

BIOMASS ENERGY & AI

Reforestation in Mitsue
Phases & Funding Flowchart



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BIOMASS ENERGY & AI — Phases & Funding Flowchart

Reforestation in Mitsue

Schedule note (2026-07-03): Phase dates reflect the operative live OpenProject Gantt, which runs later than the original April-2026 month-relative plan (P0 M1–3 ... P3 M19–30). Cost baseline re-sync is the EVM Baseline Rev 2 deliverable (due Dec 2026).

Diagram 1 — Phase Spine with Funding Gates

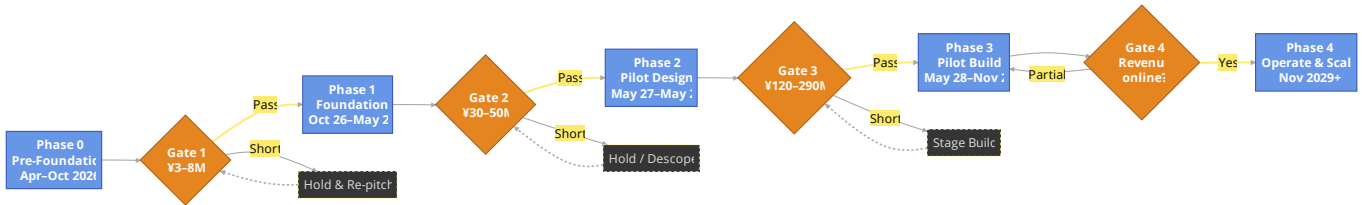
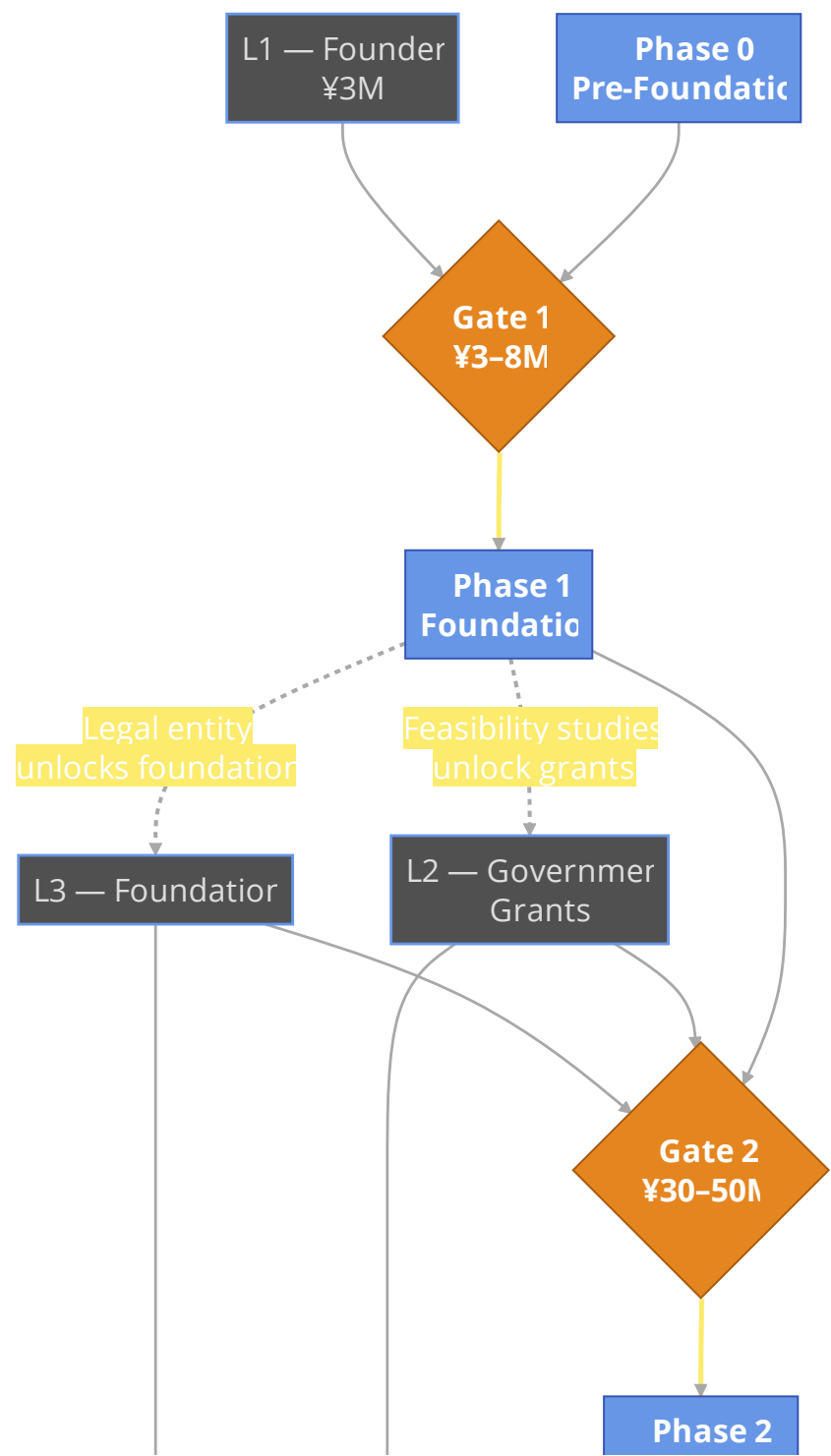
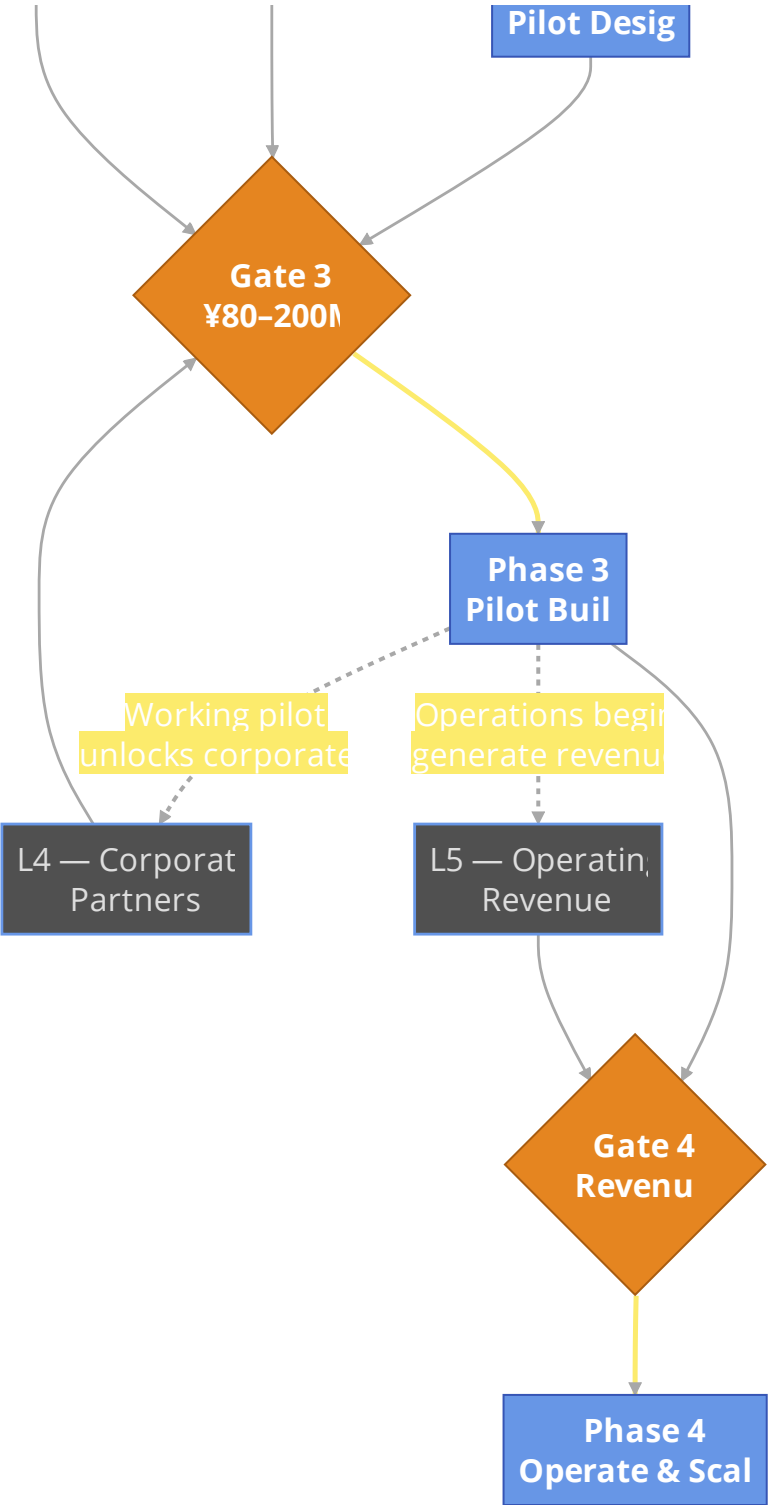


Diagram 2 — Funding Sources Feeding Each Gate





Legend

Shape / Colour	Meaning
Light-blue box (#6796e6)	Project phase — what gets done
Orange diamond (#e58520)	Funding gate — checkpoint between phases
Slate box, light-blue border (#505050 / #6796e6)	Funding source / layer
Dark dashed box, yellow border	Hold or descope action when a gate fails
Solid arrow	Sequential flow / funding inflow
Dotted arrow	Feedback loop — phase deliverables unlock the next funding layer

How to read it

1. **Read the top row left-to-right** — that is the project's forward path through the five phases.
2. **Yellow diamonds are decision gates.** Each one asks: "Have we secured enough funding to begin the next phase?" If yes → proceed; if short → loop into a grey hold/descope box and re-pitch.
3. **The bottom row is the funding stack.** Arrows go *upward* into the gate that each funding source unlocks.
4. **Dotted arrows close the loop.** Completing a phase produces deliverables (feasibility studies, legal entity, working pilot) that themselves *unlock the next layer* of funding. This is the engine of the project.

Funding Stack — Target / Pipeline (Baseline Rev 1, May 2026) — nothing secured yet

Funding Layer	Source	Target Amount (¥M)	Secured to date
L1 — Founders	Founder capital (Rob Oud endijk)	¥6M	¥0 (not yet committed)
L2 — Government Grants	National + prefectural + municipal grants	¥115M	¥0 (not applied/awarded)
L3 — Foundations	Philanthropic foundations	¥33M	¥0 (not applied/awarded)
L4 — Corporate Partners	Corporate sustainability / CSR	¥35M	¥0 (not applied/awarded)
L5 — Operating Revenue	Early data center, biomass /solar energy, and EV revenue	¥3M	¥0 (pre-revenue)
Total Funding Target (unsecured)		¥192M	¥0
BAC (PMB)	Project budget baseline	¥220M	
Management Reserve	Board-controlled reserve	¥25M	
Total Project Budget		¥245M	
Funding Gap vs BAC	Additional funding required to meet BAC, if target stack fully lands	¥28M	
Funding Gap vs Total Budget	Additional funding required including MR, if target stack fully lands	¥53M	

Note — nothing is committed yet. The table above is a **funding target / pipeline**, not raised or secured money. As of May 2026, ¥0 has actually landed across all five layers — including L1 founder capital. Every figure is a planning assumption to be pursued and replaced with confirmed amounts as agreements land; the ¥28M–¥53M gap figures assume the ¥192M target stack is fully realized — if it is not, the true shortfall is larger. **A named, concrete path to closing a meaningful part of the gap is the village-led 地域脱炭素移行・再エネ推進交付金 (MoE, step 2 of the national decarbonization funding ladder): 2/3–3/4 subsidy on solar/battery/EV/private-wire capex, paid to the village via official 官民連携, targeting Phases 2–3.** L2 (Government grants) in Diagram 2 now includes this route routed through the municipality. Baseline Rev 2 (due M9, Dec 2026) should fold in any confirmed 交付金 amount.

Timing rule (cashflow model). The gap is not just a budget shortfall — it is a **cash wall in a specific month**. Even in the best case where the full ¥192M target stack lands as planned (none of it is secured today), the modeled cash balance runs **negative at M28 (Jul 2028)**, bottoming at –¥28M (= the gap exactly). Funding must therefore be **secured and disbursable before Gate 3 (M21)**, not at end-of-project, and a **~¥25M bridge facility** held as the shock absorber for the Phase-3 burn peak. See [mitsue_cashflow_model.md](#) §5 and EVM plan §8.1 / §10.

Sources: MoE — 地域脱炭素移行・再エネ推進交付金: <https://policies.env.go.jp/policy/roadmap/grants/> · 実施要領 (補助率 2/3・3/4 条件): <https://www.env.go.jp/content/900470616.pdf>

Derived from [mitsue_implementation_plan.md](#) — May 2026