

ID Concern [reg.]	Category / Element	Risk Short Title	Description	Desired Outcome	Current Situation	Proposed Strategy	Risk (three-part) Statement			Current Risk			Response	Mitigating Action / Response					Manageability	Residual Risk	Risk Owner	Target Review Date	Close Date	Last Review Date Notes								
							Cause	Risk Event [uncertainty]	Consequence	Probability	Impact	Score (PxI)		Mitigating Action / Response																		
														ID	Action	Action Owner	Due Date	Close Date														
C00007	T2 Design / Eng.	Integration Risk of Modular Refining Tech	CubeSpawn modular tech is core to plastic processing, but coastal deployment may face mechanical and environmental design challenges.	Reliable, efficient integration of CubeSpawn systems at coastal facilities	CubeSpawn is in development and has not been deployed in a marine environment	Conduct pilot testing in Palawan with real-time PHC logging and engineering review	Lack of real-world coastal deployment testing	Failure of modular system to meet required throughput	Delay in processing waste and ESG reporting backlogs	4	3	12	H-1 C-1 Q-3 S-3	Mitigate	#1	Engineering review.	Jones, James	09May25	Open	5	9	Knight, Tony	31Dec25	Open	09Apr25							
				Could Go Wrong?	Tech failure or inefficient throughput causes waste backlog									#2	Set up pilot testing.	Jones, James	09May25	Open														
C00016	C5 Suppliers / Vendors	Dependence on Limited Coastal Tech Vendors	Specialized equipment and CubeSpawn modules may have limited supply chain depth	Reliable multi-source supply of core systems	CubeSpawn is the preferred vendor; backups not secured	Qualify secondary vendors and modular alternatives	Niche, early-stage technology	Equipment not delivered or maintained	Processing bottlenecks and cleanup delay	1	1	1	H-1 C-1 Q-1 S-1	Mitigate								1	1	Knight, Tony	Open							
C00025	M8 Project Quality	Inconsistent Cleanup and Tree Planting Standards	Varying local contractor quality may lead to ESG metric failures	Standardized quality benchmarks applied across locations	Early crews trained; no global QA system	Implement PHC-linked QA checklist and assign quality auditors	Lack of quality enforcement protocol	Projects fall short of verification thresholds	Lost trust from investors and clients	1	1	1	H-1 C-1 Q-1 S-1	Mitigate								1	1	Knight, Tony	Open	Relates to C00004 - Community engagement sustainability over multi-year deployments						
				Could Go Wrong?	Cleanups fail ESG verification; mangrove mortality rates spike																											
C00032	R7 Workforce Availability / Capability	Skill Gaps in Coastal Clean-Up and Reforestation	Local labor may not have experience in marine recovery or eco-planting methods	Skilled, trained workforce embedded in local communities	Volunteer enthusiasm high, but technical skills vary	PHC-linked training logs and modular field courses	New field, little local training available	Mangrove die-off	ESG score fails third-party audit targets	1	1	1	H-1 C-1 Q-1 S-1	Mitigate								1	1	Knight, Tony	Open							
				Could Go Wrong?	Low-quality outcomes from untrained crews																											