

# FISHERY BY-PRODUCT REPORT

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



<b>FISHERY By-Product:</b>	<b>Haddock (<i>Melanogrammus aeglefinus</i>)</b>
<b>LOCATION:</b>	<b>North East Atlantic, FAO 27</b>
<b>DATE OF REPORT:</b>	<b>December 2015</b>
<b>ASSESSOR:</b>	<b>Deirdre Hoare</b>

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1. APPLICATION DETAILS AND SUMMARY OF THE ASSESSMENT OUTCOME		
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Certification Body Details		
Name of Certification Body:	SAI Global (Ireland)	
Assessor Name	Peer Reviewer	Initial/Surveillance/ Re-certification
Deirdre Hoare	Sam Dignan	Initial
1. Scope of Assessment		
		IFFO RS By-Product initial
2. Fishery By-Product		
		Haddock ( <i>Melanogrammus aeglefinus</i> )
3. Fishery By-Product Location		
		North East Atlantic, FAO 27
4. Fishery Method		
		Demersal and otter trawls, seines
5. Outcome of Assessment		
		Approve byproduct

## 2. GUIDANCE FOR ONSITE ASSESSMENT

## 3. ASSESSMENT DETERMINATION

**There is a robust fishery management framework at the EU and Denmark levels, which is applied specifically to the haddock stock in the assessment area. Management is supported by species-specific data collection and stock assessment. The assessment team recommends the approval of this byproduct material against the IFFO RS standard.**

**4. RATIONALE OF THE ASSESSMENT OUTCOME**

**A. THE MANAGEMENT FRAMEWORK AND PROCEDURE**

**LEVEL OF COMPLIANCE**

*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.*

<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.

**Determination: There are effective fishery management frameworks in place at the EU and national levels, and these frameworks are applied specifically to the byproduct stock under assessment.**

H

**Fishery management framework:**

The UK & Ireland are members of the European Union and therefore in Community waters implement 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.

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.

The primary authorities with responsibility for implementing the CFP is the Danish Directorate of Fisheries, which is a part of the Ministry of Food, Agriculture and Fisheries, under the 1999 Fisheries Act.

**Species-specific management:**

Haddock in the area relevant to this assessment is subject to a number of separate annual quotas. The management regions and associated TACs for 2015 are as follows:

- IV, EU waters of IIa: 40,711t
- Vb and VIa: 4,536t
- VIIb-k, VIII, IX, X and EU waters of CECAF 34.1.1: 8,342t
- VIIa: 1,181t

These regions do not precisely match the stock units for which ICES provides advice. A range of additional management measures are in place, but these vary between regions, as does the extent to which management plans are in place.

R1 – R7

**B. STOCK ASSESSMENT PROCEDURES AND MANAGEMENT ADVICE**

**LEVEL OF COMPLIANCE**

*B. Research in support of fisheries management should exist.*

<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 and stock assessment activities are conducted in support of the management of the relevant haddock stocks. Although one stock is poorly understood, on balance the assessment team considers a high compliance rating to remain appropriate.</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>Haddock in the area relevant to this assessment are assessed by ICES as three stock units. The level of research and scientific understanding varies between stocks, as follows:</p> <p><i>Haddock in Subarea IV and Divisions IIIa West and VIa (North Sea, Skagerrak, and West of Scotland)</i></p> <p>Annual stock assessment is based on commercial catches, including landings and ages from catch sampling, and two bottom trawl survey indices. Defined reference points include <math>F_{MSY}</math>, <math>B_{trigger}</math>, and <math>B_{pa}</math>. Stock status compared to these reference points is currently considered to be good. In general, ICES also considers the quality of the assessment and scientific understanding of the stock to also be good.</p> <p><i>Haddock in Divisions VIIb-k</i></p> <p>Advice is given based on stock assessments using commercial catches, one fishery-independent survey index, and one commercial index. MSY-based reference points have been defined, but no precautionary-approach-based. Fishing mortality is currently considered to be above <math>F_{MSY}</math>, but SSB is above <math>B_{trigger}</math>. ICES considers the quality of the input data to be sufficient for the assessment of the stock.</p> <p><i>Haddock in Division VIIa (Irish Sea)</i></p> <p>This stock is categorised as data-limited, but represents a comparatively small proportion of total haddock removals. The assessment is based on one survey index, and is considered indicative of trends only. There are no quantitative reference points defined.</p> <p>R6, R7</p>		<b>H</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: Haddock has been categorised by the IUCN as ‘vulnerable’, but the additional available evidence suggests that there is no immediate danger of serious over-exploitation.</b></p> <p>The IUCN has categorised <i>Melanogrammus aeglefinus</i> as vulnerable. There are currently nine haddock fisheries in the Northeast Atlantic which have been certified against the MSC sustainability standard.</p> <p>R8, R9</p>		<b>M</b>

## 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 – Ministry of Food, Agriculture and Fisheries of Denmark, fisheries and aquaculture overview:  
[http://www.fvm.dk/fisheries\\_and\\_aquaculture.aspx?ID=15231](http://www.fvm.dk/fisheries_and_aquaculture.aspx?ID=15231)

R5 - Danish Directorate of Fisheries, Control: <http://naturerhverv.fvm.dk/kontrol.aspx?ID=16792>

R6 – ICES advice, Haddock, 2015:

- Haddock in Subarea IV and Divisions IIIa West and VIa (North Sea, Skagerrak and West of Scotland):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/had-346a.pdf>
- Haddock in Divisions VIIb-k:  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/had-7b-k.pdf>
- Haddock in Division VIIa (Irish Sea):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/had-iris.pdf>

R7 – 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)

R8 – IUCN redlist: <http://www.iucnredlist.org/>

R9 – MSC fisheries in the Northeast Atlantic: <http://www.msc.org/track-a-fishery/fisheries-in-the-program/certified/north-east-atlantic>

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