

# FISHERY BY-PRODUCT REPORT

## IFFO GLOBAL STANDARD FOR RESPONSIBLE SUPPLY OF FISHMEAL AND FISH OIL



<b>FISHERY By-Product:</b>	<b>Horse Mackerel (<i>Trachurus trachurus</i>)</b>
<b>LOCATION:</b>	<b>Northeast Atlantic (France)</b>
<b>DATE OF REPORT:</b>	<b>December 2014</b>
<b>ASSESSOR:</b>	<b>Sam Peacock</b>

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1. APPLICATION DETAILS AND SUMMARY OF THE ASSESSMENT OUTCOME		
Name:		
Address:		
Country: France	Zip:	
Tel. No.	Fax. No.	
Email address:	Applicant Code	
Key Contact: :	Title:	
Certification Body Details		
Name of Certification Body:	Global Trust	
Assessor Name	Peer Reviewer	Initial/Surveillance/ Re-certification
Sam Peacock	Deirdre Hoare	Re-certification
1. Scope of Assessment	IFFO RS By-Product re-certification	
2. Fishery By-Product	Horse Mackerel ( <i>Trachurus trachurus</i> )	
3. Fishery By-Product Location	Northeast Atlantic (France)	
4. Fishery Method	Pelagic trawl	
5. Outcome of Assessment	Re-approve byproduct	

2. GUIDANCE FOR ONSITE ASSESSMENT
3. ASSESSMENT DETERMINATION
<p>There is a robust fishery management framework at the EU and France levels which is applied specifically to the horse mackerel stocks in the assessment area, although there is some evidence that these are insufficient to ensure the long-term sustainability of the fishery. Management is supported by species-specific data collection and stock assessment, but significant improvements in quantity and quality of data could be made. The assessment team recommends approving this byproduct material against the IFFO RS standard.</p>

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4. RATIONALE OF THE ASSESSMENT OUTCOME		
A. THE MANAGEMENT FRAMEWORK AND PROCEDURE		
LEVEL OF COMPLIANCE		
<i>The management of the fishery used to produce the By- Product must include a legal and administrative basis for the implementation of measures and controls to support the management of the fishery.</i>		
<b>LOW</b>	An administrative framework that ensures an efficient management of the fishery is not established.	
<b>MEDIUM</b>	An administrative framework that ensures an efficient management of the fishery is somehow established, but there is evidence of not being efficient to ensure the management of the stock.	
<b>HIGH</b>	A legal and administrative framework that ensures an efficient management of the fishery is established and works efficiently.	
<p><b><i>Determination: There are effective fishery management frameworks in place at the EU and national levels, and these frameworks are applied specifically to the byproduct species under assessment. However, there is some evidence of these not being sufficient to ensure the long-term sustainability of the fishery.</i></b></p> <p><b>Fishery management framework:</b></p> <p>France is a member of the European Union and therefore in Community waters implements the Common Fisheries Policy (CFP). In force since 1983, the CFP aims to reconcile resource conservation with the preservation of income and jobs in coastal zones that offer few alternatives in terms of production or employment. It therefore covers not just resources but also markets and structures.</p> <p>The CFP has undergone a series of updates, including the most recent reform which was implemented from 1st January 2014. The principal aim of the new CFP is to achieve maximum sustainable yield (MSY) for all stocks by 2015 where possible, and at the latest by 2020. The 2014 reform also details the gradual roll-out of a landing obligation (prohibiting discards), which began in selected fisheries in 2015 and will eventually encompass all commercial fisheries from 2019. Finally, the 2014 reform increases the role and importance of management at the regional level, and encourages more intensive stakeholder engagement.</p> <p>The primary authority with responsibility for implementing the CFP in France is the Directorate of Marine Fisheries and Aquaculture (<i>Direction des Pêches Maritimes et de l’Aquaculture, DPMA</i>), within the government Ministry of Ecology, Sustainable Development and Energy (<i>Ministère de l’Écologie, du Développement Durable et de l’Énergie</i>).</p> <p><b>Species-specific management:</b></p> <p>Horse mackerel in EU waters is subject to four separate annual quotas. The areas and the associated quotas for 2014 were as follows:</p> <ul style="list-style-type: none"> <li>• IIa, Iva, Vb, VI, VIIa-c, VIIC-k, VIIIabde, XII, XIV: 116,912t</li> <li>• IVbc, VIId: 31,720t</li> <li>• VIIC: 18,508t</li> <li>• IX: 35,000t</li> </ul> <p>TACs have historically, and recently, been set somewhat above the scientific advice. There is also a discrepancy between the geographical areas for which advice is provided and those for which quotas are set, with ICES advice provided for three stock units. The North Sea stock is estimated to be fished above target levels, with SSB likely below target. The Western stock is considered to be fished above FMSY, but SSB is slightly above MSY<sub>Btrigger</sub>. The Southern stock is considered to be fished at an appropriate level, with SSB at the long-term average.</p>		<b>M</b>

R1 – R5		
<b>B. STOCK ASSESSMENT PROCEDURES AND MANAGEMENT ADVICE</b>		
<b>LEVEL OF COMPLIANCE</b>		
<i>B. Research in support of fisheries management should exist.</i>		
<b>LOW</b>	Research to support the management of the stock does not exist	
<b>MEDIUM</b>	Research to support the management of the stock exists, however research programmes could be significantly improved to decrease scientific advice uncertainty.	
<b>HIGH</b>	Research to support the management of the stock exists, and research programmes for provision of scientific advice are considered adequate.	
<p><b>Determination: Species-specific research is conducted in support of horse mackerel fishery management, although there are significant improvements which could be made to the quality and quantity of information available to ICES.</b></p> <p>Fisheries management in EU waters is supported by the International Council for the Exploration of the Sea (ICES). ICES utilises the best available scientific information collected by 20 member countries and others, and develops advice for the majority of commercially fished stocks in European waters.</p> <p>As noted in section A, ICES advice for horse mackerel is provided for three stocks as follows:</p> <p><i>North Sea stock</i></p> <p>Advice is based on commercial landings data only. ICES states that this is insufficient to evaluate biomass and exploitation status. No reference points are defined and no quantitative assessment can be conducted.</p> <p><i>Western stock</i></p> <p>Advice is based on commercial landings with ages from catch sampling, one triennial egg survey index, and one tuning index. MSY-based reference points are defined for the stock and a quantitative assessment is conducted.</p> <p><i>Southern stock</i></p> <p>Advice is based on commercial landings with age and length frequencies from catch sampling, one combined pelagic trawl and bottom trawl survey index, and maturity data from both sources. One reference point is defined, <math>F_{MSY}</math>.</p> <p>R5, R6</p>		<b>M</b>
<b>C. STOCK STATUS</b>		
<b>LEVEL OF COMPLIANCE</b>		
<i>C. The fish used to produce the fish By- Product is not considered to be critically at risk of over exploitation in accordance with the IUCN guidance.</i>		
<b>LOW</b>	The fish By-Product must not come from a species that is listed as extinct, or critically endangered.	
<b>MEDIUM</b>	The fish By- Product is from a species that is classified as vulnerable, but has a management regime in place that will control the level of fishing permitted. Or if a species is deemed to be endangered but the sub-group from where the fish By- Product is harvested is deemed scientifically to be at no risk of over exploitation.	
<b>HIGH</b>	The fish By- Product comes from a fishery that is not deemed to be at risk of over exploitation from fishing activities.	
<p><b>Determination: Horse mackerel has not been categorised by the IUCN; however there is no additional evidence to lead the assessment team to believe the species is at serious risk and so a medium compliance rating is appropriate.</b></p> <p>The IUCN has not categorised <i>Trachurus trachurus</i>, and it is not listed in the CITES appendices.</p> <p>R7, R8</p>		<b>M</b>

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**5. REFERENCES**

R1 – About the Common Fisheries Policy: [http://ec.europa.eu/fisheries/cfp/index\\_en.htm](http://ec.europa.eu/fisheries/cfp/index_en.htm)

R2 – CFP – Managing fish stocks: [http://ec.europa.eu/fisheries/cfp/fishing\\_rules/index\\_en.htm](http://ec.europa.eu/fisheries/cfp/fishing_rules/index_en.htm)

R3 – CFP – Discarding and the Landing Obligation:  
[http://ec.europa.eu/fisheries/cfp/fishing\\_rules/discards/index\\_en.htm](http://ec.europa.eu/fisheries/cfp/fishing_rules/discards/index_en.htm)

R4 – French Directorate of Marine Fisheries and Aquaculture: <http://www.developpement-durable.gouv.fr/-Les-peches-maritimes-et-l-.html>

R5 – ICES advice, horse mackerel 2014:

- Divisions IIIa, IVb,c, and VIId (North Sea stock):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2014/2014/hom-nsea.pdf>
- Divisions IIa, IVa, Vb, VIa, VIIa–c, e–k, and VIIIa–e (Western stock):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2014/2014/hom-west.pdf>
- Division IXa (Southern stock):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2014/2014/hom-soth.pdf>

R6 – EU fishing quotas 2015: [http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L\\_.2015.022.01.0001.01.ENG](http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2015.022.01.0001.01.ENG)

R7 – IUCN redlist: <http://www.iucnredlist.org/>

R8 – CITES appendices: <http://www.cites.org/eng/app/appendices.php>

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