IMPACT DIMENSION IMPACT INDICATOR **PERFORMANCE RATIONALE**

Life on Planet & Natural Resources

Climate Change	Product Carbon Footprint (PCF)		Moderate PCF (3 - 8 kg CO ₂ eq./kg product at store)
Biodiversity Loss	Loss of biodiversity & biosphere integrity		Well managed but system inherent risks
Deforestation	Land use change due to deforestation		No direct risk, indirect risk through feed production
Freshwater Depletion	Risk for freshwater depletion		Moderate direct risk, indirect risk through feed production
Eutrophication	Discharge of nitrogen (N) and phosphorous (P)		High nutrient input through feed but well-managed
Toxic Compounds	Pollution with toxic chemicals and pesticides		Strict criteria for the use of chemicals and toxic compounds
Parala 0 Caratal Camana			

Human Rights	Human rights & decent work conditions	Low risk for human rights violations
Norkers' Safety	Exposure to health & safety hazards	Low risk for unsafe working conditions
Community Inclusiveness	Fair value chain participation by communities	Corporate farm, Fair Trade certified

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Animal Welfare		
Living Conditions	Husbandry system & rearing conditions	Moderate stocking density and low habitat structure
Physical Stress	Stress & injuries during rearing and harvesting	Moderate risk for stress during rearing and harvesting
Humane Slaughter	Pain & suffering during slaughter	No stunning before transfer to ice slurry



BLUEYOU OCEAN IMPACT TRACKER

METHODOLOGY FOR ASSESSMENT AND SCORING GUIDEPOST

FARMED SEAFOOD

Version 1.0 Oct 2023

December 26, 2023 Assessment Date: Jonas Walker A-PNV-3 Assessor Name: Unit of Origin Code:

Species Name Country of Origin Farming Area

Pacific Whiteleg Shrimp (Litopenaeus vannamei)
Indonesia
Lampung, South-Sumatra
Aquaculture
Semi-intensive Bond Aquaculture, ASC and Fair Trade USA Origin Type
Farming Method
Operation Type

Small Scale/Community based

LIFE ON PLANET & NATURA	AL RESOURCES						
mpact Dimension	Parameter for Evaluation	Asessement Indicators and Metrics	Scoring Guidepost			Score Comments and Ren	arks for Assessment
			1 Negative impact / Critical performance	2 Moderate impact / Acceptable performance	3 Positive impact / Good performance		
limate 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]	The Carbon Footprint has packaging at final retailer	seen assessed by an independent third party: 5.3kg CO2eq/kg edible product in fi
cosystems & Biodiversity	Biospere integrity and biodiversity loss	Biodiversity loss, ETP impact, wildlife interaction	Critical impact on habitats, wildlife and biodiversity through farming and feed inputs	Moderate impact on biodiversity and habitats through farming and feed inputs	Low impact or nature-positive food system		d and a thorough ecosystem impact assessment is conducted in the certification encompasses strict ecosystem criteria which have to be met in order to be certified
deforestation	Land system change due to deforestation	Deforestation of land for agriculture or aquaculture	Critical deforestation happening / no restoration efforts	Risk for deforestation (feed crops) / no restoration	No deforestation riks / active restoration ongoing	destruction of mangroves risk of direct deforestatio However, no active refore	have to comply with the cut-off date of 1999 (Ramsar agreement) after which no is allowed. This criterion is assessed by a third party using remote sensing data. The due to the farming operation after 1995 is therefore deemed to be negligible. Latation is conducted on farm level. Within the ASC Feed Standard, indirect ingredients is addressed and producers must commit to transition to deforestati January 2025.
reshwater 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		grow-out. The saline water used for the nursery and grow-out ponds is directly ding estuary. However, freshwater is used for the production of the crops used for
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		out. The ASC Standard encompasses strict criteria on water quality and effluent ing as well as setting upper limits for N and P loads for effluent waters.
oxic 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		tion and further chemical substances are allowed in the production period, howev of criteria which regulates the use of chemical substances and criteria which aim t roduction
PEOPLE & COASTAL COMM	Human rights and decent work conditions	Risk for human right abuse and critical work conditions	High risk	Moderate risk	Low risk		
						seafood industry	Trade USA certified and therefore adhere to the strictest social criteria in the
Norkers' Safety	Safe working conditons along supply chain	Risk for critical working conditions on farming and processing level	High risk	Moderate risk	Low risk	The farms are ASC and Fa	Trade USA certified and therefore adhere to the strictest social criteria in the Trade USA certified and, therefore, adhere to the strictest social criteria in the
Workers' Safety Community Inclusiveness	Safe working conditions along supply chain Fair value and participation of communities	Risk for critical working conditions on farming and processing level Level of involvement of local community in farming and value chain	High risk No / Low	Moderate risk Moderate	Low risk High	The farms are ASC and Fa seafood industry The aquaculture ponds ar shrimp production are dir which is generated throug	
Community Inclusiveness						The farms are ASC and Fa seafood industry The aquaculture ponds ar shrimp production are dir which is generated throught transferred to the local co	Trade USA certified and, therefore, adhere to the strictest social criteria in the managed by a community of small-scale farmers. Benefits generated through city creating impact on the local community. Further, the Fair Trade USA premium the based of Fair Trade USA-certified shimp products is collected and directly
·						The farms are ASC and Fa sestood industry The aquaculture ponds and serious production are for a serious production are for transferred to the local co. funds will be spent. The living conditions for to the relatively low such	Trade USA certified and, therefore, adhere to the strictest social criteria in the managed by a community of small scale farmen. Benefit generated through tricy creating impact on the local community, further, the far Trade USA premium the sales of fair Trade USA certified shring products is collected and directly peparative of shring farmers, which manages the received funds and decides how to the shring farmers, which manages the received funds and decides how to the shring in the respective aquasculture systems are deemed good. This is mostly dig dig density of around 25 FU/miz pond Surface. The use of aeration ensures high cut the water column for some consumers and the structure of
ommunity Inclusiveness	Fair value and participation of communities	Level of involvement of focal community in farming and value chain	No / Low No / Low Inappropriate husbandry, High risk for overcrowding and	Moderate	High	The farms are ACS and Fs sentended industry sentended industry should be sentended industry should be sentended industry should be sentended in the sentended in the sentended in the sentended industry should be spent. On the sentended in the sentended industry should be sentended in the sentended in the sentended industry should be sentended in the sentended in	Trade USA certified and, therefore, ashere to the strictest social criteria in the managed by a community of ranal-scale farmers. Benefit generated through tricy creating impact to the local community, further, the fair Trade USA certified shrimp products is collected and directly, social products of shrimp farmers, which manages the received funds and decides how the shrimp farmers, which manages the received funds and decides how the shrimp farmers, which manages the received funds and decides how the shrimp in the respective aquaculture systems are deemed good. This is mostly og density of around 25 PsLyIng Pondi Surface. The use of aeration ensures high or the water column for shower, shrimp goods who lover habitat structure than