

Aquaculture Unit

Classification on ENCORE			Value chain					
GICS Sector	GICS Sub Sector	ENCORE Process	Procurement	Production	Harvesting	Processing & Manufacturing	Distribution	Sales
Daily necessities	agricultural products	natural seawater fishery	Feed for farmed fish (marine fish)	Natural seedling				
Daily necessities	agricultural products	aquaculture		Artificial seedling (with external procurement)	Aquaculture			
Consumer Goods and Services	Food packaging and meat	Processed Food and Beverage Manufacturing				Processing factory, packaging containers		
Daily necessities	Food distribution industry operator	distribution					Transport	
Capital goods and services	Marine transportation	maritime shipping					Port operations (cargo handling etc.)	
Consumer Goods and Services	Food packaging and meat	Processed Food and Beverage Manufacturing						
Daily necessities	Food Retail Industry	Infrastructure ownership						Food processing companies, wholesalers and retailers
Daily necessities	Large supermarket and supermarket	Infrastructure ownership						Super markets

	Maruha Nichiro (Aquaculture Unit) Operation Area
	Activities assumed to have a high dependency on and impact from nature (VH of 2 or higher in the ENCORE assessment)

Aquaculutre Unit Process-Specific Dependency Assessment Matrix

Dependency	Procurement			Processing & Manufacturing	Distribution · Sales	
Ecosystem services	natural seawater fishery	Aquaculture	Processed Food and Beverage Manufacturing	distribution	maritime shipping	Infrastructure ownership
Animal-derived energy	NA	NA	NA	NA	NA	NA
Bioremediation (decompositon of pollutants , etc)	NA	M	L	NA	NA	VL
Buffering and attenuation of material flows	M	M	NA	NA	NA	NA
Disease control	NA	M	NA	NA	NA	NA
Fibers and other materials	NA	VH	NA	NA	NA	NA
Filtration	NA	L	NA	NA	NA	NA
Protection from floods and storms	NA	H	NA	M	H	NA
Genetic resources	M	VL	NA	NA	NA	NA
Atmosphere regulation	NA	H	NA	H	VH	NA
Groundwater	NA	VL	VH	NA	M	NA
Soil stabilization and erosion prevention	VL	H	NA	M	NA	L
Maintenance of habitats and growth	VH	M	NA	NA	NA	NA
Pest control	L	M	NA	NA	NA	NA
Pollination	NA	NA	NA	NA	NA	NA
Soil quality	VL	VL	NA	NA	N	NA
Surface water	VH	M	VH	NA	M	NA
Water flow regulation	NA	H	NA	NA	NA	NA
Mitigation of sesory impacts	NA	NA	L	NA	NA	NA
Air circulation	VL	M	NA	NA	NA	NA
Water quality	VH	H	L	NA	M	NA
Dilution byt the atomosphere and ecosystem	VL	M	L	NA	NA	NA

Aquaculutre Unit Process-Specific Impact Assessment Matrix

Impact	Procurement			Processing & Manufacturing	Distribution · Sales	
Impact Driver	natural seawater fishery	Aquaculture	Processed Food and Beverage Manufacturing	distribution	maritime shipping	Infrastructure ownership
Disturbance	NA	NA	NA	H	H	NA
Freshwater ecosystem use	NA	VH	NA	NA	NA	NA
Greenhouse gas emissions	NA	NA	H	H	H	NA
Marine ecosyste use	VH	H	NA	M	H	NA
Air pollution other then GHG	NA	NA	NA	H	NA	M
Other resource use	H	NA	NA	NA	NA	NA
Soil pollution	NA	H	M	L	H	H
Soil waste	NA	NA	H	NA	NA	M
Terrestrial ecosystem use	NA	NA	NA	NA	NA	NA
Water pollution	M	H	M	L	H	H

Water use	NA	NA	H	NA	NA	H
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