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Life on Planet & Natural Resources			
Climate Change	Product Carbon Footprint (PCF)	  	<i>Under assessment (est. 5 - 8 kg CO₂ eq./kg product at store)</i>
Biodiversity Loss	Loss of biodiversity & biosphere integrity	  	<i>Safe target stock / high bycatch of endangered species (ETP)</i>
Habitat Degradation	Destruction of Vulnerable Marine Ecosystems (VMEs)	  	<i>No seafloor interaction, no critical damage of VMEs</i>
Freshwater Depletion	Risk of freshwater depletion	  	<i>No freshwater use</i>
Eutrophication	Discharge of nitrogen (N) and phosphorous (P)	  	<i>No use and discharge of N-P compounds</i>
Toxic Compounds	Pollution with toxic chemicals and pesticides	  	<i>No use and discharge of toxic compounds</i>
People & Coastal Communities			
Human Rights	Human rights & decent work conditions	  	<i>Moderate to high risk in offshore industrial fleets</i>
Workers' Safety	Exposure to health & safety hazards	  	<i>Moderate safety at sea and in processing factories</i>
Community Inclusiveness	Fair value chain participation by communities	  	<i>No inclusiveness of communities (industrial fishery)</i>
Animal Welfare			
Living Conditions	Natural behaviour during lifetime	  	<i>Life in the wild, no husbandry systems</i>
Physical Stress	Stress & physical damage during or after capture	  	<i>Long soak time on the hook, fast hauling and slaughter</i>
Humane Slaughter	Pain & suffering during slaughter	  	<i>Stunning and relatively fast slaughter process</i>



BLUEYOU OCEAN IMPACT TRACKER

METHODOLOGY FOR ASSESSMENT AND SCORING GUIDEPOST WILD CAUGHT SEAFOOD

Version 1.0 Oct 2023

Assessment Date:	November 20 2023	Species Name	Bigeye Tuna
Assessor Name:	Fabian Mollet	Country of Origin	Federated States of Micronesia
Unit of Origin Code:		Catch & Harvesting Area	Western Central Pacific
		Origin Type	Wild Capture Fisheries
		Farming / Fishing Method	Pelagic Longline (EU-LLD)
		Operation Type	Industrial offshore fishery

LIFE ON PLANET & NATURAL RESOURCES						Score	Comments and Remarks for Assessment
Impact Dimension	Parameter for Evaluation	Assesment Indicators and Metrics	Scoring Guidepost				
			1 Negative impact / Critical performance	2 Moderate impact / Acceptable performance	3 Positive impact / Good performance		
Climate Change Impact	LCA-based carbon footprint	Carbon Footprint in Kg CO ₂ eq. / kg final product on POS in market	High footprint (> 8.0 kg CO ₂ eq./kg product at store)	Moderate footprint (3.0 - 8.0 kg CO ₂ eq./kg product at store)	Low footprint (< 3.0 kg CO ₂ eq./kg product at store)	2	Currently under evaluation / based on literature, moderate PCF of 4 - 8 CO ₂ eq./kg product at store)
Ecosystems & Biodiversity	Biospere integrity and biodiversity loss	Biodiversity loss, ETP impact, overexploitation	Critical biodiversity loss OR significant mortality of ETP species, threatening ecosystem integrity OR stocks overexploited through fishery under assessment	Moderate risk for biodiversity loss, marginal mortality of ETP species, low risk of ecosystem integrity change, no overexploitation by the fishery under assessment	No risk for biodiversity loss, negligible mortality of ETP species, no risk of ecosystem integrity change, no overexploitation for any of the affected species	1	Stock status of BET within safe limits, but there are relatively high bycatch rates with critical impact on ETP species - as reference see the SFP 2022 report on longlining bycatch in the Pacific (https://drive.google.com/file/d/16RChKjL5C09y42ymou9p3qz16V576G2/view)
Habitat Degradation	Habitat system change due fishing gear impact	Destructiveness of fishing gear versus sensitivity of habitat	Irreversible damage and long term degradation to sensitive habitats	Moderate gear-seafood interaction, not highly sensitive habitat, causing some damage that is reversible	No gear-seafood interaction	3	No seafood interaction, no critical damage of VMEs
Freshwater Use	Depletion of freshwater	Use of freshwater and risk of depletion (feed and farming)	High consumption and critical risk for depletion	Moderate consumption / freshwater no depletion risk	No use of freshwater	3	No freshwater use
Eutrophication	Discharge of critical nutrients (N,P)	Risk of eutrophication in feed production and aquaculture	High risk (agriculture and aquaculture)	Moderate risk	Low / No Risk	3	No use and discharge of N-P compounds
Toxic Compounds	Pollution with chemicals and pesticides	Use of chemicals, pesticides, antibiotics and toxic compounds	Frequent and continous use as part of SOP	Moderate and occasional use under GAP	No use as part of SOP	3	No use and discharge of toxic compounds

PEOPLE & COASTAL COMMUNITIES						Score	Comments and Remarks for Assessment
Impact Dimension	Parameter for Evaluation	Assesment Indicators and Metrics	Scoring Guidepost				
			High risk	Moderate risk	Low risk		
Human Rights & Work Conditions	Human rights and decent work conditions	Risk for human right abuse and critical work conditions (fishing and processing)	High risk	Moderate risk	Low risk	1	Moderate to high risk in offshore industrial fleets
Workers' Safety	Safe working conditons along supply chain	Risk for critical working conditions on fishery fleet and processing level	High risk	Moderate risk	Low risk	2	Moderate safety at sea and in processing factories
Community Inclusiveness	Fair value and participation of communities	Level of involvement of local community in fishing operation and value chain	No / Low	Moderate	High	1	No inclusiveness of communities (Industrial fishery)

ANIMAL WELFARE						Score	Comments and Remarks for Assessment
Impact Dimension	Parameter for Evaluation	Assesment Indicators and Metrics	Scoring Guidepost				
			n.a.	n.a.	Default selector for wild caught seafood systems in their natural, wild environment) (species live		
Living Conditions & Quality of Life	Husbandry system which respects natural behaviour	Husbandry systems, species appropriate stocking densities, natural environment	n.a.	n.a.	Default selector for wild caught seafood systems in their natural, wild environment) (species live	3	Life in the wild, no husbandry systems
Capture, Harvesting & Handling	Reducing stress during harvesting & handling	Risk of exposure to prolonged stress, pain and injuries	High risk for prolonged stress during catch, pain and multiple injuries, high by-catch rates, risk for ghost gear mortalities	Moderate exposure to stress, improved handling and quick process of catch and handling	Optimized handling to reduce stress to minimum	2	Long soak time on the hook, fast hauling and slaughter
Stunning & Humane Slaughter	Stunning before slaughtering	Objective: Vertebrate and Decapod Crustacean are stunned prior to killing	No stunning and prolonged suffering prior to death	No stunning but moderate risk for prolonged suffering	Effective stunning in place within minimal time between stunning and slaughter	3	Stunning and relatively fast slaughter process