

# Welcome remarks by EUfishmeal



Johannes Palsson, President of EUfishmeal

Monday August 29<sup>th</sup>, Hirtshals



# Members

## **Countries:**

Denmark

Germany

UK

Ireland

Iceland

Faroe Islands

Norway

## **Members:**

Marine Ingredients Denmark

Saria

UK fishmeal Association

Pelagia Killybegs

Iceland Fishmeal Association

Havsbrún P/F

Sjømat Norge

## **Non-producing associated members:**

Sildesalgslaget

GEA

Haarslev Industries

Alfa Laval



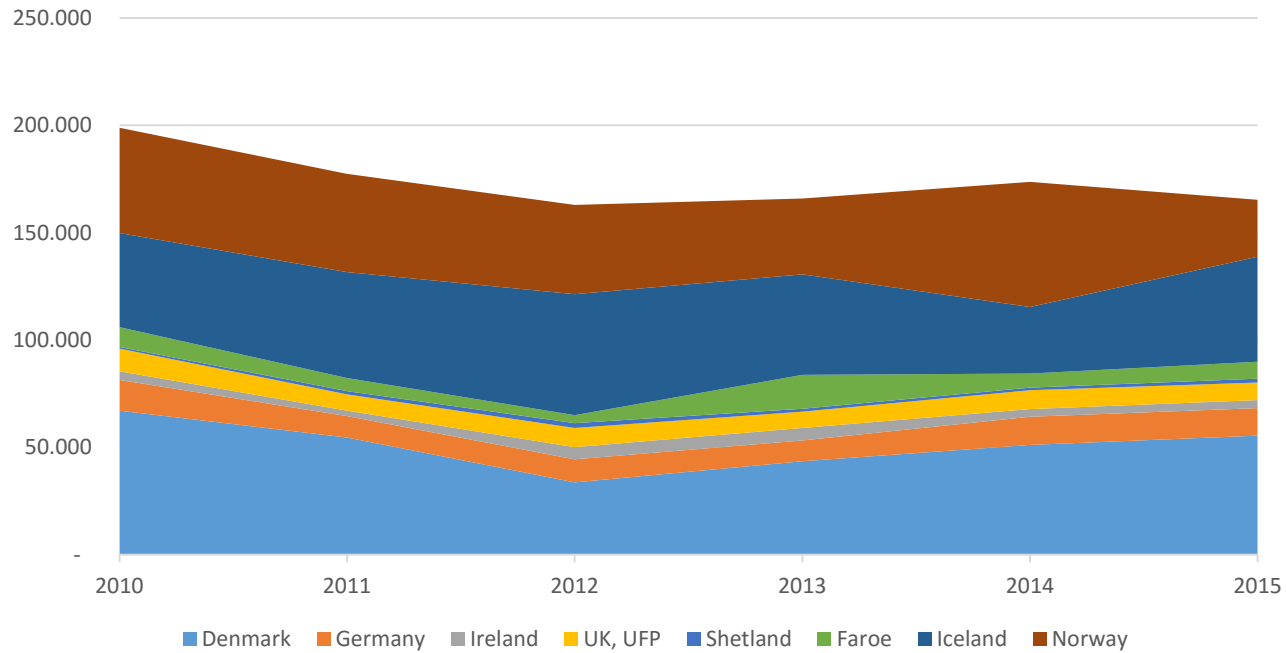
# European fishmeal and fish oil factories



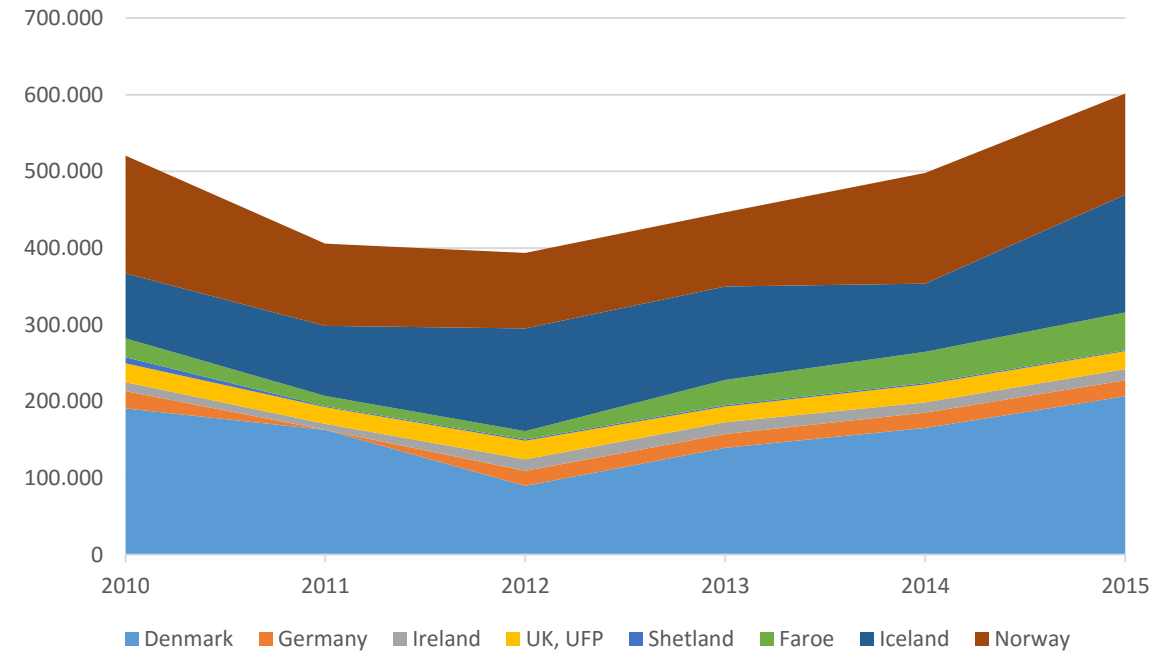


# Fishmeal and fish oil production in 2015

Fish Oil Production 2010-2015, t



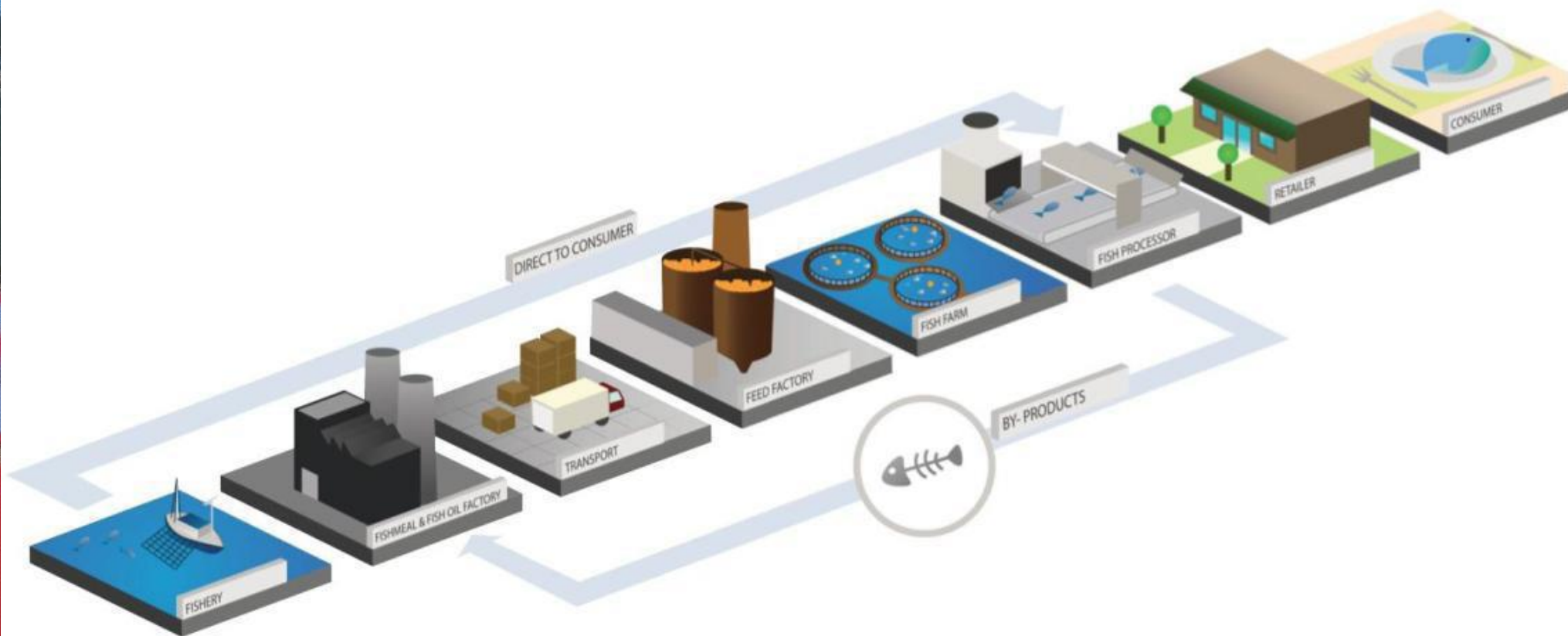
Fishmeal Production 2010-2015, t







# The link between fishery and feed production

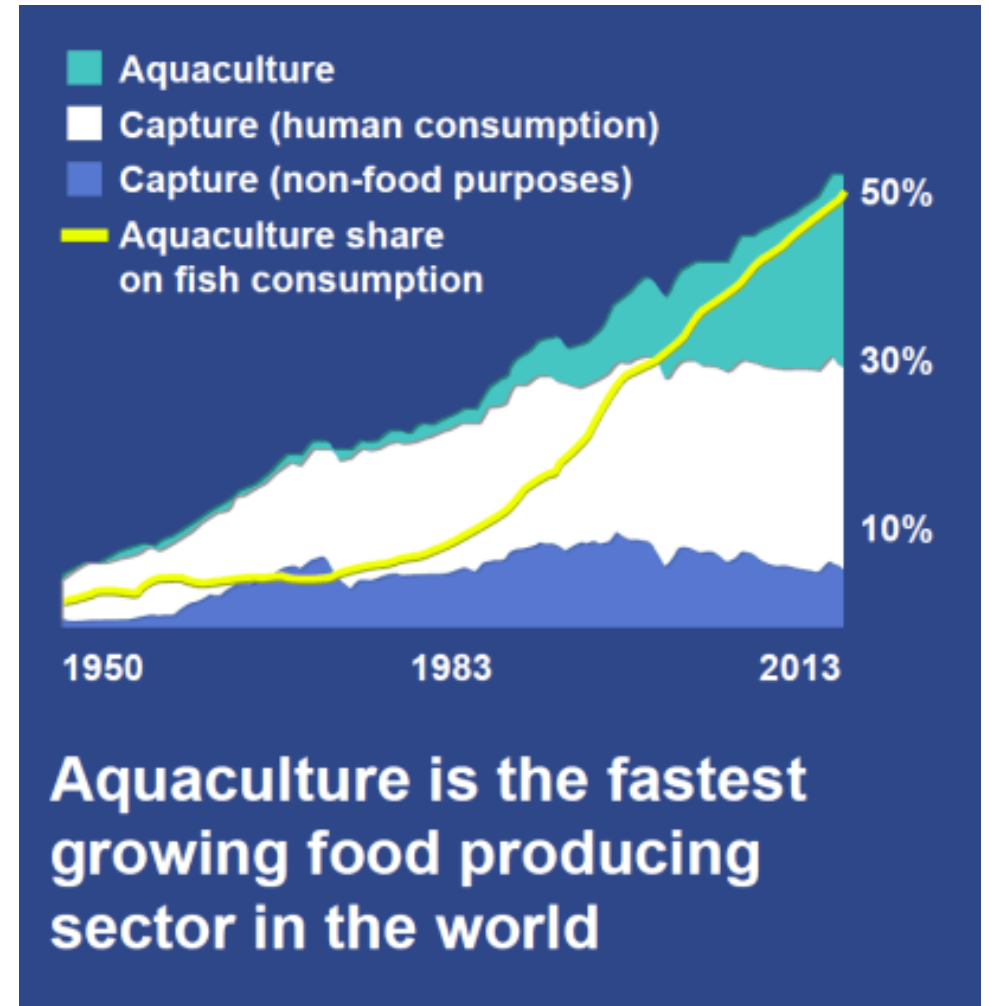




# A strategic ingredient

Providing all essential amino acids, minerals, phospholipids and fatty acids (DHA and EPA) to aquaculture feed

Future availability of marine ingredients is essential for an increase in aquaculture







# Raw Material and Quotas

Sustainability

Stability

Knowledge

Management

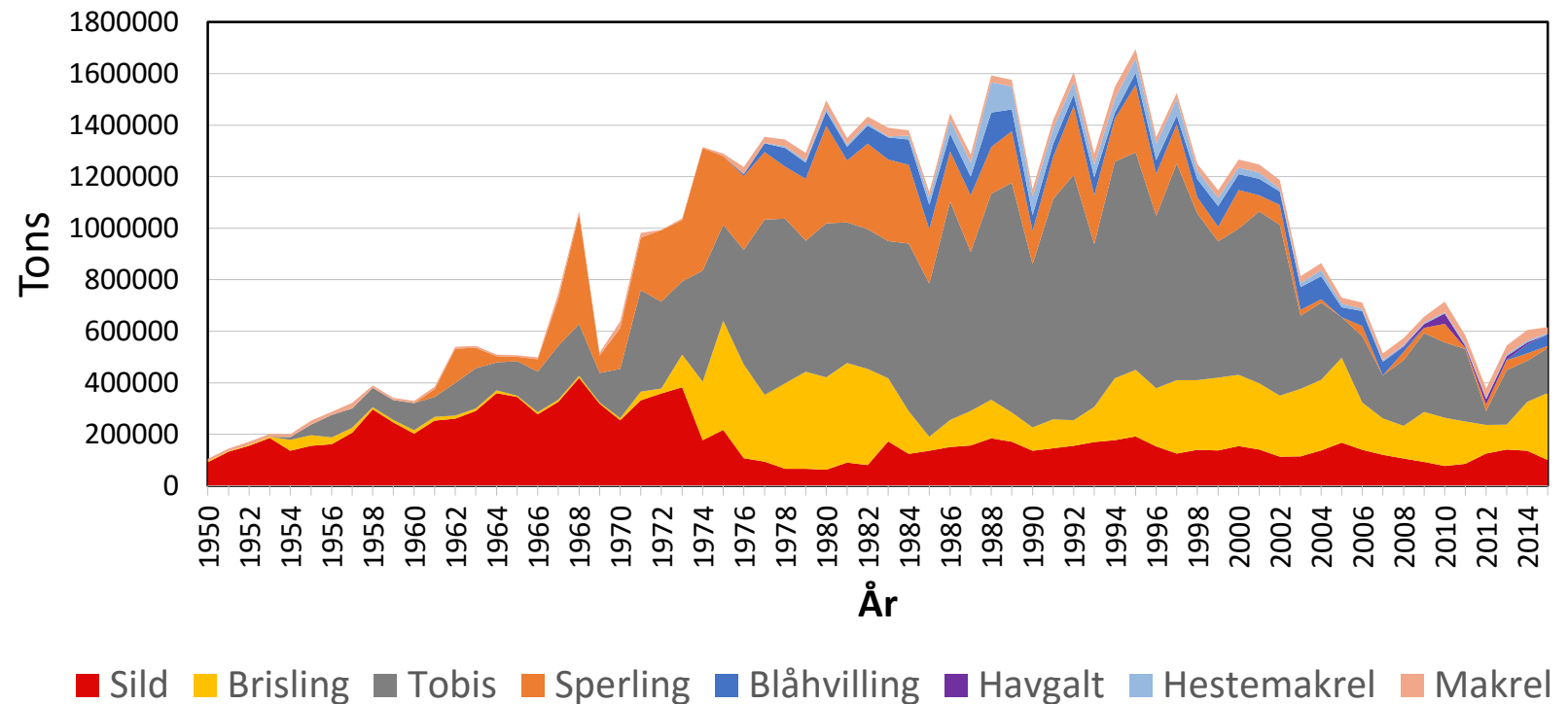
Cooperation





# Utilizing the resources

Landings 1950-2015







# 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 doesn't meet the criteria for human consumption

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
<b>Totals</b>	<b>678</b>	<b>240</b>	<b>918</b>	<b>26</b>

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
<b>Totals</b>	<b>3,131</b>	<b>1,508</b>	<b>4,639</b>	<b>33</b>



# The Future

Mesopelagic fish

By-Products and human consumption

The X-factor of fishmeal and fish oil



**Thank you for the word**



Johannes Palsson, President EUfishmeal

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