DiscardLess Stakeholders conference

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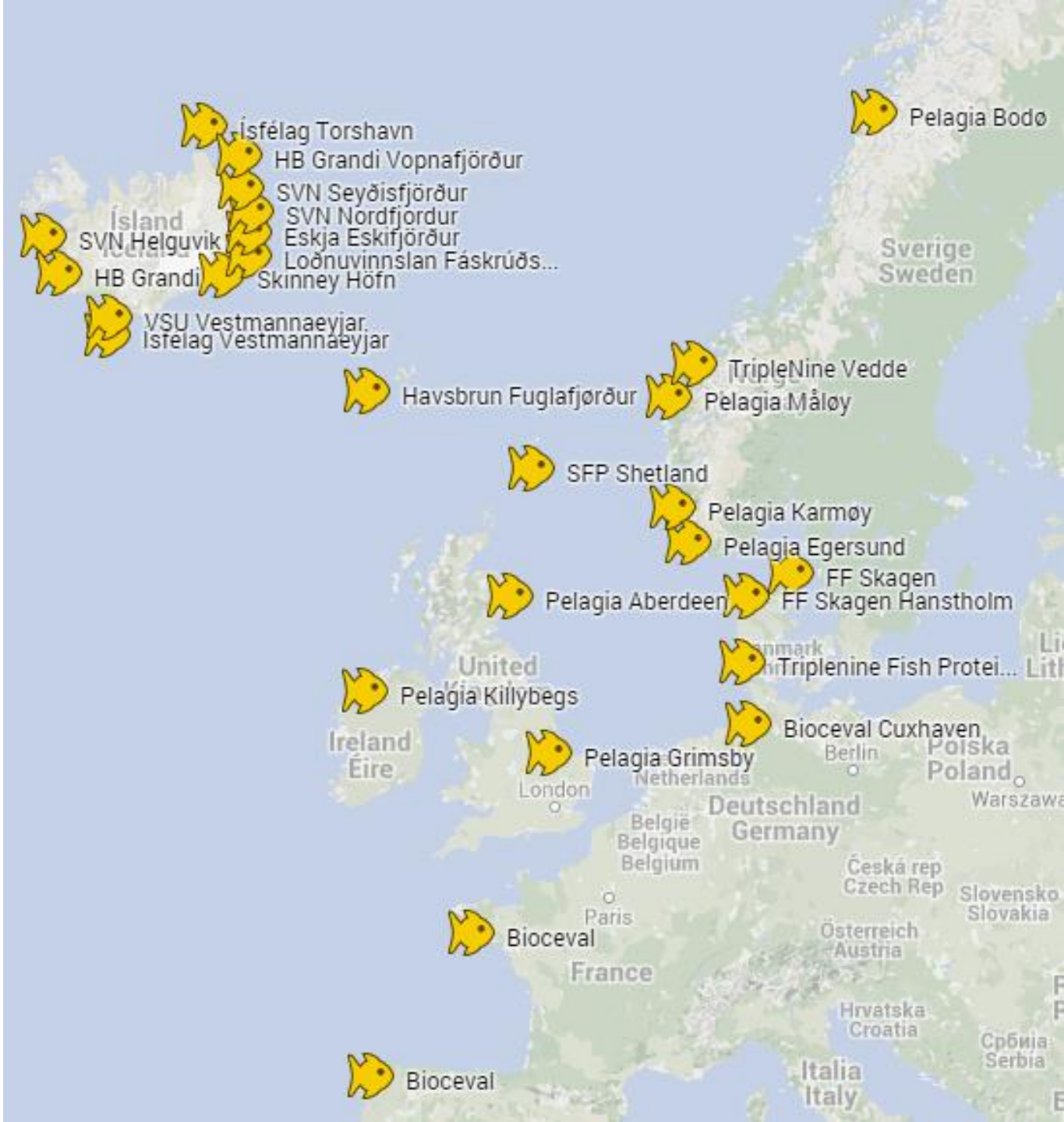
Members

Countries:
Denmark
Germany
UK
Ireland
Iceland
Faroe Islands
Norway

Groups:
Marine Ingredients Denmark
Saria
UK fishmeal Association
Pelagia Killybegs
Iceland Fishmeal Association
Havsbrún P/F
Sjømat Norge

Non-producing associated members:
Sildesalgslaget
GEA
Alfa Laval
Hedinn
Haarslev Industries

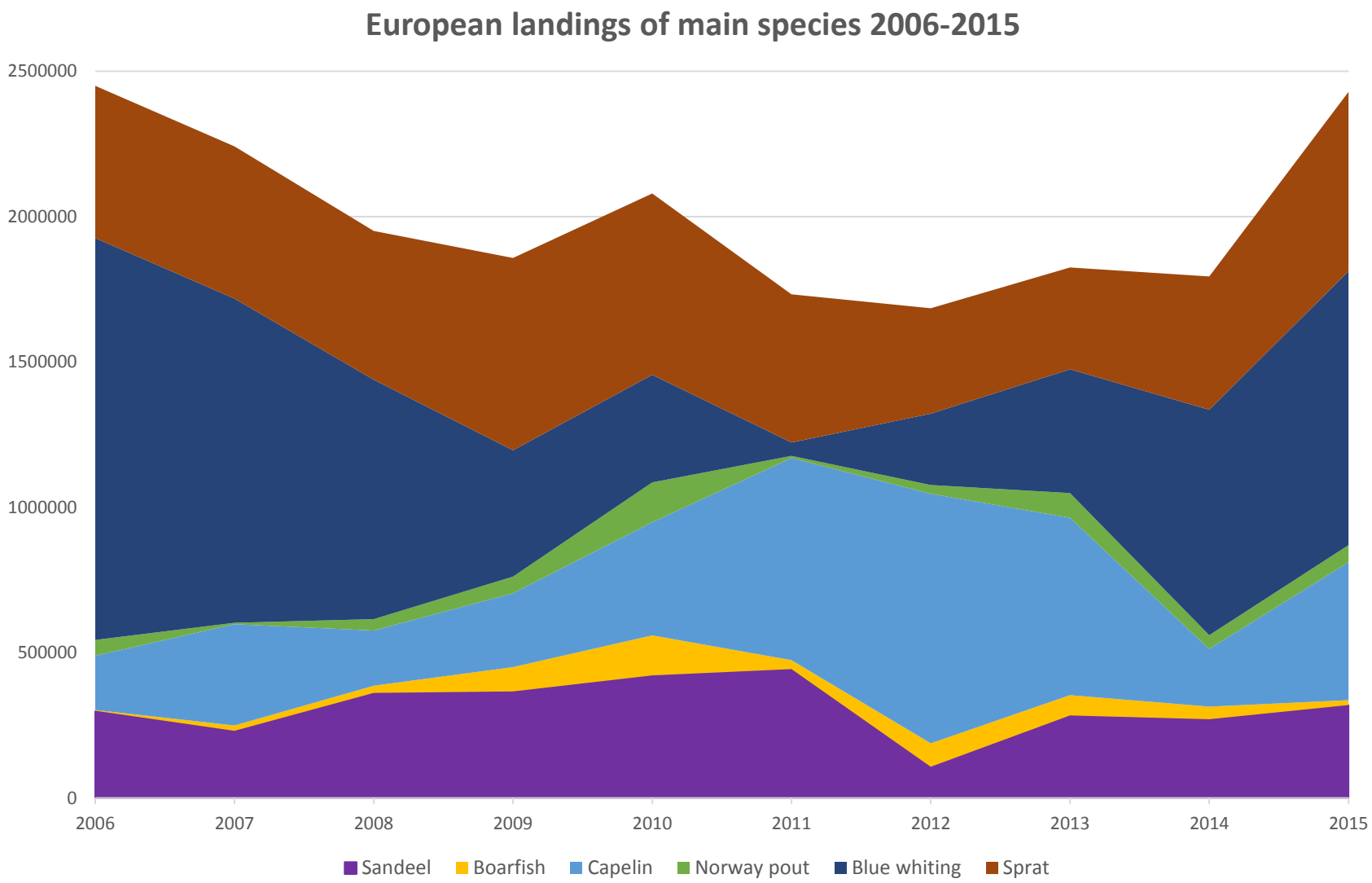
European fishmeal and fish oil factories



Fishmeal and fish oil production 2015

YEAR 2015	FISHMEAL	FISHOIL	MEAL+Oil	FISH LANDINGS
Denmark	206.568	55.422	261.990	996.507
Germany	20.934	12.823	33.757	108.032
Ireland	14.482	3.757	18.239	72.228
United FISH	23.470	8.194	31.664	117.061
Shetland	1.448	1.807	3.255	11.755
Faroe	49.343	7.854	57.197	235.014
Iceland	153.300	49.001	202.301	781.337
Norway	131.973	26.496	158.469	709.732
SUM	**601.518**	**165.354**	**766.872**	**3.031.666**

Resources


European landings of main species 2006-2015
2500000
2000000
1500000
1000000
500000
0
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
Sandeel
Boarfish
Capelin
Norway pout
Blue whiting
Sprat

Utilizing raw material

The fillet yield for most fish species varies between 30% and 65% of the mass of the fish and

Opportunities in using fish that don't meet the criteria for human consumption

No change in raw material supplies after pelagic and Baltic Sea discard ban

FISH OIL PRODUCTION (TONNES ,000)

Region	From Whole fish	From By-product	Total	% from By Product
Europe	101	90	191	47
Asia (exc China)	103	44	146	30
China	48	16	64	25
M East	8	2	10	24
CIS	16	4	20	20
Africa	28	9	37	24
S. America	304	50	353	14
N. America	71	20	91	22
Oceania	0.5	4	4	89
Totals	678	240	918	26

FISHMEAL PRODUCTION (TONNES ,000)

Region	From Whole fish	From By-product	Total	% from By Product
Europe	320	381	701	54
Asia (exc China)	580	454	1,034	44
China	281	152	433	35
M East	42	13	55	23
CIS	57	27	84	32
Africa	146	60	206	29
S. America	1,532	289	1,821	16
N. America	170	118	288	41
Oceania	2	14	16	85
Totals	3,131	1,508	4,639	33