Indicators	Related criteria	Unit	Calculation	Scales	Thresholds values propose	Threshold values	Automatic scaling
On farm energy efficiency	Environmental sustainability: Productivity of energy used Economic sustainability: Resources productivity	MWh/Ton	5,33	Very High	Less than 0.5 MWh/T	0,5	Very Low
				High	Between 0.5 and 1 MWH/T	0,5	
				Medium	Between 1 and 1.5 MWh/T	1	
				Low	Between 1.5 and 5 MWh/T	1,5	
				Very Low	More than 5MWh/T	5	
Total feed conversion rate	Economic sustainability: Resources productivity Environmental sustainability: Feed efficiency	kg/kg	1,02	Very High	More than 2.2	2,2	Very Low
				High	Between 1.8 and 2.2	2,2	
				Medium	Between 1.6 and 1.8	1,8	
				Low	Between 1.3 and 1.6	1,6	
				Very Low	Less than 1.3	1,3	
Labour productivity	Economic sustainability: Resources productivity	#	3,3	Very High	More than 2	2	Very High
				High	Between 1.5 and 2	2	
				Medium	Between 1.25 and 1.5	1,5	
				Low	Between 1 and 1.25	1,25	
				Very Low	Less than 1	1	
Production loss	Economic sustainability: Production management Social sustainability: Production of quality-based products Environmental sustainability: Limit organic wastes production	%	0,8%	Very High	More than 40%	0,4	Very Low
				High	Between 30 and 40%	0,4	
				Medium	Between 20 and 30%	0,3	
				Low	Between 10 and 20%	0,2	
				Very Low	Less than 10%	0,1	
Nutritional quality	Economic sustainability: Production management Social sustainability: Production health management	g [EPA + DHA]/100g	20	Very High	More than 25g/100g	25	High
				High	Between 20 and 25g/100g	25	
				Medium	Between 15 and 20g/100g	20	
				Low	Between 10 and 15g/100g	15	
				Very Low	Less than 10 g/100g	10	
Average sales prices	Economic sustainability: Production cost adequacy to sales prices	€/kg	10	Very High	More than 6.5€/kg	6,5	Very High
				High	Between 5.5 and 6.5€/kg	6,5	
				Medium	Between 4.5 and 5.5€/kg	5,5	
				Low	Between 4 and 4.5€/kg	4,5	
				Very Low	Less than 4€/kg	4	
Paid labour costs	Economic sustainability: Production cost	€/kg	1,1	Very High	More than 1€/kg	1	Very High
				High	Between 0.8 and 1€/kg	1	
				Medium	Between 0.6 and 0.8	0,8	
				Low	Between 0.4 and 0.6€/kg	0,6	
				Very Low	Less than 0.4€/kg	0,4	
Feed costs	Economic sustainability: Production cost	€/kg	1,8	Very High	More than 2€/kg	2	High
				High	Between 1.7 and 2€/kg	2	
				Medium	Between 1.5 and 1.7€/kg	1,7	
				Low	Between 1.3 and 1.5€/kg	1,5	
				Very Low	Less than 1.3€/kg	1,3	
Juveniles and seedling costs	Economic sustainability: Production cost	€/kg	0,1	Very High	More than 1.1€/kg	1,1	Very Low
				High	Between 0.9 and 1.1€/kg	1,1	
				Medium	Between 0.7 and 0.9€/kg	0,9	
				Low	Between 0.5 and 0.7€/kg	0,7	
				Very Low	Less than 0.5€/kg	0,5	
Net Present Value	Economic sustainability: Profitability	€	4546362	High	> 0	0	High
				Medium	= 0	0	
				Low	< 0	0	
Internal Rate of Return	Economic sustainability: Profitability	€	87%	High	> 6 %	6%	High
				Medium	= 6 %	6%	
				Low	< 6 %	6%	
Subsidies weight	Economic sustainability: Economic dependency	€/kg	0	High	More than 0.42€/kg	0,42	Low
				Medium	Between 0.22 and 0.42€/kg	0,42	
				Low	Less than 0.22€/kg	0,22	
Emergy Yield Ratio	Environmental sustainability: Use local resources Economic sustainability: Resources dependency	#	1,07	High	More than 2	2	Low
				Medium	Between 1,1 and 2	2	

	Economic sustainability: Resources dependency			Low	Less than 1,1	1,1	
Production diversification	Economic sustainability: Level of sensitivity to pathology risks Environmental sustainability: To foster polyculture and integration of natural cycles	#	1	High Medium Low	More than 5 species Between 2 and 5 species 1 specie	5 5 2	Low
Biosecurity and good practices	Social sustainability: Respect of animal welfare Economic sustainability: Level of sensitivity to pathology risks Environmental sustainability: Protection of local fauna and flora	#	4	High Medium Low	More than 3 2 or 3 0 or 1	4 4 2	High
Resistance to environmental constraints	Economic sustainability: Vulnerability	#	11	Very High High Medium Low Very Low	Less than 60% Between 6 and 12 Between 12 and 18 Between 18 and 24 More than 24	6 12 18 24 24	High
Specialization rate	Economic sustainability: Resistance to commercial risks	%	100,00%	High Medium Low	More than 80% Between 50 and 80% Less than 50%	0,8 0,8 0,5	High
Independence towards suppliers	Economic sustainability: Resistance to commercial risks Social sustainability: Quality of the relationship with suppliers and customers	#	0	High Medium Low	More than 50% Between 30% and 50% Less than 30%	0,5 0,5 0,3	Low
Independence towards customers	Economic sustainability: Resistance to commercial risks Social sustainability: Quality of the relationship with suppliers and customers	%	17,86%	High Medium Low	Less than 25% Between 25 % and 50% More than 50%	0,25 0,5 0,5	High
Fish in Fish out Ratio	Environmental sustainability: Use sustainable resources for feed Economic sustainability: Resistance to commercial risks	#	5,7	Very High High Medium Low Very Low	More than 6 Between 4.5 and 6 Between 3 and 4.5 Between 1.5 and 3 Less than 1.5	6 6 4,5 3 1,5	High
Interactions with professional institutions	Social sustainability: Quality of the relationship with professional institutions	NU	Option 1	High Medium Low	More than one interactions with More than one interactions with Only one interaction (or less) wit	Option 3 Option 2 Option 1	Low
Professional involvement	Social sustainability: Quality of the relationship with professional institutions	#	3	High Medium Low	More than 5 Between 1 to 4 No participation	5 5 1	Medium
Workload	Social sustainability: Guarantee of staff protection and fulfilment	h/FTE/year	2000	High Medium Low	More than 2200h Between 1600 and 2200h Less than 1600h	2200 2200 1600	Medium
Health and safety	Social sustainability: Guarantee of staff protection and fulfilment	# days lost / 1000 hours	0,75	High Medium Low	More than 2 Between 1 and 2 Less than 1	2 2 1	Low
Job difficulty appreciation	Social sustainability: Guarantee of staff protection and fulfilment	NU	Option 2	High Medium Low	The system is complex and requi The system is quite complex but The system is not complex and ca	Option 3 Option 2 Option 1	Medium
Labour remuneration	Social sustainability: Guarantee of staff protection and fulfilment	NU	1,64	High Medium Low	More than 1.5 Between 1 and 1.5 Less than 1	1,5 1,5 1	High
Working status	Social sustainability: Conditions of employment	NU	100,00%	High Medium Low	More than 80% Between 60 and 80% Less than 60%	0,8 0,8 0,6	High
Education level	Social sustainability: Conditions of employment	NU	100,00%	High Medium Low	More than 30% Between 10 and 30% Less than 10%	0,3 0,3 0,1	High
Gender equality	Social sustainability: Conditions of employment	NU	Option 3	High Medium Low	More than 30% with no differenc More than 30% with difference o Less than 30% or difference of sa	Option 1 Option 2 Option 3	Low
Employment of worker with handicap	Social sustainability: Conditions of employment	NU	Yes	Yes No			Yes
Fish physical damages	Social sustainability: Respect animal welfare	%	10,00%	High Medium	More than 20% Between 4% and 20%	0,2 0,2	Medium

				Low	Less than 4%	0,04	
Stocking density	Social sustainability: Respect animal welfare	%	20	High	More than 45 kg/m³	45	Low
				Medium	Between 22 and 45 kg/m³	45	
				Low	Less than 22kg/m³	22	
Assured supply of food products	Social sustainability: Contribution to food security	Ton of Dry Matter/FTE	7,8	Very High	More than 17,5 T/FTE	17,5	Medium
				High	Between 12,5 and 17,5 T/FTE	17,5	
				Medium	Between 7,5 and 12,5 T/FTE	12,5	
				Low	Between 2,5 and 7,5 T/FTE	7,5	
				Very Low	Less than 2,5 T/FTE	2,5	
Accessibility of products	Social sustainability: Contribution to food security	#	6,57	Very High	Less than 4	4	Very Low
				High	Between 4 and 4.5	4,5	
				Medium	Between 4.5 and 5.5	5,5	
				Low	Between 5.5 and 6.5	6,5	
				Very Low	More than 6.5	6,5	
Contribution to employment	Social sustainability: Contribution to the local development	FTE/100000 €	0,36	Very High	More than 1.2 FTE/100000€	1,2	Very Low
				High	Between 0.9 and 1.2 FTE/100000	1,2	
				Medium	Between 0.7 and 0.9 FTE/100000	0,9	
				Low	Between 0.4 and 0.7 FTE/100000	0,7	
				Very Low	Less than 0.4 FTE/100000€	0,4	
Feedstuff locally produced	Environmental sustainability: Use local resources Social sustainability: Contribution to the local development	%	0,00%	High	More than 60%	0,6	Low
				Medium	Between 40 and 60%	0,6	
				Low	Less than 40%	0,4	
Education contribution	Social sustainability: Contribution to the local development	NU	Option 2	High	At least one trainee hired and [at	Option 1	Medium
				Medium	At least one trainee hired or at le	Option 2	
				Low	No trainee hired and no educatio	Option 3	
Health costs	Environmental sustainability: Negative local impact on ecosystems	€/kg	0,18	High	More than 0.06€/kg	0,06	High
				Medium	Between 0.04 and 0.06€/kg	0,04	
				Low	Less than 0.04€/kg	0,04	
Total Nitrogen emissions	Environmental sustainability: Negative local impact on ecosystems	kg/Ton	22,72424615	High	More than 94kg/T	94	Low
				Medium	Between 40 and 94 kg/T	94	
				Low	Less than 40 kg/T	40	
Suspended solid emissions	Environmental sustainability: Negative local impact on ecosystems	kg/Ton	57,69	High	More than 405kg/T	405	Medium
				Medium	Between 57 and 405 kg/T	405	
				Low	Less than 57 kg/T	57	
On farm ground surface used	Environmental sustainability: Negative local impact on ecosystems	m²/Ton	272,31	High	More than 4 m²/T	4	High
				Medium	Between 0.2 and 4 m²/T	4	
				Low	Less than 0.2m²/T	0,2	
Global warming potential	Environmental sustainability: Negative global impact on ecosystems	ton CO2 eq. / ton	3,14	Very High	More than 8 T/T	8	Low
				High	Between 6 and 8 T/T	8	
				Medium	Between 4.5 and 6 T/T	6	
				Low	Between 2 and 4.5 T/T	4,5	
				Very Low	Less than 2T/T	2	
Acidification potential	Environmental sustainability: Negative global impact on ecosystems	kg SO2 eq. / Ton	12,8	High	More than 35kg/T	35	Low
				Medium	Between 15 and 35kg/T	35	
				Low	Less than 15kg/T	15	
Eutrophication potential	Environmental sustainability: Negative global impact on ecosystems	kg PO43-éq/Ton	34,3	High	More than 70kg/T	70	Low
				Medium	Between 35 and 70kg/T	70	
				Low	Less than 35kg/T	35	
Percentage of renewability	Environmental sustainability: Use sustainable natural resources	%	10,66%	High	More than 40%	0,4	Low
				Medium	Between 20 and 40%	0,4	
				Low	Less than 20%	0,2	
Percentage of wild juveniles and plants used	Environmental sustainability: Use sustainable natural resources	%	0,00%	High	More than 50%	0,5	Low
				Medium	Between 10 and 50%	0,5	
				Low	Less than 10%	0,1	
Water demand	Environmental sustainability: To limit the use of resources	m³/kg	124	High	More than 125m³/kg	125	Medium
				Medium	Between 10 and 125 m³/kg	125	
				Low	Between 1 and 10 m³/kg	10	

				Very Low	Less than 1m³/kg	1	
Net primary production use	Environmental sustainability: To limit the use of resources	kg C éq/kg	32	High	More than 85kg/kg	85	Medium
				Medium	Between 15 and 85 kg/kg	85	
				Low	Less than 15kg/kg	15	
Global land competition	Environmental sustainability: To limit the use of resources	m²/Ton	1000	Very High	More than 5500m²/T	5500	Low
				High	Between 2500 and 5500 m²/T	5500	
				Medium	Between 1500 and 2500 m²/T	2500	
				Low	Between 800 and 1500m²/T	1500	
				Very Low	Less than 800m²/T	800	
Total cumulative energy demand	Environmental sustainability: To limit the use of resources	GJ/Ton	105,8	Very High	More than 110GJ/T	110	High
				High	Between 70 and 110 GJ/T	110	
				Medium	Between 45 and 70 GJ/T	70	
				Low	Between 30 and 45 GJ/T	45	
				Very Low	Less than 30GJ/T	30	
Percentage of nitrogen derived from co-products	Environmental sustainability: Limit production wastes and increase recycling	%	0,0%	High	More than 50%	0,5	Low
				Medium	Between 20 and 50%	0,5	
				Low	Less than 20%	0,2	
Percentage of phosphorus recovered	Environmental sustainability: Limit production wastes and increase recycling	%	18,00%	High	More than 30%	0,3	Medium
				Medium	Between 10 and 30%	0,3	
				Low	Less than 10%	0,1	
Percentage of renewable energy used	Environmental sustainability: To limit the use of resources	%	0,00%	High	More than 50%	0,5	Low
				Medium	Between 20% to 50%	0,5	
				Low	Less than 20%	0,2	
Nitrogen use efficiency	Environmental sustainability: Feed efficiency	%	58,38%	High	More than 30%	0,3	High
				Medium	Between 15 and 30%	0,3	
				Low	Less than 15%	0,15	
Predator control	Environmental sustainability: Protection of local fauna and flora species	NU	Option 1	Not accepta	Use of lethal predator control (op	Option 1	Not acceptable
				Acceptable	Non-use of lethal predator contro	Option 2	
Multi-trophic integration	Environmental sustainability: To foster polyculture and integration of natural cycles	#	1	High	3 trophic levels or more	3	Low
				Medium	2 trophic levels	3	
				Low	1 trophic level	2	
Escapees management	Environmental sustainability: Maintenance of genetic diversity	%	0,00%	High	More than 4%	0,04	Low
				Medium	Between 0.5% and 4%	0,04	
				Low	Less than 0.5%	0,005	