## RISKS

**Risk Breakdown Structure (RBS)**

| RBS | Count |
|-----|-------|
| All | 33 |
| Technical | 8 |
| Commercial | 9 |
| Management | 8 |
| Regional | 8 |

**All Classifications**

**Open**

33

| Open | Closed | Proposed |
|------|--------|----------|
| 29 | 4 | 0 |

| | H | M | L |
|---|---|---|---|
| (current) | 1 | 2 | 26 |
| (residual) | 0 | 3 | 26 |

**Top Risks**

| | H | M | L |
|---|---|---|---|
| (current) | 1 | 2 | 0 |

| | | | |
|---|---|---|---|
| Risks Overdue | 0 | [not assigned] | 0 |
| Actions Overdue | 0 | Dormant | 26 |
| Risks Need Review | 0 | No Action Plan | 26 |
| Actions Need Review | 0 | | |

**Since Last 30 days**

| | Opened | Closed |
|---|--------|--------|
| Risks | 0 | 0 |
| Actions | 0 | 0 |

| ID | RBS | Title | Owner | Current | Residual | Notes |
|----|-----|-------|-------|---------|----------|-------|
| C00014 [] | C3 | Shortfall in Initial $2.5M Seed Raise | Almeida, Gustavo | 16 | 12 | Pitch materials are strong, but capital is not yet secured |
| C00007 [] | T2 | Integration Risk of Modular Refining Tech | Knight, Tony | 12 | 9 | CubeSpawn is in development and has not been deployed in a marine environment |
| C00029 [] | R4 | Access Limitations to Port and Processing Sites | Goswami, Gyotrimoy | 9 | 6 | Only Narra site is scoped and surveyed |
| C00001 [] | R1 | Operational Downtime from Extreme Weather | Jones, James [dormant] [no Action Plan] | 1 | 1 | Climate risks noted; no detailed fleet weather SOP |
| C00006 [] | T1 | Scope Expansion Risk Due to ESG Service Demand | Winter, David [dormant] [no Action Plan] | 1 | 1 | ESG interest is increasing as regional partners seek impact delivery beyond Palawan. |
| C00008 [] | T3 | NFT Impact Verification Delays | Khan, Tahira [dormant] [no Action Plan] | 1 | 1 | Relates to C00005 - Risk of greenwashing accusations if blockchain data isn't properly maintained |
| C00009 [] | T4 | Port and Processing Center Delays | Jones, James [dormant] [no Action Plan] | 1 | 1 | Site planning is underway, but construction permits and logistics are pending |
| C00010 [] | T5 | Initial Token Launch Vulnerabilities | Honkanen, Kari [dormant] [no Action Plan] | 1 | 1 | Refers to C00003 - Funding gaps or delays in IEO / NFT sales |
| C00011 [] | T6 | Fleet Supply Chain Risk from Island Geography | Harakat, Abu Bakr [dormant] [no Action Plan] | 1 | 1 | No centralized supply hubs established yet |
| C00012 [] | C1 | ESG Token-Based Model Validation Risk | Goswami, Gyotrimoy [dormant] [no Action Plan] | 1 | 1 | Business case is compelling on paper, but market-tested examples are scarce |
| C00013 [] | C2 | Misalignment Between ESG Client Expectations and GF Deliverables | Dizon, Alona [dormant] [no Action Plan] | 1 | 1 | Service scope defined, but market signals broader desires |

| ID | RBS | Title | Owner | Current | Residual | Notes |
|---|---|---|---|---|---|---|
| C00015 [] | C4 | Unit Cost Overruns from Regional Variability | Winter, David [dormant] [no Action Plan] | 1 | 1 | Philippine costs mapped, future sites not |
| C00016 [] | C5 | Dependence on Limited Coastal Tech Vendors | Knight, Tony [dormant] [no Action Plan] | 1 | 1 | CubeSpawn is the preferred vendor; backups not secured |
| C00017 [] | C6 | Cross-Jurisdiction ESG Service Contracts | Khan, Tahira [dormant] [no Action Plan] | 1 | 1 | Relates to C00002 - Regulatory shifts (ESG reporting, crypto laws, maritime codes) |
| C00018 [] | C7 | FX Risk on Local Ops and Global ESG Sales | Jones, James [dormant] [no Action Plan] | 1 | 1 | No FX hedge mechanism in place |
| C00019 [] | C8 | Unclear Tax Status of Impact NFTs | Honkanen, Kari [dormant] [no Action Plan] | 1 | 1 | Token/NFT tax advice varies by country |
| C00020 [] | M1 | Complexity of Multinational PHC Governance | Harakat, Abu Bakr [dormant] [no Action Plan] | 1 | 1 | Initial deployment limited to Palawan, with global expansion planned |
| C00021 [] | M2 | Undefined Chain of Command in Hybrid DAO/Board Ecosystem | Goswami, Gyotrimoy [dormant] [no Action Plan] | 1 | 1 | Governance model spans DAO, Board, and partners |
| C00022 [] | M3 | Cultural and Language Barriers in Coastal Communities | Dizon, Alona [dormant] [no Action Plan] | 1 | 1 | Relates to C00004 - Community engagement sustainability over multi-year deployments |
| C00023 [] | M4 | Crew Fatigue Risk from Lean Startup Staffing | Almeida, Gustavo [dormant] [no Action Plan] | 1 | 1 | Crew plan calls for 11 personnel per fleet, no spares |
| C00024 [] | M5 | Delays in Permitting and Local Hiring Approvals | Winter, David [dormant] [no Action Plan] | 1 | 1 | Permits under review; hiring frameworks vary |
| C00025 [] | M8 | Inconsistent Cleanup and Tree Planting Standards | Knight, Tony [dormant] [no Action Plan] | 1 | 1 | Relates to C00004 - Community engagement sustainability over multi-year deployments |
| C00026 [] | M9 | Inadequate PPE and Safety Training in Early Deployment | Khan, Tahira [dormant] [no Action Plan] | 1 | 1 | PFT and PPE protocols exist, but onboarding incomplete |
| C00027 [] | R2 | Security Gaps for Remote Worksites and Equipment | Honkanen, Kari [dormant] [no Action Plan] | 1 | 1 | No dedicated security personnel for floating assets |
| C00028 [] | R3 | Risk of Non-Alignment with LGU Environmental Ordinances | Harakat, Abu Bakr [dormant] [no Action Plan] | 1 | 1 | Initial LGU outreach underway in Palawan |
| C00030 [] | R5 | Inconsistent Power and Water Access | Dizon, Alona [dormant] [no Action Plan] | 1 | 1 | No redundancy or off-grid systems yet installed |
| C00031 [] | R6 | Delay in DENR and MARINA Clearances | Winter, David [dormant] [no Action Plan] | 1 | 1 | DENR/MARINA processes not yet fully navigated |
| C00032 [] | R7 | Skill Gaps in Coastal Clean-Up and Reforestation | Knight, Tony [dormant] [no Action Plan] | 1 | 1 | Volunteer enthusiasm high, but technical skills vary |
| C00033 [] | R8 | Risk of Local Political Interference or Project Favoritism | Khan, Tahira [dormant] [no Action Plan] | 1 | 1 | Some informal interest from local leaders |