MarinTrust Standard V2

By-product Fishery Assessment Report Template

MarinTrust Programme
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Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Pollack (*Pollachius pollachius*)
	Geographical area:	FAO 27 Atlantic, Northeast (ICES in Subarea 8 and Division 9a (Bay of Biscay and Atlantic Iberian waters))
	Country of origin of the product:	France
	Stock:	Pollack (*Pollachius pollachius*) in Subarea 8 and Division 9a (Bay of Biscay and Atlantic Iberian waters))
Date	26 July 2021	
Report Code	BP143	
Assessor	Sam Dignan	
Country of origin of the product - PASS	France	
Country of origin of the product - FAIL	Not applicable	

Application details and summary of the assessment outcome			
Name: Bioceval			
Address:			
Country: France		Zip:	
Tel. No.:		Fax. No.:	
Email address:		Applicant Code:	
Key Contact:		Title:	
Certification Body Details			
Name of Certification Body:		Global Trust Certification Limited	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Sam Dignan	Géraldine Criquet	0.5	Surveillance 2
Assessment Period	To July 2021		

Scope Details	
Main Species	Pollack (*Pollachius pollachius*)
Stock	Pollack (*Pollachius pollachius*) in Subarea 8 and Division 9a (Bay of Biscay and Atlantic Iberian waters))
Fishery Location	FAO 27 Atlantic, Northeast (ICES in Subarea 8 and Division 9a (Bay of Biscay and Atlantic Iberian waters))
Management Authority (Country/ State)	European Union and France
Gear Type(s)	2020: 52 % nets; 37% lines; 10.1 % others
Outcome of Assessment	
Peer Review Evaluation	Agree with the assessor's recommendation of approval.
Recommendation	APPROVED

Table 2. Assessment Determination

Assessment Determination
If a 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 MarinTrust RS raw material. Pollack is not categorised as Endangered or Critically Endangered on IUCN's Red List, nor does it appear in the CITES appendices; therefore, byproducts derived from this stock are eligible for approval for use as MarinTrust RS by-product raw material. On the basis of currently available information, ICES provides advice for three pollack 'stocks' in the Northeast Atlantic: 1. Pollack in Subarea 4 and Division 3.a (North Sea, Skagerrak and Kattegat) 2. Pollack in Subarea 8 and Division 9.a (Bay of Biscay and Atlantic Iberian waters) 3. Pollack in subareas 6 – 7 (Celtic Seas and the English Channel) Only pollack in Subarea 8 and Division 9.a (Bay of Biscay and Atlantic Iberian waters) is relevant to this assessment. ICES cannot assess the stock and exploitation status relative to MSY and precautionary approach (PA) reference points because information to define reference points is not available; therefore, the stock is assessed as Category D. Based on the Productivity and Susceptibility Analysis (PSA) outlined in Table C1 and the threshold outlined in Table D3, the stock **PASSES Clause D1.** As the stock passes both Clause D1, further analysis is not required and the by-product covered by this report is recommended for **APPROVAL** for the production of fishmeal and fish oil under the current MarinTrust RS v 2.0 by-product standard.
Fishery Assessment Peer Review Comments
The assessor correctly classified pollack in the Bay of Biscay and Atlantic Iberian waters as category D, reference points are not available. With an average productivity score of 1.71 and an average susceptibility score of 2.25, the stock PASSES Clause D.1. Therefore, pollack in the Bay of Biscay and Atlantic Iberian waters is **APPROVED**.
Notes for On-site Auditor

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 an MARINTRUST raw material.

IUCN Redlist 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]
Pollack	*Pollachius pollachius*	Pollack in Subarea 8 and Division 9.a (Bay of Biscay and Atlantic Iberian waters)	EU and France	D	Least Concern	No

[1] https://www.iucnredlist.org/
[2] https://cites.org/eng/app/appendices.php

CATEGORY C SPECIES

In a whole fish assessment, Category C species are those which make up less than 5% of landings, but which are subject to a species-specific management regime. In most cases this will be because they are a commercial target in a fishery other than the one under assessment.

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 may be assessed as a Category D species instead, EXCEPT if there is evidence that it is currently below the limit reference point.

Species Name		
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.	
	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.	
		Clause outcome:

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.
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.
References

Links	
MARINTRUST Standard clause	1.3.2.2
FAO CCRF	7.5.3
GSSI	D.3.04, D5.01

CATEGORY D SPECIES

Category D species are those which make up less than 5% of landings and are not subject to a species-specific management regime. In the case of mixed trawl fisheries, Category D species may make up the majority of landings. The comparative lack of scientific information on the status of the population of the species means that a risk-assessment style approach must be taken.

D1	Species Name	Pollack in Subarea 8 and Division 9.a (Bay of Biscay and Atlantic Iberian waters	
	Productivity Attribute	**Value**	**Score**
	Average age at maturity (years)	2 – 3 years (FishBase)	2
	Average maximum age (years)	8 years, max. reported age (FishBase)	1
	Fecundity (eggs/spawning)	>10,000	1
	Average maximum size (cm)	Linf 85.6, max size 130 cm (FishBase)	2
	Average size at maturity (cm)	41 cm (FishBase)	2
	Reproductive strategy	Broadcast spawner	1
	Mean trophic level	4.3 ±0.3 se; based on diet studies (FishBase)	3
		Average Productivity Score	**1.71**
	Susceptibility Attribute	**Value**	**Score**
	Overlap of adult species range with fishery	<25% of species distribution occurs in area under assessment	1
	Distribution	Not scored	–
	Habitat	Benthopelagic in hard bottom/rocky areas	2
	Depth range	Depth range 40m – 200 m, usually 40 m – 100 m	3
	Selectivity	Species 1 to 2 times mesh size	2
	Post-capture mortality	Most dead or retained	3
		Average Susceptibility Score	**2.25**
		PSA Risk Rating (From Table D3)	**PASS**
		Compliance rating	**PASS**

References

FishBase: https://www.fishbase.de/Summary/SpeciesSummary.php?ID=34&AT=pollack

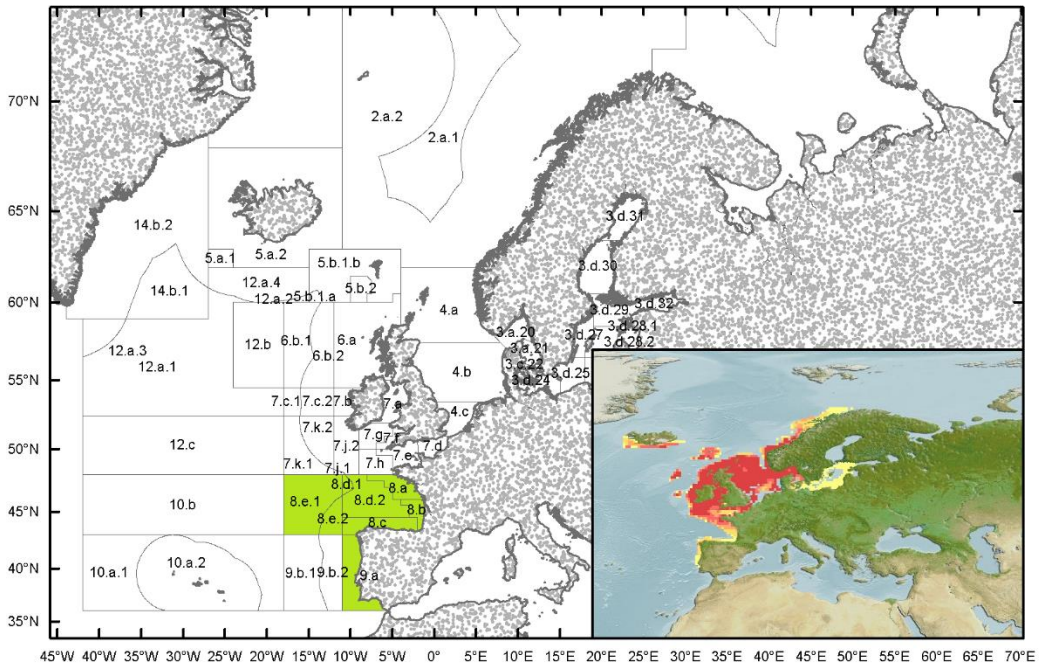

Table. Range of fishery with species range inset.

Standard clauses 1.3.2.2

Table D2 - Productivity / Susceptibility attributes and scores.

Productivity attributes	Low productivity/ High risk	Medium productivity/ Medium risk	High productivity/ Low risk
	Score 3	Score 2	Score 1
Average age at maturity (years)	>4	2 to 4	<2
Average maximum age (years)	>30	10 to 30	<10
Fecundity (eggs/spawning)	<1 000	1 000 to 10 000	>10 000
Average maximum size (cm)	>150	60 to 150	<60
Average size at maturity (cm)	>150	30 to 150	<30
Reproductive strategy	Live bearer, mouth brooder or significant parental investment	Demersal spawner "berried"	Broadcast spawner
Mean trophic level	>3.25	2.5–3.25	<2.5

Susceptibility attributes		High susceptibility/ High risk	Medium susceptibility/ Medium risk	Low susceptibility/ Low risk
		Score 3	Score 2	Score 1
Availability	1) Overlap of adult species range with fishery	>50% of stock occurs in the area fished	Between 25% and 50% of the stock occurs in the area fished	<25% of stock occurs in the area fished
	2) Distribution	Only in the country/ fishery	Limited range in the region	Throughout region/ global distribution
Encounterability	1) Habitat	Habitat preference of species make it highly likely to encounter trawl gear (e.g. demersal, muddy/sandy bottom)	Habitat preference of species make it moderately likely to encounter trawl gear (e.g. rocky bottom/reefs)	Depth or distribution of species make it unlikely to encounter trawl gear (e.g. epi-pelagic or meso-pelagic)
	2) Depth range	High overlap with trawl fishing gear (20 to 60 m depth)	Medium overlap with trawl fishing gear (10 to 20 m depth)	Low overlap with trawl fishing gear (0 to 10 m, >70 m depth)
Selectivity		Species >2 times mesh size or up to 4 m length	Species 1 to 2 times mesh size or 4 to 5 m length	Species <mesh size or >5 m length
Post capture mortality		Most dead or retained Trawl tow >3 hours	Alive after net hauled Trawl tow 0.5 to 3 hours	Released alive Trawl tow <0.5 hours

Note: Availability 2 is only used when there is no information for Availability 1; the most conservative score between Encounterability 1 and 2 is used.

D3		Average Susceptibility Score		
		1 - 1.75	1.76 - 2.24	2.25 - 3
Average Productivity Score	1 - 1.75	PASS	PASS	PASS
	1.76 - 2.24	PASS	PASS	TABLE D4
	2.25 - 3	PASS	TABLE D4	TABLE D4

D4	Species Name		
	Impacts On Species Categorised as Vulnerable by D1-D3 - Minimum Requirements		
	D4.1	The potential impacts of the fishery on this species are considered during the management process, and reasonable measures are taken to minimise these impacts.	
	D4.2	There is no substantial evidence that the fishery has a significant negative impact on the species.	
			Clause outcome:

Evidence

D4.1: The potential impacts of the fishery on this species are considered during the management process, and reasonable measures are taken to minimise these impacts.

D4.2 There is no substantial evidence that the fishery has a significant negative impact on the species.

References

Links	
MARINTRUST Standard clause	1.3.2.2, 4.1.4
FAO CCRF	7.5.1
GSSI	D.5.01