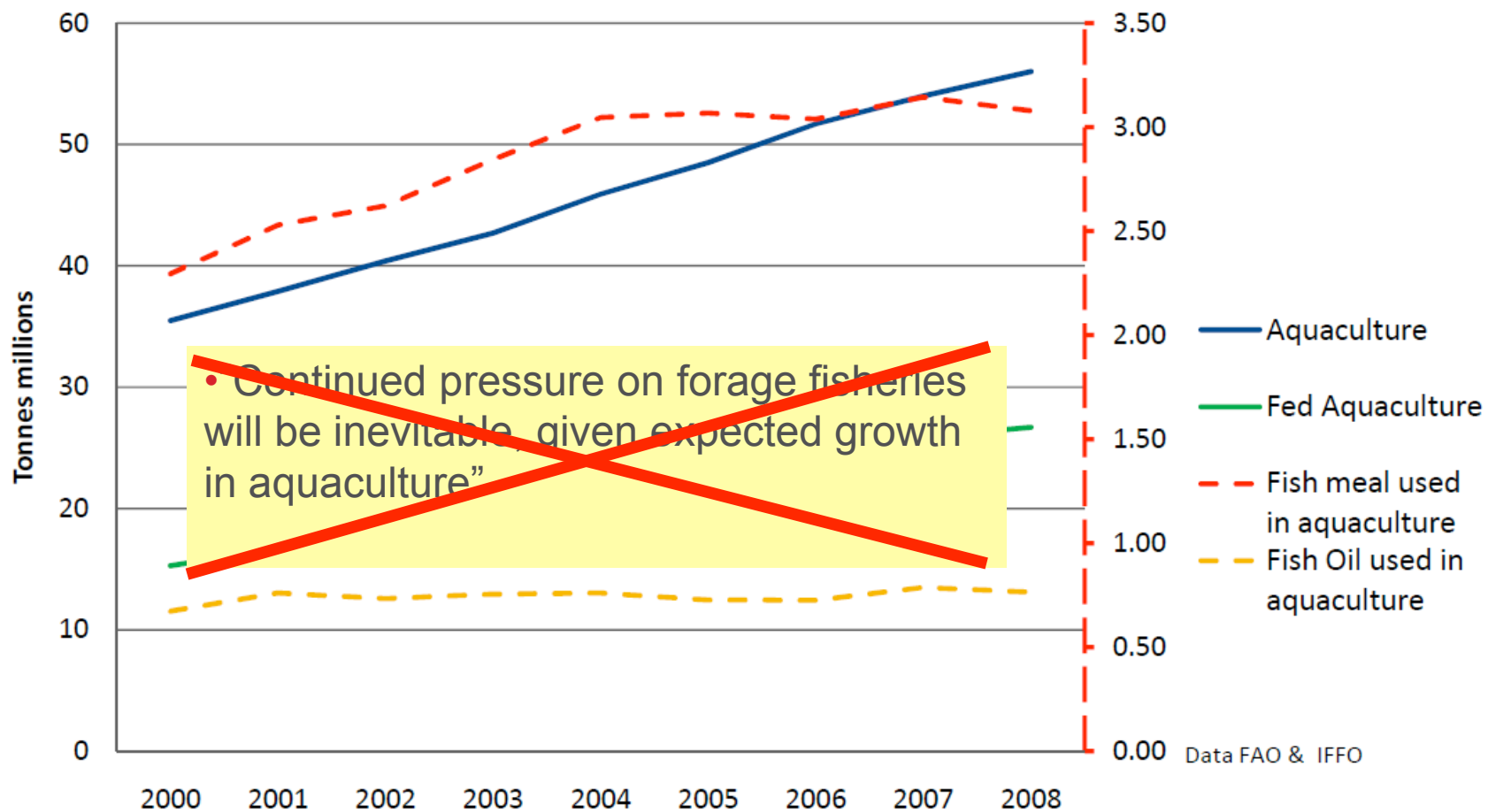


Summary



Global Aquaculture Production with fishmeal and fish oil usage 2000-2008



The origin of fishmeal



- a. Species origin
 - a. Fishery management
- b. Independent certification schemes
 - a. IFFO standard RS
 - b. MSC?

- a. Trimmings as an increasing source of fishmeal
- b. About 25% today ??

Fiskeart		Fiskemel	
Engelsk	Norsk	2007	2008
Anchovy	Ansjoveta	23 %	23 %
Blue whiting	Kolmule	37 %	27 %
Capelin	Lodde	4 %	1 %
Herring	Sild	16 %	17 %
Sandeel	Tobis	2 %	14 %
Herring cuttings	Sildeavskjær	3 %	4 %
Sprat	Brisling	5 %	4 %
Trimmings	Avskjær	2 %	1 %
Mackerell	Makrell	1 %	1 %
Horsemackerel	Hestemakrell	1 %	
Jackmackerel		5 %	6 %
Pilchard			
Menhaden			
	Øyepål		
	Villsvinfisk		
Other species	Andre arter	<1%	2 %
Sum		99 %	100 %

Increased transparency

Species used in production of Norwegian salmon feed

Data from Environmental report 2009 by Norwegian Seafood Federation (FHL)

Thank you for your interest and attention!

