



MarinTrust Standard V2

By-product Fishery Assessment Atlantic chub mackerel (*Scomber colias*) in FAO Area 34, Atlantic East Central

MarinTrust Programme

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Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Atlantic chub mackerel, <i>Scomber colias</i>
	Geographical area:	FAO Area 34 (Atlantic, eastern central)
	Country of origin of the product:	Flag country not provided by the client
	Stock:	Northwest Africa in the region between the southern border of Senegal and the northern Atlantic border of Morocco
Date	7 October 2022	
Report Code	MAR05	
Assessor	Matthew Jew	
Country of origin of the product - PASS	Flag country not provided by the client	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Company Name(s): CIBEL: CIBEL I, CIBEL II ; Copelit S.A.R.L. ; LAAYOUNE PROTEINE The Scoular Company (Production site under ID preserved: Alpha Atlantique)			
Country: Morocco			
Email address:		Applicant Code:	
Certification Body Details			
Name of Certification Body:		Global Trust Certification	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Matthew Jew	Léa Lebechnech	0.5 days	Surveillance 2
Assessment Period	To October 2022		

Scope Details	
Main Species	Atlantic chub mackerel, <i>Scomber colias</i>
Stock	Northwest Africa in the region between the southern border of Senegal and the northern Atlantic border of Morocco
Fishery Location	FAO Area 34 (Atlantic, eastern central)
Management Authority (Country/ State)	European Commission (EC), Morocco Ministère de l'Agriculture, de la Pêche Maritime, du Développement Rural et des Eaux et Forêts, FAO of the UN
Gear Type(s)	Purse seine
Outcome of Assessment	
Peer Review Evaluation	Agree with the assessor's recommendation of approval
Recommendation	APPROVED

Table 2. Assessment Determination

Assessment Determination
<p>If any species is categorised as Endangered or Critically Endangered on IUCN's Red List, or if it appears in the CITES appendices, it cannot be approved for use as Marin Trust raw material. Atlantic chub mackerel (<i>Scomber colias</i>) is neither listed as Endangered or Critically Endangered on IUCN's Red List, nor listed in CITES appendices; therefore, Atlantic chub mackerel is eligible for approval for use as Marin Trust by-product raw material.</p> <p>The most recent stock assessment was conducted by the Food and Agriculture Organization of the United Nations (FAO) in 2019. The small pelagics working group recently adopted biological reference points (BRPs) that are consistent with the Fishery Committee for the Eastern Central Atlantic (CECAF). The target reference points are: $B_{cur}/B_{0.1}$ and $F_{cur}/F_{0.1}$. The limit reference points are: B_{cur}/B_{MSY} and F_{cur}/F_{MSY}. The stock is subject to a specific management regime, therefore it was assessed under Category C.</p> <p>Fishery removals are included in the stock assessment and it PASSES Clause C1.1. The stock is considered, in its most recent stock assessment, to have biomass above the limit reference point so it PASSES Clause C1.2.</p> <p>Therefore, Atlantic chub mackerel in FAO area 34 eastern central Atlantic is APPROVED for the production of fishmeal and fish oil under the current MarinTrust v 2.0 by-products.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified Atlantic chub mackerel in FAO area 34 eastern central Atlantic under Category C, as the stock is subject to a specific management regime and information to define reference points is not available.</p> <p>Atlantic chub mackerel in FAO area 34, Eastern Central Atlantic, is APPROVED for the production of fishmeal and fish oil under the current MarinTrust v 2.0 by-products standards.</p>
Notes for On-site Auditor
<p>Determine which flag states the plant is sourcing its Atlantic chub mackerel from.</p>

Species Categorisation

NB: If any species is categorised as Endangered or Critically Endangered on the IUCN Red List, or if it appears in CITES Appendix 1, it **cannot** be approved for use as a MarinTrust raw material.

IUCN Red list Category

By-product material from a species listed by IUCN (the International Union for Conservation of Nature) under the Red List for the following categories shall immediately fail the assessment;

- EXTINCT (E) AND EXTINCT IN THE WILD (EW)
- CRITICALLY ENDANGERED (CR) facing an extremely high risk of extinction in the wild.
- ENDANGERED (EN) facing a very high risk of extinction in the wild.

By-product material may be used from the following categories provided that all clauses in the MarinTrust standard are passed.

- VULNERABLE (VU) facing a high risk of extinction in the wild.
- NEAR THREATENED (NT) does not qualify for above now, but is close or is likely to qualify for, a threatened category in the near future.
- LEAST CONCERN (LC) Widespread and abundant.
- DATA DEFICIENT (DD) and NOT EVALUATED (NE)

Table 3 Species Categorisation Table

Common name	Latin name	Stock	Management	Category	IUCN Red List Category ¹	CITES Appendix 1 ²
Atlantic chub mackerel	<i>Scomber colias</i>	Northwest Africa in the region between the southern border of Senegal and the northern Atlantic border of Morocco	European Commission (EC), Morocco Ministère de l'Agriculture, de la Pêche Maritime, du Développement Rural et des Eaux et Forêts, FAO of the UN	C	LC	No

¹ <https://www.iucnredlist.org/>

² <https://cites.org/eng/app/appendices.php>

CATEGORY C SPECIES

In a by-product assessment, Category C species are those which are subject to a species-specific management regime and are usually targeted species in fisheries for human consumption.

Clause C1 should be completed for each Category C species. If there are no Category C species in the fishery under assessment, this section can be deleted. Where a species fails this Clause, it should be assessed as a Category D species instead.

Species Name		Atlantic chub mackerel (<i>Scomber colias</i>)	
C1	Category C Stock Status - Minimum Requirements		
	C1.1	Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.	Yes
	C1.2	The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.	Yes
			Clause outcome: PASS
<p>C1.1 Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.</p> <p>The working group on the Assessment of Small Pelagic Fish off Northwest Africa concluded, based on the results of both of the models applied, that the chub-mackerel stock is fully exploited. This is the same conclusions as for the 2018 assessment. The production model indicates that the current level of catch is not sustainable whereas the analytical model indicates an optimum level of spawning stock biomass at the current level of catch.</p> <p>Therefore, fishery removals of the species in the fishery of the stocks under assessment are included in the stock assessment process. The fishery PASSES clause C1.1.</p>			
<p>C1.2 The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.</p> <p>The small pelagics working group on the Assessment of Small Pelagic Fish off Northwest Africa concluded that the stock of Atlantic chub mackerel is fully exploited. The working group recently adopted biological reference points (BRPs) that are consistent with the Fishery Committee for the Eastern Central Atlantic (CECAF). The target reference points are: $B_{cur}/B_{0.1}$ and $F_{cur}/F_{0.1}$. The limit reference points are: B_{cur}/B_{MSY} and F_{cur}/F_{MSY}. Biomass levels are currently at 107% of the target reference point (the stock is not overfished) and fishing levels are at 126% of the target reference point (overfishing is occurring on this stock). Fully exploited indicates that the fishery operated within the limits of sustainability and current fishing pressure seems sustainable and can be maintained.</p> <p>Therefore, the stock is, in their most recent stock assessment, to have a biomass above the limit reference points (or proxy). The fishery PASSES clause C1.2.</p>			
<p>References</p> <p>FAO. 2020. Report of the FAO Working Group on the Assessment of Small Pelagic Fish off Northwest Africa. Casablanca, Morocco, 8–13 July 2019. Rapport du Groupe de travail de la FAO sur l'évaluation des petits pélagiques au large de l'Afrique nord-occidentale. Casablanca, Maroc, 8-13 juillet 2019. FAO Fisheries and Aquaculture Report/FAO Rapport sur les pêches et l'aquaculture. Rome. http://www.fao.org/3/cb0490en/CB0490EN.pdf.</p>			
<p>Links</p>			
MarinTrust Standard clause		1.3.2.2	
FAO CCRF		7.5.3	
GSSI		D.3.04, D5.01	