Some areas, such as the Gulf of Trieste, are important wintering grounds for many species of grebes, loons and migratory sea ducks. Only 3.5% of Italy’s marine area is currently protected by SPAs. LIPU—BirdLife’s partner in Italy—has identified a network of 32 seabird IBAs with a marine component. Currently the overlap at sea between the marine IBA network and the SPA network is low at 36%. Italy has also failed to fully designate three of the four IBAs identified for Scopoli’s Shearwater (IBA 096 ‘Arcipelago Toscano’, IBA 222 ‘Medio Adriatico’, IBA 223 ‘Sardegna settentrionale’).

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	114	8,483	1.6%		
Seabird IBAs (marine area only)	32	18,827	3.5%	5,180	28%
Seabird IBAs (terrestrial & marine areas)	36	25,419		9,887	39%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



Overlap of IBAs by SPAs (marine area only)

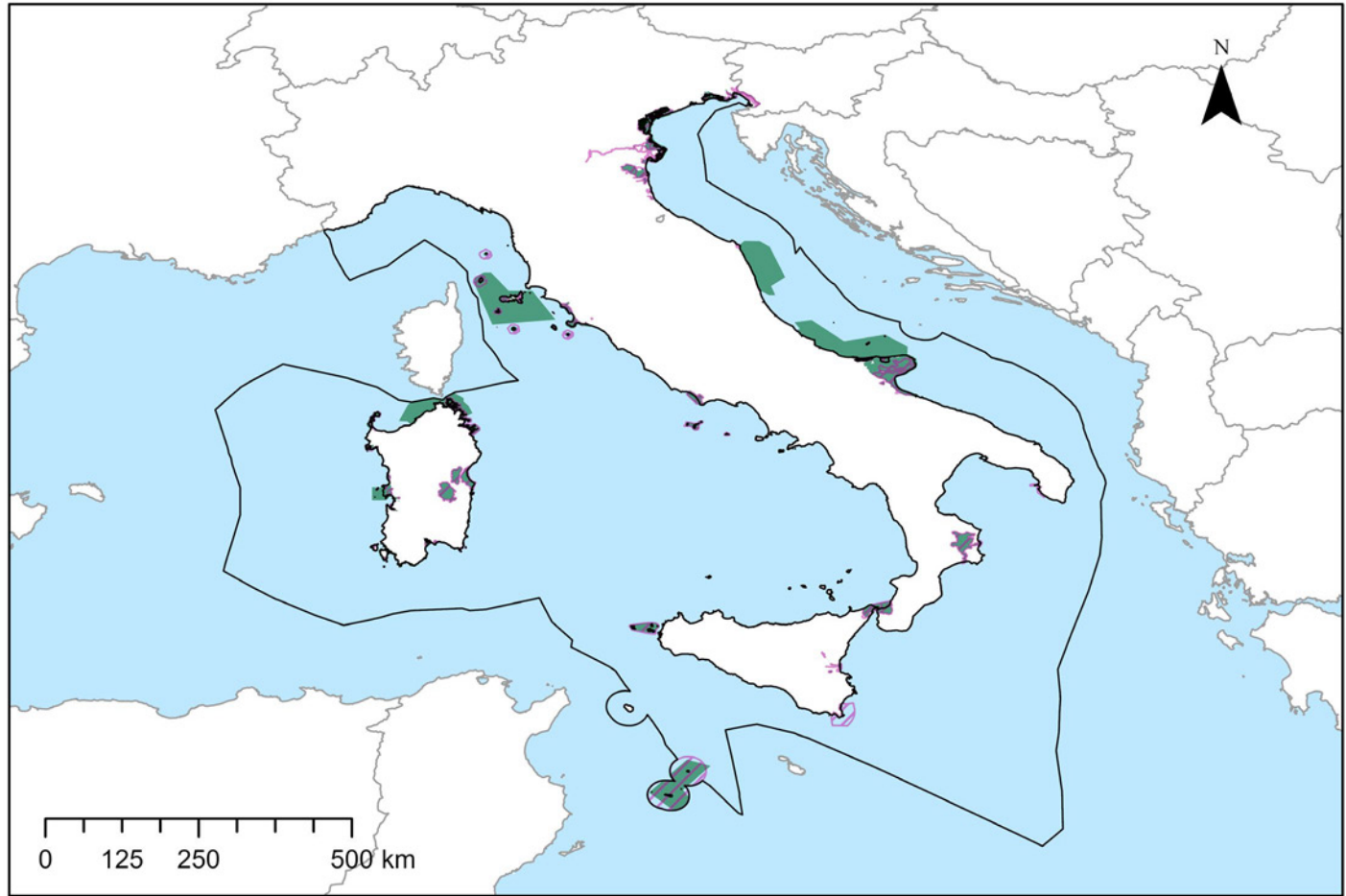


Next steps and priorities:

- Identify for all seabird species offshore sites that fulfil the IBA criteria, and designate them as SPAs.
- Expand the Natura 2000 network at sea to cover all IBAs that are not currently protected as SPAs.
- LIPU has requested the European Commission to open a formal infringement procedure against Italy for failure to complete the network of SPAs at sea as required by the Birds Directive (2009/147/EC). In June 2021, the Commission opened an infringement procedure (2021/2028)¹.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

¹ The infringement procedure was opened on the basis of the 2020 release of the Natura 2000 network. The figures here are based on the 2019 release.

Italy



Map Legend

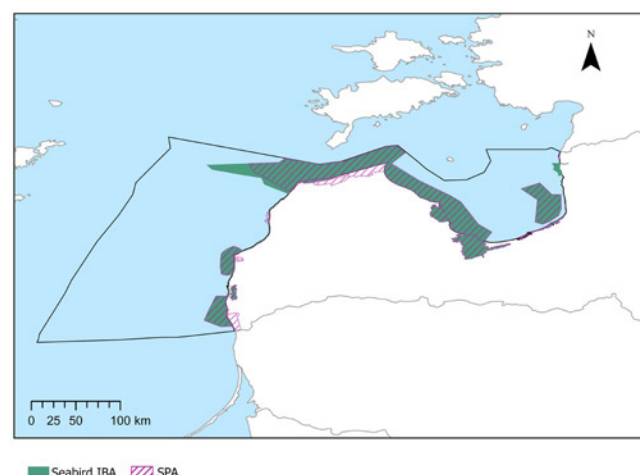
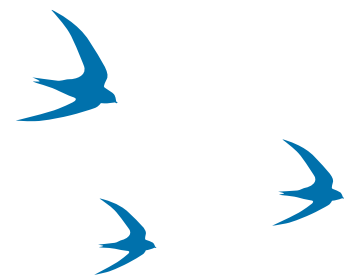
- Seabird IBA
- SPA



Scopoli's Shearwater / *Calonectris diomedea* © Michele Mendi

Latvia

Progress since 2014: No new SPAs have been designated.



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Latvia's coast and marine area are in the central Baltic Sea and include the Gulf of Riga. Latvia holds important numbers of migratory and wintering seabirds and sea ducks, such as loons, grebes, scoters, as well as Velvet Scoters (EU Red List, Vulnerable) and Long-tailed Ducks. 16% of its marine area is currently protected by SPAs. 13 seabird IBAs have been identified of which 11 have a marine component. Nearly 91% of the marine area of the IBA network is covered by the SPA network, and marine IBAs designated for several species, including for the Velvet Scoter, are highly covered by the SPA network.

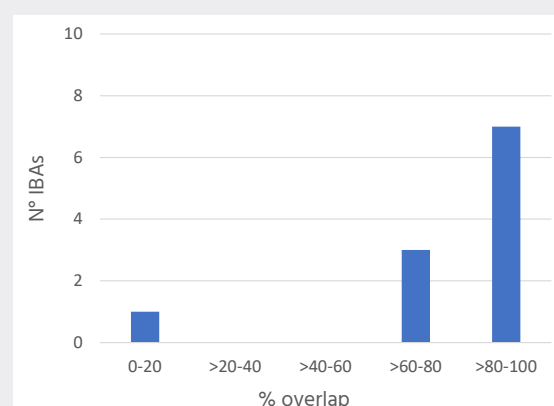
	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	14	4,266	15%		
Seabird IBAs (marine area only)	11	4,672	16%	4,233	91%
Seabird IBAs (terrestrial & marine areas)	13	5,346		4,889	91%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)

- Non-overlapping SPA area (km²)
- Non-overlapping marine IBA area (km²)
- Overlapping IBA-SPA area (km²)



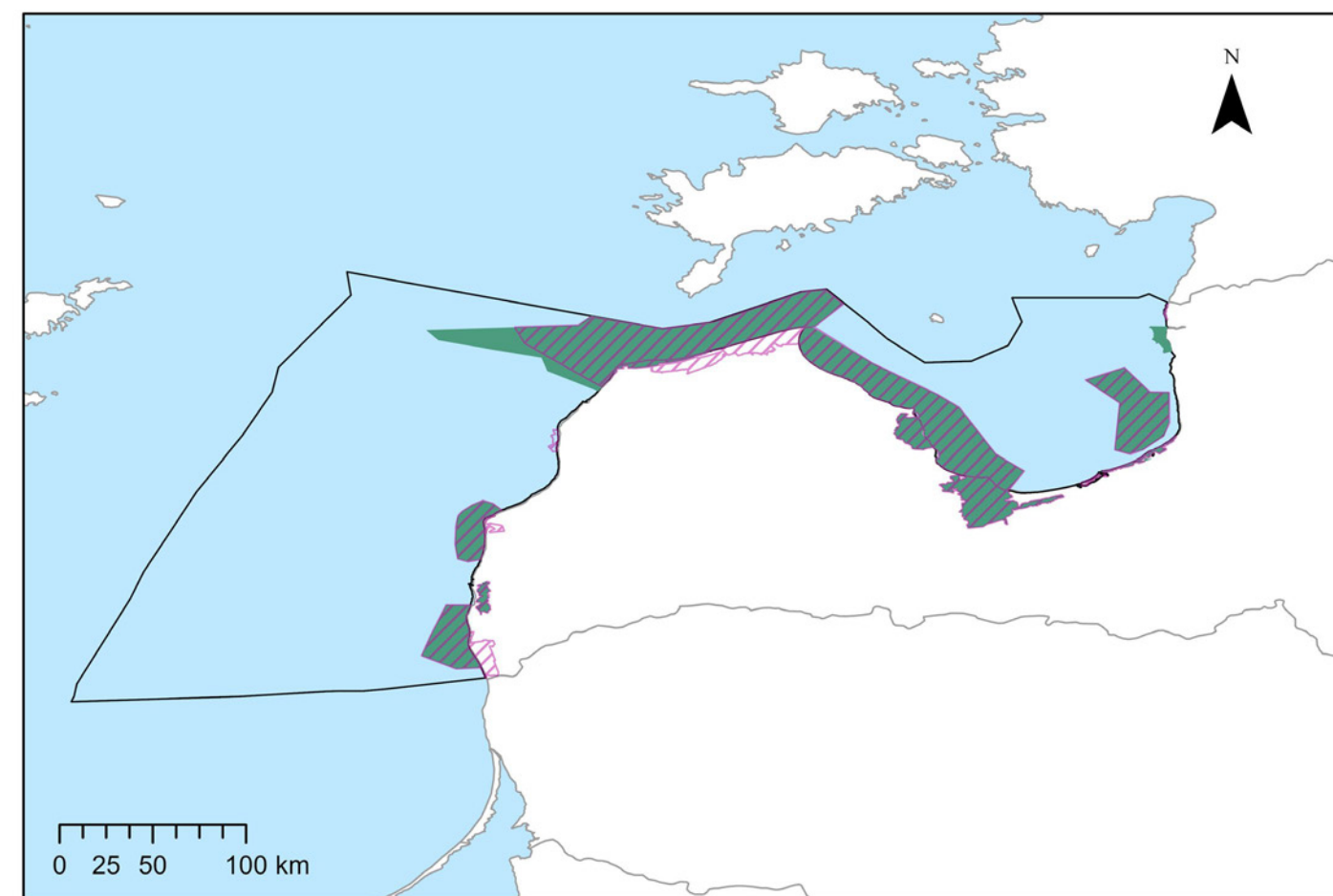
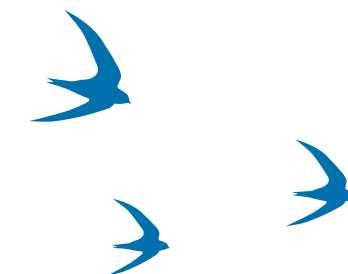
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Identify offshore sites for pelagic species that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives

Latvia



Map Legend

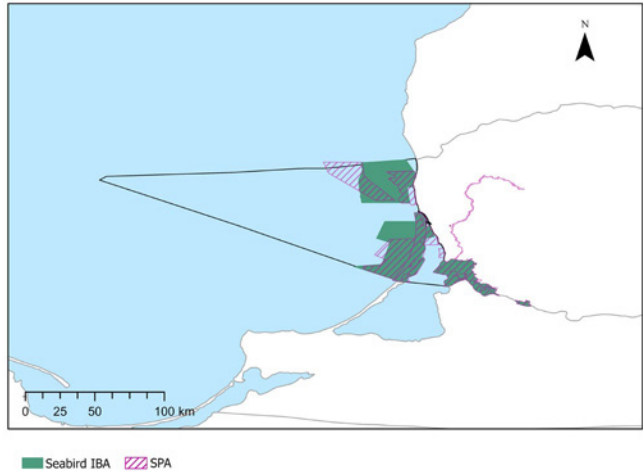
- Seabird IBA
- SPA



Velvet Scoter / *Melanitta fusca* ©fotoparus

Lithuania

Progress since 2014: In 2015 the Lithuanian Government designated the Klaipėdos-Ventspilio plynaukštė SPA (LTPAL0002) which covers part of the IBA ‘Marine waters along the continental part of Lithuania’.

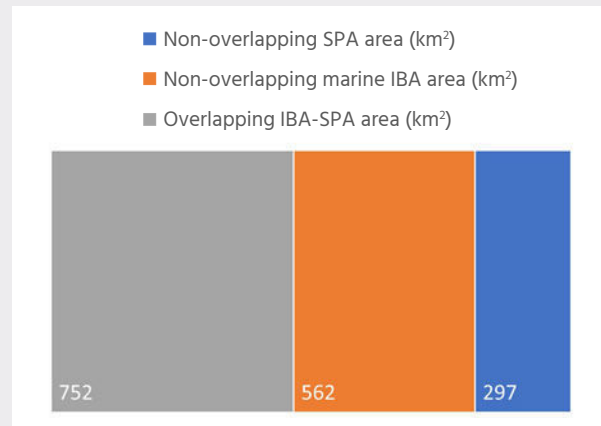


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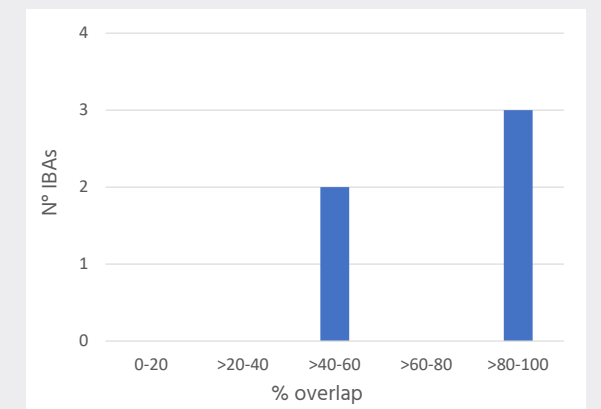
Lithuania’s short coastline and small marine area are in the Baltic Sea, and include the Curonian lagoon, which is separated from the Baltic Sea by the sand dunes of the Curonian Spit. Its waters are important for migratory and wintering seabirds and sea ducks, such as loons, grebes, and eiders, including the Velvet Scoter (EU Red List, Vulnerable), the Long-tailed Duck, and the Steller’s Eider (EU Red List, Endangered). 17% of its marine area is currently protected by SPAs and 57% of the marine area of the IBA network is covered by the SPA network.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	9	1,049	17%		
Seabird IBAs (marine area only)	5	1,314	21%	752	57%
Seabird IBAs (terrestrial & marine areas)	7	1,713		1,096	64%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



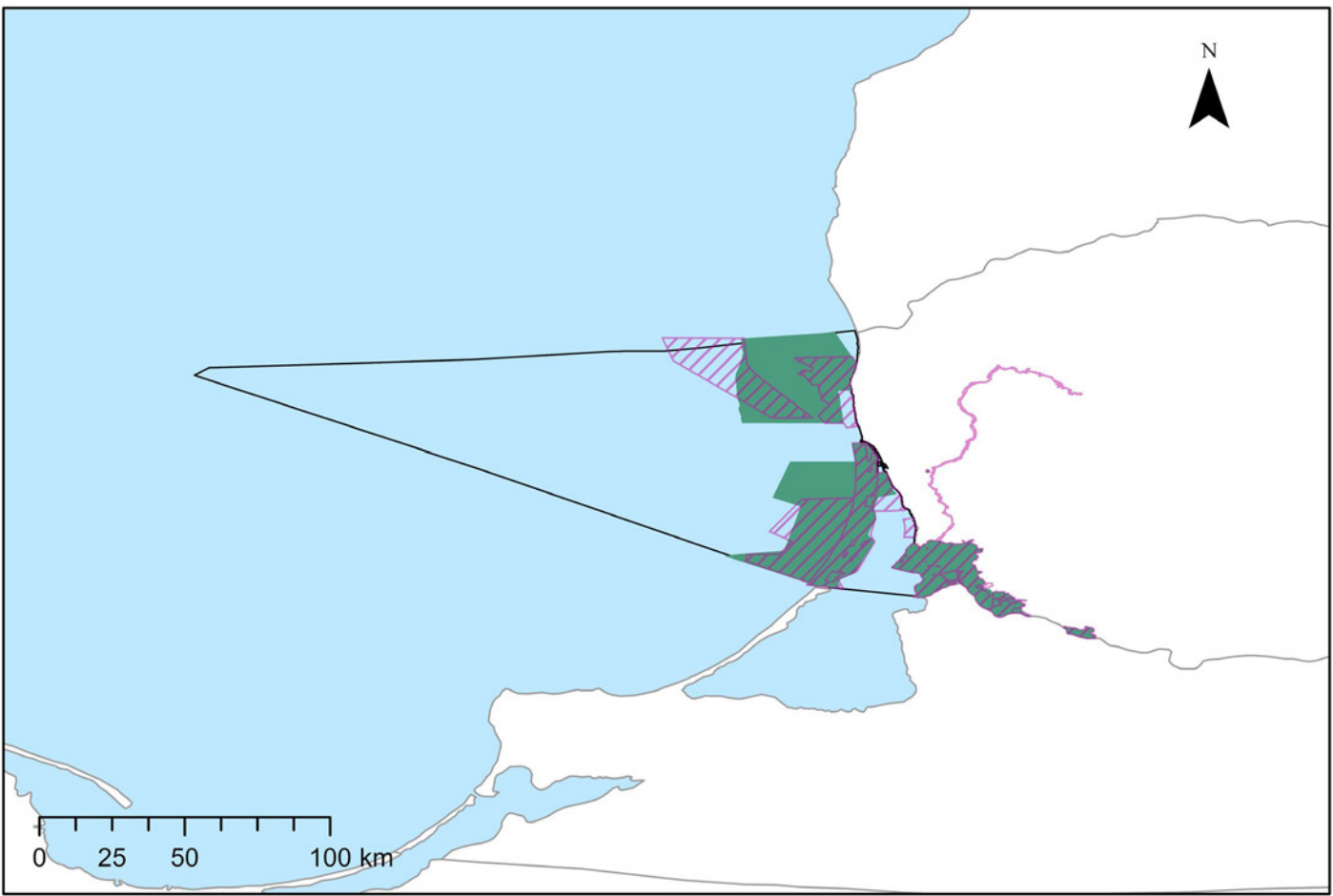
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Identify offshore sites for pelagic species that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Lithuania



Map Legend

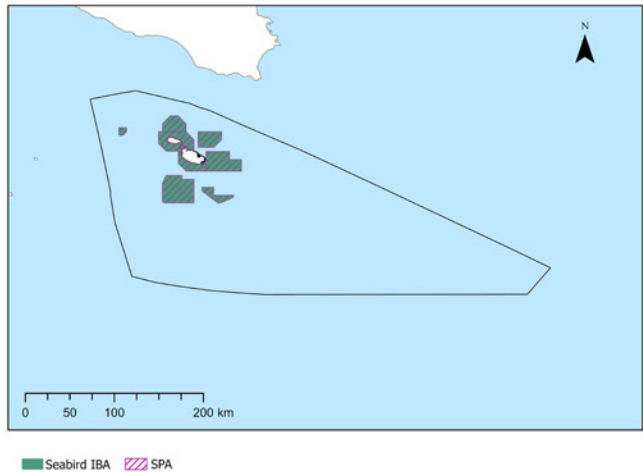
- Seabird IBA
- ▨ SPA



Long-tailed Duck / *Clangula hyemalis* ©Matt Binding

Malta

Progress since 2014: The Maltese Government has designated a number of new marine SPAs increasing the area of its waters protected by SPAs from less than 1% to nearly 6%.

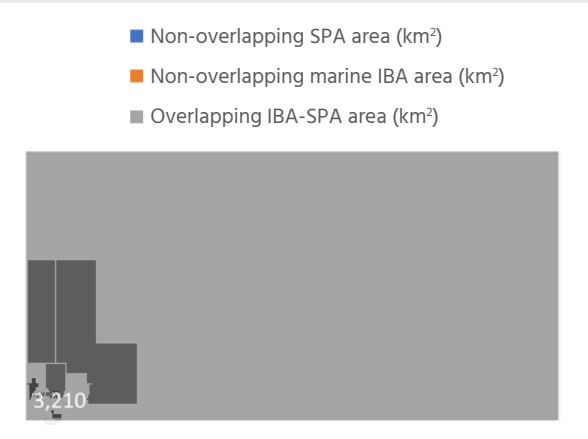


2021 - Status update on mIBAs and Natura 2000 for seabirds

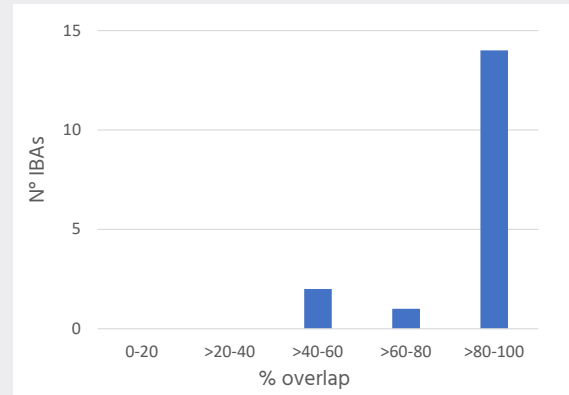
Malta has a relatively large marine area and is very important for several seabirds with important breeding populations of Yelkouan Shearwater (EU Red List, Vulnerable)—Malta hosts approximately 10% of the global population—as well as Scopoli’s Shearwater and European Storm Petrel (Mediterranean subspecies). BirdLife Malta has identified 20 seabird IBAs, of which 17 have a marine component. The marine IBA inventory has expanded in recent years due to an extensive research and monitoring effort led by Birdlife Malta and funded via the EU LIFE Programme. SPAs currently cover nearly 6% of Malta’s waters and nearly completely overlap the marine IBA network, including sites identified for the Yelkouan Shearwater.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	20	3,214	6%		
Seabird IBAs (marine area only)	17	3,215	6%	3,210	100%
Seabird IBAs (terrestrial & marine areas)	20	3,246		3,226	99%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



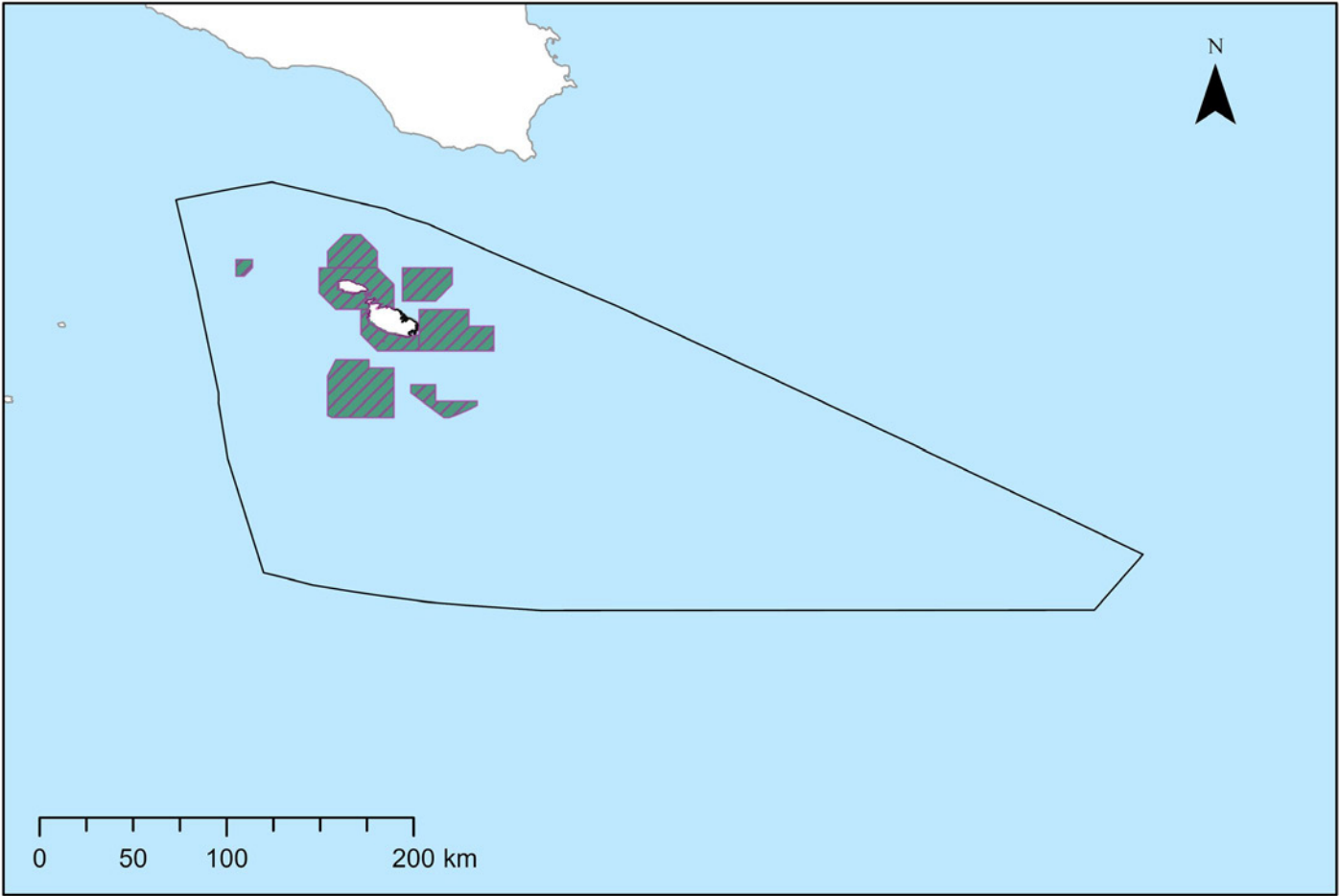
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Identify offshore sites for pelagic species that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Malta



Map Legend

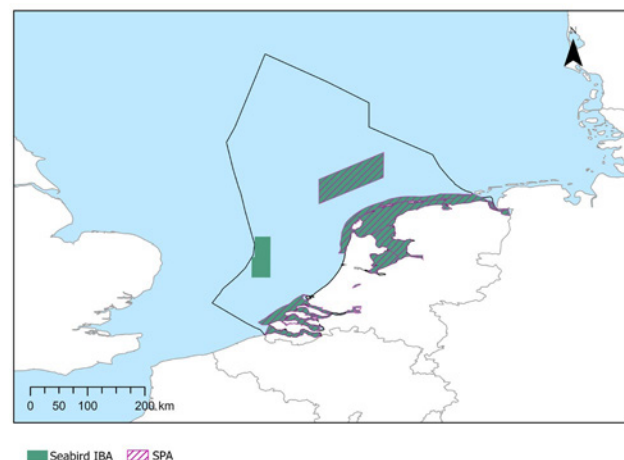
- Seabird IBA
- SPA



Yelkouan Shearwater / *Puffinus yelkouan* © Martin Austad

Netherlands

Progress since 2014: Completion of the designation of the Friesian Front IBA and Brown Bank IBA¹ as SPAs. Adoption of management plans for most of the inshore and coastal SPAs.



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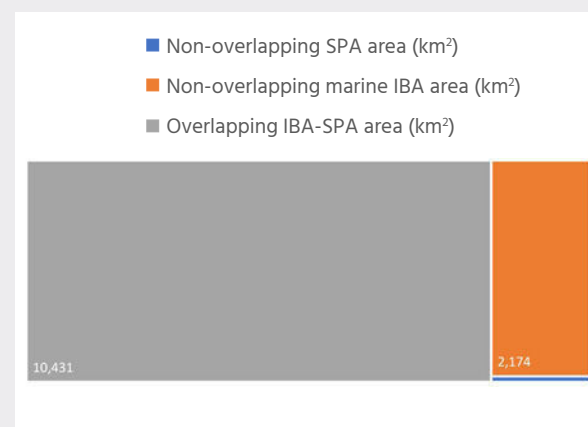
The Netherlands' part of the North Sea is important for many marine and coastal birds including auks, divers, terns, gulls, ducks, loons, grebes, eiders and scoters. The most recent IBA inventory (2019) of BirdLife's Dutch partner, Vogelbescherming Nederland (VBN), and Sovon Dutch Centre for Field Ornithology identified five offshore areas as IBAs: two in the EEZ (Frisian Front and Brown Bank) and three in the territorial sea (Wadden Coast, Hollandse Kust and Delta Coast). IBAs located in internal waters that have been identified for marine and coastal birds include the vast intertidal areas of the Wadden Sea, the Western Scheldt and a significant number of other wetlands and coastal sites.

The Netherlands' SPA network mostly mirrors the IBA network, but gaps remain. Most inshore IBAs and four offshore sites (Frisian Front, Brown Bank, Wadden Coast and Delta Coast) have been designated as SPAs. Additional research and monitoring is required to establish whether the IBA Hollandse Kust and several candidate marine IBAs (Vlakte van de Raan, Borkumse Stenen, Klaverbank, Doggersbank and Centrale Oestergronden) have to be designated as SPAs.

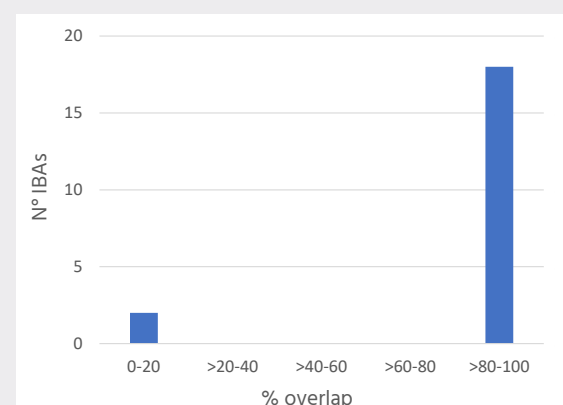
	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	25	10,489	16%		
Seabird IBAs (marine area only)	20	12,604	20%	10,431	83%
Seabird IBAs (terrestrial & marine areas)	24	13,293		11,119	84%

1. The Brown Bank IBA was designated as an SPA in December 2021. Our analysis uses the 2019 SPA dataset therefore the Brown Bank SPA is not included in the figures presented.

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



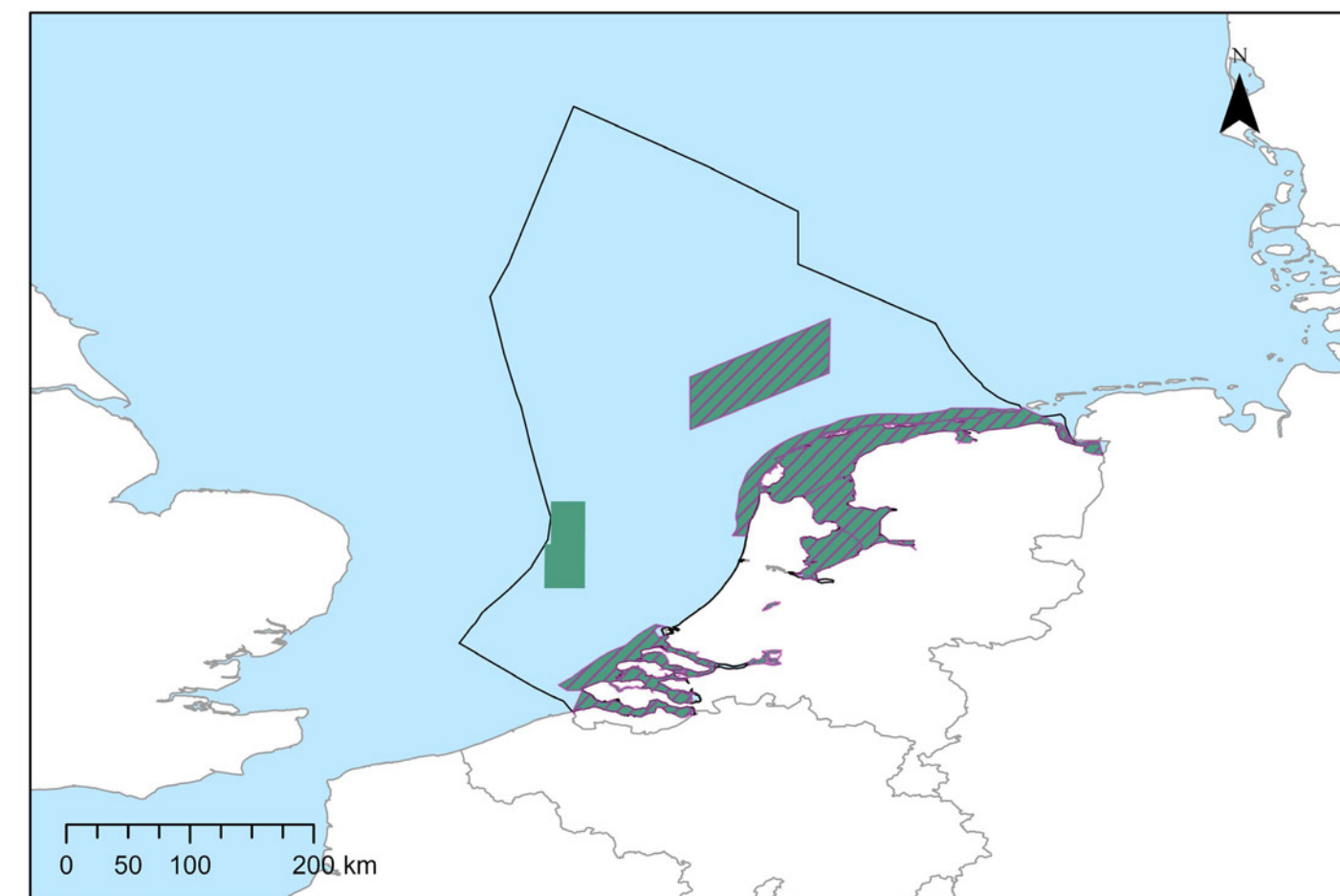
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Conduct research and monitoring to verify whether the IBA Hollandse Kust and the candidate marine IBAs qualify as SPAs and, if so, designate them as SPAs.
- Ensure that the SPAs are designated for all qualifying birds species with clearly defined conservation objectives.
- Adopt management plans for all offshore SPAs with the measures that are required to achieve the conservation objectives.
- Impose (additional) restrictions on fisheries and other activities that can have negative effects on seabirds inside and outside of SPAs.

Netherlands



Map Legend

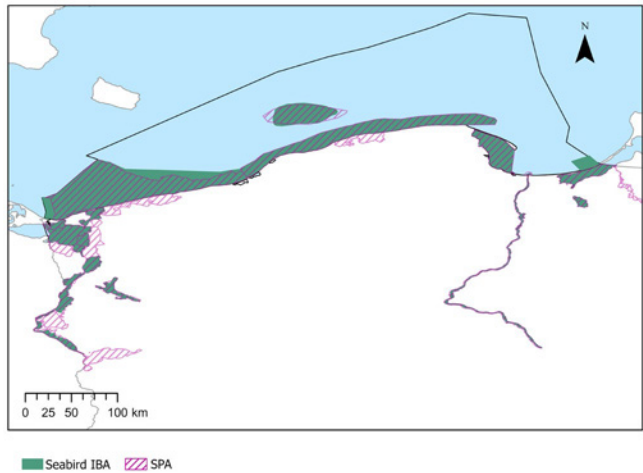
- Seabird IBA
- SPA



Great Crested Grebe / *Podiceps cristatus* © Andrew Kelly

Poland

Progress since 2014: No new SPAs have been designated.

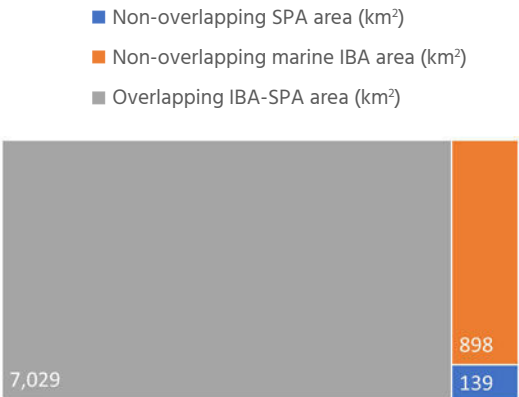


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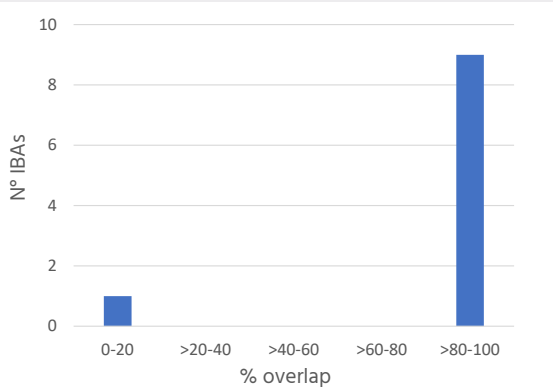
Poland’s marine and coastal area is relatively small compared to other countries, although it covers a large area of the Southern Baltic Sea, including Pomeranian Bay. It includes small bays, lagoons and offshore banks and is important for migratory and wintering sea ducks such as Velvet Scoter (EU Red List, Vulnerable), Greater Scaup (EU Red List, Vulnerable) and Long-tailed Duck as well as three auk species, Common Guillemot, Black Guillemot and Razorbill. 22% of Poland’s marine area is currently protected by SPAs, with a well developed network of coastal and inshore SPAs. OTOP, the BirdLife partner in Poland, has identified a network of 14 seabird IBAs of which 10 have a marine component. Almost 89% of the marine area of this network is protected within the SPA network.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	13	7,168	22%		
Seabird IBAs (marine area only)	10	7,927	24%	7,029	89%
Seabird IBAs (terrestrial & marine areas)	14	9,570		8,486	89%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



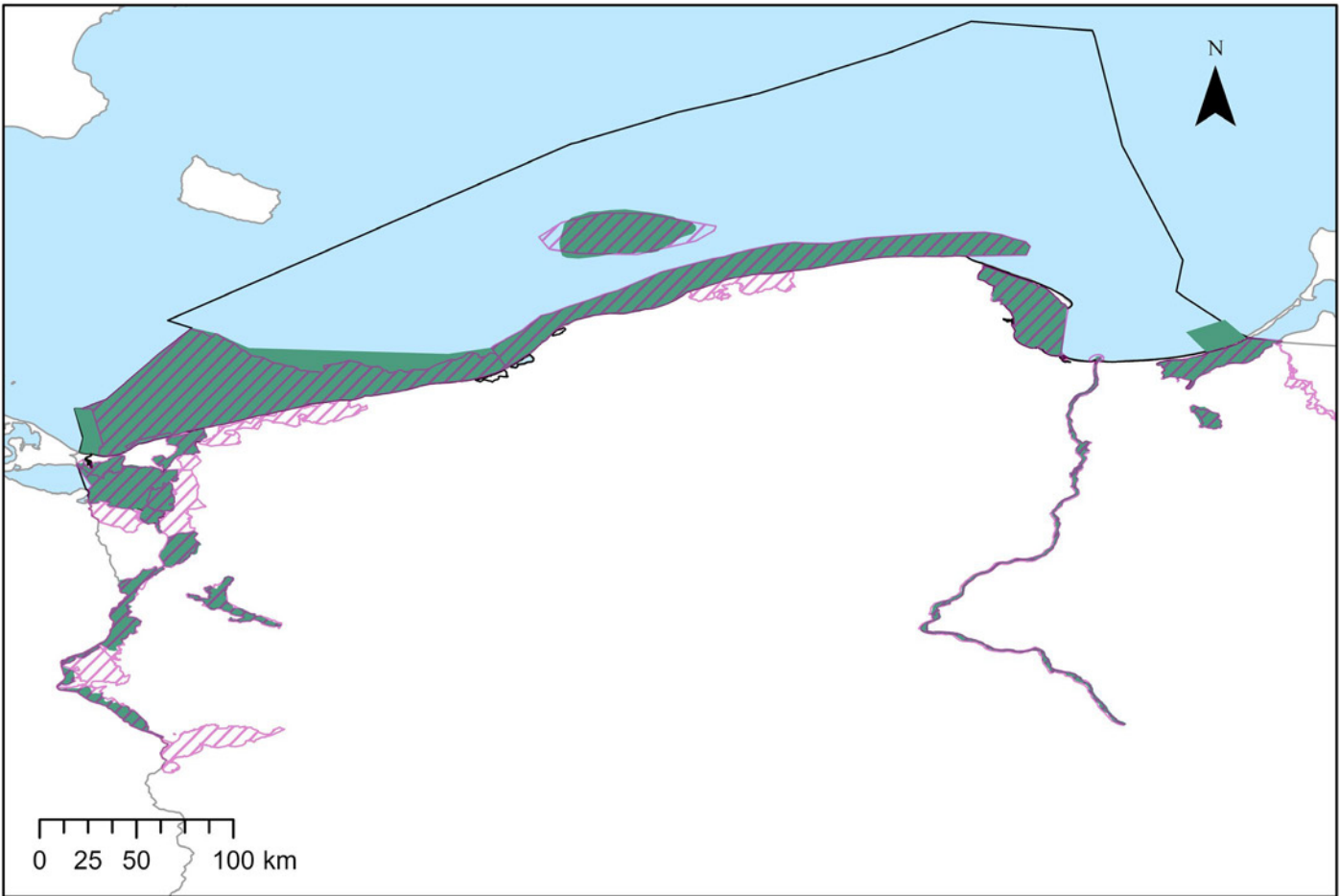
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Identify additional offshore sites that fulfil the IBA criteria, and designate them as SPAs.
- Enlarge the network of SPAs to include the Eastern Border Waters and the Southern Middle Bank), which are important for species such as the Velvet Scoter and the Long-tailed Duck.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Poland



Map Legend

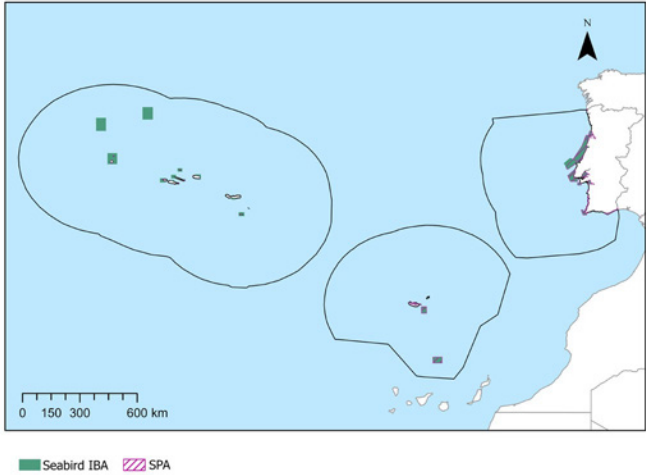
- Seabird IBA
- SPA



Long-tailed Duck/ *Clangula hyemalis* © Dominik Marchowski

Portugal

Progress since 2014: Four large coastal SPAs in Portugal’s Atlantic waters—Aveiro/Nazaré (2,929 km²), Cabo Raso (1,335 km²), Cabo Espichel (156 km²) and Costa Sudoeste (531 km²)—were designated in 2015.



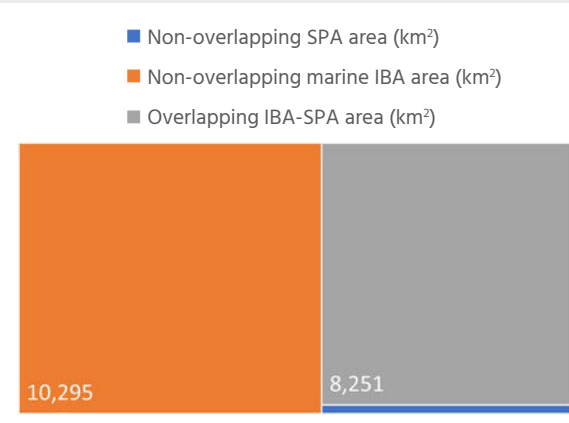
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Portugal has the largest marine area in the EU including its extensive Atlantic coastline and the offshore islands of Azores and Madeira, and hosts a high diversity of seabirds. It provides important breeding and feeding grounds for many species, among them three endemic petrels, two breeding in Madeira, Zino’s Petrel (EU Red List, Endangered) and Desertas Petrel (EU Red List, Vulnerable), and one breeding in Azores, the Monteiro’s Storm-petrel (EU Red List, Vulnerable). It is also an important area for the Balearic Shearwater (EU Red List, Critically Endangered) which is a summer visitor to the Portuguese continental coast. The country also hosts important colonies of Cory’s Shearwaters (including the world’s largest colony), Band-rumped Storm-petrel, White-faced Storm-petrel (EU Red List, Endangered), Bulwer’s Petrel, Audubon’s Shearwater (EU Red List, Nearly Threatened), Manx Shearwater, Roseate Tern, and European Shag. Portugal is also important for many wintering seabirds, such as gannets, jaegers, gulls, skuas, Sooty and Great Shearwaters.

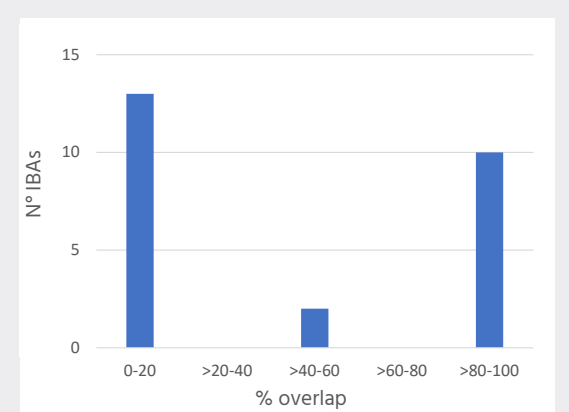
Only 0.5% of its marine area is protected by SPAs. The marine IBA network identified by BirdLife’s partner in Portugal, SPEA, is well protected in the mainland and in Madeira, but near to zero in the Azores. At country level, the overlap with SPAs is only 44%. Marine areas of IBAs identified for Cory’s Shearwater and Monteiro’s Storm-petrel are particularly poorly protected by the current SPA network.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	29	8,523	<1%		
Seabird IBAs (marine area only)	25	18,546	< 1%	8,251	89%
Seabird IBAs (terrestrial & marine areas)	62	19,862		9,487	48%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



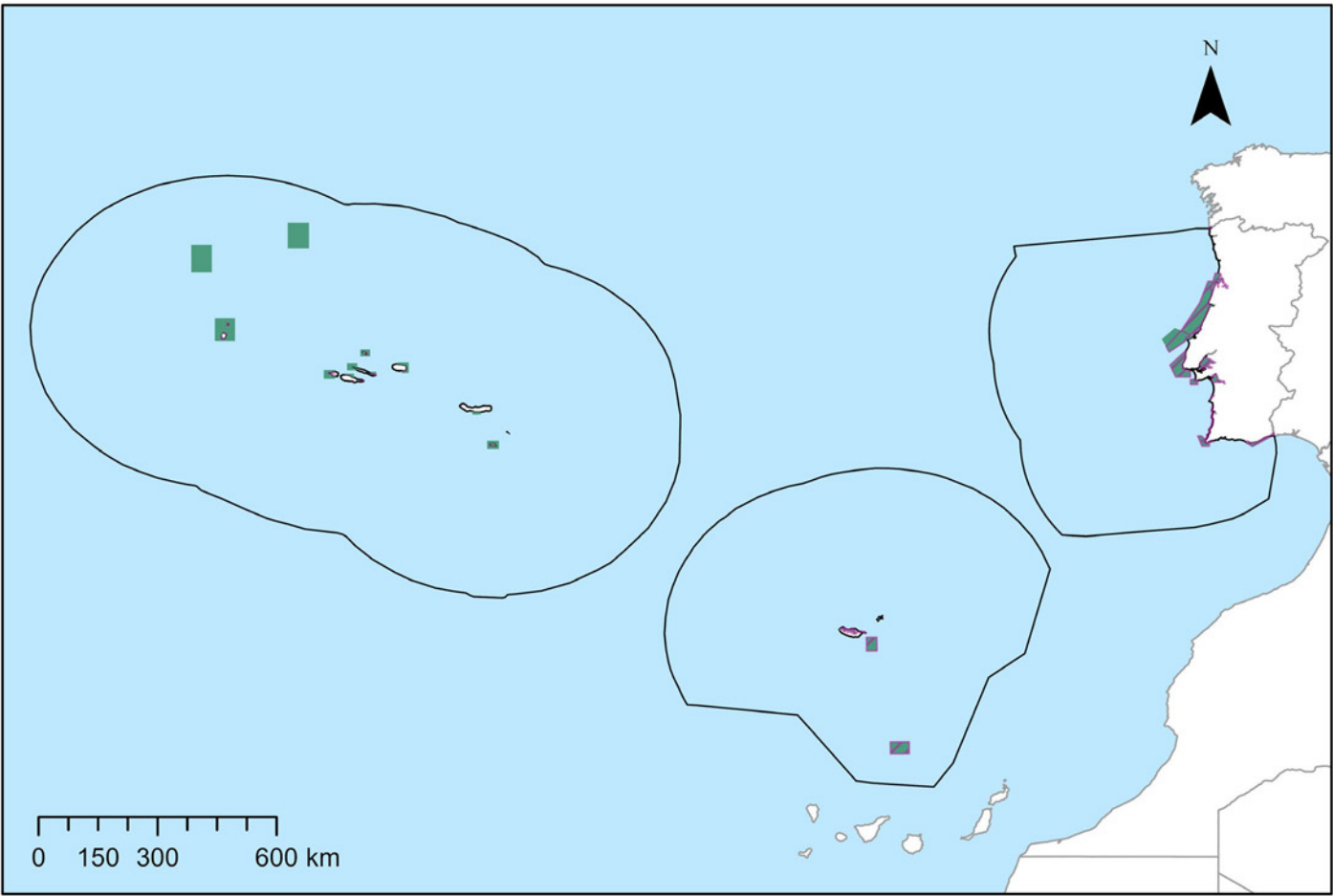
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Expand the Natura 2000 network at sea to cover all IBAs that are not currently protected as SPAs (mainly in Azores).
- Identify additional sites, particularly offshore, that fulfil the IBA criteria, and designate them as SPAs.
- SPEA is currently working on a LIFE project in the Barrier islands (LIFE Ilhas Barreira) to protect priority species such as the Audouin’s gull (EU Red List, Vulnerable) and Little Tern and review the boundaries of the Ria Formosa IBA to inform an update of the marine area of the Ria Formosa SPA.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives, which should include management measures to reduce seabird bycatch.

Portugal



Map Legend

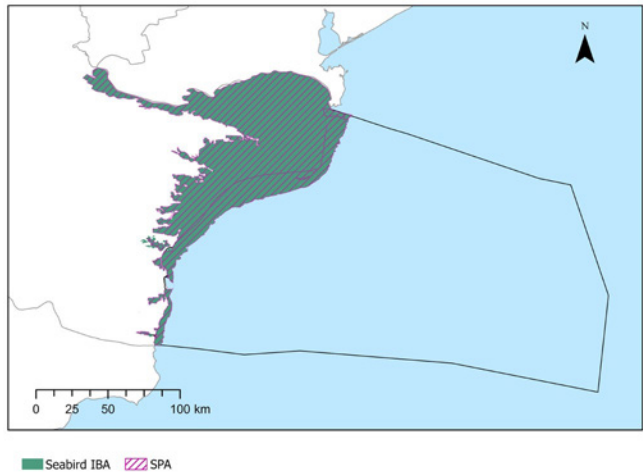
- Seabird IBA
- ▨ SPA



Balearic Shearwater/Puffinus mauretanicus © Jorge Meneses

Romania

Progress since 2014: No new SPAs have been designated.



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Romania has a relatively small marine area located in the Black Sea. Its coast is particularly important for the Yelkouan Shearwater (EU Red List, Vulnerable) during the non-breeding period. Romania is also important for various gulls and terns, and for wintering grebes, mergansers and scoters, such as the Velvet Scoter (EU Red List, Vulnerable). The network of seabird IBAs compiled by BirdLife's Romanian Partner, SOR, is well developed for coastal areas, but further work is needed to develop the network in offshore areas. SPAs currently cover 7% of Romania's marine area and overlap by 99% the marine area of the IBA network, however, they are limited to coastal areas with no offshore SPAs currently designated.

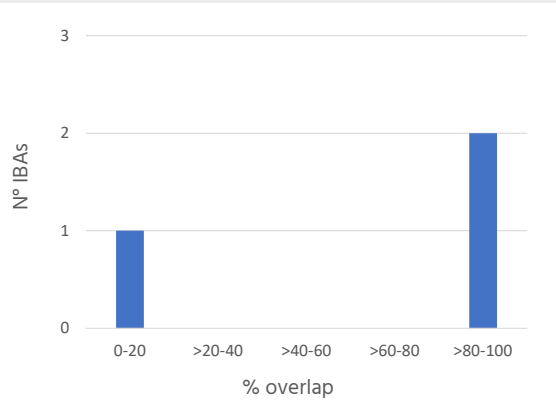
	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	2	2,125	7%		
Seabird IBAs (marine area only)	3	2,128	7%	2,117	99%
Seabird IBAs (terrestrial & marine areas)	7	6,705		6,620	99%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)

- Non-overlapping SPA area (km²)
- Non-overlapping marine IBA area (km²)
- Overlapping IBA-SPA area (km²)



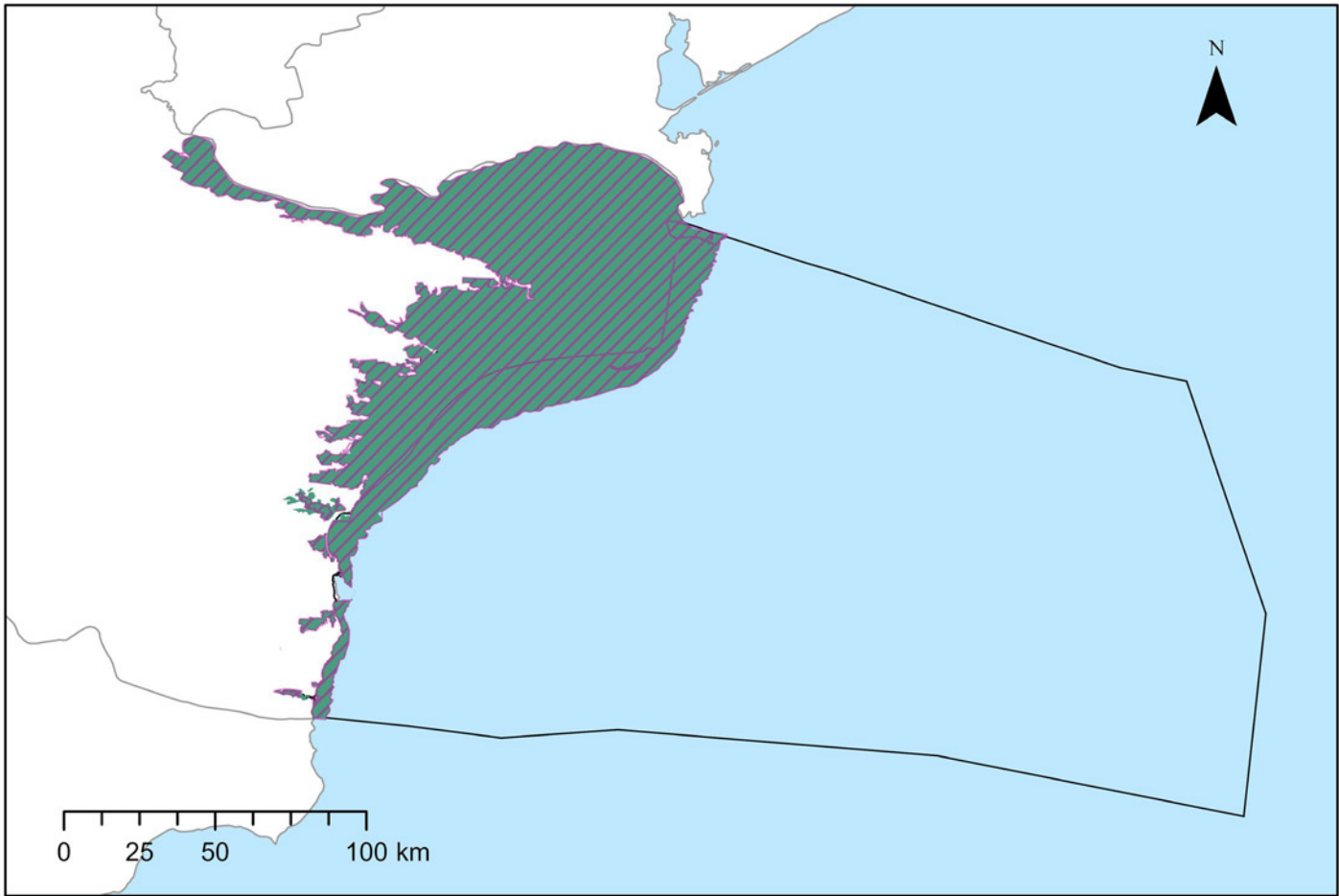
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Identify additional offshore sites that fulfil the IBA criteria, particularly for pelagic species such as the Yelkouan Shearwater, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Romania



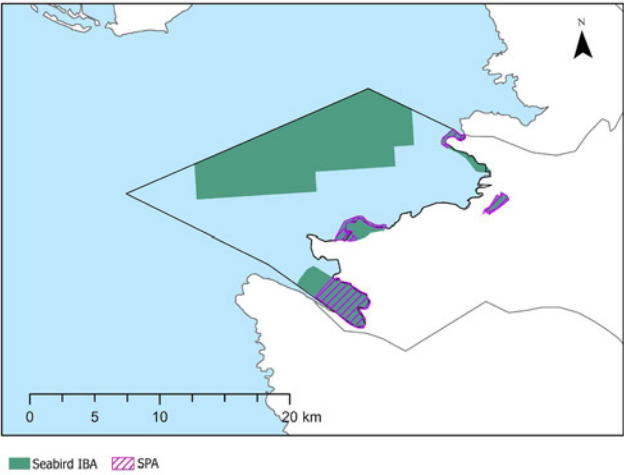
Map Legend

- Seabird IBA
- SPA



Slovenia

Progress since 2014: No new SPAs have been designated.



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Slovenia has the smallest marine area of all EU countries. It is important for various gull and tern species, as well as for the European shag (Mediterranean subspecies) during the non-breeding season. DOPPS-BirdLife Slovenia collected data on the distribution and population size of the European shag from 2011-2015 in the scope of the LIFE SIMARINE-NATURA project enabling the identification of two new sites of importance for this species: a new offshore IBA, the Central Gulf of Trieste (82.18 km²), and an extension of 1.55 km² to the existing Debeli rtič IBA.

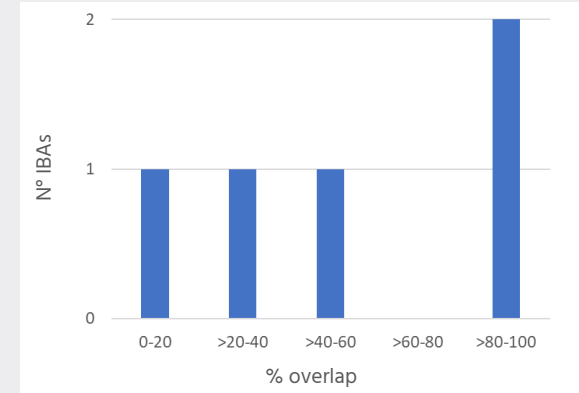
In total SPAs cover only 3% of Slovenia's marine area, and the marine area of the IBA network is poorly covered by the SPAs network with only 6% currently protected.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	4	6	3%		
Seabird IBAs (marine area only)	5	93	43%	6	6%
Seabird IBAs (terrestrial & marine areas)	5	103		13	13%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



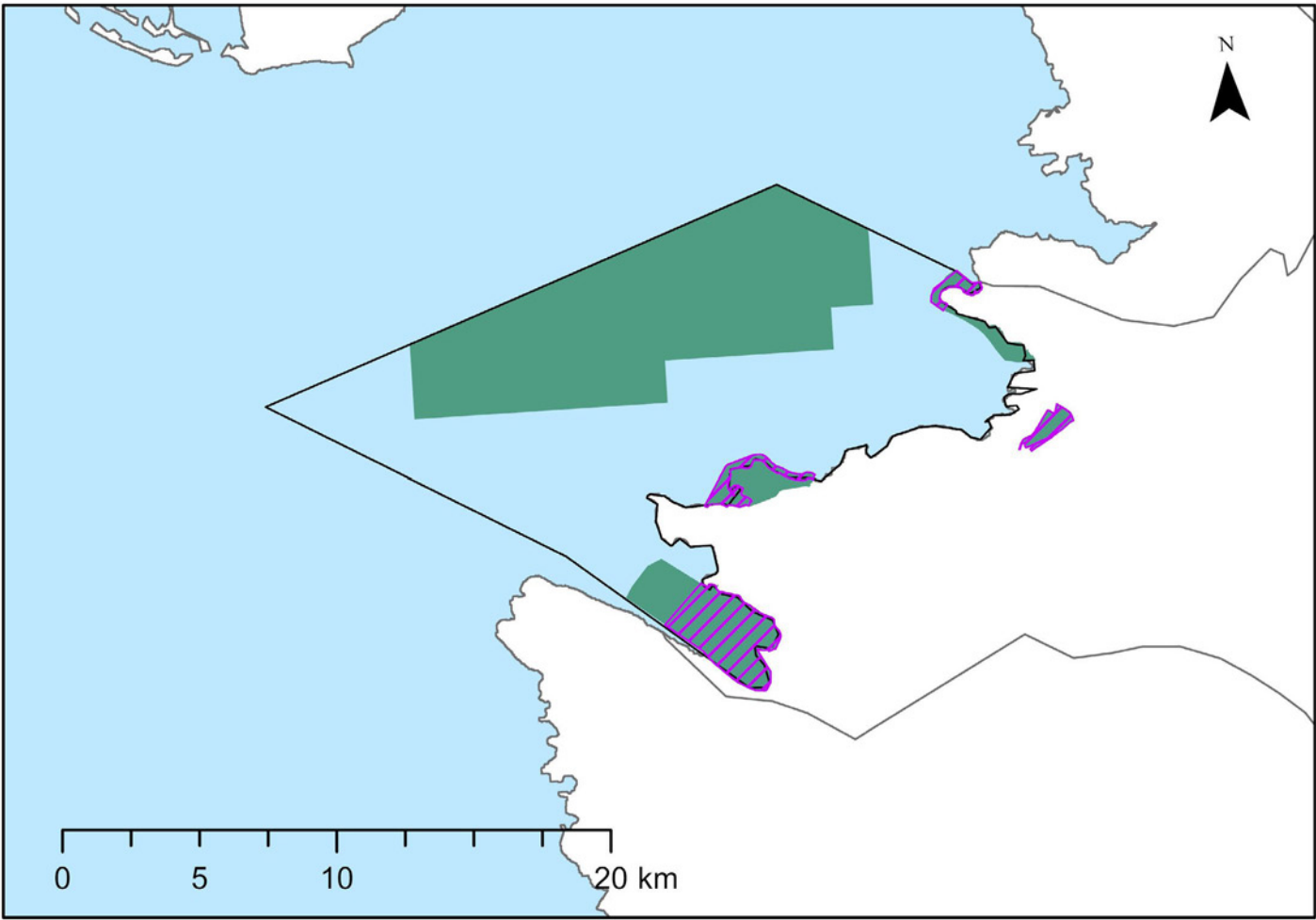
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Designate as an SPA the Central Gulf of Trieste IBA identified for the European Shag.
- Extend the boundaries of the Debeli rtič SPA to fully cover the Debeli rtič IBA.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Slovenia



Map Legend

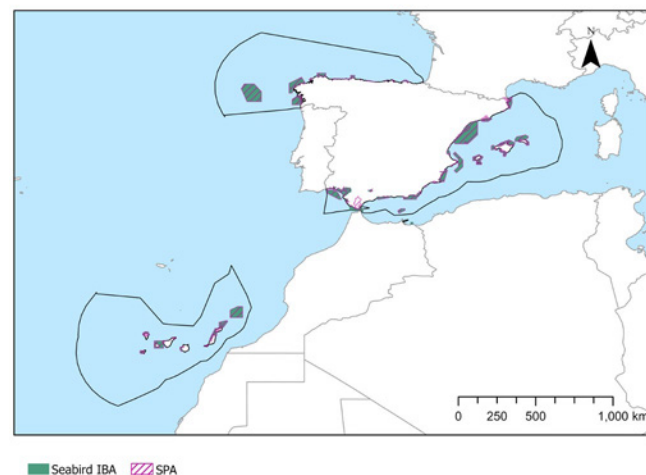
- Seabird IBA
- SPA



Mediterranean Shag / *Phalacrocorax aristotelis desmarestii*
© Iztok Škornik

Spain

Progress since 2014: Some progress has been made with the extension of the Chafarinas Islands SPA to the surrounding sea in 2018. Current work under the LIFE IP INTEMARES aims to designate the Strait of Gibraltar as a marine SPA.



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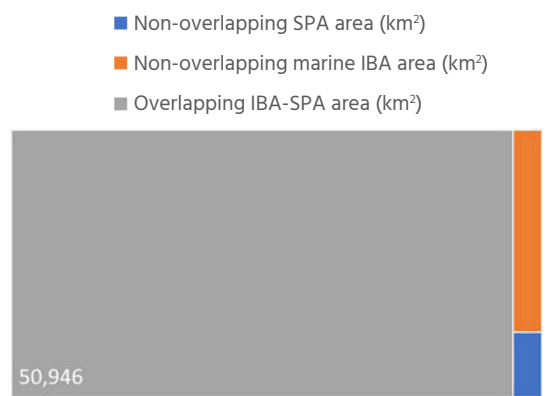
Spain has an extensive marine area (about 1 million km²) comprising waters in the Mediterranean, the North-East Atlantic Ocean, and the waters around the Canary Islands archipelago, that is extremely important for seabirds. It hosts the breeding population of the most threatened European seabird, the Balearic Shearwater (EU Red List, Critically Endangered) as well as important colonies of Scopoli's and Cory's Shearwaters, Audubon shearwater (the Macaronesian form) (EU Red List, Nearly Threatened), Audouin's Gull, European Storm Petrels (Med and Atlantic subspecies), European Shag (Mediterranean subspecies) and several species of petrels, including the White-faced Storm Petrel (EU Red List, Endangered). Its Atlantic and Mediterranean waters are important for many migrating and wintering species, including shearwaters, storm-petrels, gannets, gulls, terns, skuas, and auks.

Spain's SPA network is the second largest in the EU and protects 5% of its marine area. The marine area of the IBA network identified by BirdLife's partner in Spain, SEO/BirdLife, is very well covered by the SPA network with an overlap of 96%.

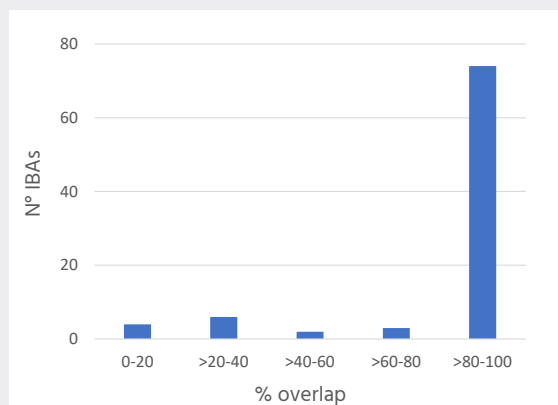
Next steps and priorities:

- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)

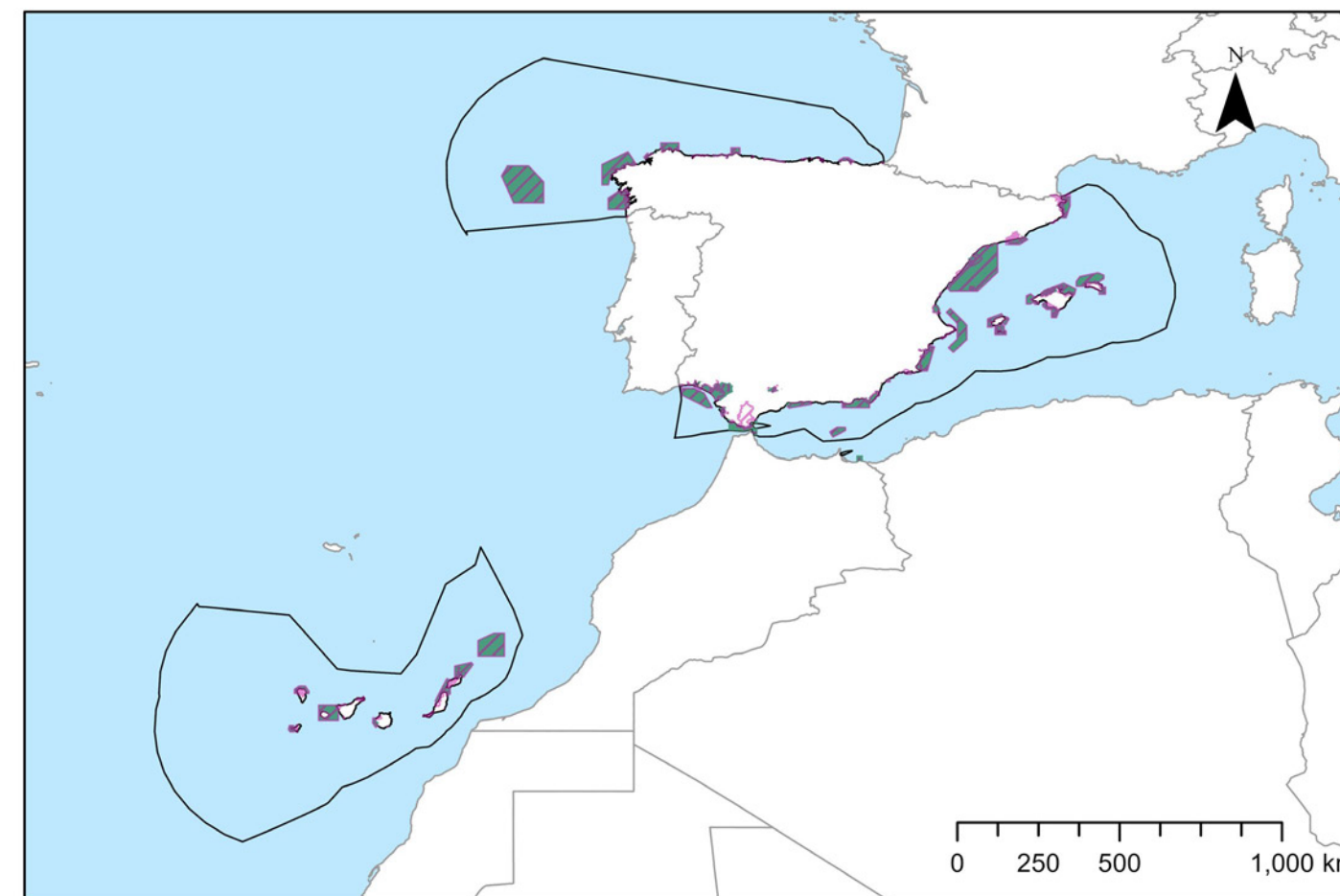


Overlap of IBAs by SPAs (marine area only)



	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	187	51,655	5%		
Seabird IBAs (marine area only)	89	53,148	5%	50,946	96%
Seabird IBAs (terrestrial & marine areas)	96	59,611		54,386	91%

Spain



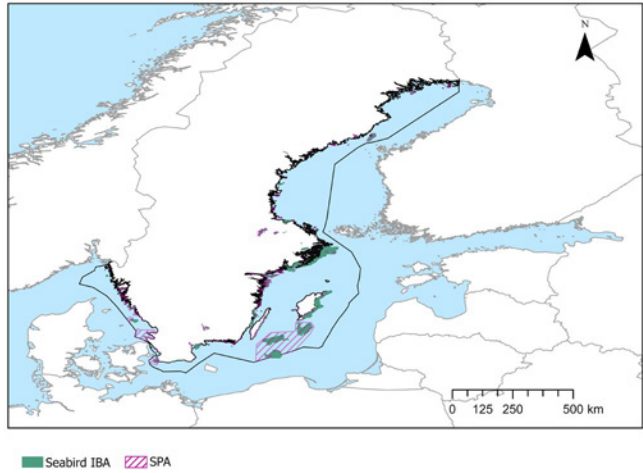
Map Legend

- Seabird IBA
- SPA



Sweden

Progress since 2014: Two SPAs were designated in 2016, the Hoburgs bank och Midsjöbankarna SPA (10,511 km²) in the Baltic Sea and the Nordvästra Skånes havsområde SPA (1,342 km²) in the Kattegat Sea.

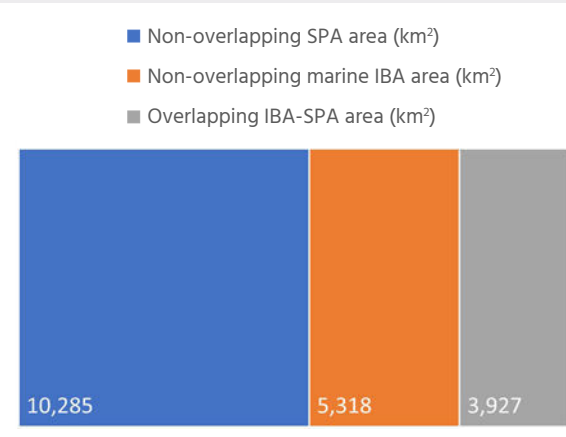


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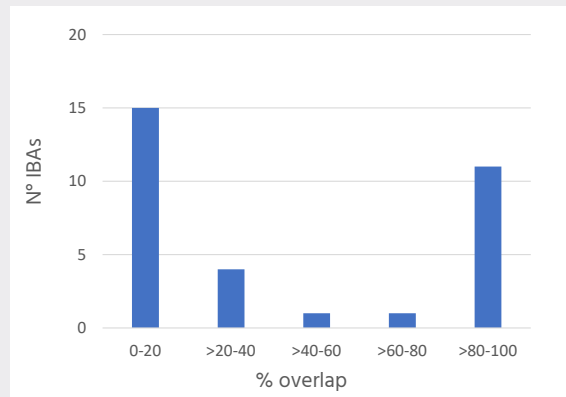
Sweden has a large coastline and marine area, which straddles the Skagerrak, Kattegat and extends from the south to the north of the Baltic Sea. Its coastline includes small bays, banks and archipelagos, and a limited number of sea cliffs. It is an important breeding ground for Arctic and Caspian Terns, Common Guillemots and Razorbills, and hosts important numbers of Velvet Scoters (EU Red List, Vulnerable), Long-tailed Ducks, as well as large numbers of eiders, loons and grebes. Currently only 9% of Sweden’s marine area is protected within SPAs, with the network highly developed in the coastal areas, but less so offshore. The marine area of the IBA network is currently poorly covered by the SPA network. IBAs identified for the Caspian Tern, and for threatened species such as Greater Scaup, Velvet Scoter, Common Eider, Black-legged Kittiwake and Arctic Jaeger are poorly covered by the SPA network.

	N° of Sites	Total area	Coverage of total marine area	Overlap with SPAs	
		km²	%	km²	%
SPAs (marine area only)	142	14,212	9%		
Seabird IBAs (marine area only)	32	9,246	6%	3,927	42%
Seabird IBAs (terrestrial & marine areas)	38	10,880		4,430	41%

Size of overlapping & non-overlapping areas of IBAs & SPAs (marine area only)



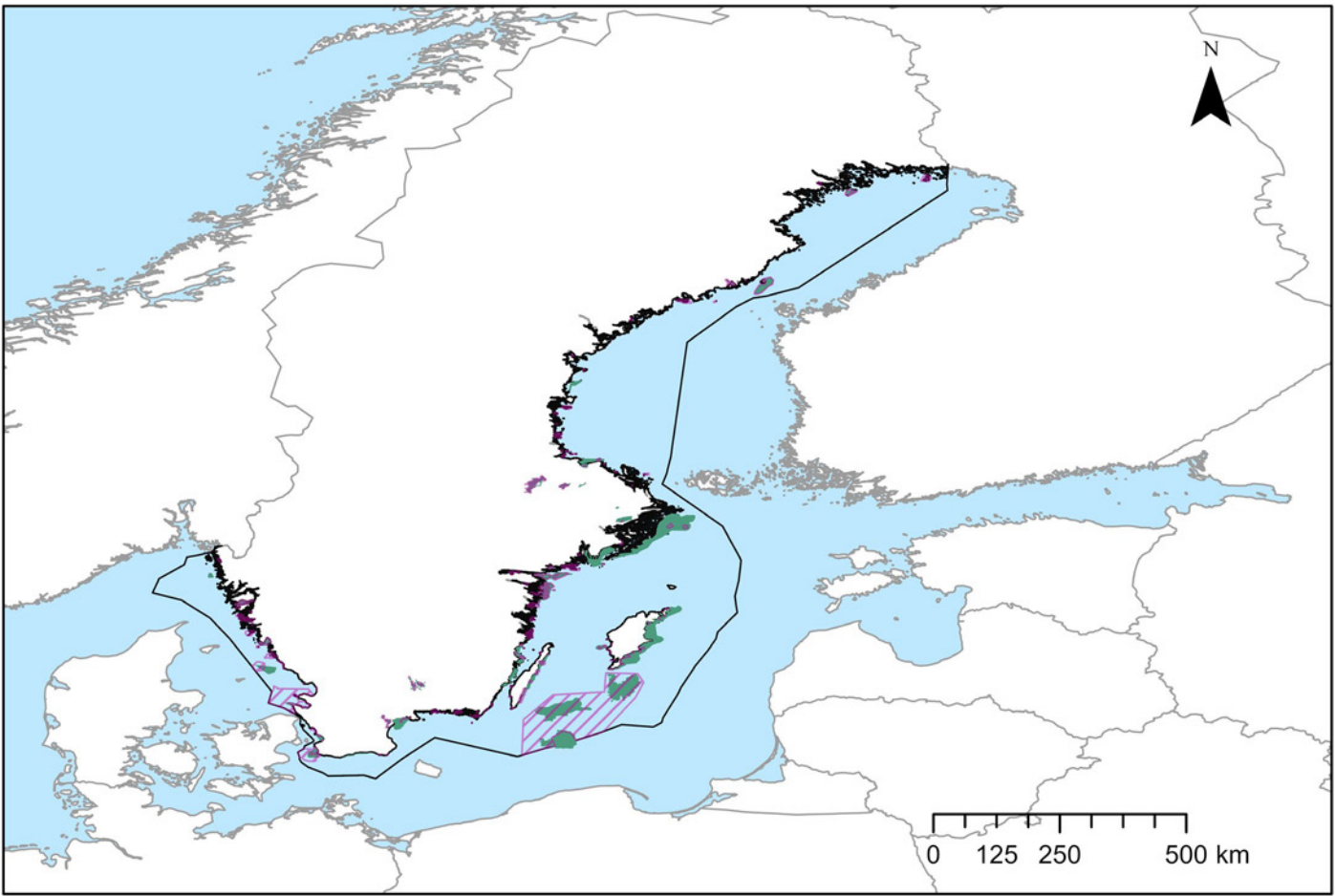
Overlap of IBAs by SPAs (marine area only)



Next steps and priorities:

- Expand the Natura 2000 network at sea to cover all IBAs that are not currently protected as SPAs.
- Identify offshore SPAs for pelagic species such as Auks that fulfil the IBA criteria, and designate them as SPAs.
- Ensure all SPAs have in place management plans with clearly defined and quantifiable science-based conservation objectives, and adequate conservation measures to achieve these objectives.

Sweden



Map Legend

- Seabird IBA
- SPA



Appendix 1: Methods

Data sources

We analysed the Important Bird and Biodiversity Area (IBA) data held in BirdLife’s World Bird and Biodiversity Database (WBDB) for all EU countries in November 2020.

We included in the analysis both coastal (terrestrial) and marine IBAs triggered by at least one seabird species¹ (Seabird IBAs), resulting in a list of 668 sites (see Appendix 2). As IBAs for breeding seabirds may occur at a significant distance from the sea, we considered as coastal all IBAs with a single point of the boundary located at <50 km from the coast; this includes internal waters (which the United Nations Convention on the Law of the Sea (UNCLOS) defines as waters on the side of the baseline of a nation’s territorial waters that is facing toward the land). Marine IBAs include all IBAs where part, or all, of the area overlaps with the marine area of each country (from the coastline (baseline) until the outer boundary of the Exclusive Economic Zone (EEZ)). Our criteria for the selection of the sites means that some sites that are used by certain seabird species during their breeding period when they are not reliant on the marine environment are included.

We obtained a spatial layer with the boundaries of Natura 2000 sites in November 2019 from the European Environment Agency website².

A spatial layer with the marine boundaries for each country was obtained from BirdLife International’s internal spatial databases. The coastal boundary in this spatial layer is the high tide mark, therefore, it doesn’t correspond to the baseline as defined by UNCLOS which refers to the low-water line.

Data analysis

All of the spatial data with the boundaries of IBAs (only coastal and marine; see above “data sources” section), SPAs (N2000 sites type A – sites designated as SPAs, and type C – sites designated as both SCI and SPA) and EEZs were first analysed in a GIS software (ArcGIS Pro) to estimate³:

- a. The total area of each IBA, in ha
- b. The total area of each IBA overlapping with a SPA, in ha
- c. The marine area of each IBA, in ha (i.e., the part of each IBA overlapping with the Territorial Sea and EEZ)
- d. The marine area of each IBA overlapping with a SPA, in ha
- e. The percentage of the EEZ covered by IBAs, SPAs, and IBAs overlapping with SPAs

The results were then exported and further analysed in R (R Core Team 2019) to calculate, for each country:

- 1. Number of seabird IBAs (marine and coastal)
- 2. Total area of seabird IBAs (in km²)
- 3. Total area of overlap between IBAs and SPAs (in km²)
- 4. Percentage of IBA area in the country covered by SPAs
- 5. Average percentage of each IBA covered by SPA
- 6. Range of percentage of each IBA covered by SPA (minimum and maximum coverage)

Two sets of analyses were carried out:

- Considering all coastal and marine seabird IBAs (see definition above; n=668 sites), based on the results of the spatial analyses a) and b) described above
- Considering only the marine part of the IBAs, based on the results of the spatial analysis c) and d) described above; n=554 sites)

Analysis of IBAs per trigger species

We estimated the SPA coverage of IBAs for each seabird species in each country based on the abundance of species in each IBA and the percentage of coverage of each IBA by a SPA, as follows:

$$\frac{\sum_{i=1}^n sp_i * Ovlp_i}{\sum_{i=1}^n spi}$$

where n=number of IBAs in the country, spi=maximum most recent abundance of the species in IBA i (number of individuals), Ovlpi=percentage of overlap of IBA i by a SPA.

Therefore, the SPA coverage of IBAs for each species does not represent the percentage of birds inside SPAs overlapping with IBAs, but rather an index of the level of coverage of IBAs triggered by different seabird species. A high percentage doesn’t necessarily indicate that a particular species is well protected within the marine area of a particular country due to the varying degree of completion of the marine IBA network in different Member States. The full results of this analysis is not presented in the country sheets, however, we highlight instances where IBAs for specific species are not well covered by the SPA network.

1. A list of all seabird species is available on BirdLife’s Datazone: <http://datazone.birdlife.org/species/results?thrlev1=&thrlev2=&kw=&fam=0&gen=0&spc=&cmn=®=0&city=0&stsea=Y>
2. <https://www.eea.europa.eu/data-and-maps/data/natura-11/natura-2000-spatial-data/natura-2000-shapefile-1>
3. The results of the spatial analyses per IBA can be found in Appendix 2

Appendix 2: List of marine and coastal IBAs included per country and results of the spatial analysis

Belgium

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Belgium	IJzervallei-De Blankkaart	699	51.4	49.2	0	N/A
Belgium	Zwin	701	19.1	18.5	0.7	0.4
Belgium	Schorren en Polder van de Beneden-Schelde	704	70.9	67.4	1.7	1.5
Belgium	Kuifeend and Blokkersdijk	705	1.9	1.6	0	N/A
Belgium	Voorhaven Zeebrugge and Baai van Heist	3586	5.0	4.4	4.5	4.0

Bulgaria

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Bulgaria	Mandra-Poda complex	397	59.9	59.9	33.8	33.8
Bulgaria	Shabla Lake Complex	398	32.0	32.0	4.5	4.5
Bulgaria	Burgasko Lake	399	30.9	30.9	0	N/A
Bulgaria	Durankulak Lake	401	33.6	33.6	5.7	5.7
Bulgaria	Atanasovsko Lake	402	72.1	72.1	0.2	0.2
Bulgaria	Ropotamo Complex	407	38.7	38.7	10.8	10.8
Bulgaria	Emine	408	688.1	688.1	171.3	171.3
Bulgaria	Strandzha	434	1,154.1	1,154.1	7.2	7.2
Bulgaria	Varna-Beloslav Lakes Complex	438	46.8	46.8	0.1	0.1
Bulgaria	Pomorie Lake	441	9.5	9.5	1.0	1.0
Bulgaria	Kaliakra	18973	161.7	161.7	55.0	55.0
Bulgaria	Galata	18982	80.5	80.5	16.2	16.2
Bulgaria	Bakarlaka	18996	335.0	335.0	214.7	214.7
Bulgaria	Batova	18997	381.3	381.3	1.2	1.2

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Croatia	Kornati National Park and Telascica Nature Park	3604	285.8	285.8	199.0	199.0
Croatia	Offshore Islands	23997	126.8	126.8	22.3	22.3
Croatia	Lastovo Archipelago	23998	195.7	195.7	144.3	144.3
Croatia	NW Part of Mljet National Park	23999	16.5	16.5	13.0	13.0
Croatia	Middle Dalmatian Islands and Peljesac Penninsula	24000	825.8	825.8	54.8	54.8
Croatia	North Part of Zadar Archipelago	24001	130.5	130.5	41.4	41.4
Croatia	Western Istrian Maritime Zone	24002	148.8	148.8	74.6	74.6
Croatia	NW Dalmatia and Pag Island	24006	598.9	598.9	239.7	239.7
Croatia	Kvarner Islands	24013	1,186.9	1,186.9	171.4	171.4
Croatia	Neretva Delta	31962	238.1	238.1	8.9	8.9

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Cyprus	Karpasia Peninsula - Kleides Islands	24486	588.8	0	444.6	0

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Denmark	Ulvedybet and Nibe Bredning	2950	198.8	185.9	0	N/A
Denmark	Coast from Aggersund to Bygholm Vejle	2951	16.7	16.7	0	N/A
Denmark	South Læsø	2952	145.7	145.7	106.5	106.5
Denmark	Lovns Bredning	2954	75.5	75.5	0	N/A
Denmark	Nissum Fjord	2957	112.3	109.6	0.2	0
Denmark	Ringkøbing Fjord	2962	267.9	267.8	0.3	0.3
Denmark	Lillebælt	2966	354.3	352.2	272.3	272.3
Denmark	Vadehavet (Wadden Sea)	2968	701.9	701.8	668.0	667.9
Denmark	Skallingen and Langli	2972	23.8	23.8	0.2	0.2
Denmark	Tøndermarsken, Magisterkog and Rudbøl Sø	2973	65.3	65.3	4.3	4.3

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Denmark	Kongens Mose and Draved Skov	2981	7.9	7.9	0	N/A
Denmark	Vresen and sea area between Fyn and Langeland	2990	35.3	35.3	34.9	34.9
Denmark	Hyllekrog-Rødsand and Fehmarn Belt	2992	549.4	331.5	498.4	280.8
Denmark	Islands in Smålandshavet, north of Lolland	2994	193.3	193.3	152.8	152.8
Denmark	Maribo lakes	2996	38.2	38.2	0	N/A
Denmark	Præstø Fjord, Ulvshale, Nyord and Jungshoved Nor	2998	248.2	247.7	203.5	203.0
Denmark	Sejerø Bay and Nekselø	3003	404.7	404.7	385.3	385.3
Denmark	Islands and coast between Skælskør Fjord and Glænø	3005	55.9	55.9	19.7	19.7
Denmark	Hovvig	3006	2.4	2.4	1.1	1.1
Denmark	Sprogø and Halskov Rev	3007	49.4	49.4	47.4	47.4
Denmark	Korshage, Hundested and surrounding sea area	3011	40.1	40.1	37.5	37.5
Denmark	Roskilde Fjord, Selsø and Kattinge Søerne	3014	152.0	132.1	110.8	93.7
Denmark	Arresø	3015	55.0	46.2	0	N/A
Denmark	Saltholm	3019	72.5	72.5	55.8	55.7
Denmark	Vestamager and adjacent sea area	3020	62.1	62.1	37.5	37.5
Denmark	Hjelm	3021	0.6	0	0.1	0
Denmark	Lille Vildmose	3030	74.3	74.3	0	N/A
Denmark	Nordre Rønner	3031	29.9	29.9	29.5	29.5
Denmark	Hirsholmene	3032	37.2	37.2	34.4	34.4
Denmark	Eastern part of Vejlerne	3033	48.6	48.6	0	N/A
Denmark	Norsminde (Kysing) Fjord	3046	5.8	3.7	0	N/A
Denmark	Stavnsfjord and adjacent waters	3047	155.4	155.3	144.8	144.7
Denmark	Horsens Fjord, Svanegrunden & Endelave	3051	427.8	427.8	390.6	390.6
Denmark	Sydfynske Ø-hav	3053	383.5	383.5	312.8	312.7
Denmark	Odense Fjord	3055	83.5	50.7	57.9	39.0
Denmark	Nærå Coast and Æbelø area	3056	131.5	131.5	95.6	95.6
Denmark	Fanø	3062	44.6	44.6	4.8	4.8
Denmark	Smålandsfarvandet	3065	1,230.9	407.8	1,228.2	405.7
Denmark	Ørkenen and Totten (Anholt Island)	3069	18.4	1.4	0.5	0.4
Denmark	Rønne Banke	3074	1,195.2	0	1,187.6	0
Denmark	Eastern German Bight	3075	5,769.8	2,933.8	5,767.1	2,931.5
Denmark	Skagerrak-Southwest Norwegian trench	3076	12,593.2	0	12,590.5	0
Denmark	Lille Middelgrund	9502	513.4	0	513.4	0

Estonia

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Estonia	Vilsandi archipelago	265	183.1	182.7	116.6	116.2
Estonia	Luitemaa	276	130.3	127.6	28.9	27.2
Estonia	Siiksaare-Oessaare bays	283	39.2	39.0	18.4	18.3
Estonia	Küdema bay	289	45.4	44.9	38.3	38.3
Estonia	Tagamõisa peninsula	290	112.4	111.9	82.7	82.7
Estonia	Nõva-Osmussaar	9012	240.5	237.0	204.5	204.1
Estonia	Irbe strait	9016	2,077.0	1,915.2	1,881.8	1,878.7
Estonia	Kabli	18534	7.4	7.3	7.0	7.0
Estonia	Kolga bay	18538	25.3	24.5	21.1	20.4
Estonia	Koorunõmme	18539	22.2	22.2	18.9	18.9
Estonia	Kõrvemaa	18542	230.5	225.4	0	N/A
Estonia	Lahemaa	18544	728.9	724.7	242.5	239.2
Estonia	Lavassaare	18545	103.2	100.5	0	N/A
Estonia	Mullutu	18547	68.4	63.0	7.6	7.3
Estonia	Pakri	18550	211.5	202.4	165.1	164.5
Estonia	Vaindloo island	18560	0.8	0.8	0.6	0.6
Estonia	Väinameri	18563	2,811.2	2,693.6	2,232.6	2,212.4
Estonia	Pärnu bay (NEW)	18564	1,099.7	1,077.9	1,049.5	1,036.1
Estonia	Kahtla-Kübassaare	18565	144.3	139.8	101.4	101.2

Finland

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Finland	Långskär-Nyhamn	1285	131.6	13.3	128.0	11.7
Finland	Mulklobb	1286	6.6	0	5.0	0
Finland	Eckerö and Hammarland archipelago	1287	160.4	77.0	148.8	70.8
Finland	Mietoistenlahti bay	1289	20.6	4.8	4.9	3.7
Finland	Paimionlahti bay	1290	7.0	2.1	1.1	1.0
Finland	Korppoo and Nauvo southern archipelago	1291	703.0	328.4	682.0	314.0
Finland	Oura and Enskeri archipelagos	1292	96.9	45.4	88.5	41.7
Finland	Rauma and Luvia archipelagos	1295	273.1	75.4	239.5	68.9
Finland	Koskeljärvi, Vaaljärvi and Pitkäjärvi lakes	1296	20.9	14.8	0	N/A

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Finland	Pori archipelago and wetlands	1297	154.1	75.6	117.7	62.3
Finland	Kirkkonummi archipelago	1298	163.1	112.3	156.5	106.2
Finland	Hanko western archipelago	1299	279.7	240.6	271.2	234.2
Finland	Tammisaari and Inkoo western archipelago	1300	375.6	232.5	340.6	209.2
Finland	Laajalahti bay, Vanhankaupunginlahti bay and Viikki	1302	12.7	4.7	6.8	3.6
Finland	Porvoo outer archipelago	1303	225.7	114.3	221.3	111.3
Finland	Porvoonjoki Delta	1304	9.0	6.9	6.2	5.6
Finland	Pernaja outer archipelago	1305	182.5	140.8	180.7	139.1
Finland	Kirkon-Vilkkiläntura Bay	1307	2.0	1.4	0.6	0.4
Finland	Itäinen Suomenlahti National Park	1308	933.0	921.6	916.8	906.9
Finland	Kristiinankaupunki southern archipelago	1334	282.9	32.9	277.5	28.8
Finland	Merenkurkku archipelago	1335	2,231.7	1,185.4	2,112.8	1,082.0
Finland	Uusikaarlepyy archipelago	1336	76.9	30.3	71.0	25.0
Finland	Sundominlahti Bay and Söderfjärden	1338	45.0	24.0	21.7	5.3
Finland	Kokkola and Kälviä archipelago	1339	203.2	164.4	191.3	157.5
Finland	Rahja archipelago	1340	116.7	82.8	96.7	69.3
Finland	Rummelö-Harrbodan	1341	2.4	1.8	1.7	1.2
Finland	Oulu region wetlands	1352	817.6	200.8	503.7	156.0
Finland	Krunnit archipelago	1353	45.8	41.5	40.0	35.7
Finland	Tornionjoki Delta	1357	5.3	3.8	4.2	3.2
Finland	Martimoaapa-Lumiaapa-Penikat	1359	126.2	121.4	0	N/A
Finland	Föglö southern archipelago	1380	304.9	23.7	301.5	22.7
Finland	Suomenoja	26551	0.6	0	0.2	0
Finland	Örö-Bengtskär	44707	163.4	148.0	161.8	146.9
Finland	Shallowbanks of Uusikaupunki archipelago	45168	120.3	119.8	116.3	115.8
Finland	Shallowbanks of Espoo-Helsinki archipelago	45169	117.1	0	112.0	0

France

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
France	Bassin d'Arcachon et Banc d'Arguin	2157	331.4	190.7	286.8	165.0
France	Rochers de Biarritz : le Bouccalot et la Roche Ronde	2161	1,282.6	2.4	1,276.2	2.2
France	Estuaire de la Bidassoa et Baie de Fontarabie	2176	67.2	66.9	66.5	66.5
France	Baie des Veys et Marais du Cotentin	2188	375.2	290.3	39.7	35.9
France	Iles Saint Marcouf	2189	2,352.5	449.3	2,333.5	446.8
France	Iles Chausey	2190	1,642.3	831.8	1,619.6	829.7
France	Littoral Augeron	2193	232.2	210.4	222.4	210.3
France	Baie du Mont Saint Michel et Ile des Landes	2195	637.5	563.3	465.7	462.6
France	Iles de la Colombière, de la Nellière et des Haches	2200	18.5	16.7	17.9	16.2
France	Îlots de Trévorc'h	2201	410.3	18.7	402.4	18.2
France	Archipel de Molène	2202	109.2	109.2	106.3	106.3
France	Rade de Brest: Baie de Daoulas et Anse du Poulmic	2203	90.4	75.1	66.8	61.2
France	Cap Sizun	2204	6.0	5.5	4.1	3.9
France	Archipel des Glénan	2206	2,883.3	1,212.5	2,858.4	1,209.4
France	Baies de Morlaix et de Carantec	2207	1,708.1	265.6	1,684.9	256.7
France	Ile d'Ouessant	2208	2,944.9	708.2	2,927.8	700.0
France	Golfe du Morbihan et Etier de Penerf	2209	1,886.3	700.5	1,807.2	675.5
France	Cap Frehel	2210	309.6	275.5	299.4	267.8
France	Baie de Vilaine	2211	45.0	40.5	37.4	35.6
France	Presqu'île de Crozon, Tas de Pois et Rochers du Toulinguet	2212	2,601.6	470.1	2,575.8	468.0
France	Détroit de Bonifaccio et Iles Lavezzi	2245	1,504.7	938.8	1,492.2	932.5
France	Iles Cerbicale	2246	41.8	38.1	37.0	36.7
France	Golfe de Porto, presqu'île de Scandola et golfe de Galeria	2247	2,936.6	1,168.6	2,808.8	1,077.1
France	Etang de Biguglia	2251	19.9	17.5	0.1	0
France	Etang d'Urbino et zones humides périphériques	2253	2,406.7	23.6	2,346.6	0
France	Iles Sanguinaires	2254	619.1	399.0	612.5	395.4
France	Iles Finocchiarola et côte de Tamarone à Centuri	2255	3,514.9	1,619.3	3,491.1	1,606.5
France	Cap Fagnet	2264	2,810.6	1,566.6	2,805.1	1,563.3
France	Estuaire et embouchure de la Seine	2266	219.8	134.7	91.0	59.1

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France	Etangs de Leucate et Lapalme	2285	2,185.4	371.3	2,096.6	315.5
France	Etangs Narbonnais	2286	106.8	102.7	16.1	15.8
France	Etangs Montpelliérains	2291	127.2	117.6	0.1	0.1
France	Cordon lagunaire de Sète à Agde	2298	311.8	171.1	302.4	162.7
France	Etang de Thau	2299	68.4	66.1	0	N/A
France	Etangs de Vendres, Pissevache et Lespignan	2300	48.7	46.4	0.7	0.6
France	Petite Camargue fluvio-lacustre	2305	193.8	62.6	0	N/A
France	Petite Camargue laguno-marine	2306	210.2	195.7	9.7	8.5
France	Estuaire de la Canche	2321	50.8	41.0	36.6	35.8
France	Cap Gris-nez	2323	89.9	84.4	83.4	83.3
France	Camargue	2327	2,113.7	1,920.4	1,414.7	1,225.9
France	Salines de l'Etang de Berre	2330	5.4	4.4	0	N/A
France	Iles Marseillaises: Maire, Jarron, Jarre, Riou, Calseraigne, Congloue et Pomègues	2332	3,121.9	489.3	3,106.0	483.7
France	Marais entre Crau et Grand Rhône: Meyranne, Chanoine, Plan de Bourg et Salins du Caban	2333	56.6	53.2	0	N/A
France	Salins d'Hyères et de Pesquiers	2335	9.5	9.0	0.7	0.6
France	Iles d'Hyères	2336	3,500.6	470.0	3,457.5	434.5
France	Etangs de Citis, Lavalduc, Engrenier, Pourra, l'Estomac, Fos et salines de Rassuen et de Fos	2340	12.6	5.9	<0.1	<0.1
France	Basse Vallée de la Durance	2342	61.0	58.1	0	N/A
France	Basse vallée du Var	2350	179.8	5.9	164.5	0.5
France	Anse de Fouras, baie d'Yves et marais de Rochefort	2357	175.8	113.7	22.4	22.4
France	Ile d'Oléron, marais de Brouage-Saint-Agnant	2358	266.5	245.1	113.4	113.1
France	Anse du Fiers d'Ars en Ré	2359	3,104.8	3,070.0	3,059.8	3,044.7
France	Estuaires picards : baies de Somme et d'Authie	2381	1,688.5	159.4	1,593.5	158.2
France	Traicts et marais salants de la Presqu'île Guérandaise	2382	46.7	41.4	7.4	7.4
France	Marais de Brière	2383	172.2	159.3	0	N/A
France	Estuaire de la Loire	2384	208.2	177.4	49.3	34.0
France	Baie de Bourgneuf et marais breton	2386	456.6	439.9	110.5	110.2
France	Marais salants de Noirmoutier	2388	594.8	435.3	575.4	419.6
France	Marais poitevin et baie de l'Aiguillon	2394	779.2	565.7	74.3	73.9
France	Jaudy et Sept-Iles	32092	3,734.8	1,834.5	3,680.6	1,791.6

Germany

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Germany	Flensburger Innen- and Aussenförde	3297	135.3	116.4	123.9	108.9
Germany	Schlei	3298	88.0	87.0	19.5	19.5
Germany	Southern shore of Eckernförder Bucht	3299	39.8	37.7	33.7	33.2
Germany	Stoller Grund, Gabelsflach and Mittelgrund	3300	91.0	79.2	91.0	79.2
Germany	Coastline of Probstei	3301	82.4	80.2	73.8	72.9
Germany	Selenter See	3302	34.9	30.1	0	N/A
Germany	Grosser Plöner See	3304	45.8	45.3	0	N/A
Germany	Grosser and Kleiner Binnensee	3307	20.8	13.6	<0.1	<0.1
Germany	East- and south-east coast of Fehmarn	3311	49.0	15.2	45.9	14.7
Germany	Eastern bight of the Fehmarnsund	3312	49.6	46.4	45.8	44.0
Germany	Neustädter Bucht	3315	14.2	0	13.4	0
Germany	Brodtener Ufer	3316	21.3	20.7	19.2	18.9
Germany	Traveförde and Dassower See	3317	22.6	18.2	1.0	0
Germany	Pinneberg Elbe lowlands	3318	199.8	76.2	92.2	39.9
Germany	Lauenburgische Seen Nature Park and Schaalsee area	3320	496.3	115.2	0	N/A
Germany	Kühren Teich and Lanker See	3321	6.4	6.4	0	N/A
Germany	Hamburg Wadden Sea National Park	3323	116.9	112.5	104.9	100.6
Germany	Mühlenberger Loch	3324	6.5	6.5	5.6	5.6
Germany	Elbe marshes between Stade and Otterndorf	3325	193.1	164.9	62.5	49.7
Germany	Lakes of Schwerin, Dambeck and Warin	3376	748.0	238.3	0	N/A
Germany	Greifswalder Bodden	3379	1,031.3	838.3	676.9	672.8
Germany	Island of Usedom	3380	277.8	97.3	2.2	1.5
Germany	Schaalsee	3381	256.6	165.5	0	N/A
Germany	Nossentiner-/Schwinzer Heide with Krakower Obersee and Plauer See	3383	458.5	331.8	0	N/A
Germany	Peenetal (Peenetalmoor and Anklamer Stadtbruch)	3387	305.2	170.0	0.1	0.1
Germany	Lower Oder valley	3394	117.7	116.8	0	N/A
Germany	Lower Saxony Wadden Sea National Park	3460	2,350.7	2,321.3	2,129.3	2,121.8
Germany	Lower reaches of River Weser, unembanked area	3465	41.6	35.7	0.3	0.3

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Germany	Lowlands of the Rivers Eider, Treene and Sorge	3509	616.7	153.1	0	N/A
Germany	Pomeranian bay	3573	3,332.8	2,894.0	3,323.2	2,893.1
Germany	Usedom lagoon (Peenestrom, Achterwasser, Kleines Haff with Neuwarper See)	3574	499.0	450.5	427.2	425.8
Germany	Sagasbank and eastern coast of Oldenburg	9100	245.3	153.2	234.6	151.1
Germany	Eastern part of Kiel Bight	9101	596.8	541.4	569.5	518.3
Germany	Wismar bay and Salzhaff	9102	1,020.2	424.0	501.2	277.5
Germany	Schleswig-Holstein Wadden Sea National Park (includes the Halligs, Kniepsand/Amrum, Lister Koog, Rantumbecken, Rickelsb	9103	4,647.5	4,632.8	4,376.6	4,373.6
Germany	Eastern part of German Bight (with Heligoland)	9105	5,796.5	4,694.9	5,796.1	4,694.5
Germany	Eiderstedt	9111	130.3	62.9	<0.1	0
Germany	Coast and lagoons of Western Pomerania	9118	2,037.4	1,412.5	1,364.3	971.9
Germany	Großer and Kleiner Jasmunder Bodden with Schmachter See and Nonnensee	9121	217.8	168.4	110.4	110.0
Germany	Mecklenburgische Schweiz	9130	772.1	431.6	0	N/A
Germany	Geeste lowlands near Bramel	9154	6.7	0	0	N/A
Germany	Huvenhoopsmor and Breddorfer Wiesen	9155	42.7	0	0	N/A
Germany	Drennhausener Hinterdeich	9156	3.7	0	0	N/A
Germany	Lower Saxonian North Sea off the East Frisian Islands	9180	701.8	620.5	701.8	669.6
Germany	Ewiges Meer	9182	12.8	12.7	0	N/A
Germany	Esterweger Dose	9190	53.2	45.4	0	N/A
Germany	Carmzower Mühlensee	9203	0.4	0	0	N/A

Greece

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Greece	Evros delta	986	188.0	121.8	35.6	35.6
Greece	Lake Ismarida (Mitrikou)	988	67.4	53.2	7.6	6.5
Greece	Porto Lagos, lake Vistonida and coastal lagoons	989	142.7	115.7	20.4	17.3
Greece	Nestos delta and coastal lagoons	992	223.3	149.2	41.6	35.0

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Greece	Axios, Loudias and Aliakmonas rivers' deltas	1003	179.2	138.8	61.2	60.1
Greece	Alyki Angelochoriou lagoon (Megalou Emvolou)	1004	3.8	3.7	1.3	1.2
Greece	Epanomi lagoon	1005	6.9	6.6	2.2	2.2
Greece	Lakes Volvi, Koroneia and Rentina Gorge	1006	430.5	419.8	0.4	0.2
Greece	Mount Athos and surrounding marine area	1010	291.6	170.9	160.5	158.6
Greece	Alyki Kitrous lagoon	1022	14.8	14.6	2.1	1.9
Greece	Kalamas delta	1034	56.2	55.6	11.1	10.7
Greece	Amvrakikos gulf	1036	262.5	227.2	51.4	48.4
Greece	Mesolongi and Aitoliko lagoons, Acheloos delta and Evinos estuary	1040	468.6	403.7	147.4	143.4
Greece	Mount Ochi and surrounding marine area	1051	299.9	277.0	114.7	94.8
Greece	Alyki lagoon, Aigio	1054	0.3	0.2	0.1	0.1
Greece	Strofades islets	1058	116.3	116.1	115.1	115.0
Greece	Divari Pylou (Gialova) lagoon and Sfaktiria island	1061	10.1	9.4	2.9	2.5
Greece	Dionysades islets, Crete	1078	175.0	174.9	168.9	168.8
Greece	Kasos island and surrounding islets	1079	159.7	158.5	96.5	96.4
Greece	Islands and islets of northern Sporades and northwestern coast of Alonnisos	1084	1,918.9	1,829.0	1,851.7	1,761.7
Greece	Kalloni Gulf, Lesvos	1086	55.4	28.4	0.8	0.8
Greece	Fournoi island	1088	240.1	239.9	189.0	189.0
Greece	Tilos island and surrounding islets	1090	177.5	177.5	109.9	109.8
Greece	Thasos island and Xironisi islet	1091	106.6	100.3	0.5	0.3
Greece	Chalki island and surrounding islets	1096	352.2	352.1	310.3	310.3
Greece	Andros island and surrounding islets	1099	356.2	177.8	234.9	65.1
Greece	Kythira island	1103	564.2	374.4	316.1	315.2
Greece	Amorgos island	1107	106.2	28.2	3.5	0.4
Greece	Echinades, Kalamos and Atokos islands	1110	366.0	22.6	284.9	6.4
Greece	Kinaros and Levitha islands and surrounding islets	1111	107.3	107.2	88.0	87.9
Greece	Islands and islets of northern Dodecanese	1112	486.6	469.4	428.6	426.8
Greece	Kalymnos, Telendos, Kalolimnos islands and surrounding islets	1113	233.9	187.4	177.1	174.6

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Greece	Western Skyros and islets	1125	500.5	470.1	455.8	454.8
Greece	Agios Efstratios island	1128	118.5	113.1	75.4	69.9
Greece	Mount Lepetymnos, Lesvos, and surrounding marine area	1133	144.0	81.3	59.9	0.7
Greece	Gera gulf, Ntipi and Charamida marshes, Lesvos	1134	56.6	50.9	43.0	42.6
Greece	Paros and Antiparos islands and surrounding islets	1135	317.2	254.9	218.7	218.2
Greece	Symi island and surrounding islets	1137	140.8	98.3	73.2	72.8
Greece	Astypalaia island and surrounding islets	1139	371.1	282.9	260.0	258.7
Greece	Syrna island and surrounding islets	1140	9.4	9.1	0.4	0.3
Greece	Spercheios valley and delta and Maliakos gulf	1142	281.4	105.4	25.4	25.2
Greece	Serifos island	1143	70.3	3.7	0.9	0.7
Greece	Gallikos estuary and Kalochori lagoon	1144	18.5	15.8	6.0	4.9
Greece	Islets of western Limnos and cape Mourtzeflos	1145	268.8	268.2	257.8	257.7
Greece	Falkonera, Velopoula and Karavia islets	1148	21.1	21.1	17.3	17.3
Greece	Psara and Antipsara islands and surrounding islets	1151	147.0	106.8	100.6	99.9
Greece	Anafi island	1157	134.9	99.7	93.9	93.7
Greece	Lake Amvrakia	1158	20.3	18.2	0	N/A
Greece	Mikres Kyklades island complex	1159	57.8	43.7	4.7	3.6
Greece	Samothraki island	1160	149.1	146.9	42.8	40.8
Greece	Zakynthos island	1167	336.8	119.5	204.3	69.9
Greece	Lagoons of Kerkyra island	1169	19.9	13.3	5.4	3.4
Greece	Ios, Sikinos and Folegandros islands	1170	184.5	47.4	1.4	0.5
Greece	Gramvousa peninsula and Gramvouses and Pontikonisi islets, Crete	1173	133.1	126.6	98.2	97.8
Greece	Gavdos and Gavdopoula islands, Crete	1178	115.9	96.6	79.0	79.0
Greece	Diapontia islands (Othonoi, Ereikousa, Mathraki) and surrounding islets	2943	152.7	98.5	142.2	89.5
Greece	Tokmakia islets, Lesvos	2944	83.4	83.4	78.1	78.1
Greece	Rineia, Chtapodia and Tragonisi islets, Mykonos	30092	169.4	169.2	165.1	164.9

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Greece	Gulf of Kavala and marine area of Thasos island	30093	858.0	615.4	835.8	602.3
Greece	Western Lesvos marine area	30094	212.0	212.0	208.5	208.5
Greece	Skiathos and Skopelos islands	30095	201.2	201.2	195.0	195.0
Greece	Saronikos Gulf islets	30096	116.9	116.9	115.2	115.2
Greece	Makronisos channel	30097	221.5	42.8	214.8	41.2
Greece	South Evvoikos Gulf	30098	496.1	490.7	482.8	478.0
Greece	Mikres Kyklades and Amorgos marine area	30099	487.6	487.5	464.7	464.6
Greece	Stavronisi islet, Hydra	45603	91.0	0	91.0	0
Greece	Gyaros island	45604	260.4	260.4	242.6	242.6
Greece	Anydros island	45605	107.5	0	107.5	0
Greece	Vourkari marsh and gulf	45606	4.7	0	2.2	0

Ireland

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Ireland	Inishtrahull	544	3.3	3.2	2.7	2.5
Ireland	Lough Swilly including Blanket Nook and Inch Lake	547	94.8	83.7	63.7	59.7
Ireland	Greer's Island (Massmount), Mulroy Bay	548	0.2	0.2	0.2	0.2
Ireland	Horn Head cliffs	549	1.9	1.9	1.7	1.7
Ireland	Tory Island	550	6.1	5.3	2.9	2.3
Ireland	Inishbofin, Inisdooey and Inisbeg	551	6.0	6.0	3.9	3.9
Ireland	Inishkeeragh and Illancrone	552	4.2	4.2	3.8	3.8
Ireland	Inishduff	556	0.5	0.5	0.5	0.5
Ireland	Inishmurray	559	2.6	2.3	1.5	1.3
Ireland	Ardboline Island and Horse Island	561	1.5	1.5	1.1	1.1
Ireland	Ill aunmaistir (Oilean Maistir)	567	1.7	1.7	1.6	1.6
Ireland	Stags of Broadhaven	568	1.4	1.4	1.3	1.3

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Ireland	Broadhaven, Blacksod and Tullaghan Bays and parts of the Mullet peninsula	570	194.3	83.7	102.1	43.4
Ireland	Inishglora and Inishkeeragh	571	3.4	3.4	2.7	2.7
Ireland	Inishkea Islands	572	13.3	13.3	8.8	8.8
Ireland	Duvillaun Islands	573	5.3	5.3	4.3	4.3
Ireland	Clare Island cliffs	574	11.4	6.9	9.0	4.5
Ireland	Inishbofin and Inishshark (including Davillaun)	576	28.2	10.9	13.7	6.6
Ireland	Connemara Islands	578	573.6	33.6	463.8	29.9
Ireland	Inner Galway Bay	581	128.0	126.0	107.7	106.9
Ireland	Aran Islands (parts)	583	21.5	2.0	7.3	1.7
Ireland	Cliffs of Moher	584	5.4	5.4	4.1	4.1
Ireland	Magharee Islands, Mucklaghmore and Illaunbarnagh	589	3.7	3.6	3.0	2.9
Ireland	Lough Gill	590	1.5	1.5	0	N/A
Ireland	Tralee Bay and Barrow Harbour	591	33.7	25.5	20.7	17.1
Ireland	Blasket Islands	593	7.8	7.8	1.7	1.7
Ireland	Puffin Island	594	0.6	0.6	0.2	0.2
Ireland	The Skelligs: Great Skellig and Little Skellig	595	0.3	0.3	0.1	0.1
Ireland	Bull and Cow Rocks	596	3.4	3.0	3.4	3.0
Ireland	Ballymacoda	601	5.8	5.3	5.2	4.8
Ireland	Saltee Islands	609	1.5	1.5	0.5	0.5
Ireland	Lady's Island Lake	611	3.4	3.4	0	N/A
Ireland	Wexford Harbour and Slobs	612	77.8	75.0	57.0	55.8
Ireland	North Wicklow coastal marshes	613	26.6	8.6	15.7	1.4
Ireland	Skerries Islands	614	2.2	2.2	1.7	1.7
Ireland	Dublin Bay	615	40.7	37.9	33.2	30.4
Ireland	Lambay Island	618	6.1	6.0	3.1	3.1
Ireland	Rockabill	619	13.9	13.9	13.8	13.8
Ireland	Carlingford Lough	633	49.7	13.6	44.8	11.8
Ireland	Ireland's Eye	635	1.8	1.8	1.6	1.6
Ireland	Lough Foyle	638	193.2	26.3	184.0	22.6
Ireland	West Donegal coast	675	97.0	35.9	9.6	3.9
Ireland	Donegal Bay	681	69.5	69.0	58.0	57.8
Ireland	Cruagh Island	27254	2.9	2.9	2.4	2.4

Italy

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Italy	Venice lagoon	2739	691.9	539.3	450.6	346.5
Italy	Po Delta	2740	502.0	236.0	179.2	59.6
Italy	Valle Bertuzzi and Goro lagoon	2741	75.8	74.8	29.5	29.4
Italy	Grado and Marano lagoon	2745	294.0	171.6	191.6	126.4
Italy	Isonzo mouth, Cona island and Panzano Gulf	2746	69.5	27.1	41.8	13.9
Italy	Valli di Comacchio and Bonifica del Mezzano	2750	340.5	337.5	0	N/A
Italy	Punte Alberete and Valle della Canna, Pineta San Vitale and Pialassa della Baiona	2752	35.1	34.5	0	N/A
Italy	Ortazzo and Ortazzino	2753	12.7	12.2	1.6	1.4
Italy	Cervia salt pans	2754	8.4	8.4	0	N/A
Italy	Tuscan Archipelago	2762	4,638.9	475.6	4,413.8	302.0
Italy	Uccellina mountains, Trappola marshes and Ombrone mouth	2766	147.1	88.8	44.5	1.5
Italy	Marchesato and River Neto	2805	702.1	697.8	27.1	26.8
Italy	Asinara island, Piana island and Stintino peninsula	2809	222.3	100.9	144.3	44.7
Italy	Cape Caccia and Conte port	2810	84.3	34.2	35.4	11.1
Italy	Tavolara archipelago, Cape Ceraso and Cape Figari	2813	242.3	218.6	197.9	187.0
Italy	Cuglieri coast	2817	60.6	28.2	31.2	3.9
Italy	Orosei Gulf, Supramonte and Gennargentu	2818	976.6	956.1	42.4	40.0
Italy	Cagliari wetlands	2824	96.1	47.9	38.4	17.3
Italy	San Pietro and Sant'Antioco islands	2825	144.8	34.7	102.8	4.9
Italy	Peloritani mountains	2828	263.9	262.3	78.3	78.2
Italy	Egadi islands	2833	451.8	448.3	407.6	407.1
Italy	Simeto mouth and middle course and Biviere di Lentini	2836	50.4	47.4	17.6	17.4
Italy	Pantani di Vendicari e di Capo Passero	2838	33.8	31.9	0	N/A
Italy	Sant'Andrea island	2845	2.6	1.3	1.9	0.9
Italy	Palmas Gulf wetlands	2846	78.7	0	52.1	0
Italy	Capes and islands of south-eastern Sardinia	2847	28.1	6.7	22.3	2.9
Italy	Features of the coast between Cape Teulada and Cape Pula	2849	59.3	0	45.3	0

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Italy	Costa Viola	2851	294.7	293.8	106.7	106.6
Italy	Tarquinia salt pans	2882	17.6	1.5	9.8	0
Italy	Argentario, Laguna di Orbetello Lagoon e Lago di Burano	9582	258.2	103.8	135.8	4.4
Italy	Gargano Promontory and Capitanata Wetlands	9583	2,371.8	1,067.2	404.3	109.1
Italy	Sinis and Oristano wetlands	9585	572.6	71.6	345.1	17.1
Italy	Circeo National Park and Pontine islands	24285	417.6	387.4	286.2	261.7
Italy	Isole Pelagie	45283	2,965.4	2,824.7	2,855.1	2,799.7
Italy	Middle Adriatic	45284	6,448.2	4.5	6,416.6	1.3
Italy	Northern Sardinia	45285	1,759.4	210.4	1,669.9	157.6

Latvia

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Latvia	Babite lake	305	30.6	29.7	0	N/A
Latvia	Engure lake	307	127.4	124.9	0.2	0.2
Latvia	Liepaja lake	310	48.2	45.7	0	N/A
Latvia	Gulf of Riga, west coast	341	1,317.7	1,312.3	1,308.9	1,306.7
Latvia	Irbe strait	350	2,103.9	1,721.3	2,099.2	1,717.5
Latvia	Nida-Perkone	9507	365.8	365.4	364.4	364.4
Latvia	Ziemupe-Riva coastal	9508	257.9	256.8	257.0	256.0
Latvia	Salacgriva-Vitrupe	9509	50.9	0	47.2	0
Latvia	Tuja offshore	9510	589.8	584.7	589.8	584.7
Latvia	Ovisi	18953	51.3	50.6	0.8	0.6
Latvia	Piejura	18960	35.7	31.4	2.5	1.8
Latvia	Randu meadows	18961	3.0	2.7	0.3	0.2
Latvia	Kemeri national park	18971	364.0	363.3	1.4	1.4

Lithuania

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Lithuania	Nemunas delta regional Park	213	290.0	263.7	25.1	24.0
Lithuania	Marine waters along the continental part of Lithuania	220	627.4	270.2	627.2	270.1
Lithuania	The northern part of the Curonian Lagoon	221	14.8	14.7	14.7	14.7
Lithuania	Marine waters along the Curonian Spit	222	497.5	289.8	486.9	286.7
Lithuania	Lithuanian part of the Curonian Spit	226	267.2	241.4	160.2	156.4
Lithuania	Flooded meadows around the Senoji & Naujoji Rusne lakes	9514	15.9	15.9	0	N/A
Lithuania	Kalviai gravel pit	23392	0.4	0.4	0	N/A

Malta

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Malta	Ta'Cenc cliffs	44	0.2	0.2	0	N/A
Malta	Filfla islet	46	0.1	0.1	0.1	0.1
Malta	Rdum Tal-Madonna	47	0.4	0.4	<0.1	<0.1
Malta	Comino island	189	2.9	2.9	<0.1	<0.1
Malta	West of Wied ix-Xaqqa to Wied Maqbyl Cliffs	24480	0.5	0.4	0.1	0.1
Malta	West of il-Hagra s-Sewda to ix-Xaqqa Cliffs	24481	3.3	1.3	0.2	0.1
Malta	il-Kullana to ta' Gifen Cliffs	24482	9.5	2.8	0.4	0.4
Malta	Ic-Cnus to Tal-Bardan Cliffs	24483	0.8	0.2	0	N/A
Malta	Xlendi Bay to Wardija Point Cliffs	24484	1.5	0.5	0	N/A
Malta	Dwejra Bay to San Dimitri Point	24485	2.5	0.7	<0.1	<0.1
Malta	Ghawdex marine	31487	556.7	556.1	550.4	550.1
Malta	Kangu offshore	45296	55.9	55.7	55.9	55.7
Malta	Tramuntana offshore	45297	319.3	318.7	319.3	318.7
Malta	Grigal offshore	45298	351.9	351.3	351.9	351.3
Malta	Lvant marine	45299	625.6	625.0	625.6	625.0

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Malta	Xlokk offshore	45300	220.4	219.2	220.4	219.2
Malta	Nofsinhar offshore	45301	835.9	834.8	835.9	834.8
Malta	Lbic marine	45302	256.4	256.1	255.2	254.9
Malta	Majjistral	45502	1.9	0.1	<0.1	<0.1
Malta	St Paul Islands	45506	0.1	<0.1	<0.1	<0.1

Netherlands

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Netherlands	Waddenzee	1179	2,710.1	2,710.1	2,568.0	2,568.0
Netherlands	Duinen en Lage Land Texel	1181	33.7	33.6	0.1	0.1
Netherlands	Duinen Vlieland	1182	13.1	13.1	0.2	0.2
Netherlands	Duinen Terschelling	1185	35.7	35.7	0	N/A
Netherlands	Duinen Ameland	1186	20.6	20.6	0.1	0.1
Netherlands	Duinen Schiermonnikoog	1188	8.3	8.3	0	N/A
Netherlands	Lauwersmeer	1193	57.5	57.5	17.4	17.4
Netherlands	Noordzeekustzone	1196	1,444.8	1,444.8	1,409.8	1,409.8
Netherlands	Voordelta	1198	835.3	835.3	823.1	823.1
Netherlands	Haringvliet	1202	109.9	109.9	72.2	72.2
Netherlands	Krammer-Volkerak	1204	60.8	60.8	47.2	47.2
Netherlands	Grevelingen	1205	137.5	137.5	98.2	98.2
Netherlands	Oosterschelde	1206	369.8	369.8	328.0	328.0
Netherlands	Zoommeer	1207	10.5	10.5	10.2	10.1
Netherlands	Veerse Meer	1209	25.4	25.4	0	N/A
Netherlands	Westerschelde & Saeftinghe	1210	436.5	436.5	394.0	394.0
Netherlands	IJsselmeer	1215	1,090.0	1,090.0	1,097.3	1,097.3
Netherlands	Markermeer & IJmeer	1216	684.6	684.6	655.3	655.3
Netherlands	Ketelmeer & Vossemeer	1217	38.4	38.4	27.0	27.0
Netherlands	Biesbosch	1229	94.8	94.8	0.5	0.5
Netherlands	Nieuwkoopse Plassen & De Haeck	1254	19.9	19.9	0	N/A
Netherlands	Hollandse Kust (Mainland Coast)	29101	880.0	0	880.0	0
Netherlands	Friese Front	44563	2,882.3	2,882.3	2,882.3	2,882.3
Netherlands	Bruine Bank¹	44568	1,293.4	0	1,293.4	0

1. The Brown Bank IBA was designated as an SPA in December 2021. Our analysis uses the 2019 SPA dataset therefore the Brown Bank SPA is not included in the figures presented.

Poland

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Poland	Delta of the Swina river	911	89.3	87.0	25.0	24.9
Poland	Szczecin lagoon	912	561.9	551.4	363.1	361.1
Poland	Lower Odra river valley	915	584.7	551.9	0	N/A
Poland	Miedwie site	917	168.9	152.8	0	N/A
Poland	Vistula river mouth	921	6.5	6.3	3.7	3.7
Poland	Vistula Lagoon	922	325.9	317.5	292.1	292.1
Poland	Druzno lake	923	71.4	59.5	0	N/A
Poland	Lower Vistula River Valley	984	365.3	288.4	0	N/A
Poland	Puck Bay	3259	619.0	612.6	605.8	603.2
Poland	Slupsk bank	9562	757.9	677.3	757.9	677.4
Poland	Central Polish coastal waters	9563	1,951.4	1,941.0	1,923.8	1,920.1
Poland	Pomeranian bay	9564	3,774.3	3,118.0	3,761.6	3,106.8
Poland	Kamien Lagoon and Dziwna River	24100	127.8	121.9	40.0	39.7
Poland	East Border Waters	27431	165.6	0	154.1	0

Portugal

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Portugal	Ponta de São Lourenço	11	3.2	3.1	0	N/A
Portugal	Ilhéus do Porto Santo	12	2.0	0	0	N/A
Portugal	Ria de Aveiro	364	513.6	499.9	206.8	206.7
Portugal	Berlenga and Farilhões islands	369	1.0	1.0	0.4	0
Portugal	Tejo estuary	370	447.6	438.9	155.0	154.8
Portugal	Sado estuary	371	246.3	240.9	63.0	63.0
Portugal	Santo André and Sancha lagoons	374	26.7	13.5	0	N/A
Portugal	Ria Formosa (Faro lagoon)	377	232.8	222.6	132.8	0
Portugal	Castro Marim	378	21.5	20.0	0	N/A
Portugal	Laurissilva	19666	151.0	128.1	0	N/A
Portugal	Maciço Montanhoso Oriental	19667	32.7	23.6	0	N/A
Portugal	Ilhas Desertas	19668	13.8	13.8	0	N/A

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Portugal	Mondego Estuary	19672	15.2	0	0	N/A
Portugal	Selvagens	19673	2.8	2.8	0	N/A
Portugal	Ponta do Pargo	19674	11.6	0	0	N/A
Portugal	Porto Santo Oeste	19675	8.9	0	0	N/A
Portugal	Cabo Espichel	19677	164.3	154.0	154.0	154.0
Portugal	Salinas de Alverca e do Forte da Casa	19678	2.0	0.3	0	N/A
Portugal	Costa das Flores	19689	9.5	1.4	0	N/A
Portugal	Costa do Corvo	19690	3.8	1.8	0	N/A
Portugal	Capelinhos	19691	2.2	0.6	0	N/A
Portugal	Baía do Varadouro	19692	1.1	0	0	N/A
Portugal	Ribeirinha	19693	0.9	0	0	N/A
Portugal	Ilhéu de Baixo e Costa Adjacente	19696	0.8	0.1	0	N/A
Portugal	Ilhéu da Praia	19697	0.1	0	0	N/A
Portugal	Ilhéu da Baleia e Ponta da Barca	19698	0.4	0	0	N/A
Portugal	Serra Branca	19699	1.0	0	0	N/A
Portugal	Ponta dos Rosais - Urzelina	19700	9.8	0	0	N/A
Portugal	Ilhéu do Topo e Costa Adjacente	19701	2.3	1.3	0	N/A
Portugal	Fajã das Almas	19702	0.6	0	0	N/A
Portugal	Raminho – Pesqueiro Velho	19703	0.7	0	0	N/A
Portugal	Contendas	19704	0.9	0.7	0	N/A
Portugal	Ilhéu da Vila	19705	0.1	0.1	0	N/A
Portugal	Ilhéu das Lagoínhas e Costa Adjacente	19706	2.1	0	0	N/A
Portugal	Ponta da Malbusca e Ponta do Castelete	19707	2.9	0	0	N/A
Portugal	Costa Sudeste do Pico	19708	1.2	0	0	N/A
Portugal	Ponta da Ilha e Terra Alta	19709	1.9	1.0	0	N/A
Portugal	Mistério da Prainha	19710	0.7	0	0	N/A
Portugal	Feteiras	19713	0.6	0	0	N/A
Portugal	Mosteiros – Bretanha	19714	2.0	0	0	N/A
Portugal	Ponta do Cintrão	19715	0.3	0	0	N/A
Portugal	Faial da Terra e Ponta do Arnel	19716	2.5	0	0	N/A
Portugal	Furnas - Santo António	19720	0.6	0	0	N/A
Portugal	Aveiro - Nazaré	26972	2,916.3	2,915.4	2,914.3	2,913.5
Portugal	Berlengas	26973	1,821.4	1,024.5	1,813.7	1,023.4
Portugal	Cabo Raso	26974	1,334.1	1,334.1	1,323.7	1,323.7
Portugal	Ria Formosa - Oceânica	26975	199.4	104.6	179.6	84.9

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Portugal	Corvo e Flores	26976	2,099.5	3.4	2,094.2	2.2
Portugal	Faial	26977	384.8	0	380.4	0
Portugal	Pico - Norte	26978	91.8	<0.1	91.0	0
Portugal	São Jorge - Oeste	26979	330.9	0	326.3	0
Portugal	São Jorge - Nordeste	26980	71.1	0.3	70.6	0.2
Portugal	Graciosa	26981	276.9	0.2	273.7	0.2
Portugal	Terceira	26982	273.6	0.3	269.8	0.2
Portugal	São Miguel - Sul	26983	108.1	0	102.3	0
Portugal	Santa Maria	26984	385.8	<0.1	381.8	0
Portugal	Norte do Corvo - Oceânica	26985	2,681.1	0	2,681.1	0
Portugal	Norte do Corvo e Faial - Oceânica	26986	2,606.3	0	2,606.3	0
Portugal	Desertas	26987	750.9	750.6	744.4	744.2
Portugal	Selvagens - Oceânica	26988	1,243.4	1,242.8	1,241.9	1,241.4
Portugal	Sagres	99998	320.0	320.0	318.3	318.3
Portugal	Ponta de Sao Lourenco	99999	20.9	20.9	20.9	20.9

Romania

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Romania	Lake Taşaul	445	59.5	27.2	0	N/A
Romania	Lake Siutghiol	446	20.2	18.5	0	N/A
Romania	Lake Techirghiol	447	30.3	28.9	0	N/A
Romania	Lake Beibugeac (Plopu)	2947	2.5	2.3	0	N/A
Romania	Black Sea	2948	1,427.9	1,414.5	1,390.8	1,381.6
Romania	Danube Delta	24400	5,150.9	5,120.2	736.9	735.2
Romania	Limanu - Herghelia	24438	13.8	8.2	0.7	N/A

Slovenia

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Slovenia	Sečovlje saltpans	692	12.5	8.9	6.0	2.4
Slovenia	Škocjan Bay	22171	1.2	1.2	0.7	0.7
Slovenia	Strunjan saltpans	29146	4.3	1.9	1.7	1.7
Slovenia	Debeli rtič	29920	2.5	0.9	2.5	0.9
Slovenia	Central Gulf of Trieste	44678	82.2	0	82.2	0

Spain

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Spain	Cíes islands	1643	4.5	4.5	0.7	0.7
Spain	Ons islands	1644	4.3	4.3	0.7	0.7
Spain	Costa da Morte	1646	3,287.5	3,226.2	3,186.5	3,171.2
Spain	Cape Candelaria-Ortigueira estuary-Cape Estaca de Bares	1647	867.5	813.9	793.1	781.0
Spain	Cape Busto-Luanco	1649	494.2	416.5	410.6	389.4
Spain	Ribadesella-Tina Mayor	1656	99.9	57.2	76.8	46.0
Spain	Urdaibai - Matxitxako	1663	245.4	206.3	192.2	186.8
Spain	Medas islands	1809	0.2	0.2	0.2	0.2
Spain	Ebro delta	1811	344.2	130.9	9.1	8.9
Spain	Columbretes islands	1819	0.2	0.2	0.1	0.1
Spain	Almenara marshes	1822	29.6	14.8	1.2	0.1
Spain	Albufera de Valencia marshes	1823	361.0	266.5	152.9	60.7
Spain	El Hondo wetland	1824	38.5	23.2	0	N/A
Spain	Santa Pola salt-pans	1825	25.4	23.8	0.3	0.3
Spain	Mata and Torrevieja lagoons	1826	40.3	36.1	0	N/A
Spain	Mar Menor coastal lagoon	1827	154.1	149.5	131.1	130.3
Spain	Littoral islets of Murcia and Almería	1828	132.5	120.8	128.6	118.3
Spain	Mountain range and saltpans at Cabo de Gata	1835	467.3	369.6	1.5	1.5
Spain	Wetlands of western Almería	1838	25.9	19.1	0	N/A
Spain	Isla Cristina and Ayamonte marshes and Prado lagoon	1853	43.5	24.1	5.3	1.7
Spain	Odiel and Tinto marshes and Huelva coastal lagoons	1854	222.5	112.8	82.5	56.7
Spain	Guadalquivir marshes	1855	2,517.0	1,276.4	47.0	41.1
Spain	Cádiz bay	1859	248.1	144.9	96.7	47.0
Spain	Tarifa	1867	80.4	48.9	0.4	0.4
Spain	Mouth of the river Guadalhorce	1872	2.3	0	0	0
Spain	Fuente de Piedra, Gosque and Campillos lakes	1875	284.4	104.9	0	N/A
Spain	Chafarinas Islands	1878	274.4	5.1	0	N/A
Spain	Islets Vedrá and Vedranell	1879	0.8	0.8	0	0
Spain	Cala Salada - Illa d'en Calders	1880	11.2	8.0	0.2	0.2
Spain	Tagomago island	1881	0.6	0.6	0.2	0.2

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Spain	Salt-pans of Ibiza and Formentera and Freus isles	1882	29.4	28.4	1.8	1.8
Spain	La Mola of Formentera	1883	11.0	10.1	0.7	0.7
Spain	Dragonera Island-La Trapa	1884	8.3	7.3	0.3	0.3
Spain	Tramuntana mountains	1885	579.6	313.7	0.5	0.5
Spain	Cape Freu-Cape Farrutx	1888	6.8	6.8	0.8	0.8
Spain	Cape Vermell	1889	0.8	0.7	0.1	0.1
Spain	Salobrar de Campos Lagoons-Sa Vall	1890	53.8	49.2	0.1	0.1
Spain	Coastal cliffs between Cape Enderrocat and Cala Pí	1891	37.1	33.5	0.1	0.1
Spain	Coastal cliffs between isles of Malgrats and Cala Figuera	1892	8.1	7.1	0.1	0
Spain	Archipelago of Cabrera	1893	13.2	13.2	0.7	0.7
Spain	North and east coasts of Minorca and island of Aire	1894	116.4	94.7	0.8	0.6
Spain	Alicante islets	1906	8.0	7.0	7.9	6.9
Spain	Llobregat delta	1919	37.6	8.6	0.5	0.2
Spain	Portios islets - Conejera island - Mouro islet	1920	16.5	14.0	15.1	12.9
Spain	Cape Barbaria	1927	7.1	6.3	0.1	0.1
Spain	Isle of Conejera and islets of Bledes and Espartar (Ibiza)	1928	1.5	1.5	0.2	0.2
Spain	Islets of Santa Eulalia, Redona and Es Canar (Ibiza)	1929	0.1	0.1	0.1	0.1
Spain	Chingudi-Bidasoa estuary	1932	9.4	5.3	4.3	3.8
Spain	Alborán island	1940	663.1	657.0	662.7	656.6
Spain	River Piedras marshes and Rompido sandbank	1944	32.5	22.3	4.0	1.3
Spain	Ceuta	1945	6.3	5.4	0.7	0.2
Spain	Ferrolterra-Valdoviño coast	1951	137.3	108.7	86.7	84.3
Spain	Lanzarote islets	1969	1,400.2	1,398.0	1,356.2	1,354.2
Spain	Famara crag	1970	13.9	13.3	0.8	0.7
Spain	El Mojón	1975	1.4	1.4	0.7	0.7
Spain	Coast of Esquinzo-Puertito de Los Molinos	1984	3.2	3.1	3.2	3.1
Spain	Island of Lobos	1989	4.6	4.4	0.8	0.7
Spain	Sotavento beach	1991	3.7	3.0	0	N/A
Spain	Los Gigantes coastal cliff	1994	12.2	12.1	3.5	3.5
Spain	Anaga rocky islets	1995	7.9	7.8	7.7	7.6
Spain	La Playa islet	1997	1.9	1.8	1.8	1.7
Spain	Coast between Arinaga and Castillo del Romeral	2007	7.5	1.0	<0.1	0
Spain	Majona coast	2012	1.6	1.4	0.1	0.1

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Spain	South-west coast of La Gomera	2013	7.1	6.5	2.2	1.9
Spain	Vallehermoso coast	2014	5.3	1.7	0.8	0.7
Spain	Naos Bay-Hoya de Tacorón	2025	2.1	1.9	0.9	0.8
Spain	Western coast of El Hierro	2026	229.6	228.5	213.2	212.3
Spain	Salmor rocky islets	2027	6.6	6.5	6.4	6.3
Spain	Rasca lava fields-Guaza mountain-Las Mesas plain	2031	14.9	10.2	0.8	0.3
Spain	El Roque coastal cliffs	2033	0.5	0.4	0.5	0.4
Spain	Costa y Aguas de Mogán - La Aldea	28508	292.7	187.0	198.4	186.9
Spain	Aguas de La Gomera - Teno	28509	2,104.9	2,088.5	2,085.7	2,073.3
Spain	Estrecho de la Bocaina	28510	836.3	831.5	825.2	822.0
Spain	Entorno marino de las rías Baixas	28511	2,251.7	2,218.1	2,215.4	2,197.2
Spain	Golfo de Cádiz	28512	2,340.8	2,299.2	2,340.8	2,299.2
Spain	Estrecho de Gibraltar	28513	1,300.4	102.4	1,300.4	102.4
Spain	Bahía de Málaga - Cerro Gordo	28514	714.3	620.0	702.2	614.9
Spain	Bahía de Almería	28515	1,342.7	1,304.3	1,321.6	1,290.8
Spain	Tabarca - Cabo de Palos	28516	1,496.8	1,442.4	1,492.2	1,440.1
Spain	Plataforma-talud Marinos del Cabo de la Nao	28517	2,678.3	2,663.0	2,678.3	2,663.0
Spain	Plataforma Marina del Delta del Ebro - Columbretes	28518	9,726.4	9,534.2	9,701.8	9,522.8
Spain	Aguas del Baix Llobregat - Garraf	28519	653.1	595.8	647.8	594.0
Spain	Mar del Empordà	28520	976.3	902.4	969.8	898.6
Spain	Aguas de Formentera y sur de Ibiza	28521	634.4	621.0	626.8	614.9
Spain	Aguas del Poniente y Norte de Ibiza	28522	501.3	492.7	493.8	488.0
Spain	Aguas del Levante de Ibiza	28523	197.8	193.4	195.7	192.5
Spain	Aguas del Sur de Mallorca y Cabrera	28524	644.7	622.9	636.2	615.5
Spain	Aguas del Poniente de Mallorca	28525	481.1	473.0	476.2	470.6
Spain	Aguas del Norte de Mallorca	28526	1,042.2	1,025.8	1,030.0	1,015.5
Spain	Aguas del Norte y Oeste de Menorca	28527	1,613.4	1,604.2	1,608.5	1,600.2
Spain	Aguas del Sureste de Menorca	28528	238.8	231.5	235.9	230.0
Spain	Campaña de Conil y Vejer de la Frontera	30015	44.9	0	0	N/A
Spain	Banco de Galicia	30031	8,723.7	8,699.8	8,723.7	8,699.8
Spain	Banco de La Concepción	30032	4,522.1	4,506.0	4,522.1	4,506.0
Spain	Acantilados de Santo Domingo y Roque de Garachico	44732	21.4	20.5	19.2	18.9
Spain	Aguas y acantilados del Norte de La Palma	44733	415.6	392.5	395.1	378.6

Country	IBA name	IBA SitRecID	Area (km²)	Overlap of area with SPAs (km²)	Marine area (km²)	Overlap of marine area with SPAs (km²)
Sweden	Falsterbo – Bay of Fote	849	180.6	162.9	151.0	148.6
Sweden	River Helge	851	80.5	43.2	0.4	0
Sweden	Coastal area (including seaside meadows) of Eastern Öland	853	300.8	103.3	231.2	68.2
Sweden	Lake Åsnen	854	174.7	35.7	0	N/A
Sweden	Coastal area of Eastern Gotland	857	1,499.2	30.3	1,356.8	13.8
Sweden	Karlsö Islands	858	88.0	21.1	83.4	16.6
Sweden	Fjord of Stig	859	69.3	52.0	40.6	38.9
Sweden	Archipelago of Östergötland	860	321.5	139.4	286.4	120.2
Sweden	Archipelago of Stockholm	867	1,590.9	56.1	1,510.4	49.2
Sweden	Färnebofjärden	870	257.0	143.5	0	N/A
Sweden	River Ume Delta and Plains	873	33.9	28.7	11.8	10.5
Sweden	Rödkallen – Söräspen Islands	882	70.8	68.1	62.6	60.0
Sweden	Kullaberg	883	55.1	49.4	39.4	37.9
Sweden	Bay of Skälder	884	13.7	13.1	11.5	11.4
Sweden	Lomma Bight	887	61.9	7.3	53.3	5.4
Sweden	Archipelago and coastline of North-East Scania	889	289.9	10.8	207.2	8.5
Sweden	Gnäggen Island	892	10.0	0	10.0	0
Sweden	Bonden Island	893	4.0	3.4	3.7	3.3
Sweden	Ledskär – Bay of Karlholm	895	46.3	3.7	14.6	1.9
Sweden	Lake Tämnares	896	68.8	40.3	0	N/A
Sweden	Lövsta Bight – Björn Archipelago	900	157.1	11.2	152.9	9.0
Sweden	Fjord of Kungsbacka	909	79.9	75.5	57.1	56.0
Sweden	Holmöarna Archipelago	910	241.9	235.5	203.2	197.3
Sweden	Tärnan – Riala	3294	136.2	1.8	0	N/A
Sweden	Coastal area of Torö – Muskö	9001	453.8	3.4	310.7	3.0
Sweden	Bank of Hoburg	9002	1,226.3	1,226.3	1,226.3	1,226.3
Sweden	Northern Midsjö Bank	9003	1,264.8	1,264.8	1,264.8	1,264.8
Sweden	Southern Midsjö Bank	9004	1,008.8	298.7	1,008.8	298.7
Sweden	Coastal area of Oskarshamn	9005	203.1	38.8	154.9	26.4
Sweden	Kalmar – Pataholm	9006	138.9	0	98.4	0
Sweden	Coastal area of Ystad – Hörte	9008	50.7	0	50.4	0
Sweden	Little Middelgrund	9009	217.5	54.0	217.5	54.0
Sweden	Lake Vendel	21944	22.2	0	0	N/A
Sweden	Bay of Brå – Hävringe Island	21949	304.4	198.0	294.7	192.0
Sweden	Bay of Strandstugu	21952	22.8	9.8	15.8	5.8
Sweden	Weather Islands	21954	38.6	0	36.6	0
Sweden	Lake Skedviken	21955	11.0	0	0	N/A
Sweden	Archipelago of Nothern Hälsingland	21962	86.0	0	79.4	0





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