



FEDERATION OF
EUROPEAN
AQUACULTURE
PRODUCERS

European Aquaculture Production Report 2015-2021 (V1.1)

Prepared by the FEAP secretariat (31 March 2023)

FEAP Production Report - 2022



The Member Associations of the FEAP provide production data for the activities of their national producers on an annual basis.

The FEAP Secretariat groups this information into European and National reports on production for publication in this document. The information and figures used for the preparation of this report have been provided, for the most part, by the Member Associations of the FEAP while additional data has been sourced from National statistical offices and/or other national sources.

For further statistical information on aquaculture production and values, the FAO provides a wide range of data for global aquaculture and fisheries statistics (FISHSTAT) while Globefish, another initiative of the FAO, represents a network of regional marketing information services that provides data on markets and prices. European trade data can be accessed through EUMOFA – the European Market Observatory for Fisheries and Aquaculture Products (see www.eumofa.eu) and EUROSTAT. This FEAP Production report is split up in 2 sections and covers the period 2015-2021.

Production by country

- Total European production (including EU and non-EU countries)
- EU Member States production
- Non-EU European States production

The individual member countries of FEAP for which detailed production information is covered by this report are :

Belgium	Denmark	Greece	Italy	Poland	Switzerland
Croatia	Finland	Hungary	Malta	Portugal	Turkey
Cyprus	France	Iceland	Netherlands	Spain	United Kingdom
Czech Republic	Germany	Ireland	Norway	Sweden	

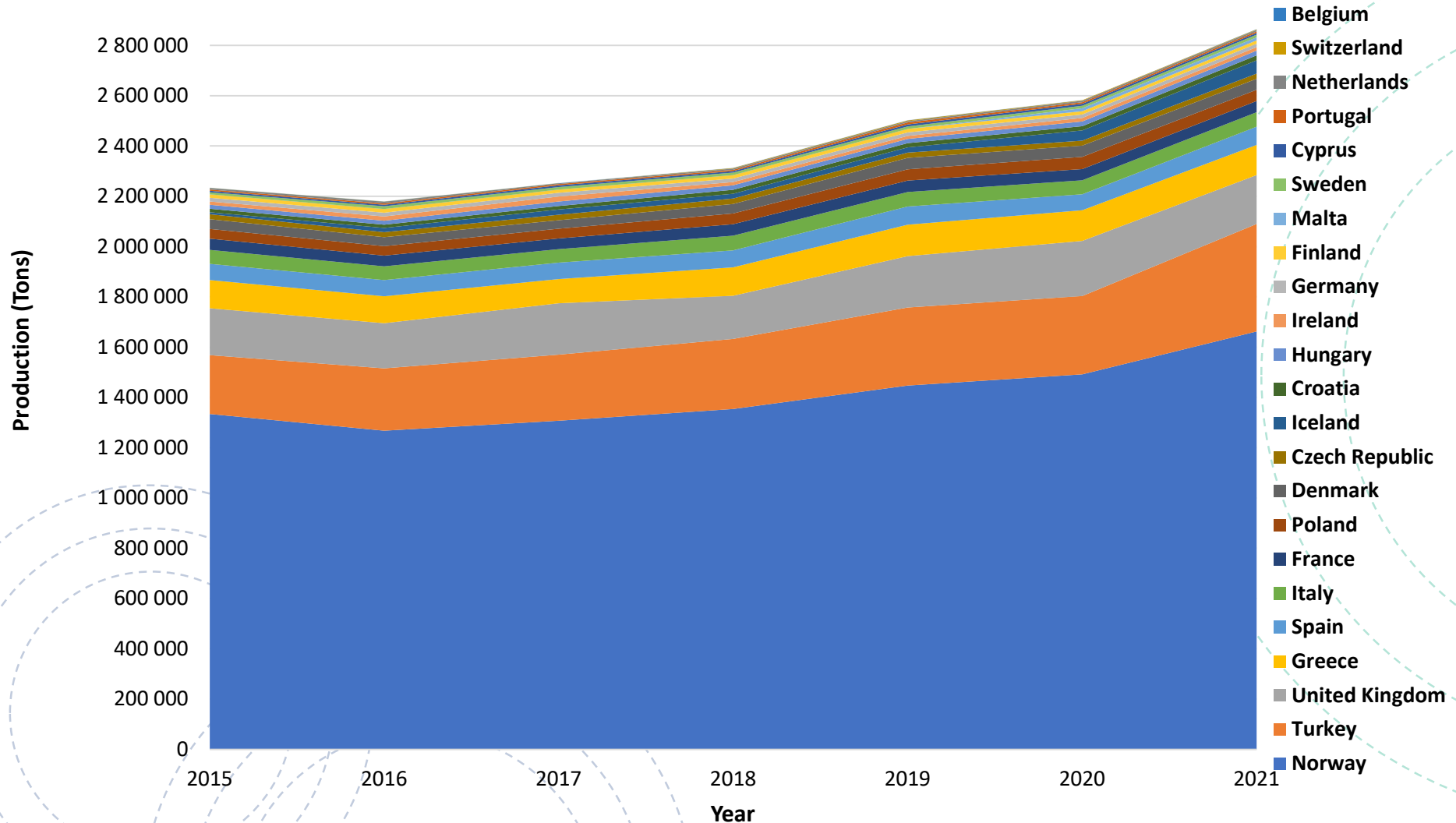
- Some total figures may differ from National figures due to some minor species included in the Total production and not in the National one.
- Credits for fish species illustrations : © Scandinavian Fishing Year Book and © Joseph R. Tomelleri.

Fish Farming Production in Europe



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Norway	1,333,994	1,267,751	1,306,603	1,353,730	1,447,291	1,492,000	1,661,574
Turkey	234,000	247,754	263,500	279,000	310,300	310,800	427,800
Utd. Kingdom	186,792	179,887	204,277	171,095	204,119	219,396	193,920
Greece	112,159	106,874	96,611	113,107	124,700	122,100	125,600
Spain	64,186	64,719	64,607	67,425	73,104	63,176	75,313
Italy	55,480	53,790	53,600	58,550	56,815	55,500	57,320
Iceland	8,249	16,700	20,776	19,077	20,594	40,328	52,799
France	45,021	42,971	42,977	45,841	46,272	44,860	45,164
Poland	38,613	37,811	38,886	42,969	44,871	49,195	44,197
Denmark	38,829	35,272	33,654	37,685	44,895	43,898	43,898
Croatia	13,341	13,500	13,914	15,491	17,118	17,381	23,326
Czech Republic	19,265	20,006	21,689	21,747	20,986	20,453	20,682
Hungary	16,724	15,699	17,517	17,859	16,843	18,038	17,929
Ireland	12,000	17,300	20,305	13,041	12,100	14,000	14,000
Germany	15,216	14,875	14,875	13,805	13,628	13,758	13,758
Finland	12,550	13,187	12,314	12,835	13,116	12,358	14,200
Malta	-	-	-	-	-	11 790	11,790
Sweden	8,827	11,000	9,919	9,914	10,406	10,610	10,610
Cyprus	5,409	6,590	6,512	6,500	8,004	7,500	7,500
Portugal	4,718	4,834	5,500	4,448	7,588	6,320	6,320
Netherlands	6,285	6,285	2,912	4,970	5,230	5,270	5,270
Switzerland	-	-	-	1,913	2,463	2,392	2,442
Belgium	290	230	247	265	270	320	320
Grand total	2,231,948	2,177,035	2,251,195	2,311,299	2,500,713	2,581,443	2,875,732

Fish Farming Production in Europe





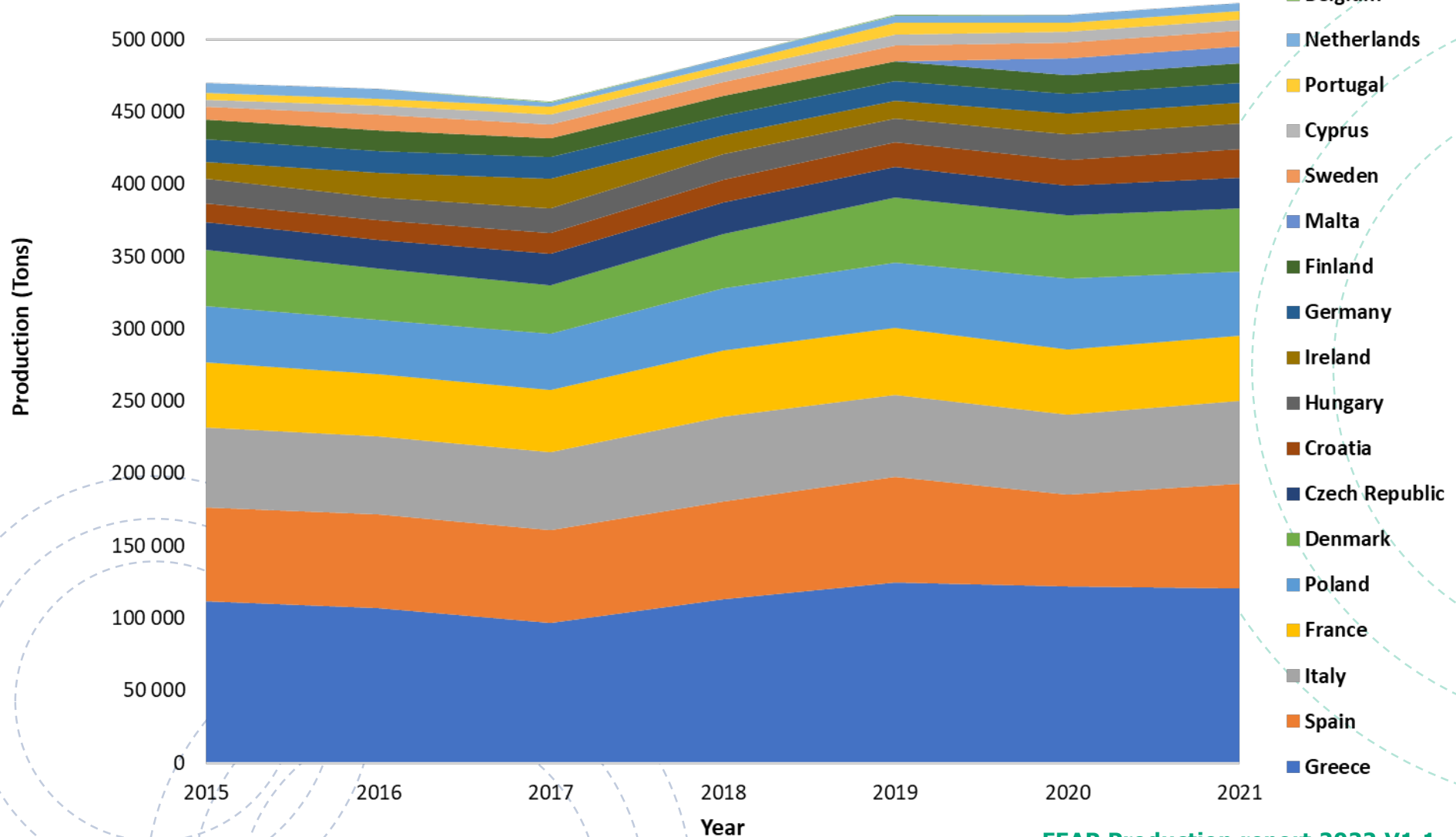
Fish Farming Production in EU countries



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Greece	112,159	106,874	96,611	113,107	124,700	122,100	125,600
Spain	64,186	64,719	64,607	67,425	73,104	63,176	75,313
Italy	55,480	53,790	53,600	58,550	56,815	55,500	57,320
France	45,021	42,971	42,977	45,841	46,272	44,860	45,164
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Finland	12,550	13,187	12,314	12,835	13,116	12,358	14,200
Malta	-	-	-	-	-	11,790	11,790
Sweden	8,827	11,000	9,919	9,914	10,406	10,610	10,610
Cyprus	5,409	6,590	6,512	6,500	8,004	7,500	7,500
Portugal	4,718	4,834	5,500	4,480	7,588	6,320	6,320
Netherlands	6,285	6,285	2,912	4,970	5,230	5,270	5,270
Belgium	290	230	247	265	270	320	320
Grand total	468,913	464,943	456,039	486,484	515,946	505,734	537,197



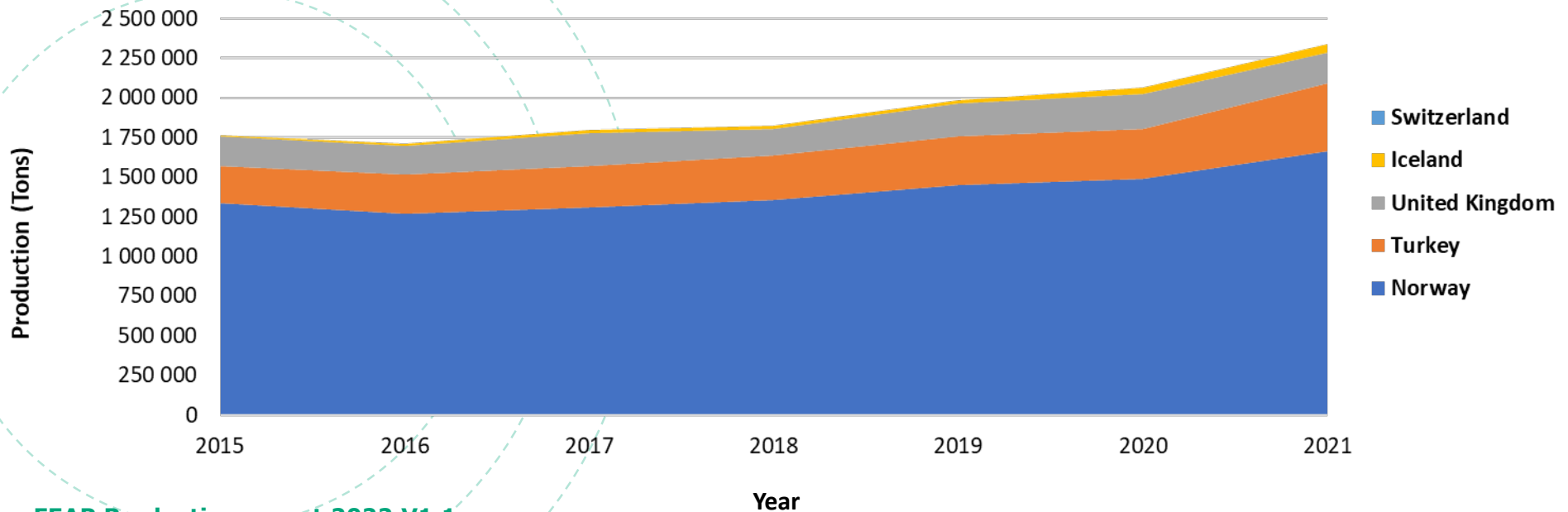
Fish Farming Production in EU countries



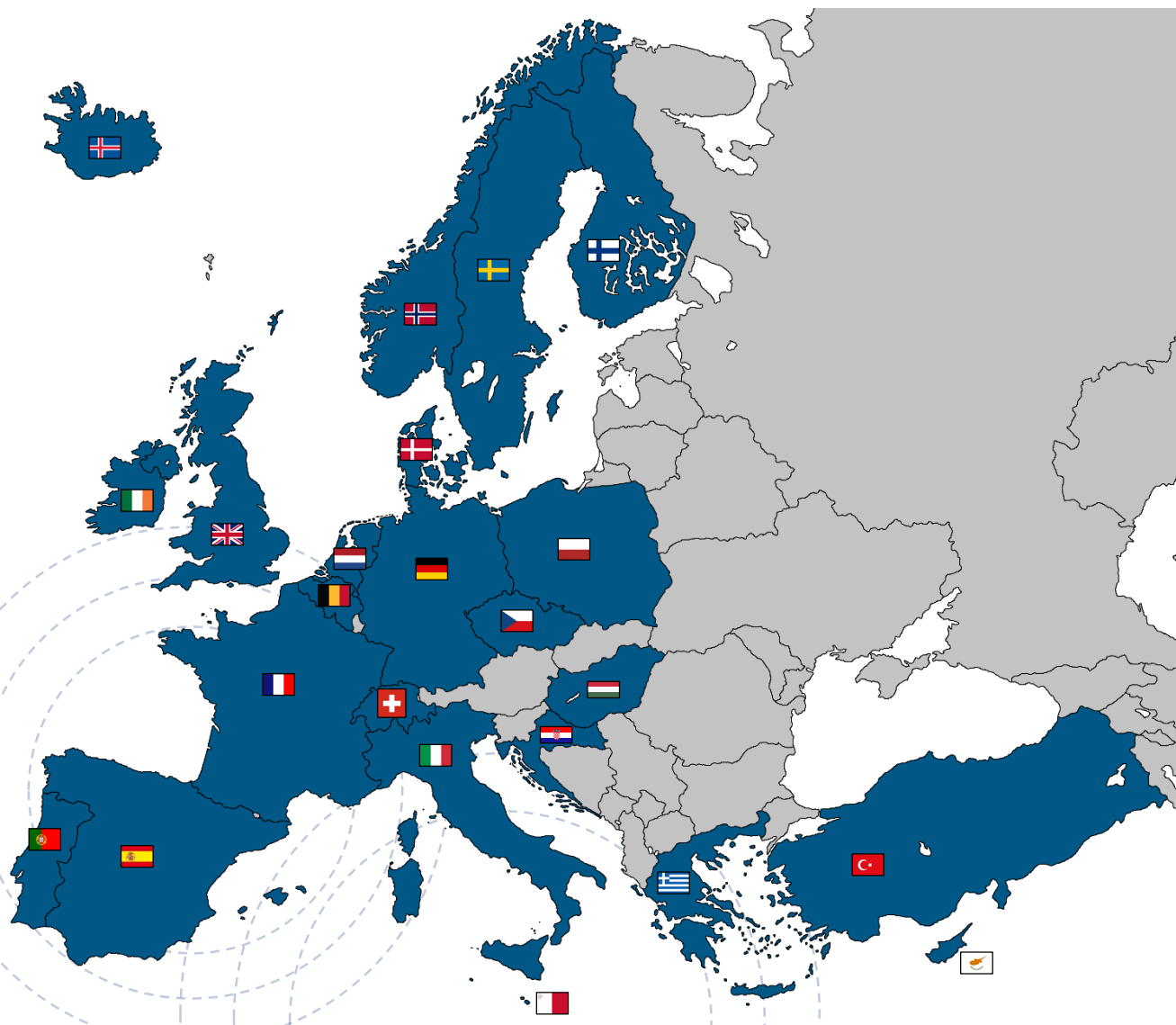
Fish Farming Production in non-EU countries


























Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Norway	1,333,994	1,267,751	1,306,603	1,353,730	1,447,291	1,492,000	1,661,574
Turkey	234,000	247,754	263,500	279,000	310,300	310,800	427,800
Utd. Kingdom	186,792	179,887	204,277	171,095	204,119	219,396	193,920
Iceland	8,249	16,700	20,776	19,077	20,594	40,328	52,799
Switzerland	-	-	-	1,913	2,463	2,392	2,442
Grand total	1,763,035	1,712,092	1,795,156	1,824,815	1,984,767	2,064,916	2,338,535



Fish Farming Production by country



Member associations in 2022

-  Belgium
-  Croatia
-  Cyprus
-  Czech Republic
-  Denmark
-  Finland
-  France
-  Germany
-  Greece
-  Hungary
-  Iceland
-  Ireland
-  Italy
-  Malta
-  Netherlands
-  Norway
-  Poland
-  Portugal
-  Spain
-  Sweden
-  Switzerland
-  Turkey
-  United Kingdom

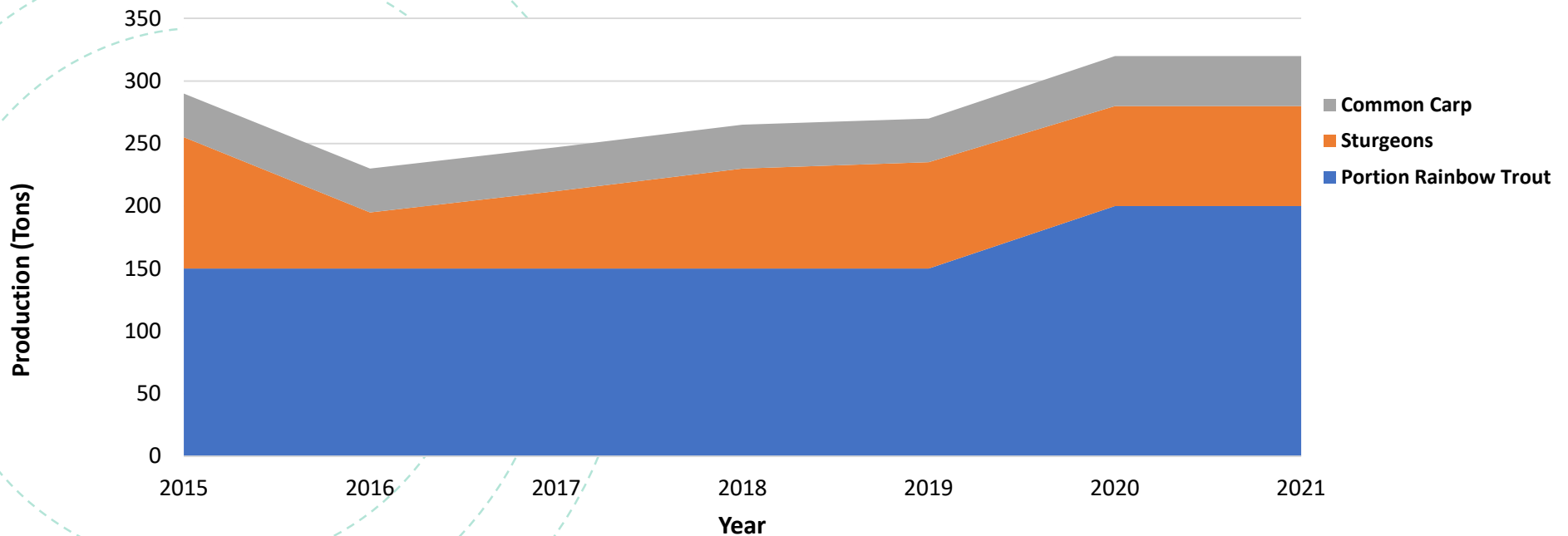


Belgium



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Portion Rainbow Trout	150	150	150	150	150	200	200
Sturgeons nei	105	45	62	80	85	80	80
Common Carp and other species*	35	35	35	35	35	40	40
Grand total	290	230	247	265	270	320	320

*other species include Roach, Minnows and other cyprinids

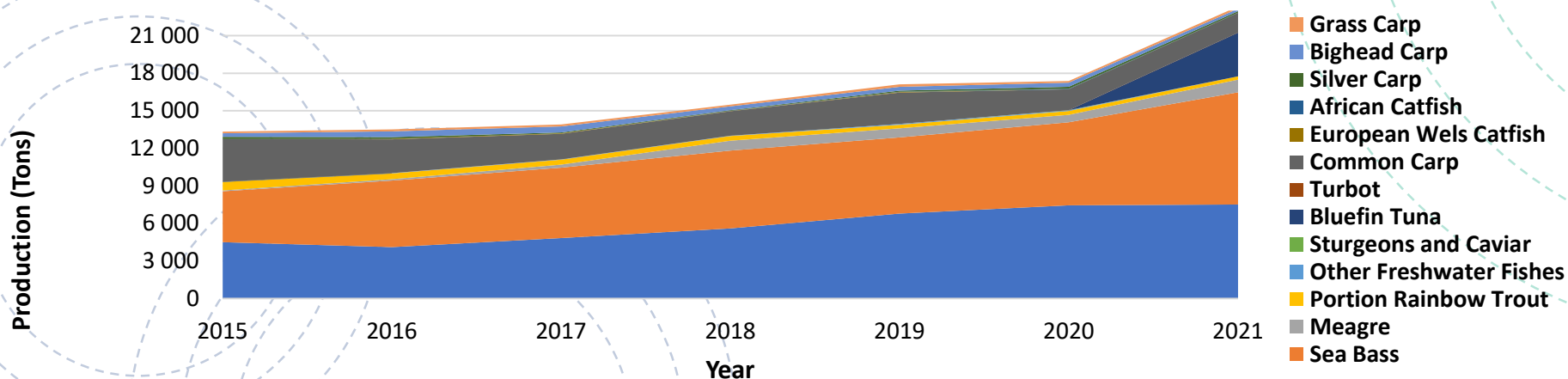




Croatia



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Sea Bass	4,075	5,310	5,616	6,220	6,089	6,637	8,967
Sea Bream	4,488	4,101	4,830	5,591	6,774	7,451	7,519
Bluefin Tuna	-	-	-	-	-	-	3,500
Common Carp	3,401	2,698	2,039	1,959	2,500	1,691	1,585
Meagre	67	125	253	808	725	593	999
Portion Rainbow Trout	679	467	395	370	300	300	258
Bighead carp	295	472	477	301	300	326	211
Grass carp	132	134	169	141	200	133	163
Silver Carp	174	135	73	36	100	162	100
African Catfish	-	-	-	20	20	32	19
European Wels Catfish	0	40	40	23	50	-	-
Other Species*	22	17	22	15	55	51	-
Sturgeons nei	-	-	-	7	5	5	5
Grand total	13,333	13,499	13,914	15,491	17,118	17,381	23,326



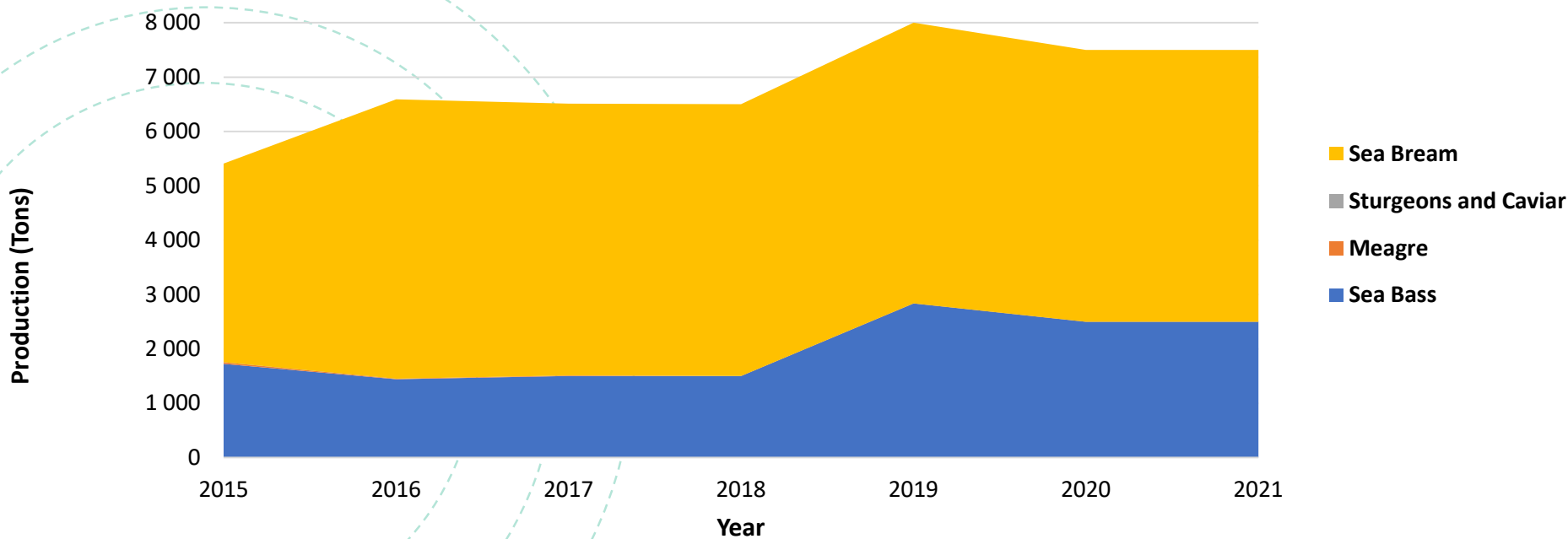
*other species include Tench, Perch, Pike-Perch, Roach, ...



Cyprus



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Sea Bream	3,656	5,136	5,000	5,000	5,168	5,000	5,000
Sea Bass	1,725	1,442	1,500	1,500	2,836	2,500	2,500
Sturgeons nei	-	1	2	-	-	-	-
Meagre	28	10	10	-	-	-	-
Grand total	5,409	6,590	6,512	6,500	8,004	7,500	7,500



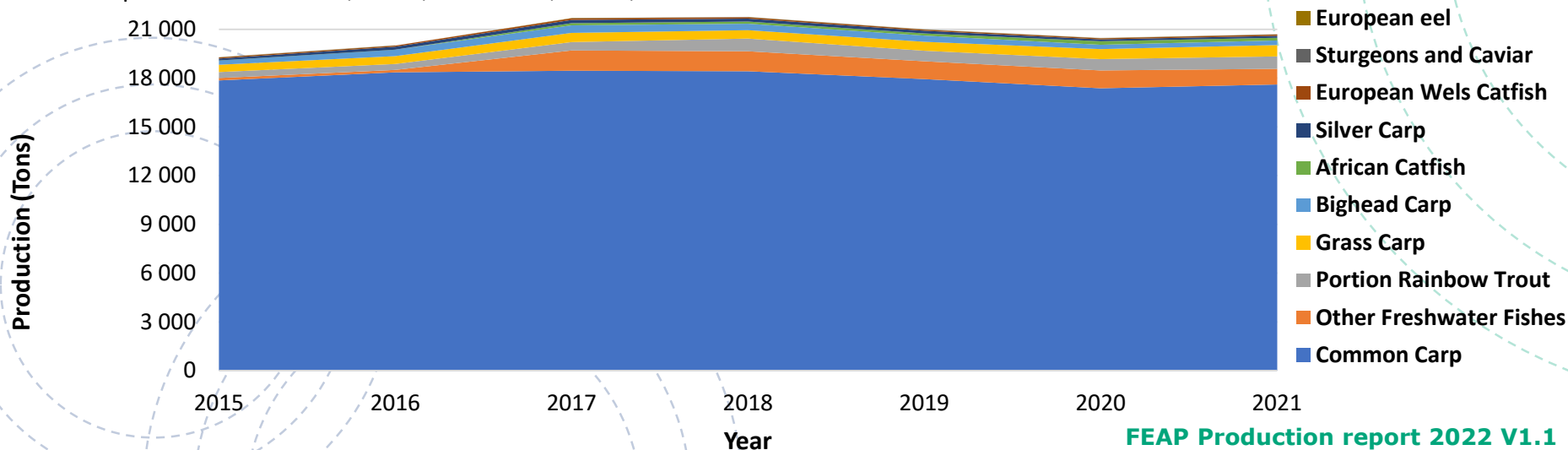


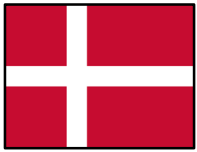
Czech Republic



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Common Carp	17,860	18,354	18,460	18,430	17,945	17,370	17,616
Other Species*	152	145	1,243	1,223	1,099	1,104	958
Portion Rainbow Trout	368	367	509	784	649	699	761
Grass carp	445	490	567	515	536	611	695
Bighead carp	264	402	473	393	389	269	279
African Catfish	-	-	130	142	125	212	170
Silver Carp	113	172	203	168	167	115	119
European Wels Catfish	63	74	100	91	76	73	84
Sturgeons nei	-	2	2	-	-	-	-
European eel	-	-	2	1	-	-	-
Grand total	19,265	20,006	21,689	21,747	20,986	20,453	20,682

*other species include Tench, Perch, Pike-Perch, Roach, ...

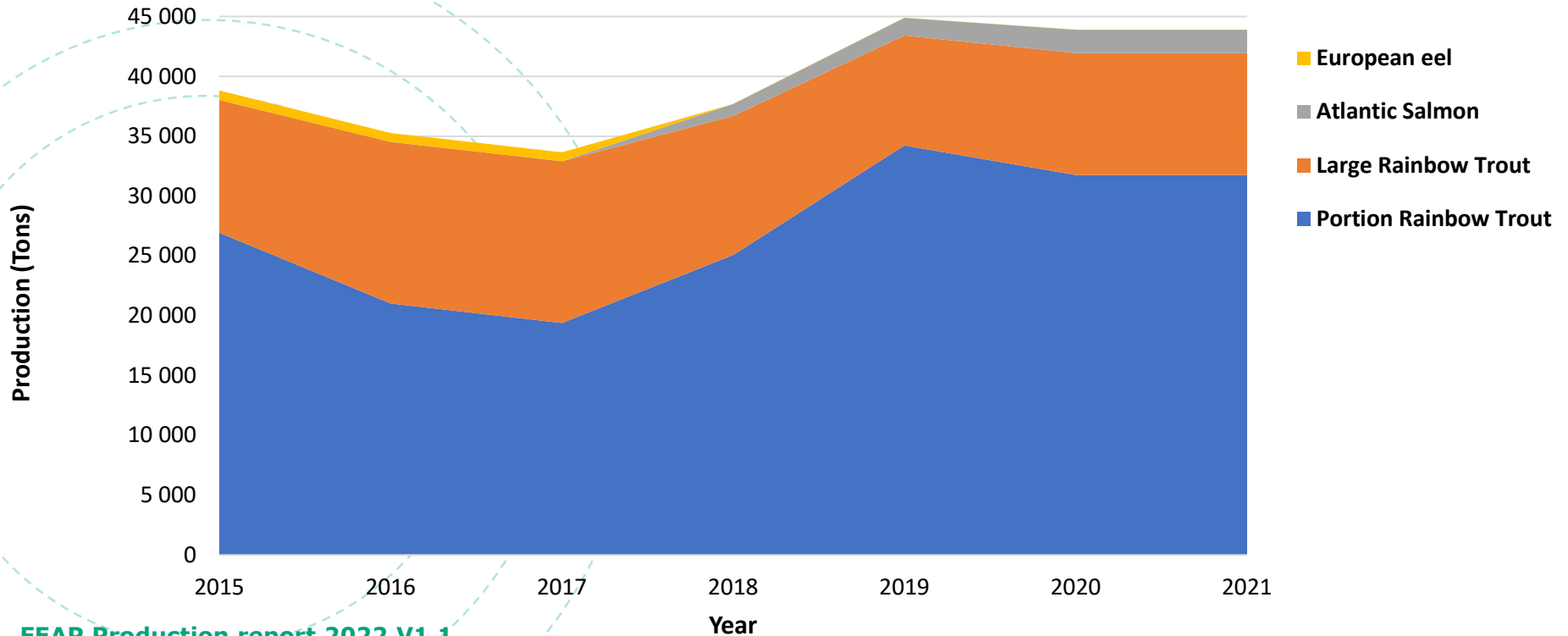




Denmark



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Portion Rainbow Trout	26,925	21,022	19,404	25,086	34,232	31,755	31,755
Large Trout	11,115	13,500	13,500	11,599	9,188	10,203	10,203
European eel	789	750	750	-	-	-	-
Atlantic salmon	-	-	-	1,000	1,475	1,940	1,940
Grand total	38,829	35,272	33,654	37,685	44,895	43,898	43,898



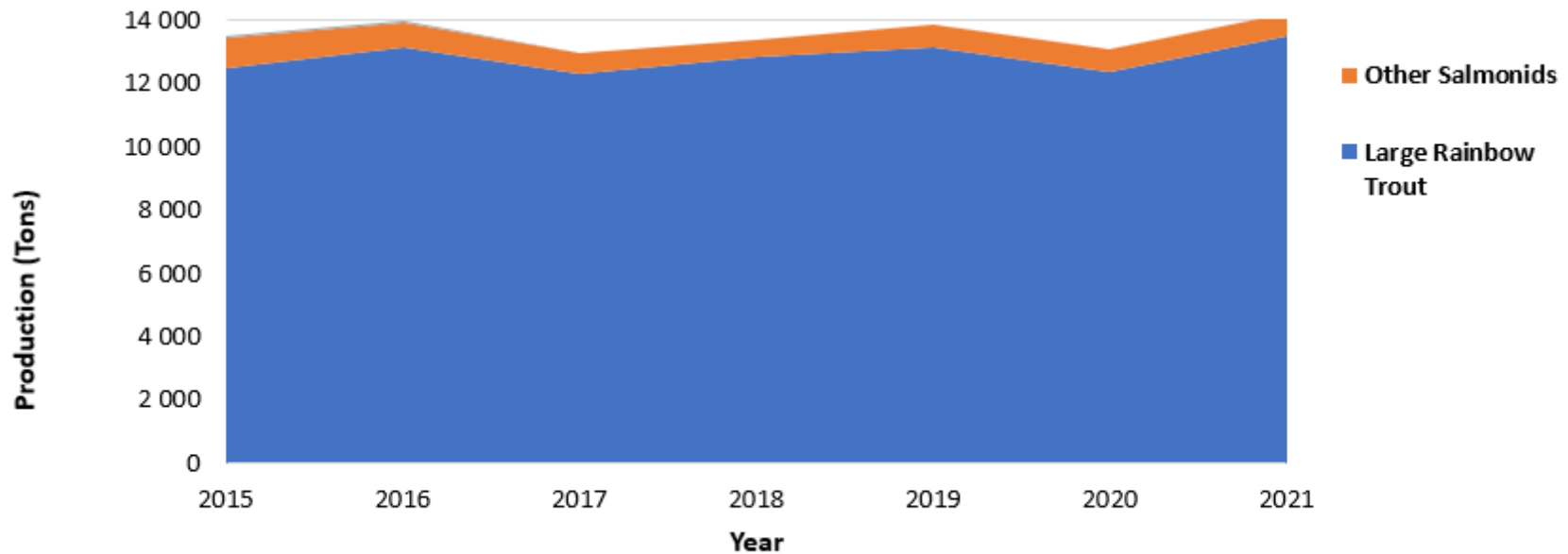


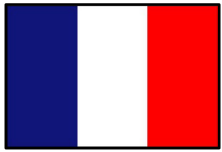
Finland



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Large Rainbow Trout	12,500	13,127	12,314	12,835	13,116	12,358	13,500
White fish*							700
Sturgeons nei	50	60	-	-	-	-	-
Grand total	12,550	13,187	12,314	12,835	13,116	12,358	14,200

*white fish production was not reported before 2021, illustrated as other salmonids below.



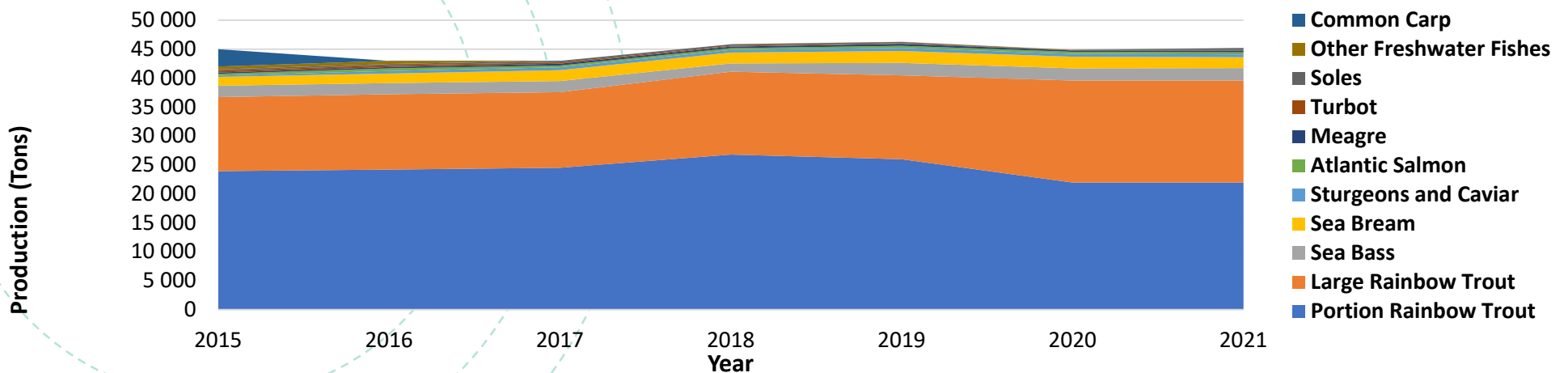


France



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Portion Rainbow Trout	23,947	24,200	24,506	26,814	26,000	21,945	21,945
Large Rainbow Trout	12,766	13,000	13,064	14,295	14,500	17,655	17,655
Sea Bass	1,980	1,928	1,945	1,433	2,123	2,100	2,128
Sea Bream	1,502	1,671	1,853	1,879	2,081	2,000	1,881
Sturgeons nei	241	450	500	453	500	500	500
Atlantic salmon	300	450	300	300	360	360	360
Meagre	226	236	326	289	390	200	304
Sole	256	248	276	262	253	-	291
Turbot	303	288	207	116	65	100	100
Other Species*	500	500	-	-	-	-	-
Common Carp	3,000	-	-	-	-	-	-
Grand total	45,021	42,971	42,977	45,841	46,272	44,860	45,164

*other species include Tench, Perch, Pike-Perch, Roach, ...

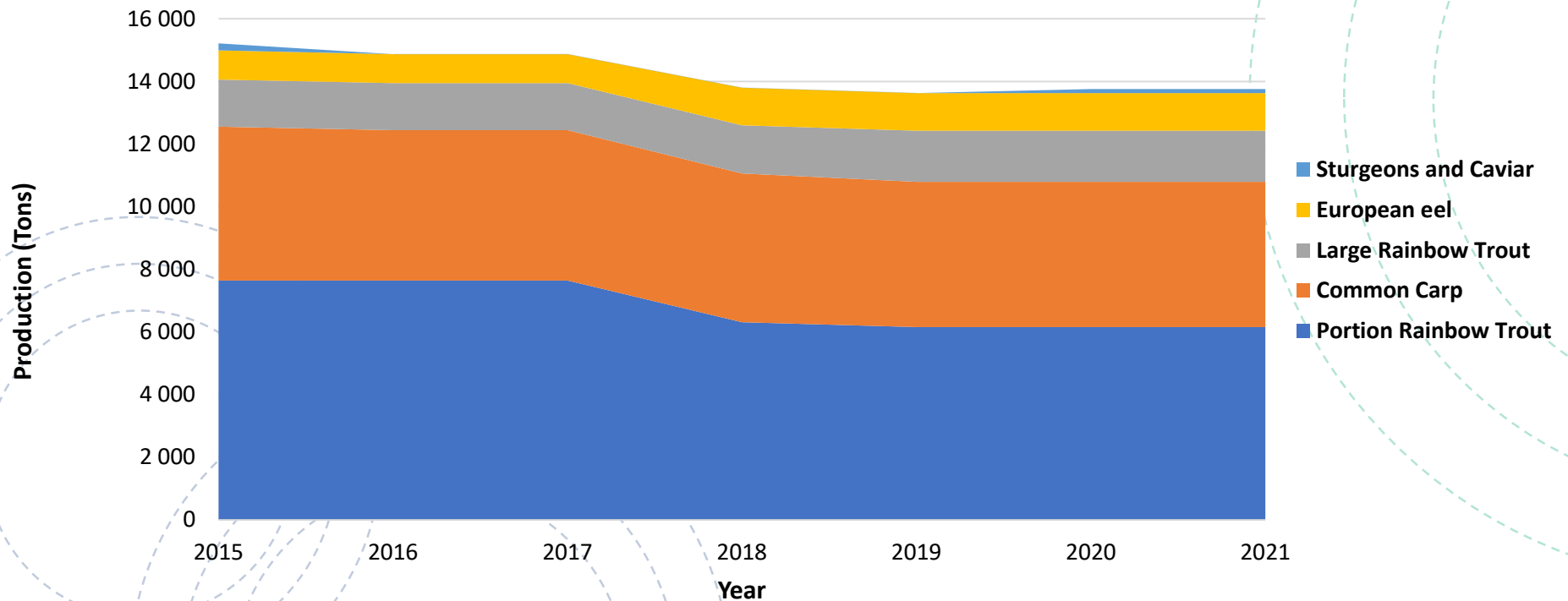




Germany



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Portion Rainbow Trout	7,642	7,642	7,642	6,315	6,158	6,158	6,158
Common Carp	4,916	4,800	4,800	4,746	4,641	4,641	4,641
Large Rainbow Trout	1,506	1,506	1,506	1,537	1,627	1,627	1,627
European eel	927	927	927	1,207	1,202	1,202	1,202
Sturgeons nei	225	-	-	-	-	130	130
Grand total	15,216	14,875	14,875	13,805	13,628	13,758	13,758

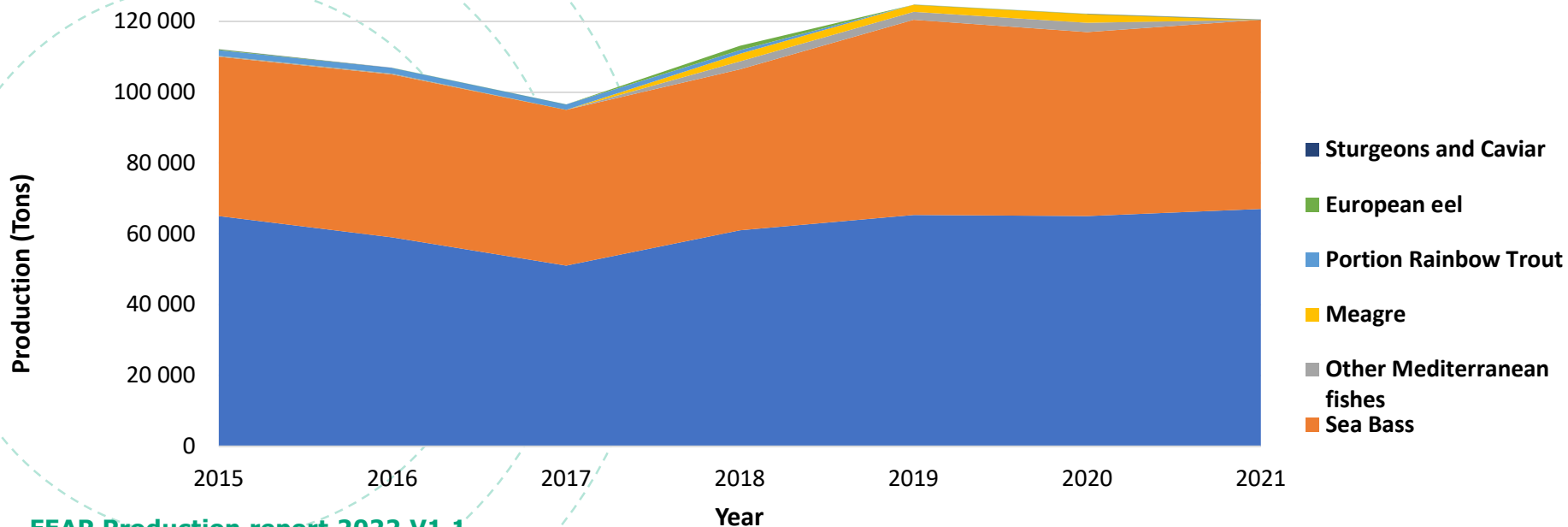




Greece



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Sea Bream	65,000	59,000	51,000	61,000	65,300	65,000	67,000
Sea Bass	45,000	46,000	44,000	45,500	55,200	52,000	53,500
Meagre	-	-	-	2,200	2,000	2,500	2,500
Pagrus	-	-	-	2,200	2,200	2,600	2,600
Portion Rainbow Trout	1,611	1,611	1,611	1,000	-	-	-
Flathead grey mullet	263	263	-	-	-	-	-
European eel	285	-	-	1,207	-	-	-
Grand total	112,159	106,874	96,611	113,107	124,700	122,100	125,600



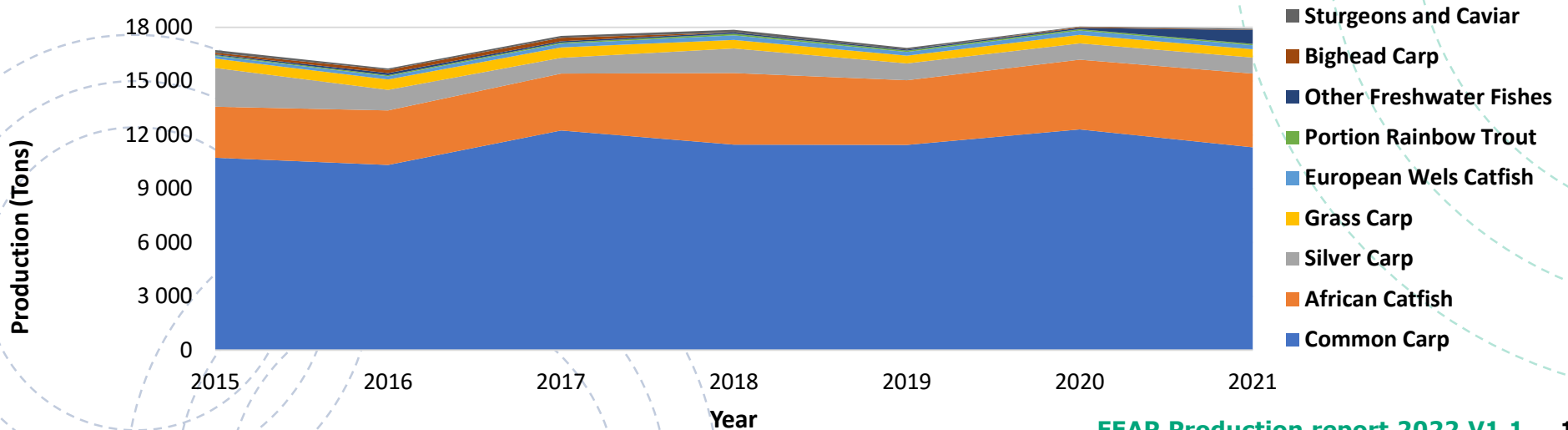


Hungary



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Common Carp	10,725	10,321	12,240	11,462	11,436	12,300	11,309
African Catfish	2,840	3,039	3,174	3,987	3,610	3,900	4,108
Silver Carp	2,168	1,144	883	1,370	943	900	896
Grass carp	516	583	579	474	425	476	465
European Wels Catfish	149	178	216	252	206	242	216
Bighead carp	85	176	205	-	-	50	7
Sturgeons nei	142	76	97	139	87	28	71
Other Species*	57	115	69	76	60	66	783
Portion Rainbow Trout	42	67	54	99	76	76	74
Grand total	16,724	15,699	17,517	17,859	16,843	18,038	17,929

*other species include Tench, Perch, Pike-Perch, Roach, ...

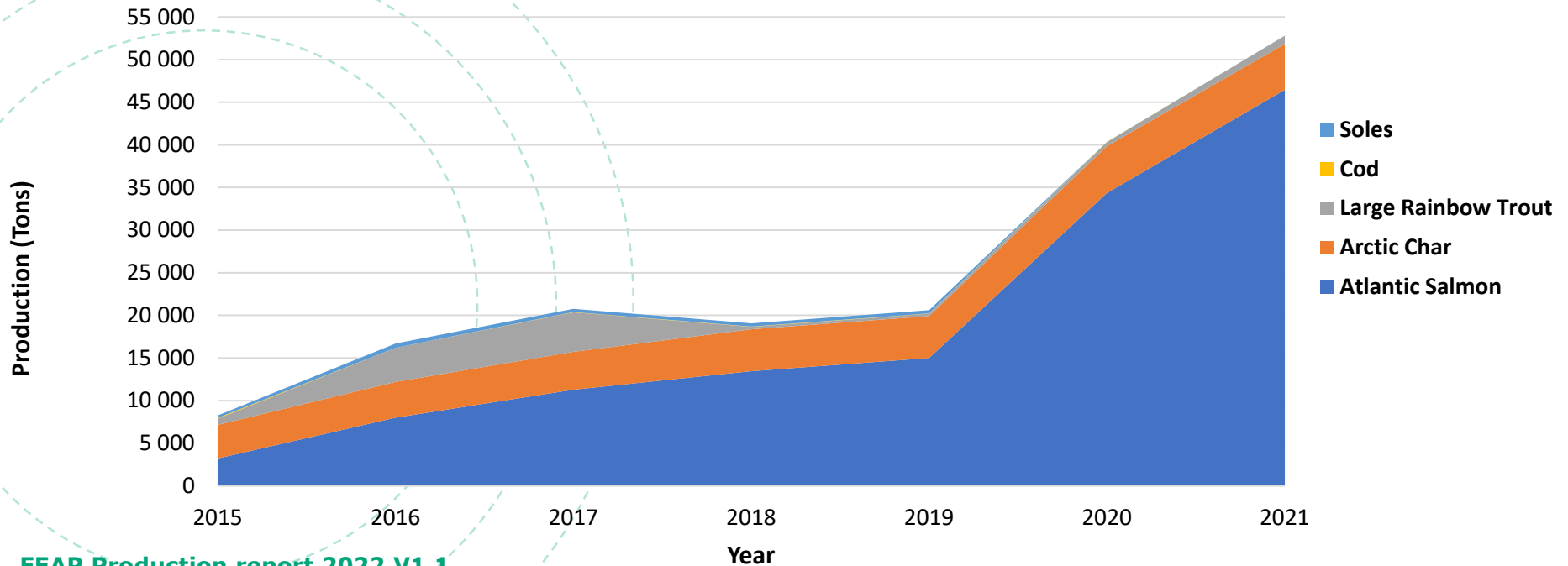




Iceland



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Atlantic salmon	3,220	8,000	11,265	13,448	15,000	34,341	46,458
Arctic Char	3,937	4,200	4,454	4,914	4,914	5,493	5,390
Large Trout	728	4,000	4,628	295	299	490	951
Sole	290	500	-	-	-	-	-
Senegal Flounder	-	-	400	391	377	-	-
Cod	74	-	29	29	4	4	-
Grand total	8,249	16,700	20,776	19,077	20,594	40,328	52,799

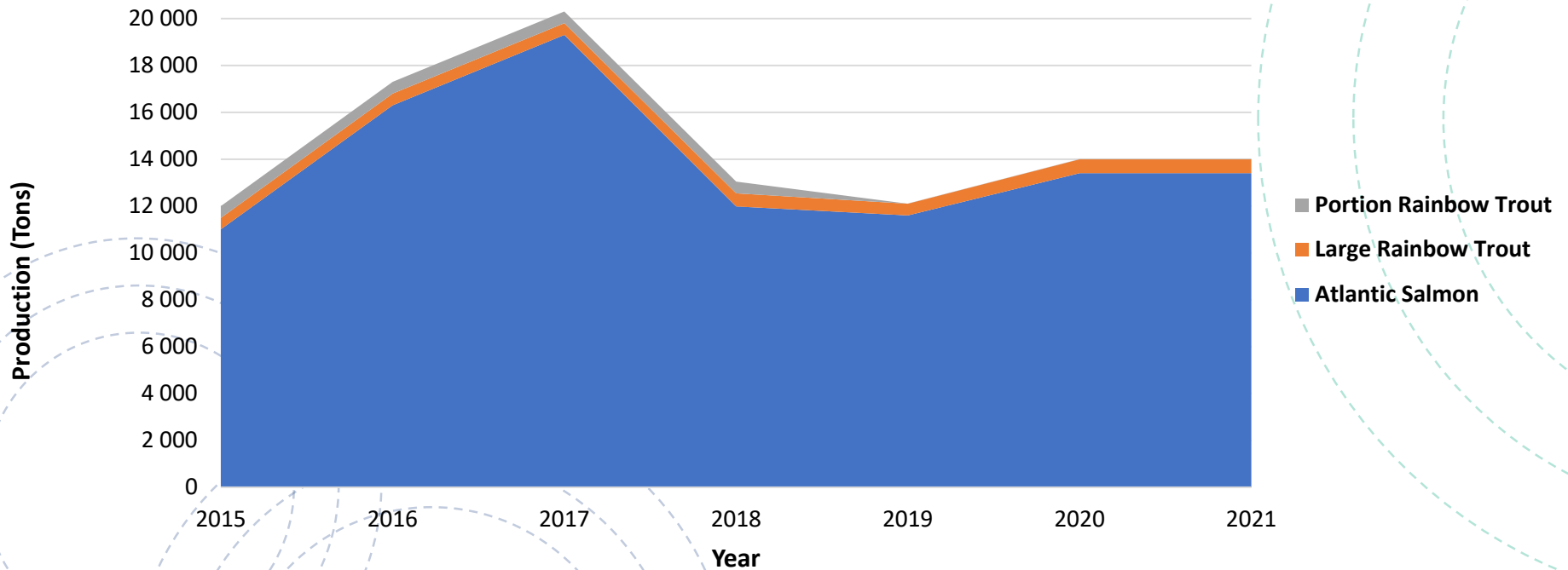




Ireland



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Atlantic salmon	11,000	16,300	19,305	11,984	11,600	13,400	13,400
Large Trout	500	500	500	557	500	600	600
Portion Rainbow Trout	500	500	500	500	-	-	-
Grand total	12,000	17,300	20,305	13,041	12,100	14,000	14,000

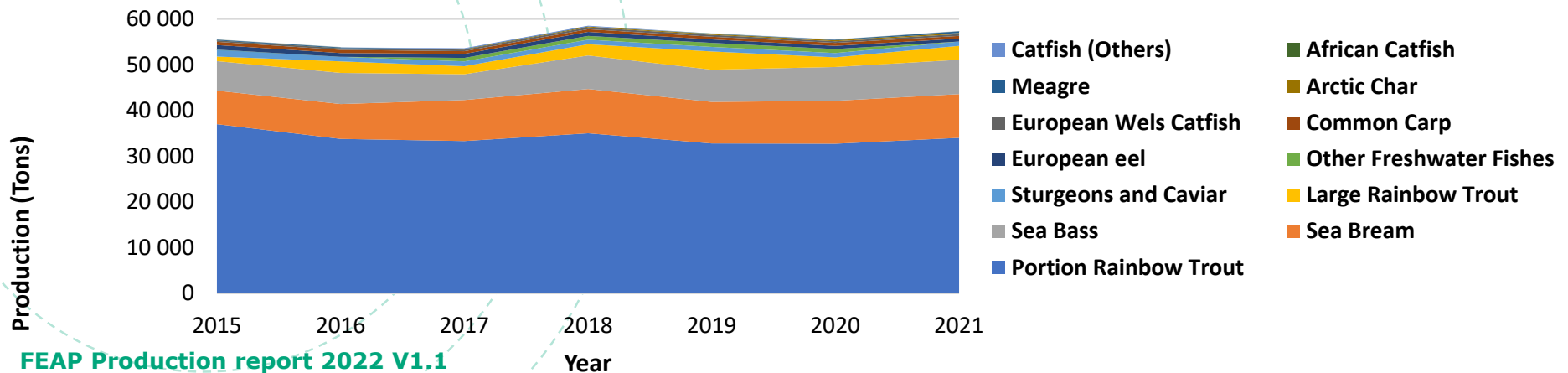


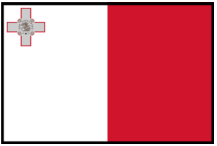


Italy



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Portion Rainbow Trout	37,000	33,800	33,300	35,000	32,800	32,700	34,000
Sea Bream	7,360	7,600	9,000	9,700	9,100	9,400	9,600
Sea Bass	6,450	6,800	5,600	7,300	7,000	7,400	7,500
Large Rainbow Trout	1,000	2,500	1,800	2,500	4,000	2,100	3,000
Sturgeons nei	1,480	1,000	1,000	1,000	1,000	950	950
European eel	1,000	850	850	850	750	700	650
Other Species*	-	-	800	800	900	900	20
Common Carp	700	700	600	600	550	600	600
Channel Catfish	300	350	350	450	450	400	400
Meagre	190	190	-	-	50	100	400
Arctic Char	-	-	100	150	175	200	200
Black Bullhead	-	-	200	200	-	-	-
African Catfish	-	-	-	-	40	50	-
Grand total	55,480	53,790	53,600	58,550	56,815	55,500	57,320

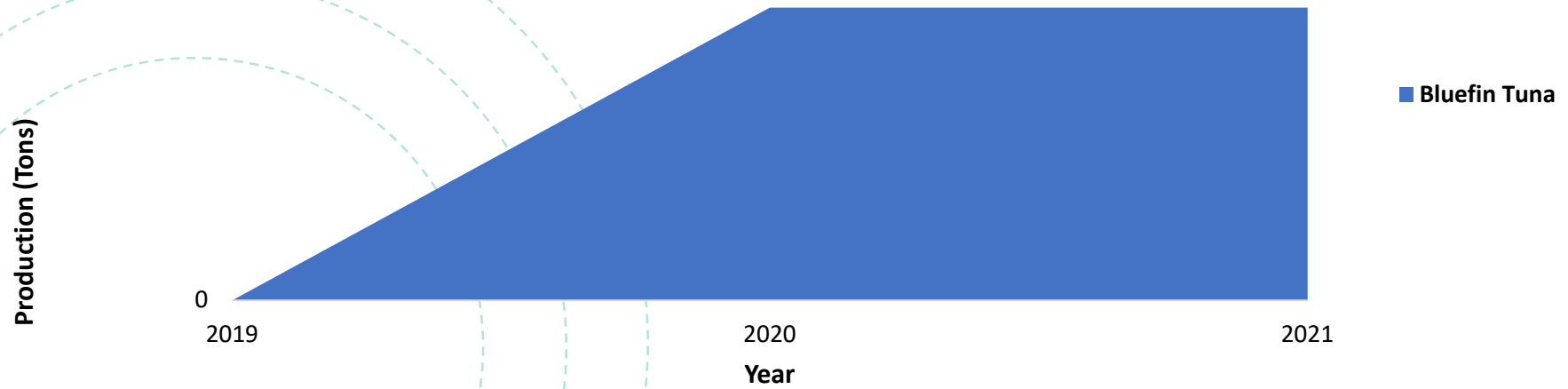




Malta



Production (Tons)	Year	
	2020	2021
Bluefin Tuna	11,790	11,790
Grand total	11,790	11,790

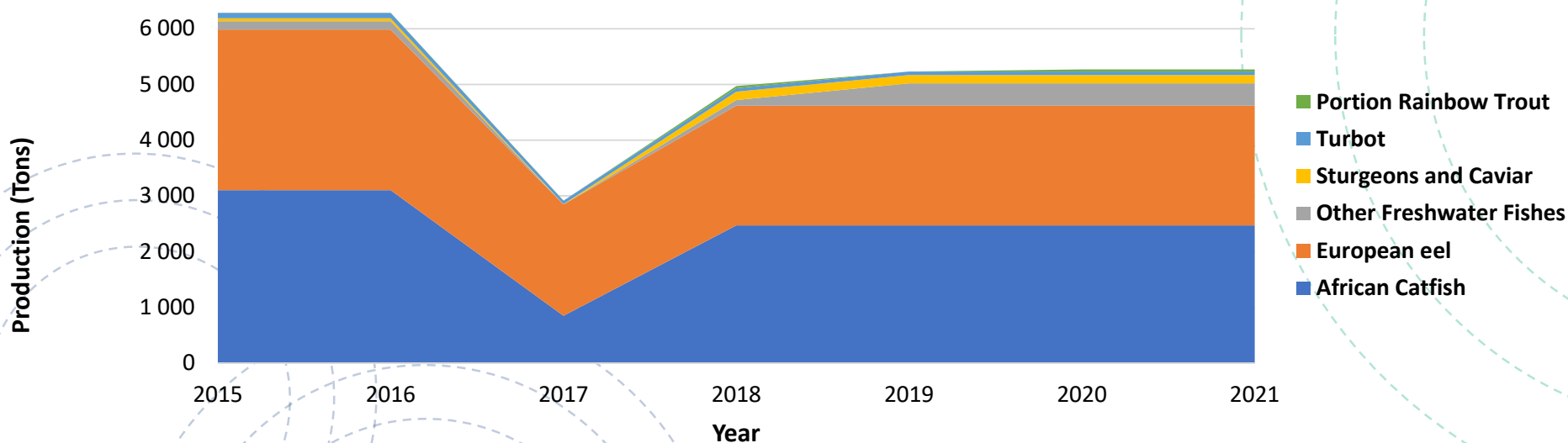




Netherlands



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
European eel	2,885	2,885	2,000	2,150	2,150	2,150	2,150
African Catfish	3,100	3,100	847	2,470	2,470	2,470	2,470
Turbot	100	100	60	60	60	60	60
Sturgeons nei	50	50	5	150	150	150	150
Portion Rainbow Trout	-	-	-	40	-	40	40
Other Species	150	150	-	100	400	400	400
Grand total	6,285	6,285	2,912	4,970	5,230	5,270	5,270

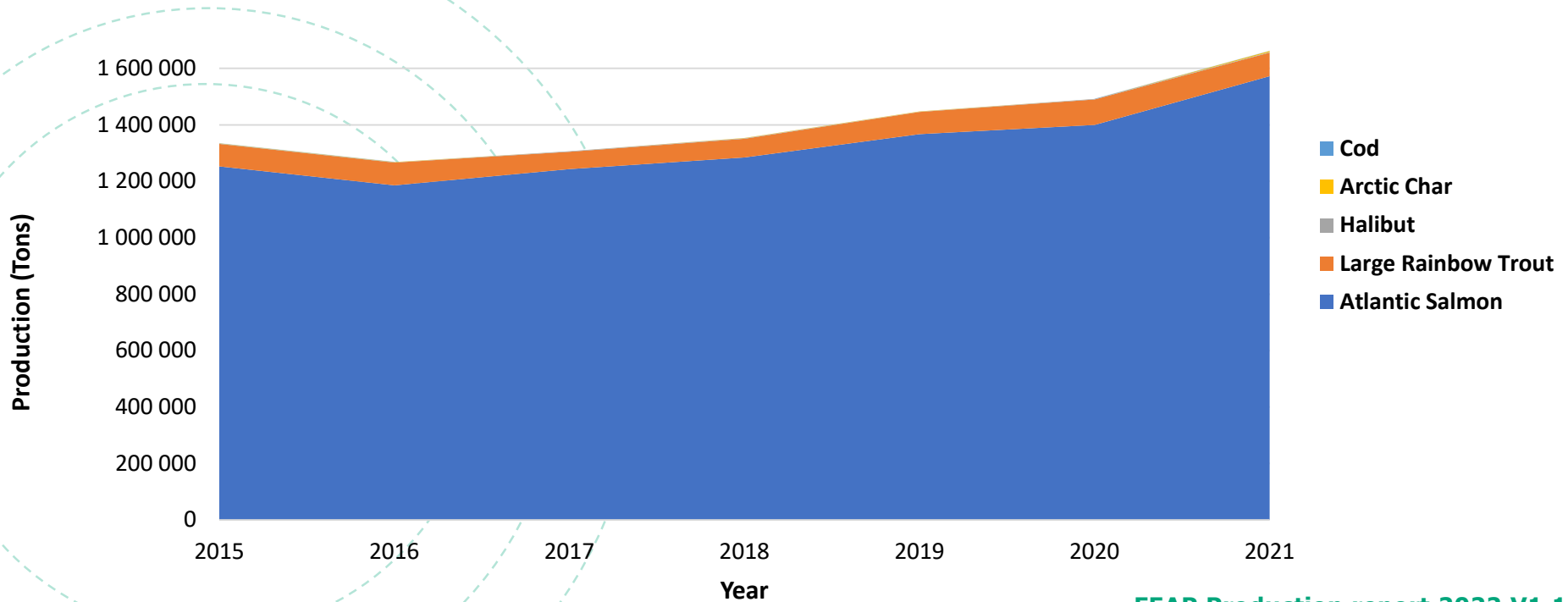




Norway



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Atlantic salmon	1,252,932	1,185,266	1,243,106	1,284,770	1,367,082	1,400,000	1,572,157
Large Trout	79,557	80,694	61,418	66,337	78,320	90,000	83,617
Halibut	1,243	1,461	1,623	1,843	1,524	1,500	1,800
Arctic Char	257	330	339	285	365	500	4,000
Cod	5	-	117	495	-	-	-
Grand total	1,333,994	1,267,751	1,306,603	1,353,730	1,447,291	1,492,000	1,661,574

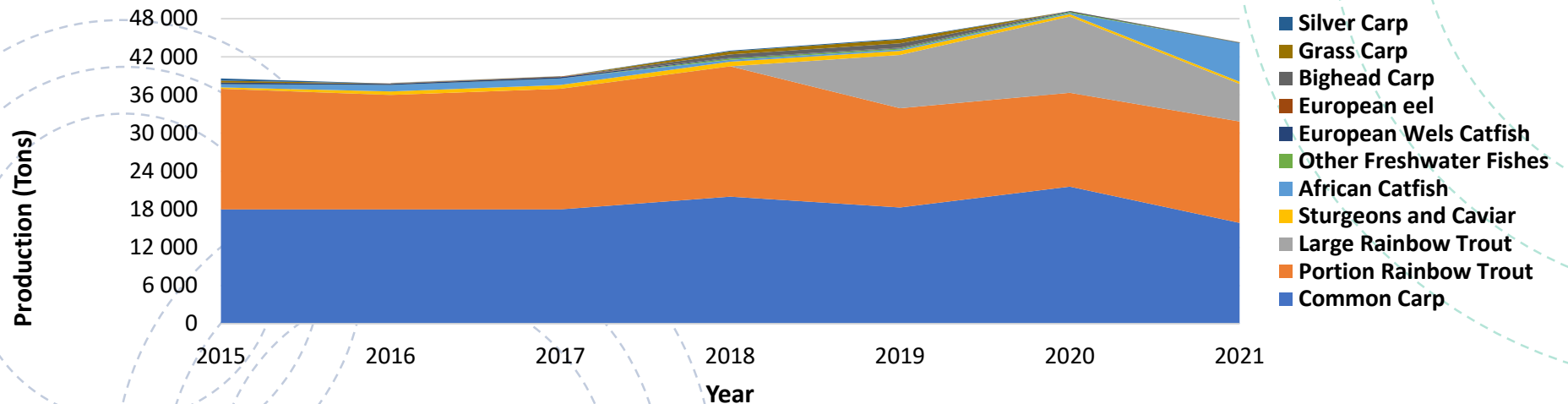




Poland



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Portion Rainbow Trout	19,000	18,000	19,000	20,500	15,600	14,725	15,955
Common Carp	18,000	18,000	18,000	20,000	18,300	21,600	15,880
Large Rainbow Trout	-	-	-	-	8,400	12,000	5,918
Sturgeons nei	193	560	600	750	650	384	344
Bighead carp	-	-	-	570	680	-	-
Grass carp	310	-	-	450	600	-	-
African Catfish	500	1,000	1,000	300	185	185	6,100
Other Species*	-	-	-	210	170	170	-
Silver Carp	360	-	-	112	155	-	-
European Wels Catfish	250	200	200	76	120	120	-
European eel	-	51	86	1	11	11	-
Grand total	38,613	37,811	38,886	42,969	44,871	49,195	44,197

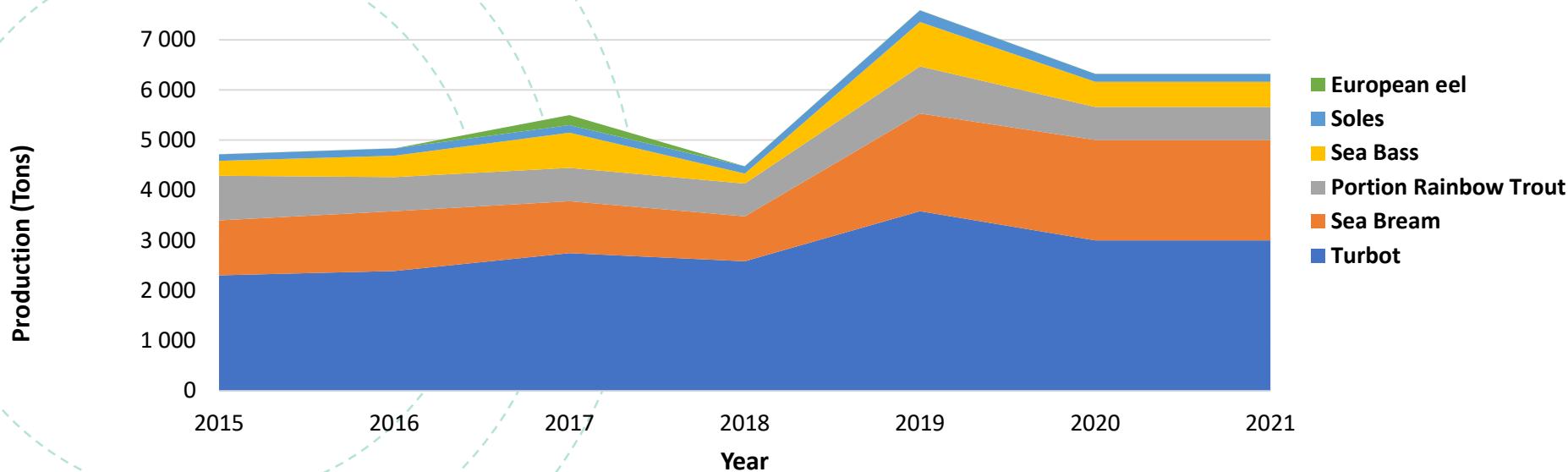




Portugal



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Turbot	2,302	2,388	2,745	2,582	3,580	3,000	3,000
Sea Bream	1,099	1,196	1,038	898	1,953	2,000	2,000
Portion Rainbow Trout	890	676	665	655	939	660	660
Sea Bass	297	427	701	200	882	500	500
Sole	130	147	151	145	234	160	160
Meagre	-	-	-	-	-	-	-
European eel	-	-	200	-	-	-	-
Large Rainbow Trout	-	-	-	-	-	-	-
Grand total	4,718	4,834	5,500	4,480	7,588	6,320	6,320

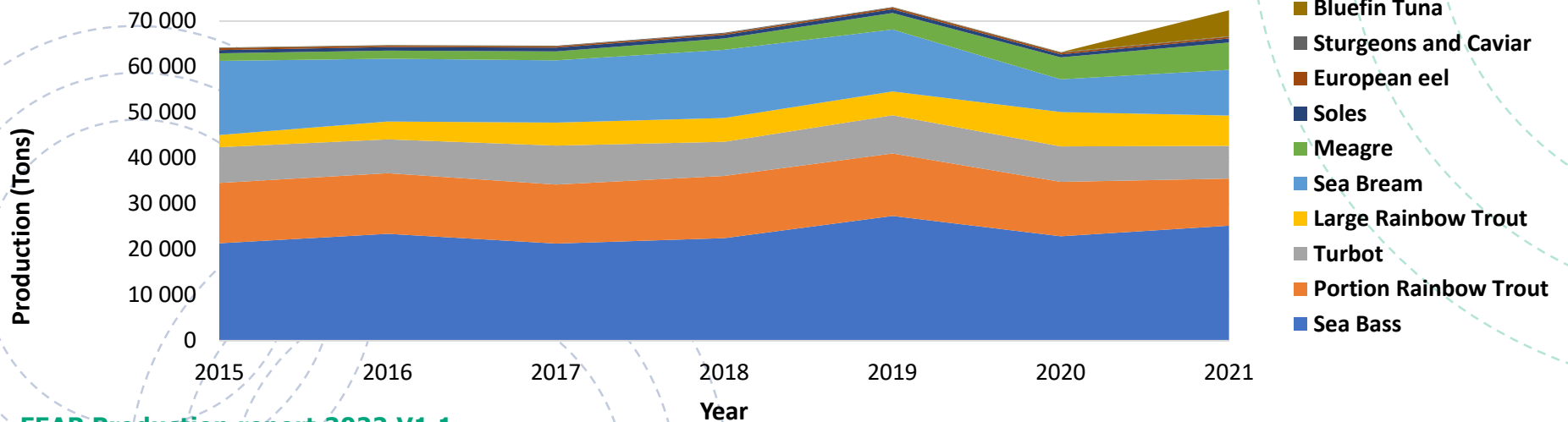




Spain



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Sea Bass	21,324	23,445	21,269	22,460	27,335	22,886	23,924
Portion Rainbow Trout	13,260	13,260	12,922	13,671	13,680	11,900	15,357
Sea Bream	16,231	13,740	13,643	14,930	13,521	7,170	9,632
Turbot	7,815	7,396	8,546	7,450	8,358	7,780	7,629
Large Rainbow Trout	2,678	3,900	5,025	5,185	5,250	7,500	6,591
Meagre	1,642	1,798	1,932	2,500	3,650	4,840	6,167
Tuna	-	-	-	-	-	-	4,500
Sole	736	755	830	774	818	620	1,020
European eel	380	315	330	330	360	360	320
Sturgeons nei	120	110	110	125	132	120	173
Grand total	64,186	64,719	64,607	67,425	73,104	63,176	75,313

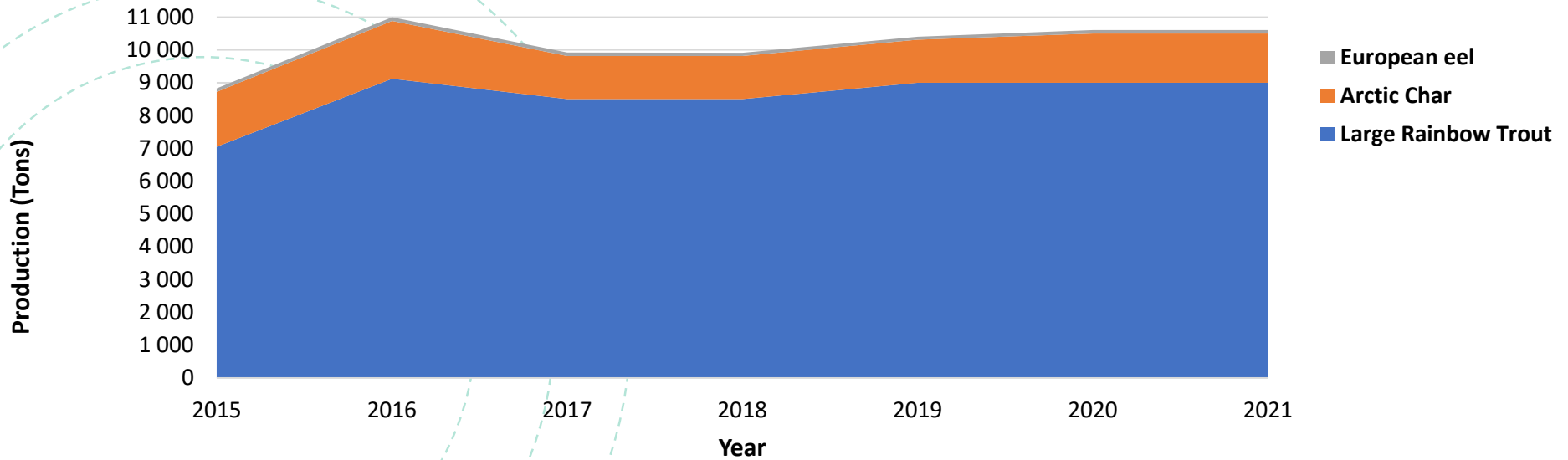




Sweden



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Large Trout	7,048	9,123	8,504	8,504	9,000	9,000	9,000
Arctic Char	1,675	1,760	1,310	1,310	1,310	1,500	1,500
European eel	104	117	105	100	96	110	110
Grand total	8,827	11,000	9,919	9,914	10,406	10,610	10,610



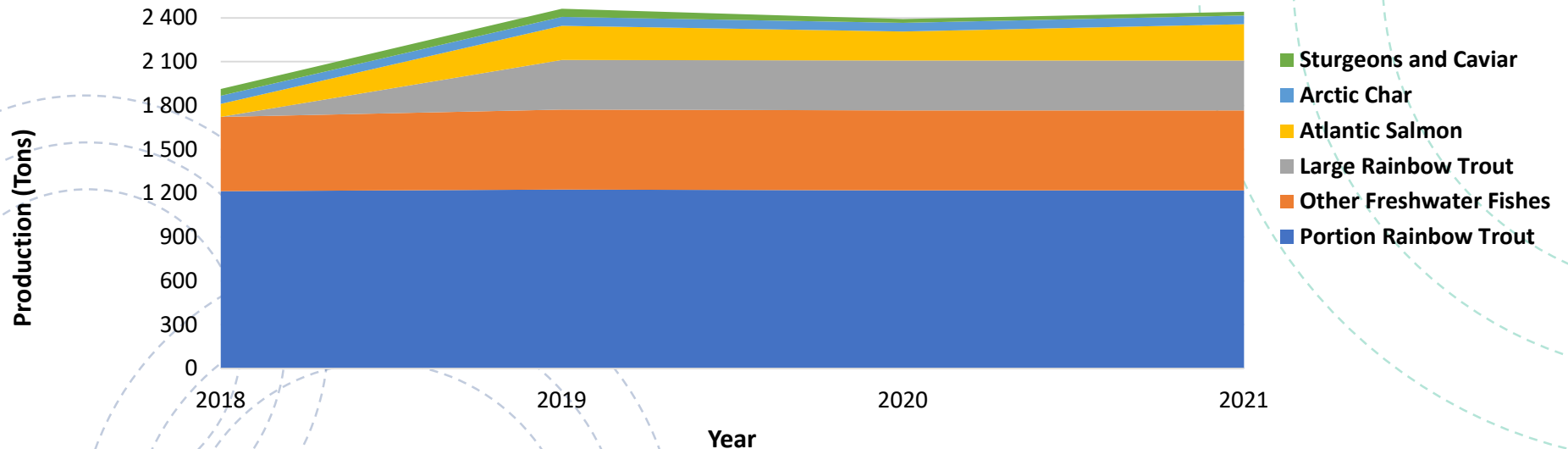


Switzerland



Production (Tons)	Year			
	2018	2019	2020	2021
Portion Rainbow Trout	1,213	1,224	1,219	1,219
Other Species*	509	548	548	548
Large Rainbow Trout	-	340	340	340
Atlantic salmon	89	234	200	250
Arctic Char	55	61	58	58
Sturgeons nei	47	56	27	27
Grand total	1,913	2,463	2,392	2,442

*other species include Tench, Perch, Pike-Perch, Roach, ...

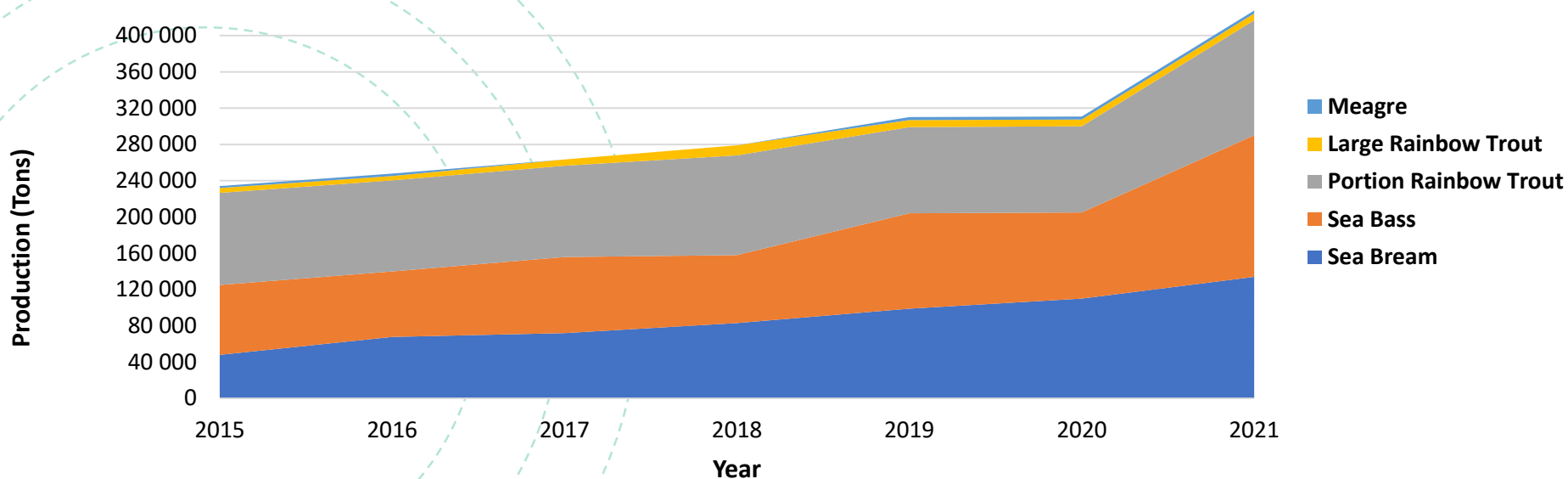




Turkey



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Portion Rainbow Trout	101,550	100,300	100,500	110,000	95,000	95,000	127,000
Sea Bass	77,000	72,342	84,000	75,000	105,000	95,000	156,000
Sea Bream	48,000	67,612	72,000	83,000	99,000	110,000	134,000
Large Rainbow Trout	5,450	5,000	7,000	11,000	8,000	7,500	7,500
Meagre	2,000	2,500	-	-	3,300	3,300	3,300
Grand total	234,000	247,754	263,500	279,000	310,300	310,800	427,800

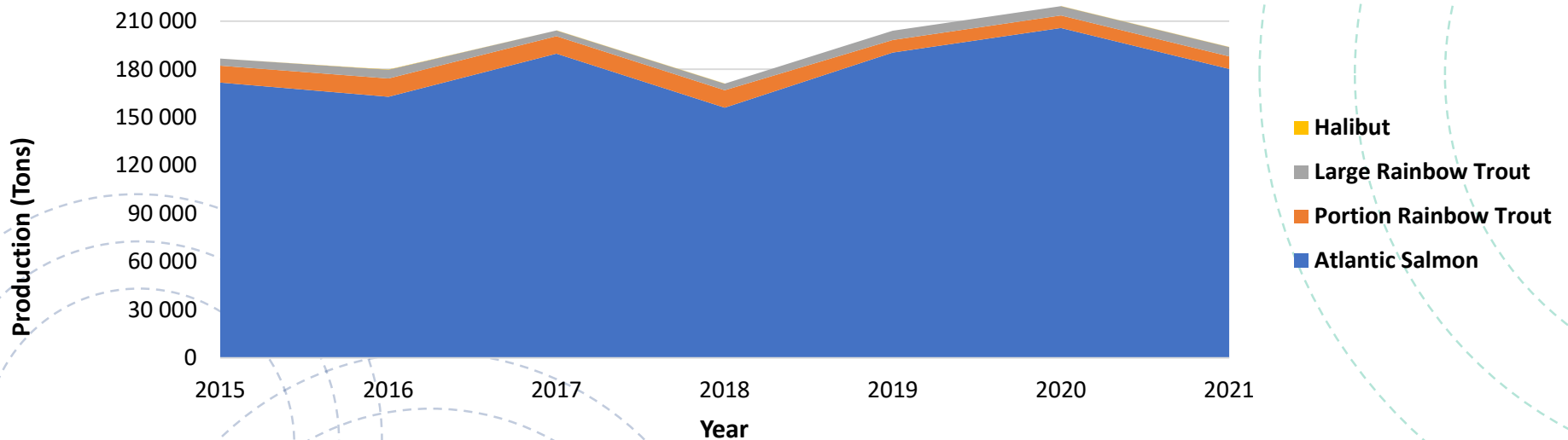




United Kingdom



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Atlantic salmon	171,722	162,817	189,707	156,025	190,499	205,776	180,300
Portion Rainbow Trout	10,500	11,500	11,000	11,000	7,750	7,750	7,750
Large Trout	4,500	5,500	3,500	4,000	5,800	5,800	5,800
Halibut	70	70	70	70	70	70	70
Grand total	186,792	179,887	204,277	171,095	204,119	219,396	193,920



FEAP Production Report per species



This FEAP Production report includes data on the following fish species reared in European aquaculture :



Atlantic salmon



European eel



Rainbow trout (large (>1,2kg) and portion-size (<1,2kg))



Sturgeon and caviar



Arctic Char



Sea bass (+ juveniles)



Halibut



Sea bream (+ juveniles)



Cod



Turbot



Common carp and other cyprinid species



Sole



Catfish species



Meagre



Bluefin Tuna

Production data some freshwater species have not been included due to the current lack of reliable data.

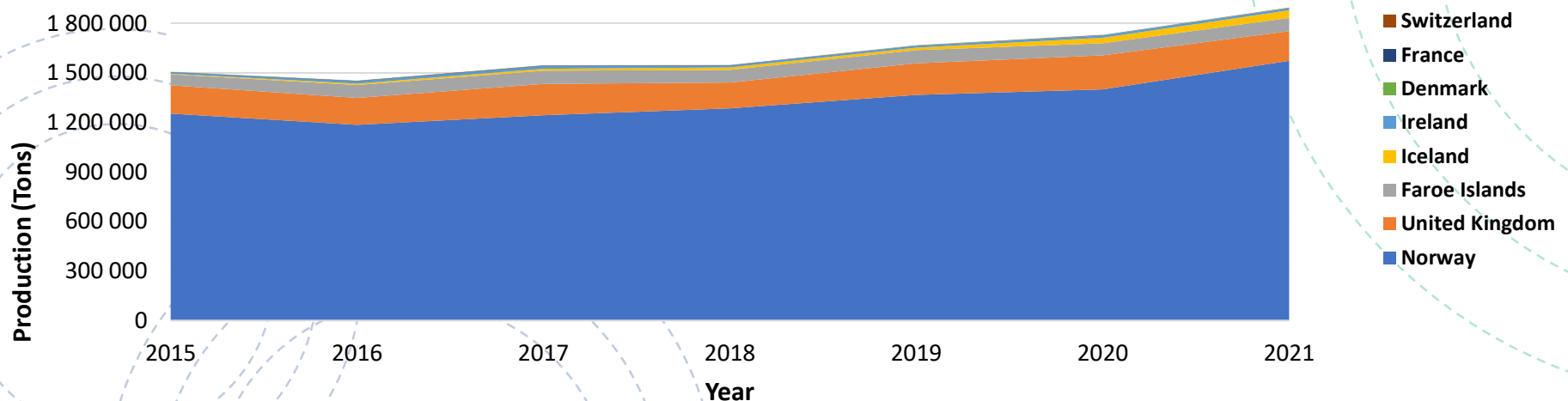


Atlantic Salmon

Salmo salar



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Norway	1,252,932	1,185,266	1,243,106	1,284,770	1,367,082	1,400,000	1,572,157
United Kingdom	171,722	162,817	189,707	156,025	190,499	205,776	180,300
Faroe Islands	66,089	78,000	80,000	77,863	80,000	72,918	80,000
Iceland	3,220	8,000	11,265	13,448	15,000	34,341	46,458
Ireland	11,000	16,300	19,305	11,984	11,600	13,400	13,400
Denmark	-	-	-	1,000	1,475	1,475	1,940
France	300	450	300	300	360	360	360
Switzerland	-	-	-	89	234	200	250
Grand total	1,505,263	1,450,833	1,543,683	1,545,479	1,666,250	1,728,935	1,894,865





Rainbow Trout (large)

Oncorhynchus mykiss

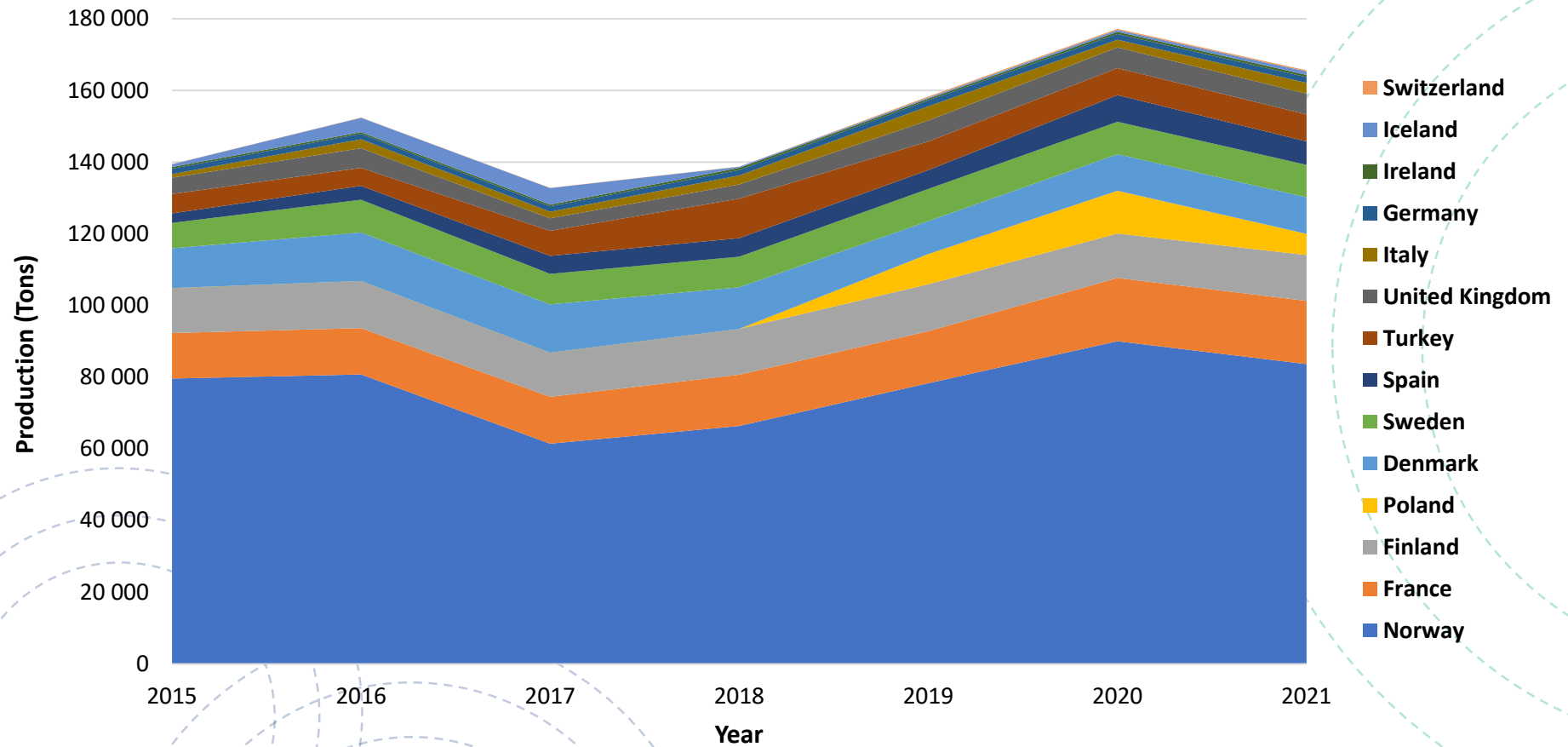


Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Norway	79,557	80,694	61,418	66,337	78,320	90,000	83,617
France	12,766	13,000	13,064	14,295	14,500	17,655	17,655
Finland	12,500	13,127	12,314	12,835	13,116	12,358	12,800
Denmark	11,115	13,500	13,500	11,599	9,188	10,203	10,203
Sweden	7,048	9,123	8,504	8,504	9,000	9,000	9,000
Turkey	5,450	5,000	7,000	11,000	8,000	7,500	7,500
Spain	2,678	3,900	5,025	5,185	5,250	7,500	6,591
Poland	-	-	-	-	8,400	12,000	5,918
United Kingdom	4,500	5,500	3,500	4,000	5,800	5,800	5,800
Italy	1,000	2,500	1,800	2,500	4,000	2,100	3,000
Germany	1,506	1,506	1,506	1,537	1,627	1,627	1,627
Iceland	728	4,000	4,628	295	299	490	951
Ireland	500	500	500	557	500	600	600
Switzerland	-	-	-	-	340	340	340
Grand total	139,348	152,350	132,759	138,644	158,340	177,173	165,602



Rainbow Trout (large)

Oncorhynchus mykiss





Rainbow Trout (portion)

Oncorhynchus mykiss

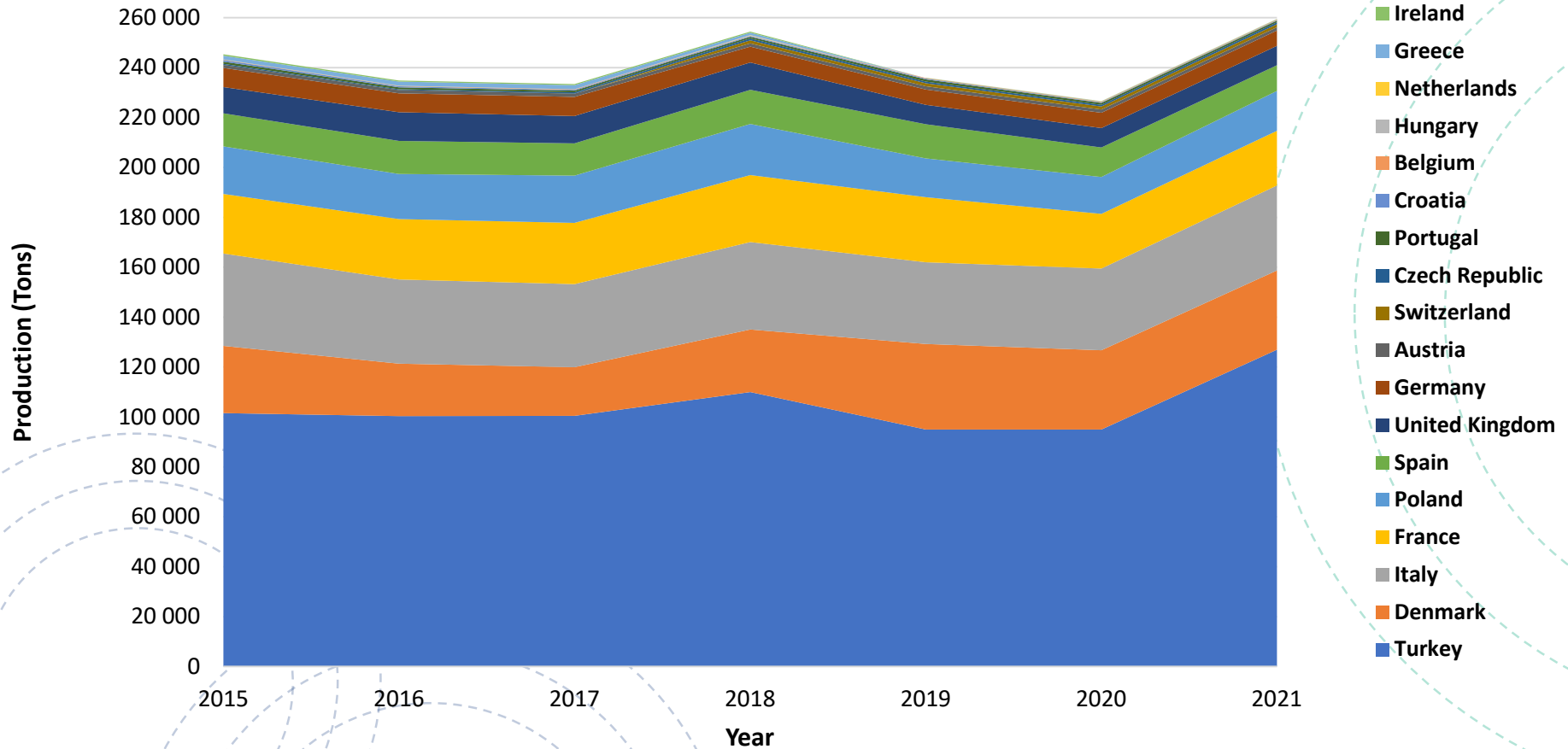


Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Turkey	101,550	100,300	100,500	110,000	95,000	95,000	127,000
Italy	37,000	33,800	33,300	35,000	32,800	32,700	34,000
Denmark	26,925	21,022	19,404	25,086	34,232	31,755	31,755
France	23,947	24,200	24,506	26,814	26,000	21,945	21,945
Poland	19,000	18,000	19,000	20,500	15,600	14,725	15,955
Spain	13,260	13,260	12,922	13,671	13,680	11,900	15,357
United Kingdom	10,500	11,500	11,000	11,000	7,750	7,750	7,750
Germany	7,642	7,642	7,642	6,315	6,315	6,158	6,158
Austria	1,277	1,277	1,277	1,277	1,277	1,277	1,277
Switzerland	-	-	-	1,213	1,224	1,219	1,219
Greece	1,611	1,611	1,611	1,000	-	-	-
Ireland	500	500	500	500	-	-	-
Portugal	890	676	665	655	939	660	660
Czech Republic	368	367	509	784	649	699	761
Croatia	679	467	395	370	300	300	258
Belgium	150	150	150	150	150	200	200
Hungary	42	67	54	99	76	76	74
Netherlands	-	-	-	40	-	40	40
Grand total	245,341	234,839	233,435	254,474	235,835	226,404	264,409



Rainbow Trout (portion)

Oncorhynchus mykiss



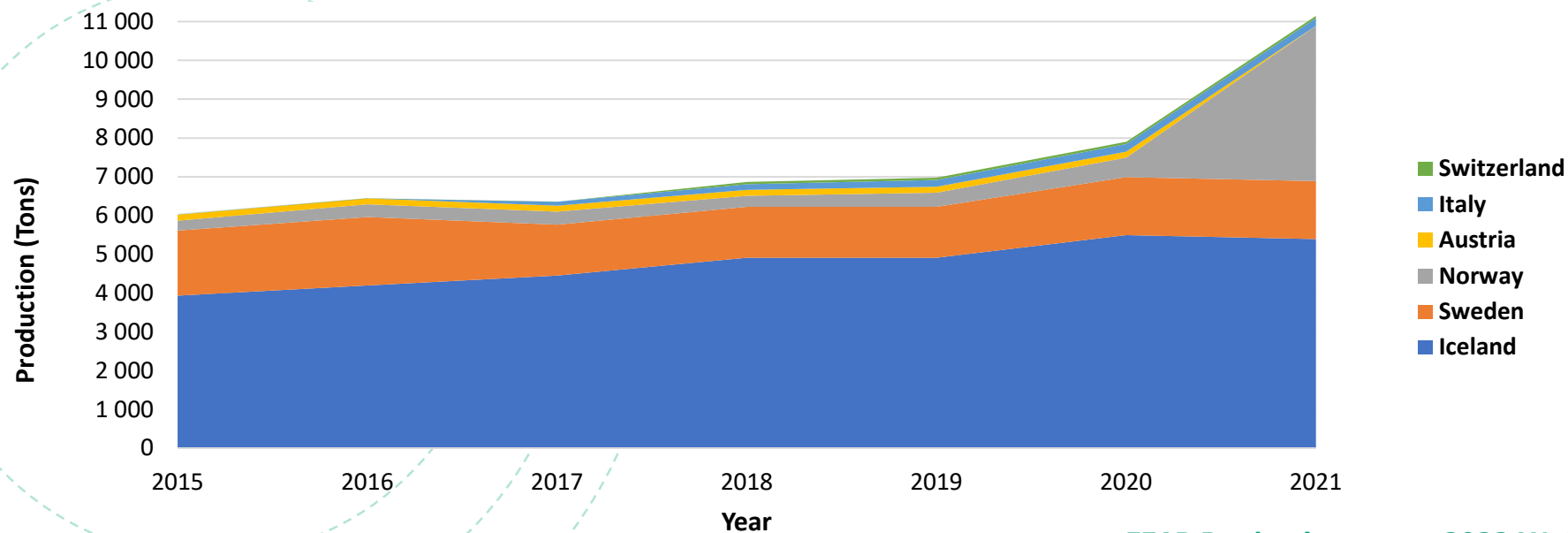


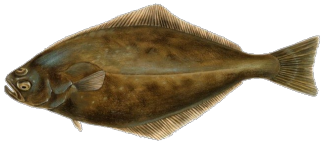
Arctic Char

Salvelinus Alpinus



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Iceland	3,937	4,200	4,454	4,914	4,914	5,493	5,390
Norway	257	330	339	285	365	500	4,000
Sweden	1,675	1,760	1,310	1,310	1,310	1,500	1,500
Italy	-	-	100	150	175	200	200
Austria	151	151	151	151	151	151	151
Switzerland	-	-	-	54,9	61	58	58
Grand total	6,020	6,441	6,354	6,865	6,976	7,902	11,148



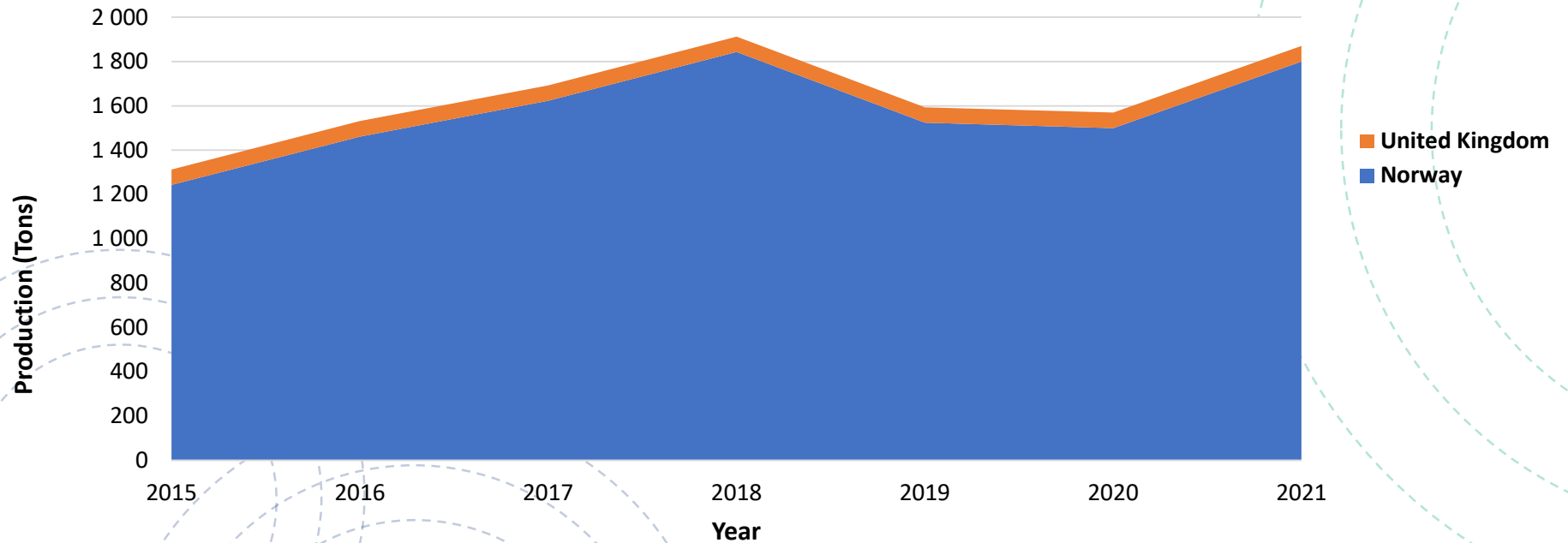


Halibut

Hippoglossus hippoglossus



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Norway	1,243	1,461	1,623	1,843	1,524	1,500	1,800
United Kingdom	70	70	70	70	70	70	70
Grand total	1,313	1,531	1,693	1,913	1,594	1,570	1,870



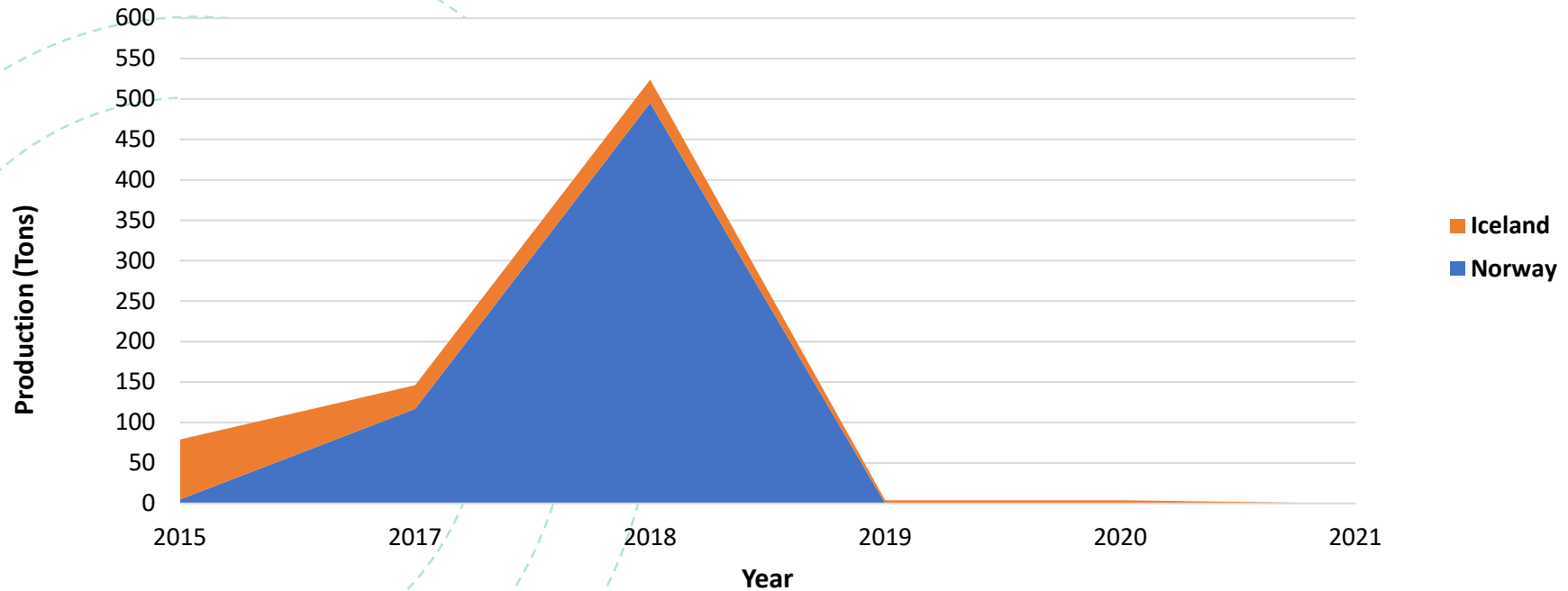


Cod

Gadus morhua



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Norway	5	-	117	495	-	-	-
Iceland	74	-	29	29	4	4	-
Grand total	79	-	146	524	4	4	0



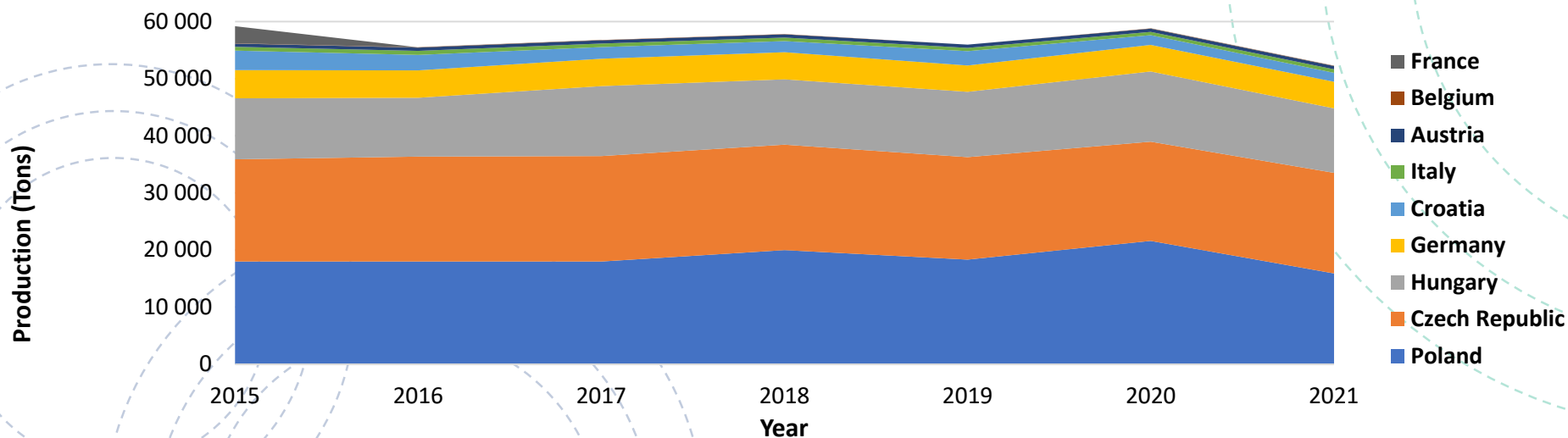


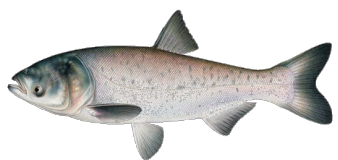
Common Carp

Cyprinus carpio



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Czech Republic	17,860	18,354	18,460	18,430	17,945	17,370	17,616
Poland	18,000	18,000	18,000	20,000	18,300	21,600	15,880
Hungary	10,725	10,321	12,240	11,462	11,436	12,300	11,309
Germany	4,916	4,800	4,800	4,746	4,641	4,641	4,641
Croatia	3,401	2,698	2,039	1,959	2,500	1,691	1,585
Italy	700	700	600	600	550	600	600
Austria	573	573	573	573	573	573	573
Belgium	35	35	35	35	35	40	40
France	3,000	-	-	-	-	-	-
Grand total	59,210	55,481	56,747	57,805	55,980	58,815	52,244



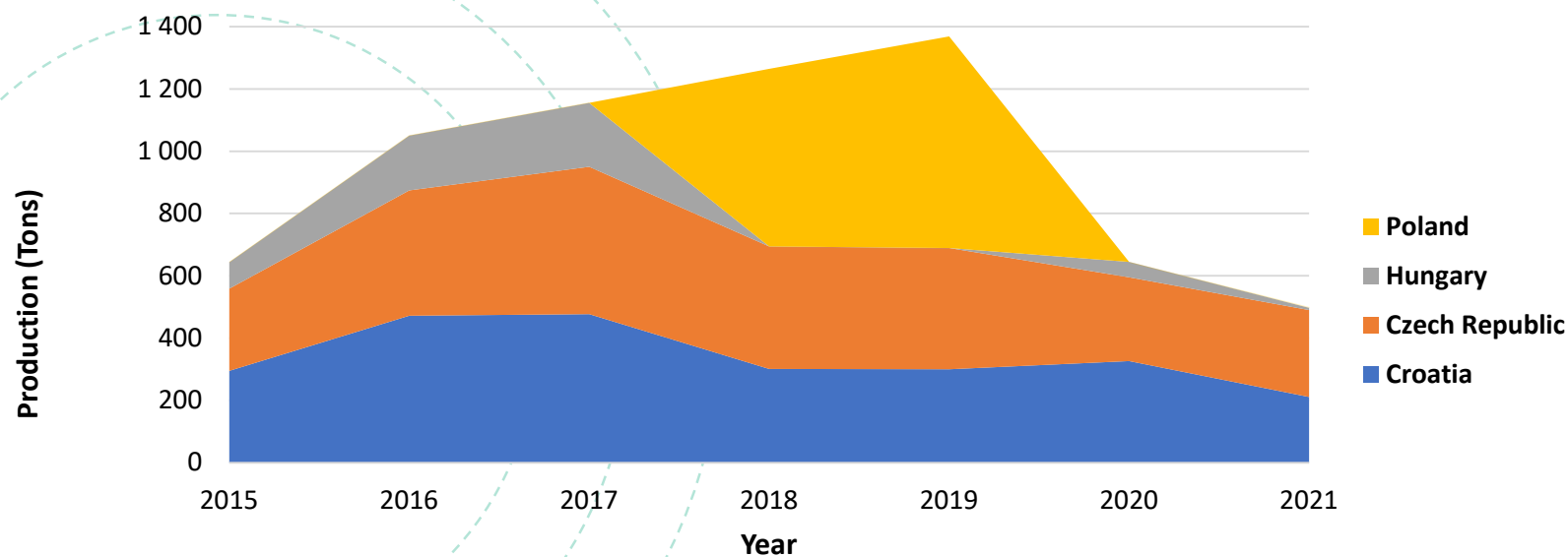


Bighead Carp

Hypophthalmichthys nobilis



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Croatia	295	472	477	301	300	326	211
Czech Republic	264	402	473	393	389	269	279
Hungary	85	176	205	-	-	50	7
0-Poland	-	-	-	570	680	-	-
Grand total	644	1050	1155	1,264	1,369	645	497



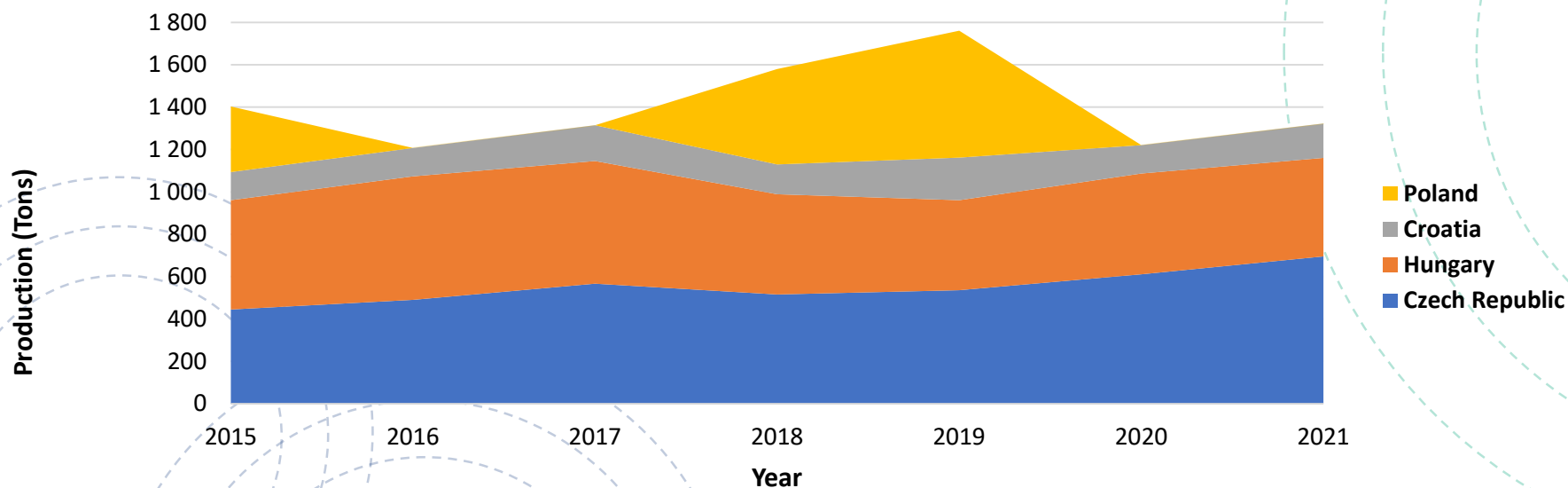


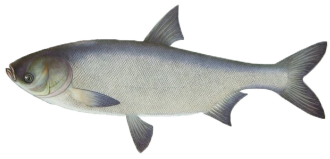
Grass Carp

Ctenopharyngodon idella



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Czech Republic	445	490	567	515	536	611	695
Hungary	516	583	579	474	425	476	465
Croatia	132	134	169	141	200	133	136
Poland	310	-	-	450	600	-	-
Grand total	1,403	1,207	1,315	1,580	1,761	1,220	1,323



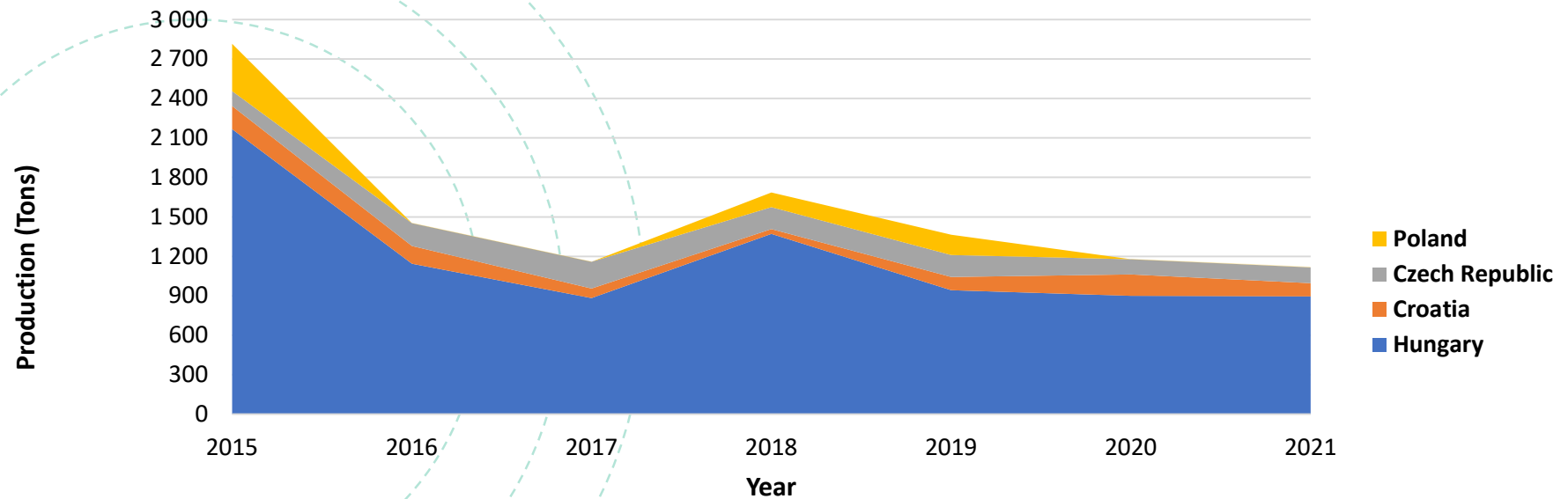


Silver Carp

Hypophthalmichthys molitrix



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Hungary	2,168	1,144	883	1,370	943	900	896
Czech Republic	113	172	203	168	167	115	119
Croatia	174	135	73	36	100	162	100
Poland	360	-	-	112	155	-	-
Grand total	2,815	1,451	1,159	1,686	1,365	1,177	1,115



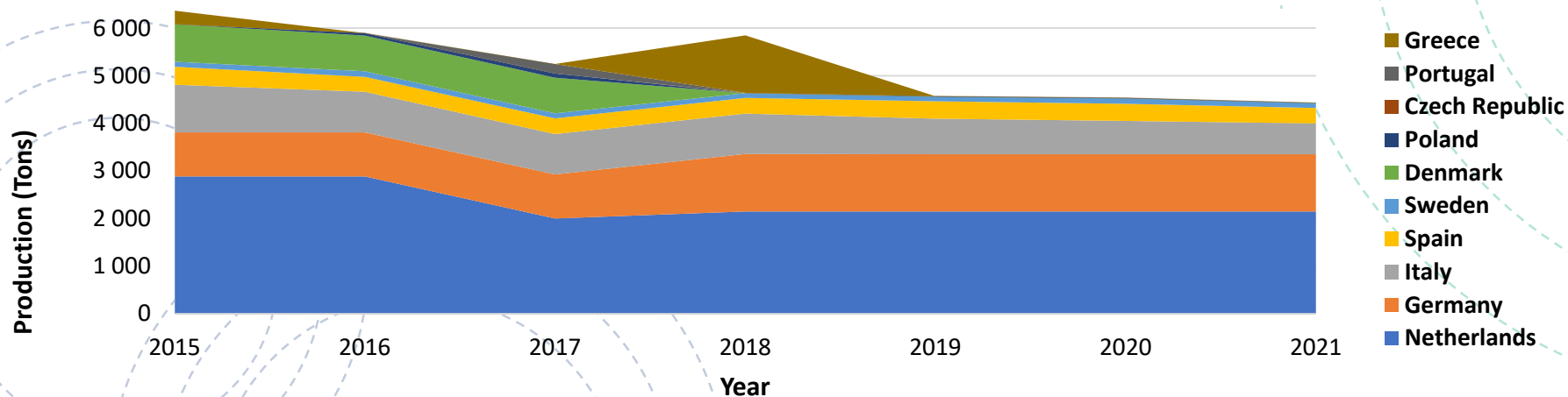


European Eel

Anguilla anguilla



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Netherlands	2,885	2,885	2,000	2,150	2,150	2,150	2,150
Germany	927	927	927	1,207	1,202	1,202	1,202
Italy	1,000	850	850	850	750	700	650
Denmark	789	750	750	-	-	-	-
Spain	380	315	330	330	360	360	320
Portugal	-	-	200	-	-	-	-
Sweden	104	117	105	100	96	110	110
Poland	-	51	86	1	11	11	-
Czech Republic	-	-	2	1	-	-	-
Greece	285	-	-	1,207	-	-	-
Grand total	6,370	5,895	5,250	5,846	4,569	4,533	4,432

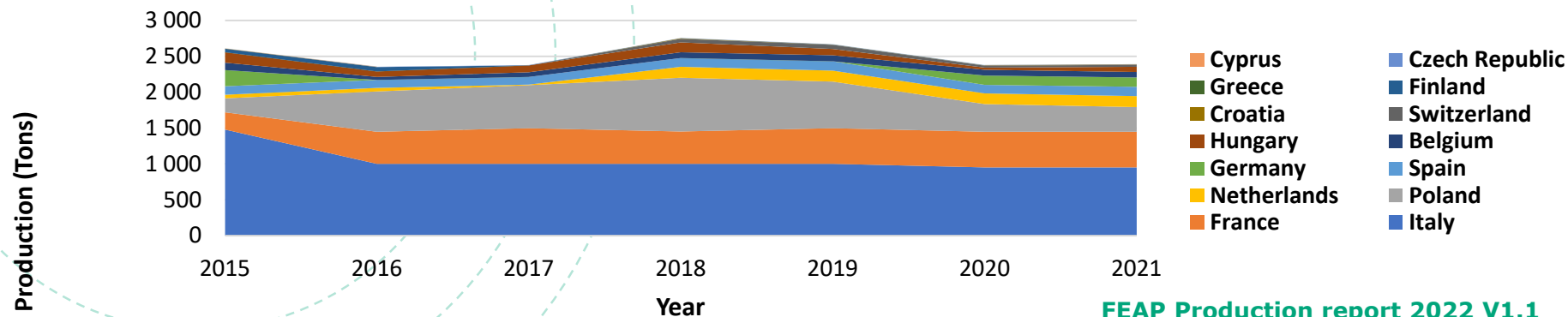




Sturgeon spp. *Acipenser spp.* and *Huso spp.*



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Italy	1,480	1,000	1,000	1,000	1,000	950	950
Poland	193	560	600	750	650	384	344
France	241	450	500	453	500	500	500
Spain	120	110	110	125	132	120	173
Hungary	142	76	97	139	87	28	71
Finland	50	60	-	-	-	-	-
Netherlands	50	50	5	150	150	150	150
Belgium	105	45	62	80	85	80	80
Czech Republic	-	2	2	-	-	-	-
Cyprus	-	1	2	-	-	-	-
Switzerland	-	-	-	47	56	27	27
Croatia	-	-	-	7	5	5	5
Germany	225	-	-	-	-	130	130
Grand total	2,606	2,354	2,378	2,751	2,665	2,374	2,430





Sturgeon spp. (caviar)

Acipenser spp. and Huso spp.



Production (Tons)	Year					
	2016	2017	2018	2019	2020	2021
Italy	38	51	52	53	50	55
France	30	37	45	33	33	33
Poland	15	20	24	28	27	42
Germany	15	16	20	22	21	21
Bulgaria*	7	8	6	10	9	
Belgium	3	4	5	6	7	7
Moldova*	-	3	3	5	5	
Romania*	-	3	3	4	4	
Spain	6	5	7	3	3	4
Finland	4	4	5	3	3	
Latvia*	-	3	3	3	3	
Switzerland	1	2	3	2	2	2
Austria*	-	1	1	2	2	
Belarus*	-	2	5	2	2	
Ukraine*	-	2	-	2	2	
Hungary	3	2	1	1	1	1
Netherlands	2	1	2	1	1	
Greece	-	2	1	1	1	
Grand total	124	165	185	181	176	

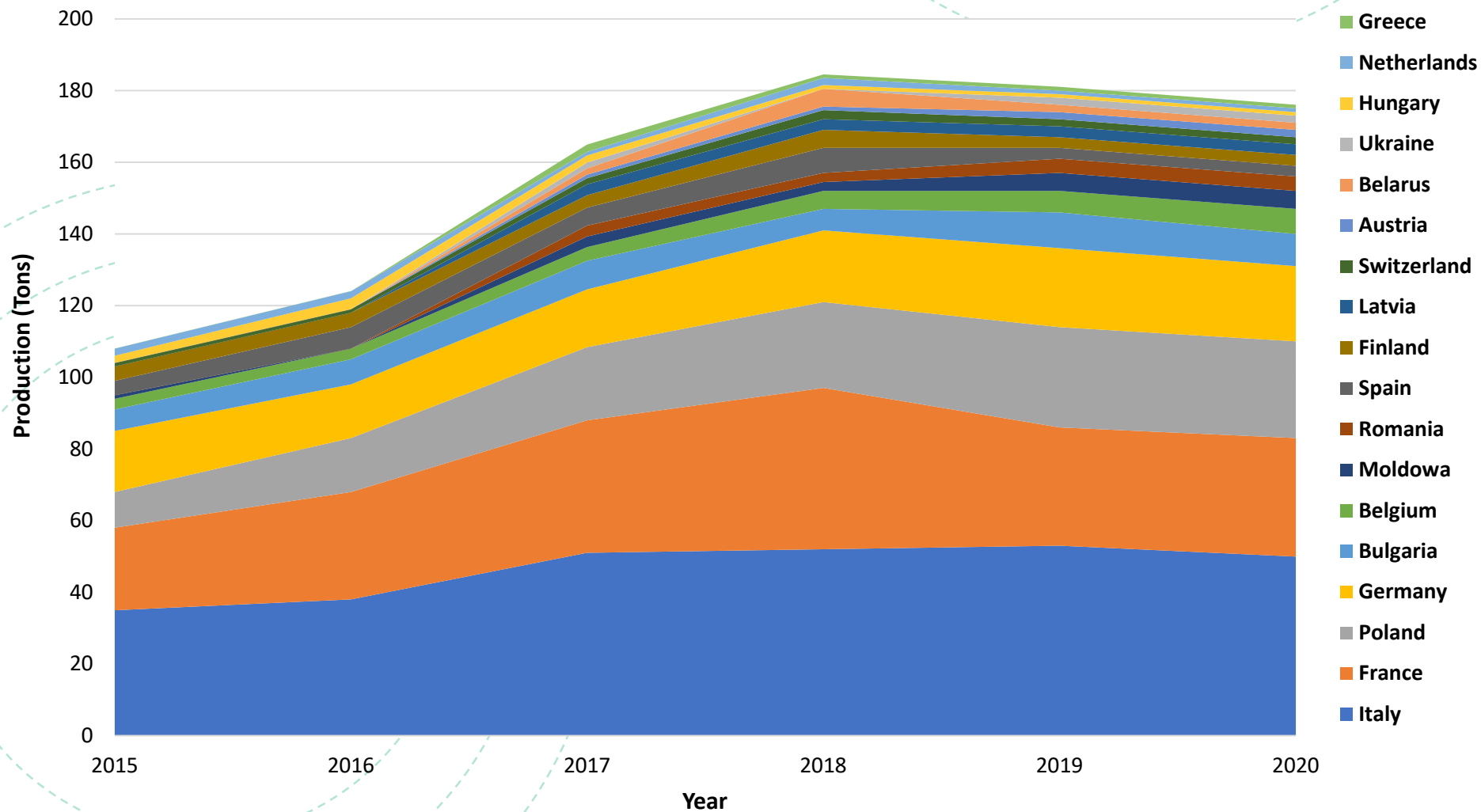
*Not FEAP members

Sources : Member associations and WSCS (World Sturgeon Conservation Society)



Sturgeon spp. (caviar)

Acipenser spp. and *Huso spp.*



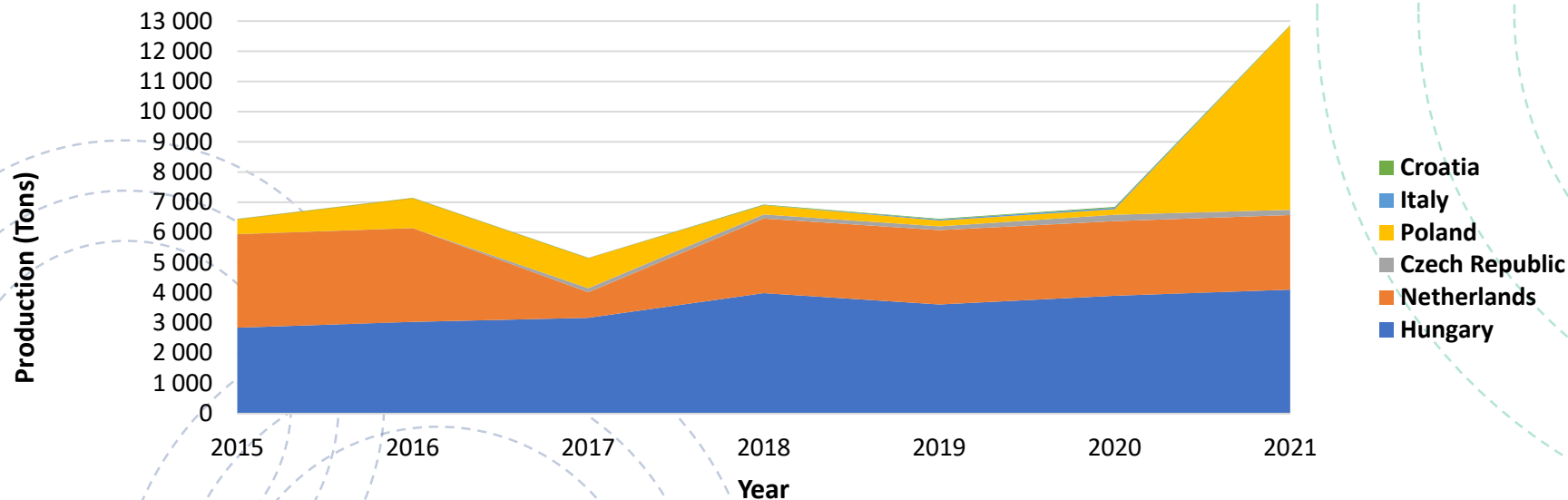


African Catfish

Clarias gariepinus



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Hungary	2,840	3,039	3,174	3,987	3,610	3,900	4,108
Poland	500	1,000	1,000	300	185	185	6,100
Netherlands	3,100	3,100	847	2,470	2,470	2,470	2,470
Czech Republic	-	-	130	142	125	212	170
Croatia	-	-	-	20	20	32	19
Italy	-	-	-	-	40	50	-
Grand total	6,440	7,139	5,151	6,919	6,450	6,849	12,867





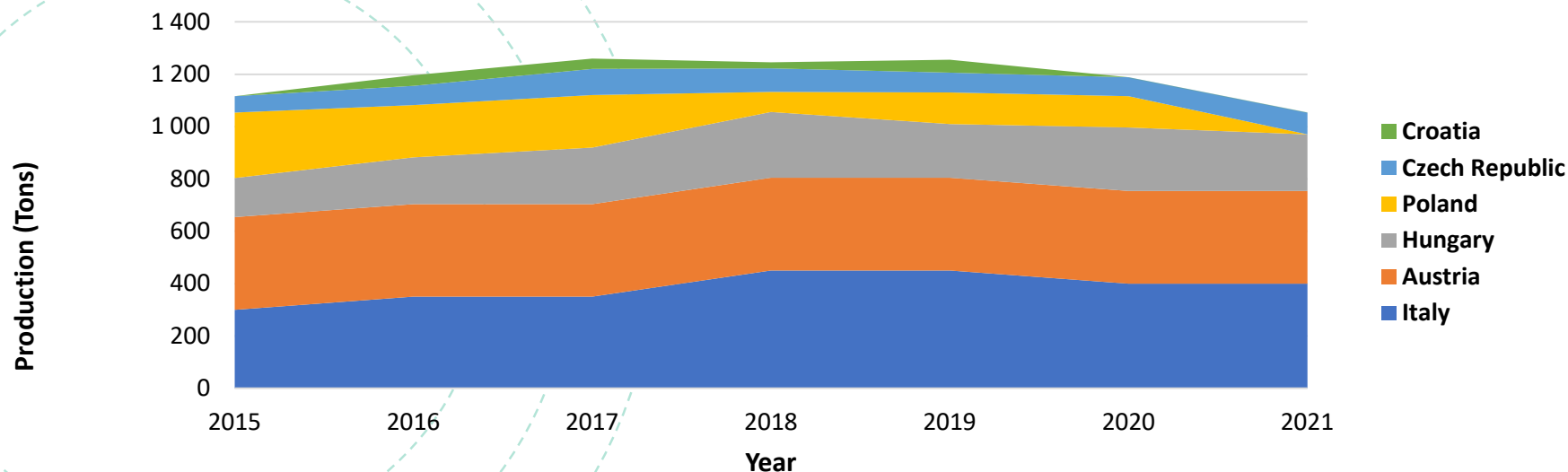
Wels Catfish (+ Channel Catfish)

Silurus glanis (+ *Ictalurus punctatus*)



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Austria	354	354	354	354	354	354	354
Italy*	300	350	350	450	450	400	400
Hungary	149	178	216	252	206	242	216
Poland	250	200	200	76	120	120	-
Czech Republic	63	74	100	91	76	73	84
Croatia	-	40	40	23	50	-	-
Grand total	1,116	1,196	1,260	1,246	1,256	1,189	1,054

*Channel Catfish and also includes a small quota of Black Bullhead Catfish (*Ameiurus melas*)



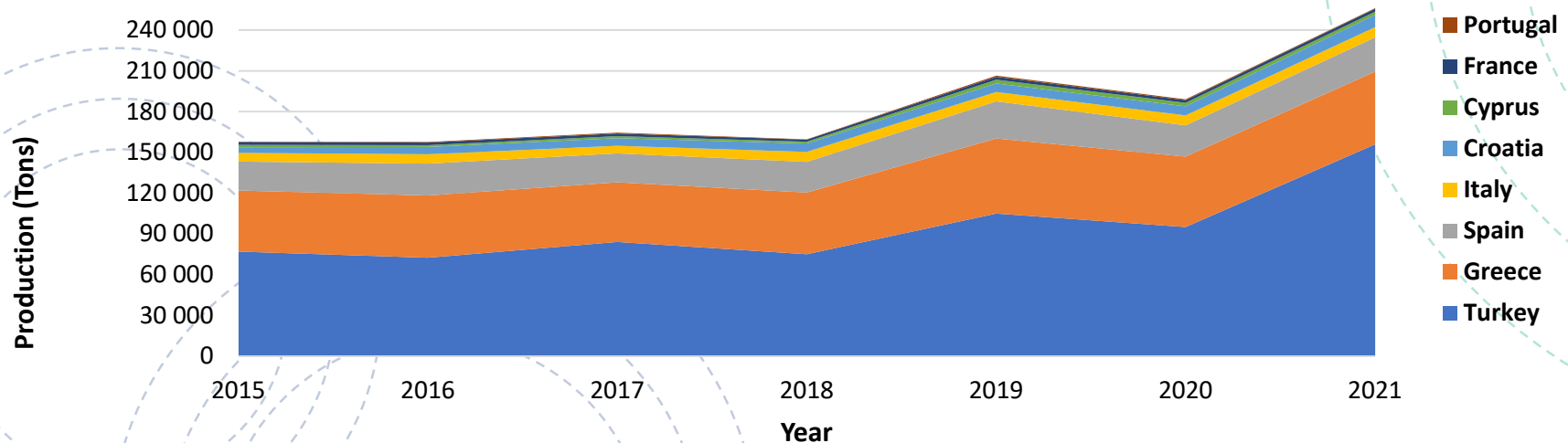


European Seabass

Dicentrarchus labrax



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Turkey	77,000	72,342	84,000	75,000	105,000	95,000	156,000
Greece	45,000	46,000	44,000	45,500	55,200	52,000	53,500
Spain	21,324	23,445	21,269	22,460	27,335	22,886	23,924
Italy	6,450	6,800	5,600	7,300	7,000	7,400	7,500
Croatia	4,075	5,310	5,616	6,220	6,089	6,637	8,967
France	1,980	1,928	1,945	1,433	2,123	2,100	2,500
Cyprus	1,725	1,442	1,500	1,500	2,836	2,500	2,128
Portugal	297	427	701	200	882	500	500
Grand total	157,851	157,694	164,631	159,613	206,465	189,023	255,019



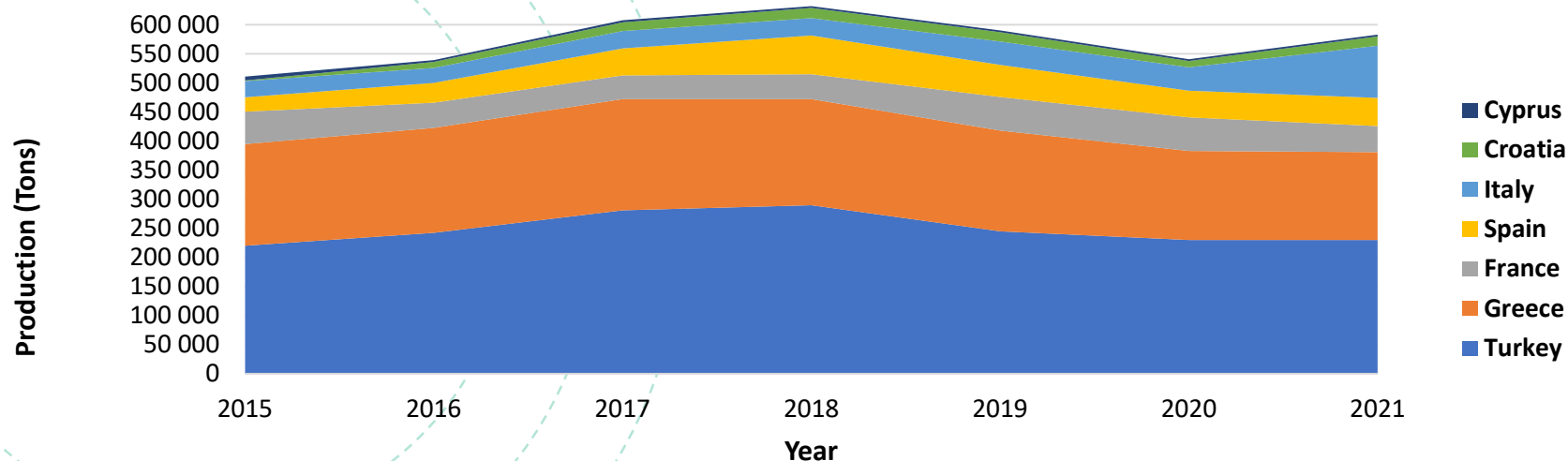


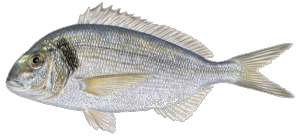
European Seabass (juveniles)

Dicentrarchus labrax



Production (Thousands of units)	Year						
	2015	2016	2017	2018	2019	2020	2021
Turkey	220,000	242,500	281,000	290,000	245,000	230,000	230,000
Greece	175,000	180,000	191,000	182,000	173,000	153,000	151,000
France	55,575	43,437	40,994	42,753	57,777	58,000	44,794
Spain	24,903	34,129	46,109	66,569	55,244	45,784	48,330
Italy	27,500	26,000	30,000	30,000	40,000	40,000	90,000
Croatia	1,000	10,000	15,000	17,500	16,000	11,000	16,000
Cyprus	6,964	3,301	3,500	3,000	3,000	3,000	3,000
Grand total	510,942	539,367	607,603	631,822	590,021	540,784	583,124



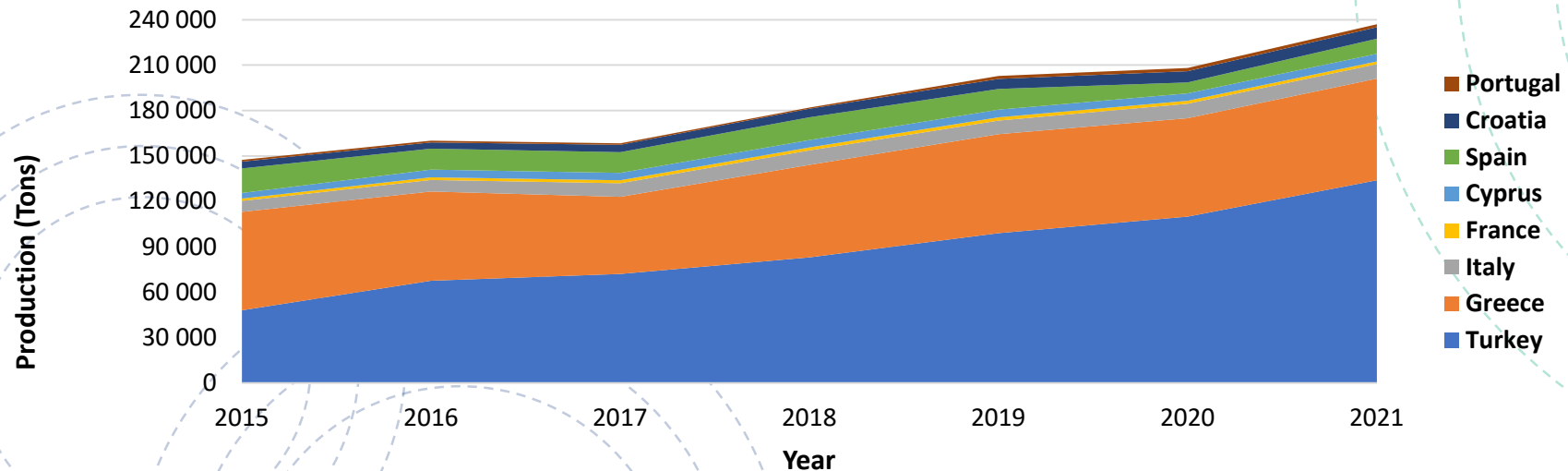


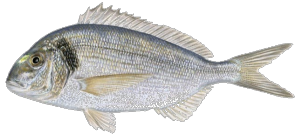
Gilthead Sea Bream

Sparus aurata



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Turkey	48,000	67,612	72,000	83,000	99,000	110,000	134,000
Greece	65,000	59,000	51,000	61,000	65,300	65,000	67,000
Spain	16,231	13,740	13,643	14,930	13,521	7,170	9,632
Italy	7,360	7,600	9,000	9,700	9,100	9,400	9,600
Cyprus	3,656	5,136	5,000	5,000	5,168	5,000	5,000
Croatia	4,488	4,101	4,830	5,591	6,774	7,451	7,519
France	1,502	1,671	1,853	1,879	2,081	2,000	1,881
Portugal	1,099	1,196	1,038	898	1,953	2,000	2,000
Grand total	147,336	160,056	158,364	181,998	202,897	208,021	236,632



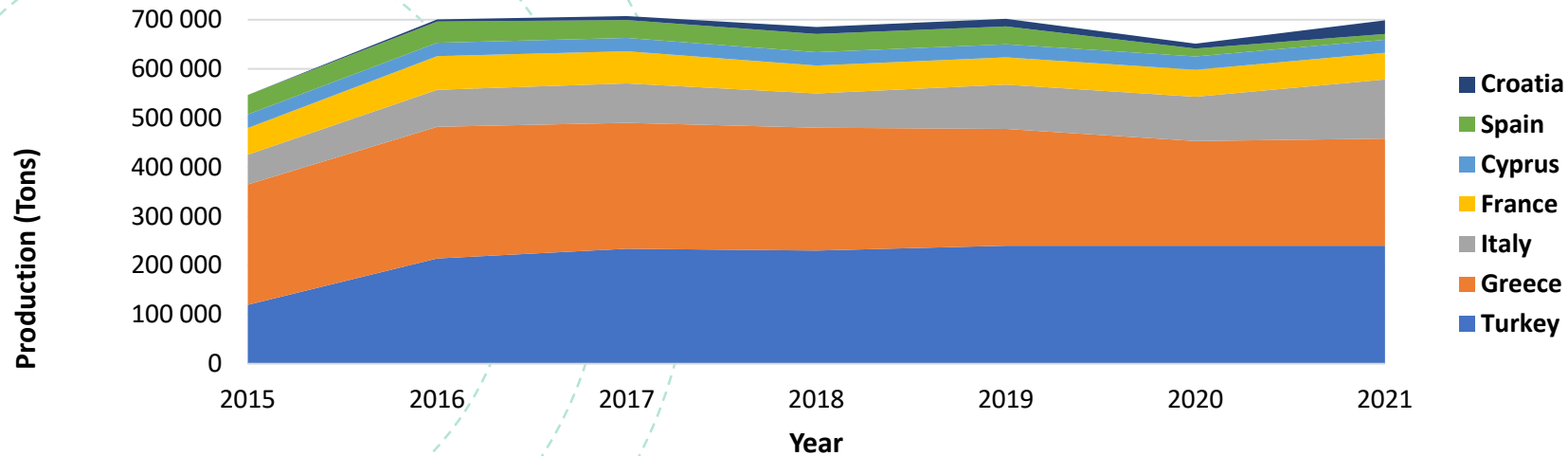


Gilthead Sea Bream (juveniles)

Sparus aurata



Production (Thousands of units)	Year						
	2015	2016	2017	2018	2019	2020	2021
Turkey	120,000	214,000	234,000	230,000	240,000	240,000	240,000
Greece	245,000	268,000	256,000	250,000	238,000	213,000	218,000
Italy	60,000	75,000	80,000	70,000	90,000	90,000	120,000
France	54,510	68,783	65,624	56,600	55,115	55,115	54,417
Cyprus	27,927	27,190	27,200	27,000	27,000	27,000	27,000
Spain	39,250	43,254	36,629	37,475	36,396	16,029	11,130
Croatia	-	4,000	8,000	14,200	15,000	10,000	28,000
Grand total	546,687	700,227	707,453	685,275	701,511	651,144	698,547



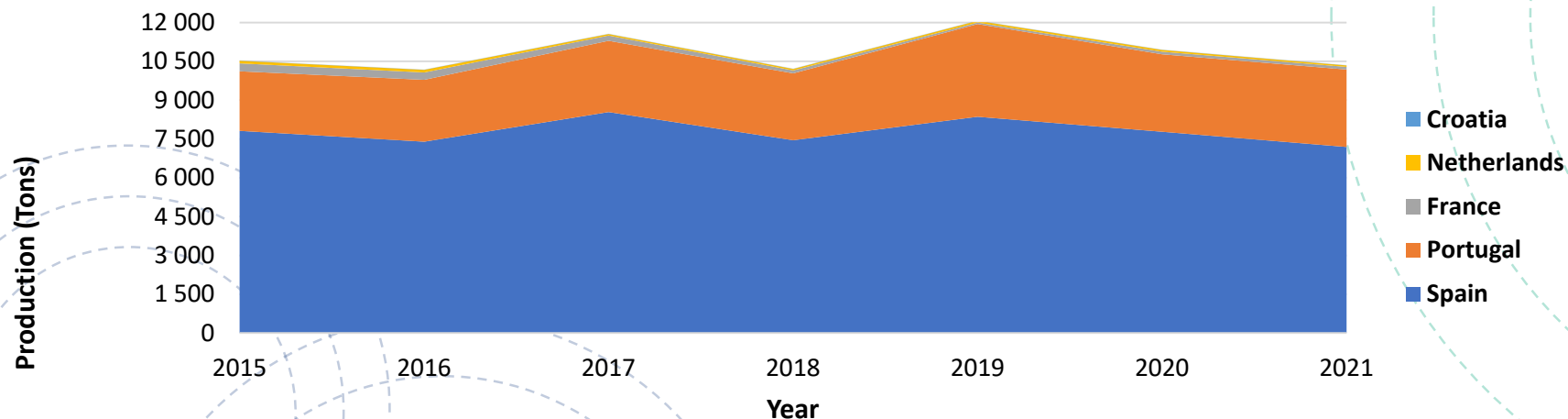


Turbot

Scophthalmus maximus



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Spain	7,815	7,396	8,546	7,450	8,358	7,780	7,629
Portugal	2,302	2,388	2,745	2,582	3,580	3,000	3,000
France	303	288	207	116	65	100	100
Netherlands	100	100	60	60	60	60	60
Croatia	8	1	-	-	-	-	-
Grand total	10,528	10,173	11,558	10,208	12,063	10,940	10,789



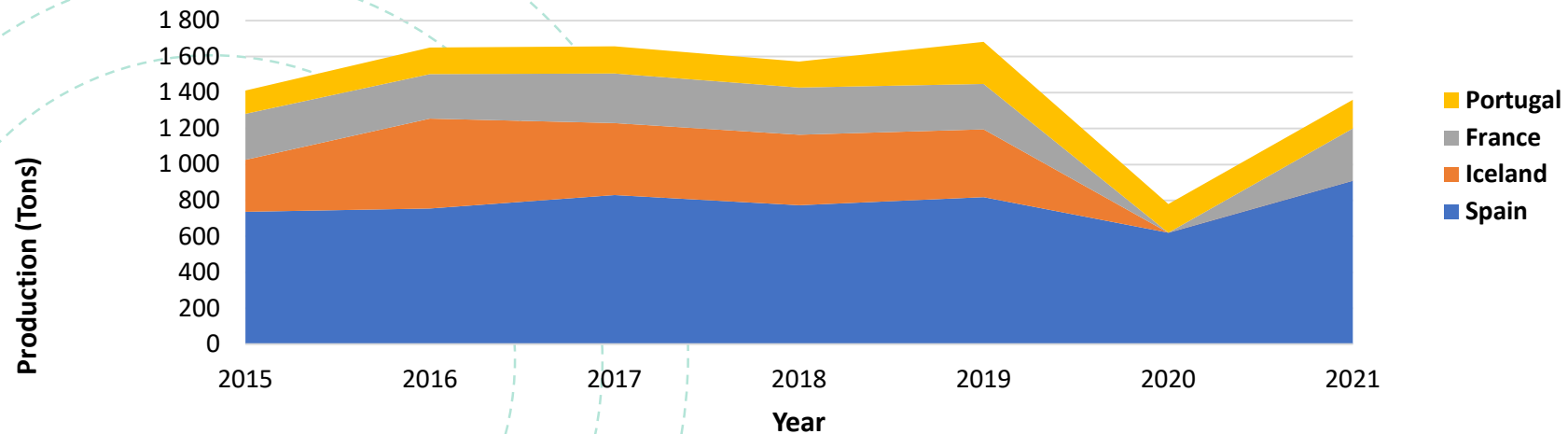


Sole

Solea solea and *Solea senegalensis*



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Spain	736	755	830	774	818	620	1,020
Iceland	290	500	400	391	377	-	-
France	256	248	276	262	253	-	291
Portugal	130	147	151	145	234	160	160
Grand total	1,412	1,650	1,657	1,572	1,682	780	1,471



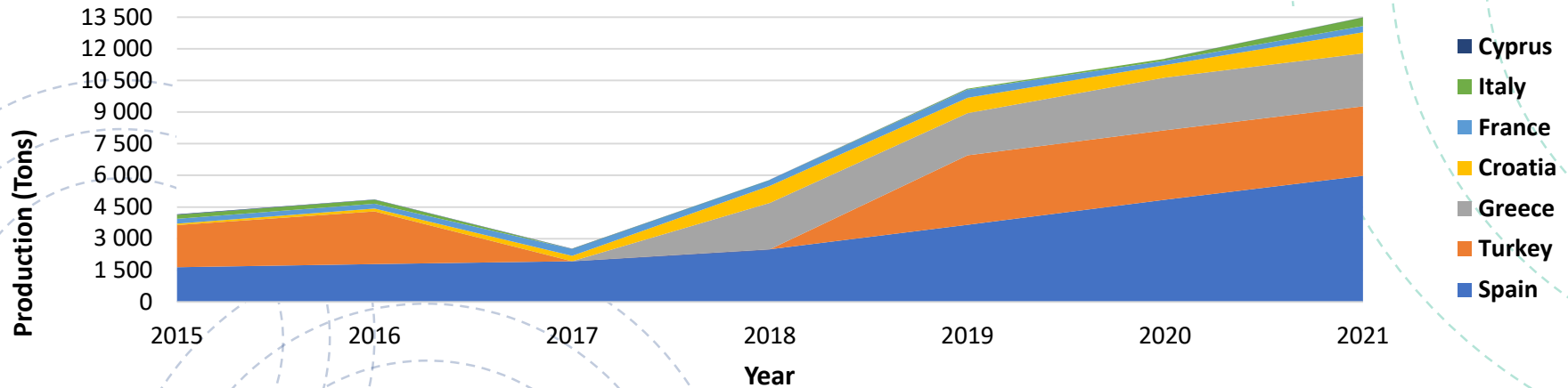


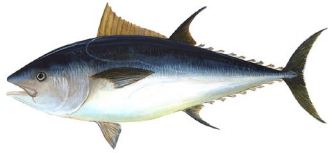
Meagre

Argyrosomus regius



Production (Tons)	Year						
	2015	2016	2017	2018	2019	2020	2021
Spain	1,642	1,798	1,932	2,500	3,650	4,840	6,167
Turkey	2,000	2,500	-	-	3,300	3,300	3,300
France	226	236	326	289	390	200	304
Italy	190	190	-	-	50	100	400
Croatia	67	125	253	808	725	593	999
Cyprus	28	10	10	-	-	-	-
Greece	-	-	-	2,200	2,000	2,500	2,500
Grand total	4,153	4,859	2,521	5,797	10,115	11,533	13,670






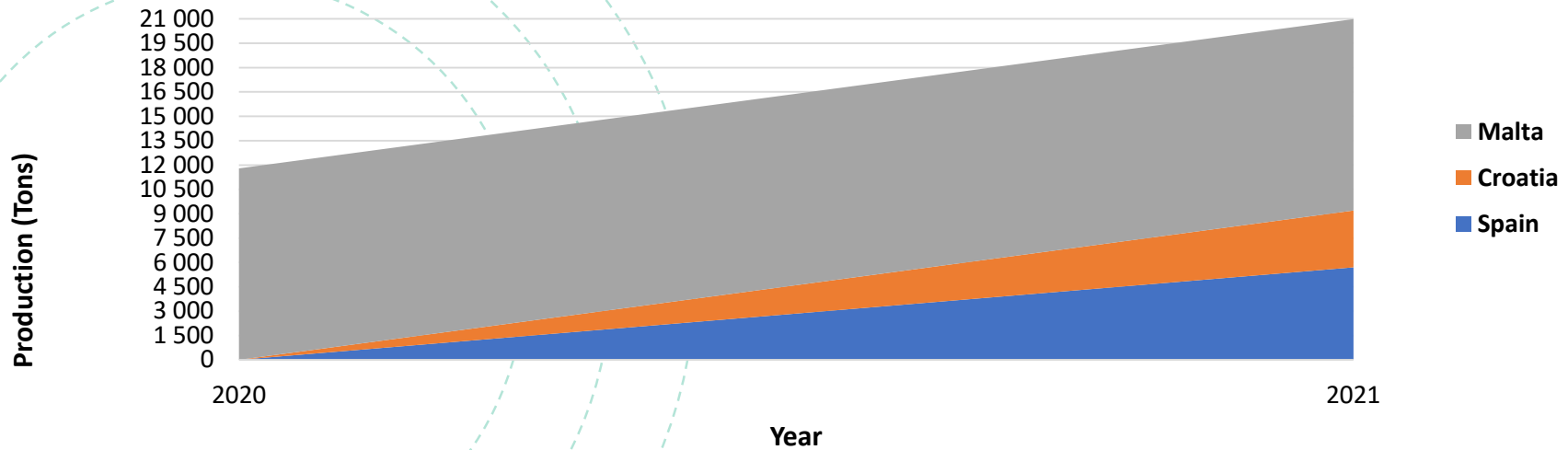


Bluefin Tuna

Thunnus thynnus



Production (Tons)	Year	
	2020	2021
 Malta	11,790	11,790
 Spain		4,500
 Croatia		3,500
Grand total		19,790





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