

Andrew Mallison



IFFO

United Kingdom

Andrew Mallison is director general of IFFO, the international trade association representing marine ingredients producers, traders and buyers.

In 2009, he joined the Marine Stewardship Council as director of standards and licensing, and joined IFFO in 2011.

Previously, Mallison was responsible for seafood sourcing policy and quality standards in U.K. retailer Marks and Spencer.

He has also been an expert advisor to governments and the U.N. Food and Agriculture Organization.



Fishmeal and Fish Oil in Aquaculture

Andrew Mallison
Director General

IFFO

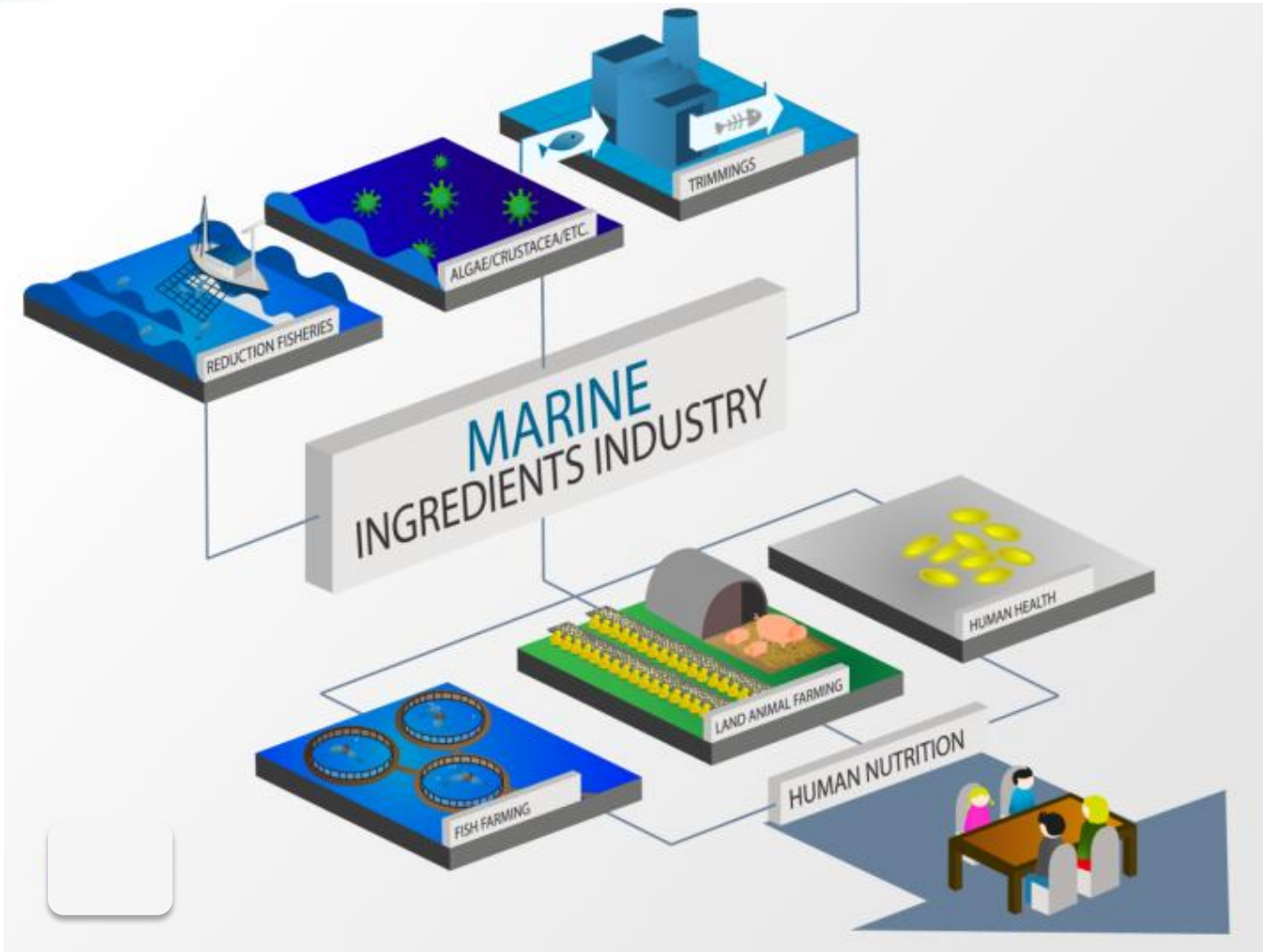


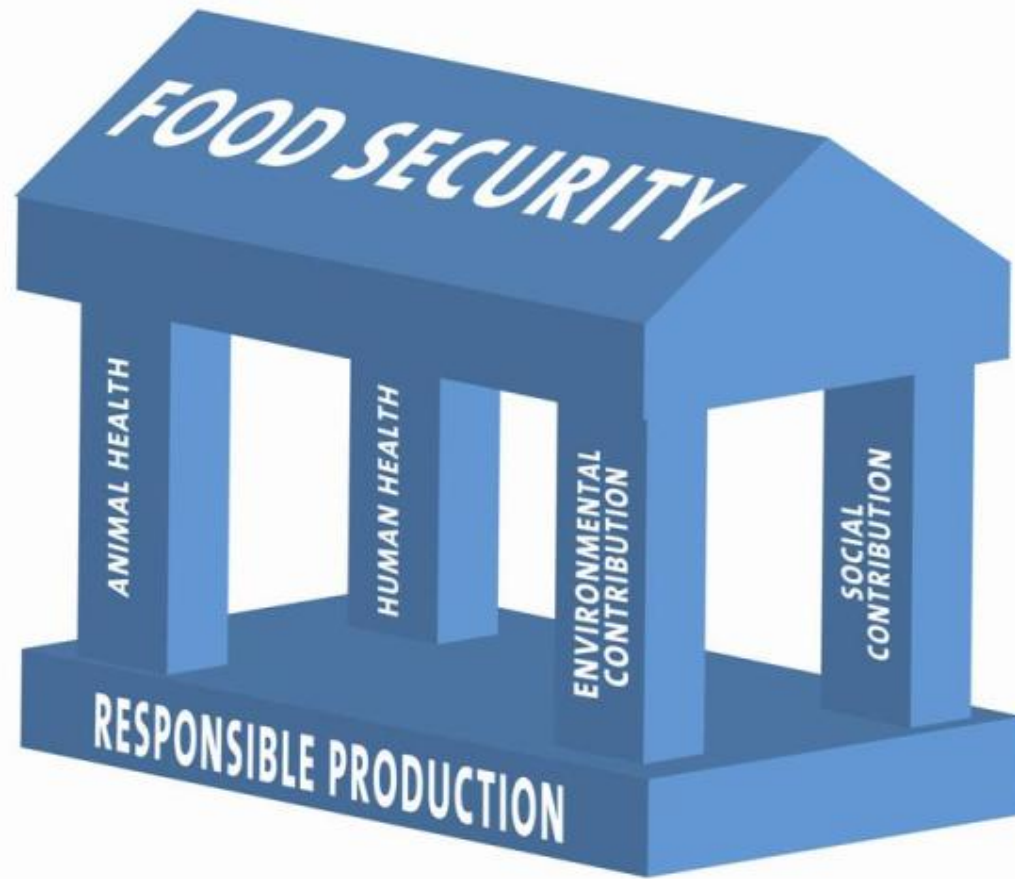
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THE MARINE INGREDIENTS ORGANISATION



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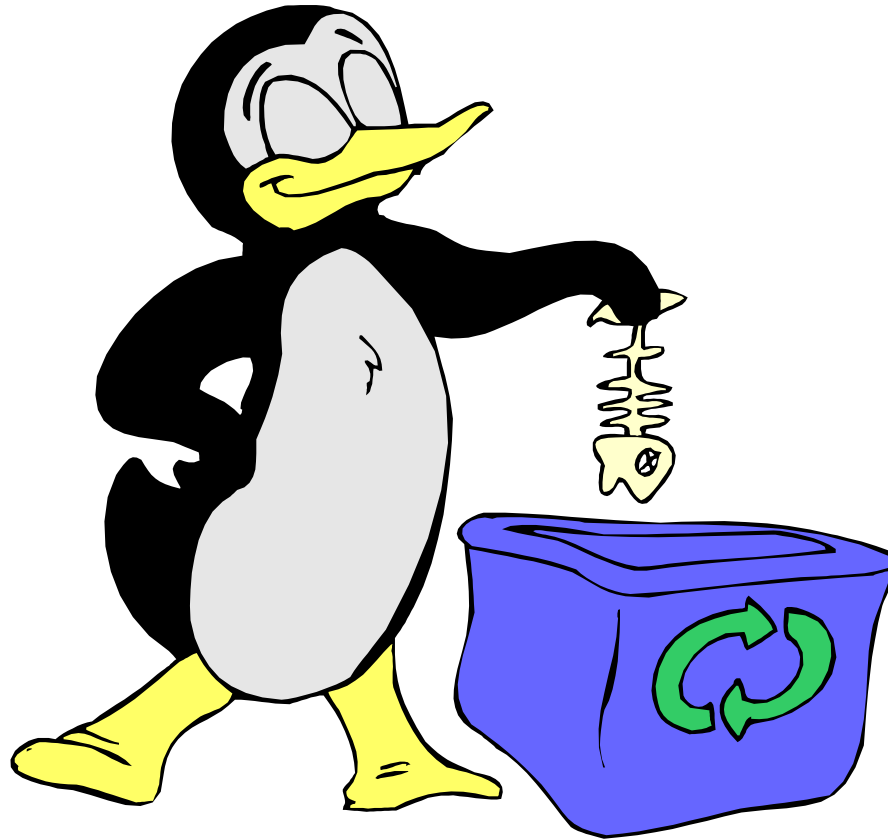
Trends



Whole fish



Byproducts and recycling



Statistics

- 35% of FM from trimmings
- 10% forage fish for h/c
- 1.4:1 max whole fish in fish feed
- 0.3:1 whole fish in all feed
- 10:1 whole fish in wild diet

Fish oil



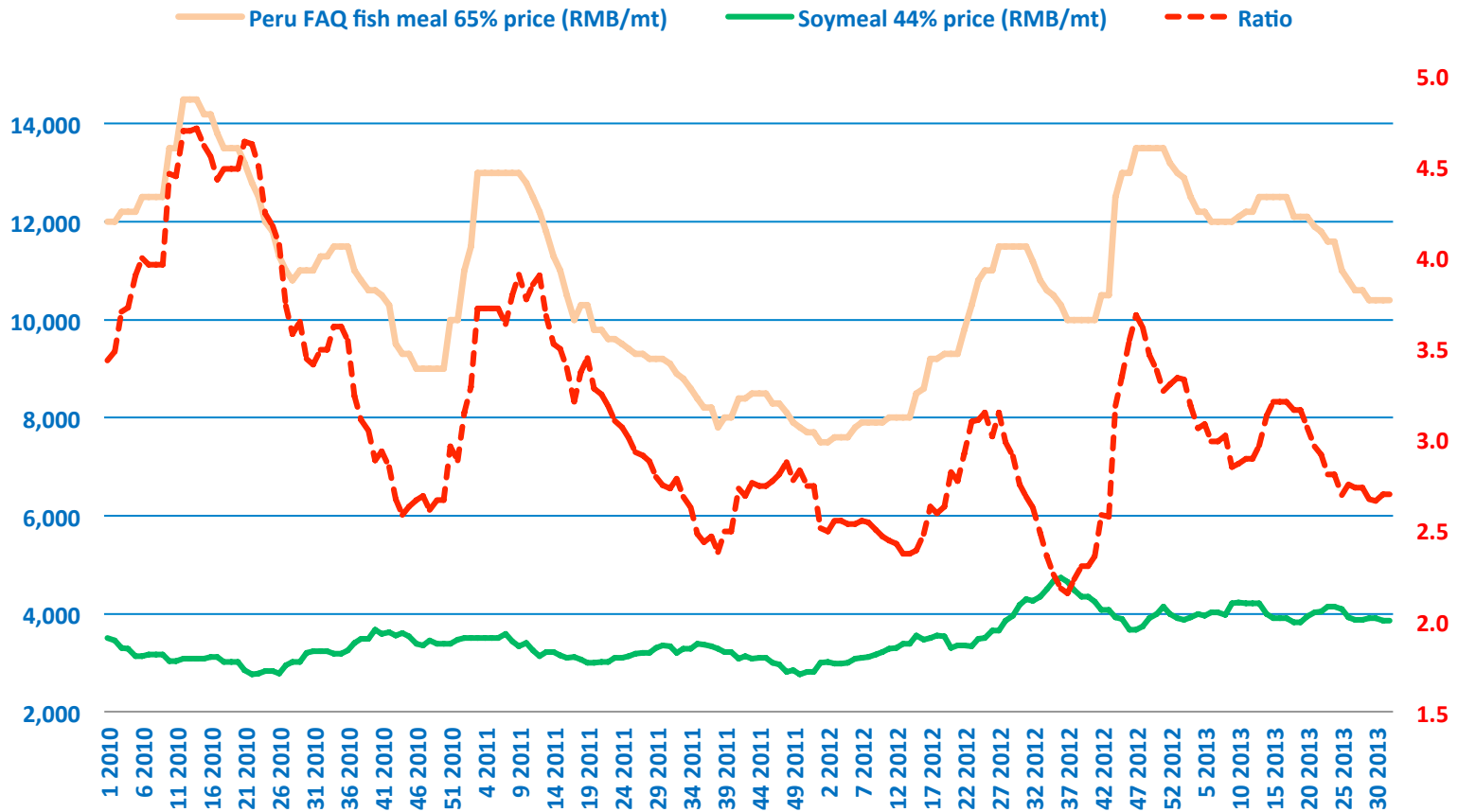
More Transparent Value Chain



Derivatives



Fishmeal and soyabean meal in Shanghai





Challenges

- Raw material supply, global and regional
- Responsible raw material supply
- Fish to fish or human consumption
- Ecosystem impacts
- Economics
- Performance

Summary

- Responsible FM/FO available and performs
- Formulation choices
- Need for transparency
- Need for harmonisation
- Need to drive change



28th – 30th October