



## Appendix A. ASC M&E Framework

Version 2.0

This framework represents our commitment to monitoring the indicators provided but does not prohibit from monitoring any additional indicators as opportunity presents. We recognize the framework as a dynamic tool for M&E that will evolve as ASC programmes and data collections evolve. Wherever possible, indicators will be tracked across production system, species, and geography, across varied temporal scales where appropriate. *Italicized metrics are in development.*

Data for tracing identified according to data availability levels.

- Level 1: Data are accessible
  - Level 2: Data are available though not systematically collected and maintained for accessibility, and/or rely on external data sources
  - Level 3: Data not currently available, anticipated for collection through ASC initiatives
1. ISEAL CC

Indicators are aligned to the [ISEAL Common Core Indicators](#) (2012), and the United Nations (UN) 17 Sustainable Development Goals (SGDs).

Indicator category	Impact Area	Indicator	Metrics	Level			Alignment	
				1	2	3	ISEAL CC	SDG
Growth and Reach	Production Characteristics	Certified Farms	# species in production; types of production systems	●			D2, D3, D4	SDG 2
Growth and Reach	Production Characteristics	Certified Farms	Farm size; area allocated to production		●		E1, E2	
Growth and Reach	Production Characteristics	Farms and CoC holders position/s in the value chain	Categorization of the group according to the value chain activity/activities that it undertakes: (1) production/extraction only, (2) post-harvest processing, (3) product transformation, (4) trade/retailing	●			C2, E4	
Growth and Reach	Production Characteristics	CoC holders	# CoC certificate holders/ species; suspended; leaving the program		●		A1, A2, A4, A5	
Growth and Reach	Market Characteristics	License holders	# logo license holders	●				
Growth and Reach	Market Characteristics	Labelled products	# products with ASC logo (Active CF); per species; per product type; per market	●			A3	
Growth and Reach	Market Characteristics	Market adoption	# markets (receptive/less receptive)/ countries	●				SDG 12
Growth and Reach	Market Characteristics	Market adoption	Consumer facing product volume (as reported via TDs); volume sold in market	●				SDG 12
Growth and Reach	Market Characteristics	Market Adoption	Annual cumulative royalty income generated in market	●				
Growth and Reach	Production Characteristics	Certification Status	# farm sites certified; in-assessment; suspended; leaving the program; multi-site certifications; small-holders; per year and monthly		●		A1, A2, A4, A5, A8	

Indicator category	Impact Area	Indicator	Metrics	Level			Alignment	
				1	2	3	ISEAL CC	SDG
Growth and Reach	Production Characteristics	Certification Status	# UoCs under group certifications; certified; in-assessment; suspended; leaving the program		●		A1, A2, A4, A5	
Growth and Reach	Production Characteristics	Certification Status	# Feed mills certified in-assessment; suspended; leaving the program; multi-site certifications			●		
Growth and Reach	Programme Characteristics	Standards Scope	# species covered by ASC standards	●				
Growth and Reach	Programme Characteristics	Production Statistics	Volume of certified production/ species/ country; # species covered by ASC standards	●			E3, J1	SDG 2
Growth and Reach	Programme Characteristics	Production Statistics	Volume of ASC certified seafood production as a proportion of global production	●			E3	SDG 2, 14
Growth and Reach	Programme Characteristics	Production Statistics	Volume of certified seafood production sold as certified			●	K2	
Growth and Reach	Programme Characteristics	Production Statistics	Volume of certified feed			●	E3, J1	SDG 2
Growth and Reach	Programme Characteristics	Production Statistics	Volume of certified feed sold as certified			●	K2	SDG 14
Growth and Reach	Programme Characteristics	Other certifications	sustainability certifications held by the certified entity	●			A7	
Growth and Reach	Programme Characteristics	Workers	# workers working at certified farms/species/country; Gender of the farmer/landowner/ decision maker	●			A6, E5	SDG 8
Growth and Reach	Programme Accessibility	Access to certification	# small-scale farms certified			●		SDG 10
Growth and Reach	Programme Accessibility	Access to certification	# farm sites in improvement			●		

Indicator category	Impact Area	Indicator	Metrics	Level			Alignment	
				1	2	3	ISEAL CC	SDG
Growth and Reach	Programme Accessibility	Access to certification	<i>Volume of production in improvement</i>			●		
Growth and Reach	Programme Accessibility	Access to certification	<i>Volume certified production in improvement as a proportion of global production</i>			●		SDG 10
Strategy	Programme Assurance	Stakeholder engagement	# of public consultations / stakeholder groups / topic area	●				
Strategy	Programme Assurance	Stakeholder engagement	Audit public comments received / stakeholder groups represented		●			
Strategy	Programme Assurance	Accreditation process	# CoC certificate suspended; # farm certificates suspended; # accreditation suspensions	●				
Strategy	Programme Assurance	Certification Process	QAs: # per theme; # days to closure VRs: # per theme; # days to closure	●				NA
Strategy	Programme Credibility	Incidence of nonconformity	# major & minor non-conformances across supply chain; at farm across certification and surveillance audits	●				NA
Sustainability	Economic Sustainability	Revenue from focus crop	<i>Perception of the satisfaction with the profitability of the certified/verified product</i>			●	K9	
Sustainability	Economic Sustainability	Farmer well being	<i>Perceived change in economic situation since entry into programme</i>			●	L3	SDG 1
Sustainability	Economic Sustainability	Feed use efficiency	# kg feed used per kg fish produced (bFCR) and harvested (eFCR)			●	U2	SDG 14

Indicator category	Impact Area	Indicator	Metrics	Level			Alignment	
				1	2	3	ISEAL CC	SDG
Sustainability	Environmental Sustainability	Incidence of nonconformity	# major & minor non-conformances per species, country, total, by environmental impact area	●				NA
Sustainability	Environmental Sustainability	Water quality	kg N/P in effluent per ton fish			●		SDG 6
Sustainability	Environmental Sustainability	Water quality	Diurnal Oxygen per species, country against requirement			●		SDG 6
Sustainability	Environmental Sustainability	Impacts on the Seafloor	<i>In development</i>			●		SDG 14
Sustainability	Environmental Sustainability	Wildlife & escapes	# of escape event relative to production volume; mortality / survival rate relative to production volume			●		SDG 14
Sustainability	Environmental Sustainability	Wildlife & escapes	# mortalities (accidental/intentional) of wildlife by category			●		SDG 14
Sustainability	Environmental Sustainability	Habitat	<i># ha restored/newly planted mangrove</i>			●		SDG 11, 13, 15
Sustainability	Environmental Sustainability	Habitat	# and area of farms sited in proximity to protected areas, by PA designation	●				SDG 11, 13, 15
Sustainability	Environmental Sustainability	Habitat	<i>Producer-level change in area under conservation management (as a measure of deforestation)</i>			●		SDG 11, 13, 15
Sustainability	Environmental Sustainability	Habitat	<i>Supply chain zero deforestation commitments (as number or proportion)</i>			●		SDG 11, 13, 15
Sustainability	Environmental Sustainability	Habitat	<i>Area in conservation management areas or set asides</i>			●	T1	SDG 6, 15
Sustainability	Environmental Sustainability	Biodiversity	<i>Retention of natural habitat across areas occupied by certified entities</i>			●		SDG 11, 13

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				1	2	3	ISEAL CC	SDG
Sustainability	Environmental Sustainability	Biodiversity	<i>Initiatives and investments - by ASC, in supply chain</i>		●			SDG 11, 13
Sustainability	Environmental Sustainability	Fish health management	# farms using non-chemical treatments			●		
Sustainability	Environmental Sustainability	Fish health management	kg chemicals/antibiotics used per kg/tonnes of fish			●		
Sustainability	Environmental Sustainability	Feed use efficiency	ratio of wild capture used in feed; proportion of alternative proteins in feed			●		SDG 2
Sustainability	Environmental Sustainability	Feed origins and Traceability	<i>% certified farms using ASC Feed</i>			●		SDG 2, 14
Sustainability	Environmental Sustainability	Energy Use & GHG	<i>Cumulative energy demand: Total consumption of energy on-farm; direct and indirect (KJ/kg)</i>			●		SDG 7
Sustainability	Environmental Sustainability	Energy Use & GHG	<i>All direct emissions: Direct on-site emissions, per kg live weight, primarily from consumption of energy carriers like diesel. (kg CO2-eq / kg) [Scope 1]</i>			●		SDG 7
Sustainability	Environmental Sustainability	Energy Use & GHG	<i>Indirect emissions: Emissions, per kg live weight, from off-site energy generation for electricity, district heating, etc. (kg CO2-eq / kg) [scope 2]</i>			●		SDG 7
Sustainability	Environmental Sustainability	Energy Use & GHG	<i>All other indirect emissions: Emissions, per kg live weight, from production of inputs (materials, chemicals, fuels, etc.) (kg CO2-eq / kg) [scope 3]</i>			●		SDG 7
Sustainability	Environmental Sustainability	Fish Welfare	<i>In development</i>			●		SDG 14

Indicator category	Impact Area	Indicator	Metrics	Level			Alignment	
				1	2	3	ISEAL CC	SDG
Sustainability	Social Responsibility	Incidence of nonconformity	# major & minor non-conformances per species, country, total, by social impact area	●				NA
Sustainability	Social Responsibility	Health and safety	Farm safety: # on site related accidents		●			
Sustainability	Social Responsibility	Health and safety	Farm conditions: # workers trained on H&S issues as related to their areas of work; # trainings		●		F1	SDG 4
Sustainability	Social Responsibility	Working Hours & Overtime	% of overtime compensation paid at premium rate (125%)		●			SDG 1, 8
Sustainability	Social Responsibility	Fair and Transparent Wages	% of workers receiving a living wage			●		SDG 1, 8
Sustainability	Social Responsibility	Fair and Transparent Wages	lowest weekly wage for different types of workers			●		SDG 1, 8
Sustainability	Social Responsibility	Community relations	Community representation during assessment			●		SDG 9, 16
Sustainability	Social Responsibility	Child Labour	NCs closed/remediation; certificate reinstated	●				NA
Sustainability	Social Responsibility	Forced Labour	NCs closed/remediation; certificate reinstated	●				NA
Sustainability	Social Responsibility	Forced Labour	Public commitment to eliminating forced labour in supply chain			●		
Sustainability	Social Responsibility	Farmer well being	Perceived change in quality of life			●	P3	
Sustainability	Social Responsibility	Empowerment of employees	# people (with gender separation) in leadership; committees			●	B1	SDG 1, 5
Sustainability	Social Responsibility	Empowerment of employees	Access to (membership in) freedom of association; collective bargaining; worker organisations			●		SDG 8

Indicator category	Impact Area	Indicator	Metrics	Level			Alignment	
				1	2	3	ISEAL CC	SDG
Sustainability	Social Responsibility	Empowerment of employees	Attendance to training on workers' rights, human rights			•	F1	SDG 4