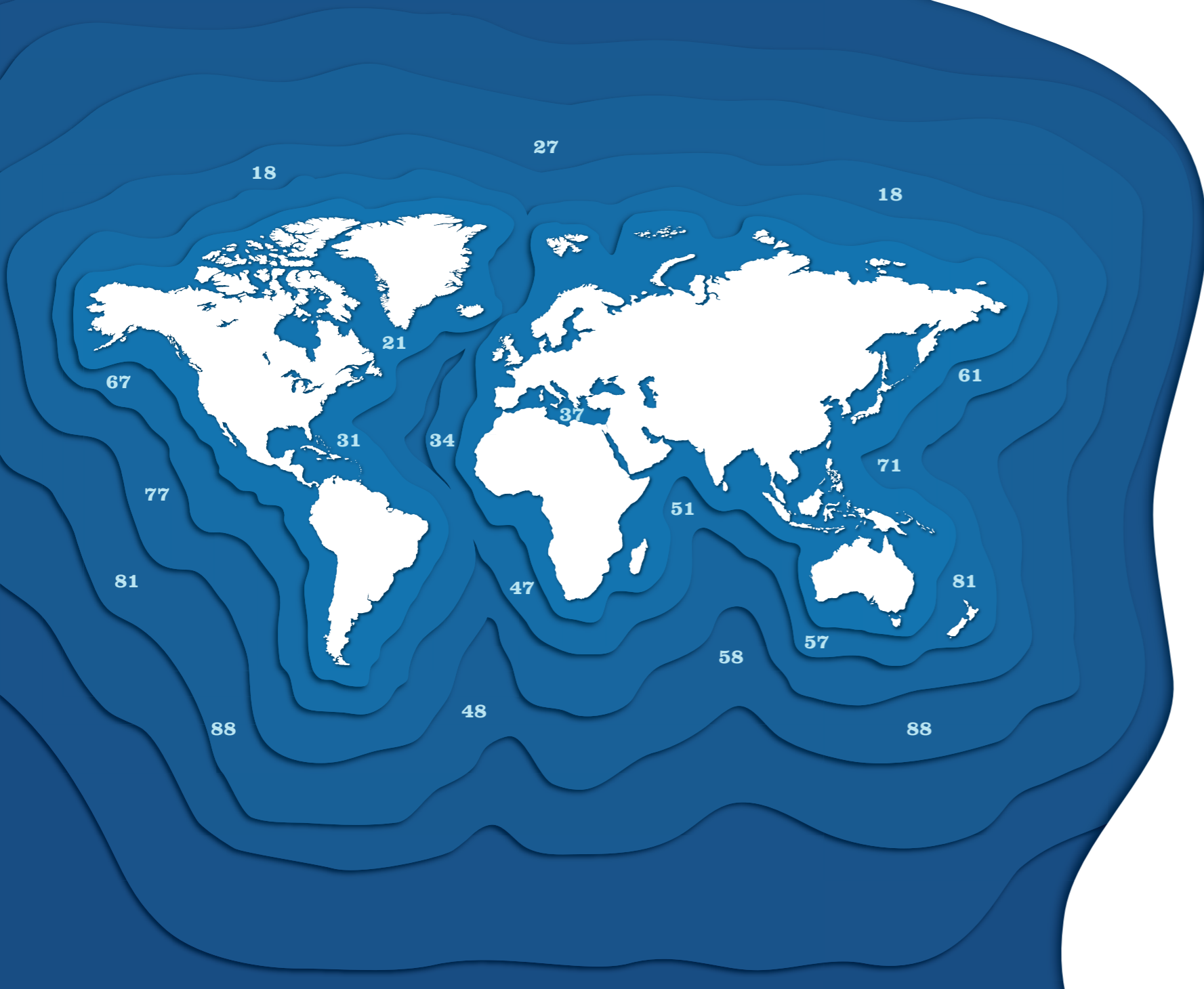


Marine Ingredients



FAO Major Fishing Areas

Sea	Area	Sea	Area
Arctic Sea	18	Indian Ocean, Eastern	57
Atlantic, Northwest	21	Indian Ocean, Antarctic & Southern	58
Atlantic, Northeast	27	Pacific, Northwest	61
Atlantic, Western Central	31	Pacific, Northeast	67
Atlantic, Eastern Central	34	Pacific, Western Central	71
Mediterranean and Black Sea	37	Pacific, Eastern Central	77
Atlantic, Southwest	41	Pacific, Southwest	81
Atlantic, Southeast	47	Pacific, Southeast	87
Atlantic, Antarctic	48	Pacific, Antarctic	88
Indian Ocean, Western	51		

Species	Fishing Areas	Marine Protein		Marine Oil		Total Volume		
	FAO	Tonnes	Share	Tonnes	Share	Tonnes	Share	Trimmings
Atlantic Herring	27	34,544	15.3%	13,925	13.5%	48,469	14.8%	78%
Peruvian Anchoveta	87	27,355	12.1%	11,936	11.6%	39,291	12.0%	15%
Blue Whiting	27	29,182	12.9%	3,176	3.1%	32,358	9.8%	2%
Capelin	27	17,478	7.7%	1,844	1.8%	19,322	5.9%	60%
Tuna Spp.	87, 57	15,403	6.8%	2,972	2.9%	18,375	5.6%	100%
Pacific Mackerel Spp.	87, 77, 71	10,900	4.8%	5,687	5.5%	16,587	5.0%	9%
Wild Seafood By-Products	27, 87, 41, 47, 34	12,255	5.4%	2,822	2.7%	15,077	4.6%	97%
Atlantic Sardine	27, 34, 37, 87	9,186	4.1%	5,667	5.5%	14,853	4.5%	80%
Atlantic Mackerel Spp.	27, 34	9,475	4.2%	5,246	5.1%	14,721	4.5%	77%
Antarctic Krill	48	13,834	6.1%	-	0.0%	13,834	4.2%	0%
Farmed Seafood By-Products	87, 27	2,245	1.0%	11,013	10.7%	13,258	4.0%	100%
Anchovy	47, 77, 37, 27, 34, 87, 61	4,548	2.0%	8,456	8.2%	13,003	4.0%	11%
Atlantic Cod	27	8,930	4.0%	1,647	1.6%	10,577	3.2%	100%
Araucanian Herring	87	7,734	3.4%	2,466	2.4%	10,200	3.1%	0%
Sardine	51	2,260	1.0%	6,754	6.6%	9,013	2.7%	15%
Sprat	27	3,322	1.5%	1,864	1.8%	5,186	1.6%	20%
Alaska Pollock	67	-	0.0%	5,126	5.0%	5,126	1.6%	100%
Pacific Sardine	77, 81, 61, 87	800	0.4%	3,890	3.8%	4,690	1.4%	0%
Sandeel	27	4,441	2.0%	219	0.2%	4,660	1.4%	0%
Sardinella	34, 37	-	0.0%	2,939	2.9%	2,939	0.9%	27%
Menhaden	87, 61	548	0.2%	29	0.0%	577	0.2%	0%
Other	87, 27, 34, 77, 47, 51, 71	11,162	4.9%	5,265	5.1%	16,428	5.0%	19%
TOTAL		225,600	100%	102,943	100%	328,543	100%	46%
MSC		63,428	28.1%	21,940	21.3%	85,368	26.0%	
MarinTrust		154,552	68.5%	47,523	46.2%	202,075	61.5%	
Fishery Improvement Projects		44,244	19.6%	9,173	8.9%	53,417	16.3%	
ASC Compliant**		191,025	84.7%	79,179	76.9%	270,204	82.2%	
Trimmings		97,885	43.4%	52,493	51.0%	150,377	45.8%	



Table: Species in marine meals and oils used by BioMar in 2023 are disclosed in the table in descending order, according to total volume (metric tonnes). Respective shares of species and MSC, MarinTrust, FIP and ASC-compliant material are also shown. China volumes are not included.
 *Includes species landed in compliance with the revised EU Common Fisheries Policy Landing Obligation (discards ban), fully implemented on 1 January 2019.
 ** ASC compliant in accordance with species standards and their respective indicators in the ASC Interim Solution for marine ingredients.