



Annex D — Fund Administration & Escrow Mechanism

OriLife Platform: Fund Administration and Disbursement Mechanism

Document: Annex D — Fund Administration & Escrow Mechanism

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Reference: GS-ORILIFE-GA-01

Proposer: Nguyen Hung Son— DDC Holdings, Dak Lak

Status: Public — Attached to Governance Action

Total Budget: 2,400,000 ADA

Milestones: 9 (M0–M8)

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1. Governance Mechanism Overview

Four Foundational Principles

TRUSTLESS: Smart Contracts replace trust in any individual. ADA moves only when cryptographic signatures from IOB are present.

MILESTONE-GATED: No deliverable = no ADA. Each milestone is independent and can be reported at any time.

TRANSPARENT: Every spending decision is public. Monthly reporting is mandatory.

RECOVERABLE: Unspent ADA on milestone failure → automatically returned to Treasury. No new vote required.

Why 9 Parallel Milestones

Three teams operate independently: GreenSun R&D, Aladin Dev, DDC Holdings. When a team completes a milestone, IOB reviews and disburses **immediately** without waiting for other teams. Whichever team finishes first gets paid first — if one milestone is delayed, others continue unaffected.

2. Escrow Structure & ADA Flow

Overall Architecture

CARDANO TREASURY (2,400,000 ADA)

↓ After GA ratified (67% DRep + CC approval)

INTERSECT ESCROW SMART CONTRACT

Admin: Intersect MBO

Logic: Release ONLY when IOB 2-of-3 sign confirmation

Fallback: Auto-sweep to Treasury on timeout

- ├── M0 tranche: 360,000 ADA [MOBILIZATION ADVANCE]
- ├── M1 tranche: 260,000 ADA [LOCKED]
- ├── M2 tranche: 220,000 ADA [LOCKED]
- ├── M3 tranche: 180,000 ADA [LOCKED]
- ├── M4 tranche: 280,000 ADA [LOCKED]
- ├── M5 tranche: 200,000 ADA [LOCKED]
- ├── M6 tranche: 260,000 ADA [LOCKED]
- ├── M7 tranche: 280,000 ADA [LOCKED]
- └── M8 tranche: 360,000 ADA [LOCKED]

↓ Per milestone, after IOB approval



Nguyen Hung Son— OPERATIONAL WALLET

[addr1: Published ≥ 14 days before GA submit]

↓ Allocated per internal Alliance agreement

- ├── GreenSun Tech (R&D share)
- ├── Aladin Contract (Dev share)
- └── DDC Holdings (Field share)

M0 — Mobilization Advance (Special)

M0 differs from all other milestones: **disbursed immediately upon GA ratification** after preconditions are verified.

GA RATIFIED ON-CHAIN

↓

M0 PRECONDITIONS CHECK:

- Escrow contract deployed + verified on Preprod
 - IOB 3 members confirmed + signing keys on-chain
 - Wallet addresses published ≥ 14 days
 - MOU notarized between 3 companies
- ↓ IOB 2-of-3 sign precondition confirmation

MOBILIZATION ADVANCE: 360,000 ADA → Operational Wallet

↓ 30 days later

MANDATORY SPENDING REPORT:

- Employment contracts (scans)
- Equipment invoices (scans)
- Legal costs (scans)
- ADA converted + exchange rate + DEX used

↓ If Spending Report not submitted

FREEZE: All M1–M8 locked until remediated

↓ If M1 not submitted within 90 days

CLAWBACK: Smart contract recovers unspent portion to Treasury



Wallet Addresses — Published Before Submit

Role	Publication
Escrow Contract	≥14 days before GA submit
Nguyen Hung SonOperational	≥14 days before GA submit
GreenSun Tech	≥14 days before GA submit
Aladin Contract	≥14 days before GA submit

All addresses will be published on <https://pa.orilife.io/cardano-grant> and Intersect Forum.

3. Independent Oversight Board (IOB)

Three-Member Structure

Member 1 — INTERSECT DELEGATE Officially designated by Intersect MBO. No financial relationship with any Alliance partner.

Member 2 — TECHNICAL REVIEWER Independent Cardano/AI expert. Nominated via Intersect Forum, community vote. Verifies on-chain deliverables + AI benchmarks.

Member 3 — COMMUNITY DREP Reputable dRep — especially from PRAGMA or dReps with technical/agricultural expertise. Open candidacy on Cardano Forum. Verifies field adoption metrics.

Mandatory Conditions

IOB members MUST:

- Have no financial relationship with any Alliance member
- Not hold LAMP tokens or tokens related to the MagicLamp ecosystem
- Review Completion Reports within ≤7 business days
- Disclose identity publicly on Intersect Forum and orilife.io

Compensation: IOB operates on a voluntary basis. No compensation from the project.

IOB Member Replacement

If a member cannot continue:

- Hours 0–48: Public announcement on Intersect Forum
- Days 1–7: Intersect MBO nominates replacement
- Days 7–10: Community feedback/objection period



- Day 10+: New member confirmed and onboarded

Timeout clocks pause during transition.

4. Milestone Review Process

Per-Milestone Process (M1–M8)

Step 1 — Prepare Completion Report (≤3 days): On-chain evidence, KPIs (target vs actual), video documentation, financial report, third-party verification where applicable.

Step 2 — Submit Report (1 day): Post on Intersect Portal, tag 3 IOB members, email Intersect MBO, update [orilife.io/cardano-grant](https://www.orilife.io/cardano-grant).

Step 3 — IOB Review (≤7 business days):

- Member 1: Process compliance
- Member 2: On-chain deliverables + AI benchmarks
- Member 3: Field metrics + adoption

Step 4 — IOB Decision:

- APPROVED: 2-of-3 sign → Release tranche
- CONDITIONAL: Supplementary info requested (7-day grace)
- REJECTED: Specific reasons → team remediates (30 days)

Step 5 — Escrow Release (1–2 days after approval)

Total time: ≤14 days from Report submission to ADA received.

Dispute Resolution

- Days 1–3: Team submits Counter-Argument
 - Days 4–6: IOB responds with detailed rationale
 - If still disagreed → Escalate to Intersect MBO
 - Days 7–14: Intersect MBO independent review — **decision is FINAL**
-



5. Disbursement Schedule

Projected Timeline

MAY 2026

- Week 1: GA ratification → 2,400,000 ADA into Escrow
- Week 1: M0 preconditions verified
 - IOB signs → 360,000 ADA MOBILIZATION ADVANCE
- Week 1–2: M0 Foundation setup
 - M1 begins (GreenSun — AI fine-tuning)
 - M2 begins (Aladin — App build) [PARALLEL]


JUNE 2026

- Week 1: M0 Spending Report (30 days after disbursement)
- Week 2: M1 Completion Report → IOB Review
- Week 3: M1 APPROVED → 260,000 ADA released

JULY 2026

- Week 1: M2 Completion Report → IOB Review
- Week 2: M2 APPROVED → 220,000 ADA released
 - M3 begins (Audit + Mainnet)
 - M4 begins (DDC field ops) [PARALLEL]
- Week 4: M3 Completion Report → IOB Review
- Week 5: M3 APPROVED → 180,000 ADA released

AUGUST 2026

-  DURIAN HARVEST SEASON — Đák Lắc
- M4 Pilot operates during harvest season
- Week 2: M4 APPROVED → 280,000 ADA released
 - M5 begins (SDK Open)

AUGUST–SEPTEMBER 2026

- M5 + M6 [PARALLEL]
- M5 APPROVED → 200,000 ADA released
- M6 execution (3,000 ha scale)

SEPTEMBER 2026

- M6 APPROVED → 260,000 ADA released
- M7 begins (12,000 ha full rollout)

OCTOBER 2026

- M7 APPROVED → 280,000 ADA released

OCTOBER–NOVEMBER 2026



M8 execution → M8 APPROVED → 360,000 ADA released

✓ PROJECT COMPLETE

DECEMBER 2026

⚖️ CIRCULAR 11 DEADLINE (01/12/2026)

OriLife operational 2+ months before deadline

Timeout Thresholds

Milestone	Timeout Sweep
M0	14 days after ratification
M1	97 days after M0 disbursement
M2	August 8, 2026
M3	August 22, 2026
M4	September 8, 2026
M5	September 22, 2026
M6	October 8, 2026
M7	November 8, 2026
M8	December 8, 2026

Dates converted to Cardano slot numbers at deployment.



6. Pass/Fail Matrix — Per Milestone

Milestone	Key PASS Requirements
M0	Escrow deployed + verified; IOB 3 members on-chain; wallets published ≥ 14 days
M1	Precision $\geq 99\%$; Recall $\geq 95\%$ at $\pm 45^\circ$; Latency $< 1s$ on Android 4GB; Temporal consistency after 30 days; Throughput ≥ 100 units/hour; API $< 500ms$ p95
M2	IOB self-installs < 10 min; Uncut demo video; Offline sync verified; Contract freeze hash public
M3	Zero unresolved Critical/High; ≥ 1 Farm NFT on Mainnet; Source code public; VeData batch demo
M4	$\geq 50,000$ trees on-chain; $\geq 1,000$ active DIDs; ≥ 1 GACC shipment cleared; Anti-fraud 100% detection
M5	GitHub public MIT; Third party integrates < 1 hour; GS1 v2.0 valid; Multi-app demo complete
M6	$\geq 300,000$ trees on-chain; $\geq 3,000$ active DIDs; Uptime $\geq 99.0\%$; Zero security incidents
M7	$\geq 1,200,000$ trees on-chain; $\geq 24,000$ active DIDs; DR recovery < 15 min; $\geq 100,000$ tx during M7
M8	≥ 5 active B2B contracts; MAGIC $\geq 1,000$ tx/30 days; Impact report ≥ 30 pages; 2 AMA recordings

7. Transparency & Reporting

Monthly Progress Report — 1st of Each Month

Mandatory content:

- **ON-CHAIN METRICS** — Bio-ID count, DID count, transactions, Farm NFT status
- **FIELD METRICS** — Districts covered, workshops held, active farmers
- **FINANCIAL REPORT** — ADA received, USD spent, ADA conversion log
- **TECHNICAL UPDATES** — AI performance, VeData efficiency, uptime
- **RISKS & BLOCKERS** — New risks + mitigation plans

Reporting Channels



Channel	Frequency
https://orilife.io/cardano-grant	Monthly
Intersect Portal	Monthly
Cardano Forum	Monthly
GitHub Release Notes	Per milestone

Community AMA Sessions

AMA	Timing	Content
AMA #1	After M4 (August)	Pilot results + Mainnet demo
AMA #2	After M8 (November)	Final results + impact + roadmap

8. Refund & Surplus Policy

Scenario 1 — Automatic Timeout

Trigger: Completion Report not submitted before deadline. **Action:** Smart contract **automatically** sweeps milestone tranche back to Treasury. No vote, no manual action required.

Scenario 2 — M0 Clawback

Trigger: M0 disbursed but M1 Completion Report not submitted within 90 days. **Action:** Smart contract recovers all **unspent portion** of M0 to Treasury automatically.

Scenario 3 — M0 Spending Report Failure

Trigger: Spending Report not submitted 30 days after M0 disbursement. **Action:** IOB **freezes** all M1–M8 until Spending Report is submitted and approved.

Scenario 4 — IOB Rejects Milestone

Trigger: IOB 2-of-3 vote REJECT. **Action:** Team has 30 days to remediate. After 30 days if still failing → ADA sweeps to Treasury.

Scenario 5 — Project Terminates



Trigger: Nguyen Hung Sondeclares inability to continue, or no activity for 45 days. **Action:** All remaining ADA in Escrow returns to Treasury within 14 days.

Scenario 6 — Completion with Surplus ADA

Trigger: M8 approved, ADA remaining in Escrow or operational wallet.

Action in priority order:

1. **Reimburse** Alliance for self-funded expenditures incurred when ADA was below \$0.25
2. **Contingency** for any outstanding remediation needs
3. **Reinvest** to expand to coffee, melon, shrimp, fish
4. **Public report** within 14 days after M8

Why Clawback Doesn't Need a New GA

Traditional approach: Discover failure → create clawback GA → vote 1–2 months → proposer may transfer ADA before GA passes.

OriLife approach: Smart contract processes automatically on timeout → no vote needed → no window to transfer funds → Treasury receives ADA in 1 transaction.

9. Financial Risk Management

ADA Price — Two Simple Rules

Rule 1 — ADA below \$0.25 at disbursement: Alliance self-funds the gap from its own capital. Deployment continues without interruption. No scope reduction, no VoluntaryRefund, no new negotiation required. The Alliance has already self-invested nearly \$500,000 USD before this proposal — this is a demonstrated commitment, not a theoretical one.

Rule 2 — ADA above \$0.30 at disbursement: Surplus ADA received (relative to the \$0.25 baseline) is used first to reimburse Alliance expenditures from any prior self-funded period. Any remainder becomes contingency or ecosystem reinvestment per the Surplus policy above.

These two rules replace all price-tiered scenarios. Simplicity is accountability — no ambiguity about what happens at any price point.

ADA Conversion Policy

Immediately after receiving each milestone disbursement:

- Convert 30% to USD immediately (pay bills)



- Hold 70% ADA, convert gradually 10%/day over 14 days (minimize price impact)

Exchanges: Prefer DEX (Minswap, SundaeSwap). No private OTC deals. All conversions logged in monthly reports.

10. Conflict of Interest Declaration

Party	Conflict?	Note
Nguyễn Hùng Sơn	No	No financial relationship with any DRep/SPO/CC
GreenSun Tech	No	No financial relationship with any DRep/SPO/CC
Aladin Contract	No	No financial relationship with any DRep/SPO/CC
DDC Holdings	No	No financial relationship with any DRep/SPO/CC
Duc Tiger	YES — DISCLOSED	dRep + SPO (pool TIGER). PM. Receives reasonable compensation from GA budget. Votes ABSTAIN on this GA and all Withdraw Treasury GAs during the voting period.

No LAMP, MAGIC, ADA, or any token is allocated to DReps, SPOs, or CC Members in any form related to voting on this GA.

11. Emergency Procedures

Security Incident

- Hours 0–2: Activate Incident Response. Pause writes. Notify IOB + Intersect MBO.
- Hours 2–24: Assess scope. Public disclosure.
- Hours 24–72: Remediation. Security patch. Independent verification.
- After 3 days: Post-mortem report (public).

Force Majeure



Recognized events: Natural disaster in Đắk Lắk, contradictory government regulation, Cardano network outage >7 days, epidemic affecting the region.

1. Notify IOB within 48 hours with evidence
2. IOB + Intersect MBO confirm within 7 days
3. If confirmed: Timeout clock **PAUSES** for up to 60 days
4. After 60 days: Resume or terminate + return ADA

12. Signatures & Commitments

I, **Nguyễn Hùng Sơn**, Director of DDC Holdings' Đắk Lắk Office, commit to:

- Not spending ADA before receiving from Escrow
- Submitting Spending Report 30 days after M0 disbursement
- Spending strictly within each milestone's scope
- Accurate and timely monthly financial reporting
- Publishing wallet addresses ≥ 14 days before GA submit
- Public disclosure of all material events within 48 hours
- Organizing 2 public AMAs (after M4 and after M8)
- Accepting auto-sweep mechanism on timeout
- Accepting 90-day Clawback for M0
- If ADA < \$0.25 at disbursement: Alliance self-funds the gap. Deployment continues.
- If ADA > \$0.30 at disbursement: Surplus reimburses Alliance self-funded expenditures first; remainder per Scenario 6.
- Reinvesting ecosystem surplus per binding commitment
- Cooperating with IOB and Intersect MBO in all circumstances

Pre-Submit Checklist

ESCROW & WALLETS:

- Escrow smart contract deployed and verified on Preprod
- All wallet addresses published ≥ 14 days
- 3 IOB members confirmed with public identities
- IOB signing keys registered in escrow contract

DOCUMENTS (LampNet):

- GA main document — final version
- Annex A (Technical) — CID
- Annex B (Legal & Compliance) — CID
- Annex C (Financial) — CID



- Annex D (Fund Admin) — this file — CID
- Annex E (Community Q&A) — CID
- All legal documents (Circular 11, QĐ 1236, QĐ 5272, Letter 351, MOU, Copyright Certificate, USPTO Receipts) — CIDs

ON-CHAIN METADATA:

- Compliant with CIP-100 metadata format
- LampNet links to all annexes
- Wallet addresses accurate

COMMUNITY:

- Draft posted on Intersect Forum ≥ 2 weeks for feedback
- At least 1 community call presented
- Community questions addressed
- No unresolved serious objections

Proposer: Nguyen Hung Son— DDC Holdings, Đắk Lắk

Technology Alliance:

- DDC Holdings — Nguyen Hung Son(Director, Đắk Lắk)
- GreenSun Tech — Nguyen Thi Kim Ngan (CEO)
- Aladin Contract — Nguyen Thi Thuy (Deputy Director)

Cardano Rep: Duc Tiger (dRep · SPO TIGER) · Receives reasonable compensation · ABSTAIN on this GA and all Withdraw Treasury GAs during voting period

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