

AVA IS CALLING: GUIDELINES FOR GUARDIANS TO UNITE

Phase 1 of the Samarai-Murua Decentralised Green City

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She Is Not a Story

Deep within Samarai-Murua, in the waters and forests of the Milne Bay clans, lies Ava — 308,000 hectares of standing rainforest and living reef, home to tree kangaroos found nowhere else on Earth and reefs that still walk with sharks. She sits inside the Coral Triangle, the most biodiverse stretch of ocean on the planet, and she is held in trust by clans who still live as tribally, as intact, as almost nowhere else remaining does — one of the last true living cultures of its kind, not a preserved memory of one. She is not a metaphor for something else. She is a real place, with a real deficit in the lives of the people who call her home, and a real, already-recognised value in the eyes of a world finally willing to pay to keep her standing rather than watch her fall.

Turn on the news and the world looks like it's tearing itself apart. Turn the same week to any climate technology showcase, and you'll find hydrogen aircraft, geopolymer printers, and reef-monitoring robots on display with nowhere real to go. Ava is where they finally get to go.

This is what makes Ava Is Calling different from every decentralised green city that's been announced and never built: it does not ask anyone to believe in something that doesn't exist yet. It asks seven very different kinds of builders — engineers, technologists, storytellers, financiers, and the clans themselves — to come together around something that already does.

That is the whole idea, said plainly before anything else: **one project, seven currents, one build**. No track here wins something for itself alone. Every hand that answers this call is picking up one part of a single, living thing.

The Deficit, and the Asset Standing Beside It

Here are the numbers, honestly, because a plan this important deserves honesty more than it deserves comfort.

Roughly 60,000 to 70,000 people live across Samarai-Murua's 3,081 km² of scattered islands without grid power, without treated water, without sanitation — a gap that falls hardest and most immediately on women — and without reliable medical care, where an ordinary infection can turn dangerous without clean water or medicine close by. Food security here still rises and falls with the season and the last cyclone, rather than resting on anything communities can rely on year-round. That margin has only grown thinner since Cyclone Maila tore through Milne Bay Province in April 2026. Villages here are small and dispersed, often ten or fifteen people, two or three families, spread across the archipelago rather than gathered into towns. That is who this challenge is actually for.

And in the same 3,081 km², nested inside 260,000 hectares of standing forest, sits a 219,000-hectare core of primary rainforest and coastal mangrove — a real, verified, already-valuable climate asset. The deficit and the asset live in the same place. The honest work of this programme is to let one fund the repair of the other, rather than treating them as two separate problems waiting on two separate kinds of help.

No fully decentralised green city has ever actually been built. Most attempts before this one failed because they were financed on speculation — land that might be developed, capital chasing a projection, plans with nothing real standing underneath them. Ava is different for one plain reason: the asset was never imaginary. Protecting what already stands generates verified value; that value funds the infrastructure; the infrastructure lets people live well without needing to extract from what's protecting them. This protection would not happen without that value — the pressures on this forest are real, and carbon finance is what makes standing still the winning choice instead of logging or mining it. Nothing here is a bet on the future. It's a loop, closing in real time, starting now on **Woodlark (Murua) Island**, and built to extend, sector by sector, across the rest of the district and its neighbouring atolls as the first proven cluster becomes the next.

Getting There, Together

None of this begins at pre-registration. Submissions close **11 September 2026**. We review over two to three weeks, then announce selected teams directly on this portal and invite them to Singapore, where we meet, work through what your specific role actually needs, and make sure it's accounted for and loaded before the landing craft ever leaves port. Deployment into the field is targeted for late 2026 into early 2027. Nobody is sent out on assumptions. Selected teams receive a retainer covering transit and related costs, set out in their individual subcontract once formal engagement begins. And every team member is covered by insurance and medical protection from that same moment of official engagement — this is genuinely uncharted terrain for all of us, and nobody steps into it without that in place.

We believe in that same transparency before any team registers, so here is exactly how the field side of this actually works. This is an expeditionary build in a genuinely isolated island environment, and we're not going to pretend otherwise — but nobody marches into it blind. Equipment stages out of our Singapore headquarters: 3D-printing materials, foldable modular homes, power and water pods, medical supplies, and provisions, loaded onto heavy-duty landing craft. Teams rendezvous in Alotau, Milne Bay Province, and board there for the crossing to the deployment zone.

The landing craft is your living base while you're in the field, not just transport — clean water, power, climate-controlled quarters, hot meals, satellite communications, and medical facilities on board, so you return to the ship each night rather than camping exposed on-site. From there, equipment and modular clusters go ashore by coastal landing onto land already scarred by prior logging, and for inland sites the sea can't reach, sensor nodes and equipment go in by heavy-lift drone and cargo aircraft instead. Singapore HQ stays connected to all of it around the clock — telemetry, security, satellite links, and emergency evacuation readiness — for the whole time any team is in the field.

What Every Submission Works With

To keep seven tracks' worth of hardware actually able to talk to each other, everything built for Ava works to the same baseline, unless a team brings something genuinely better already proven:

- **Connectivity.** Standard broadband and basic cellular don't reach here. Every field node, floating platform, and cluster hub links out through a low-profile, electronically-steered, multi-orbit satellite terminal, back to Singapore HQ and the registry ledger.
- **Forest and reef sensing.** Consumer-grade sensors and standard short-range radio fail under dense, high-humidity canopy. Every environmental sentinel runs on ruggedized, canopy-penetrating mesh networking — acoustic, thermal, optical, and seismic — built for real forest conditions, not a lab.
- **Power.** Non-flammable, non-lithium storage by default — sodium-ion, flow battery, or solid-state. This is standing forest and living reef; we don't bring thermal-runaway risk into either.
- **Fuel.** No diesel generators, no fossil-fuel engines, anywhere in the deployment. Every vehicle on land, sea, or air runs on solar, kinetic, or green hydrogen.

None of it touches customary land or culture without free, prior, and informed consent — consent that is ongoing, governed directly by the Incorporated Land Groups themselves, not a signature collected once and filed away.

How We Actually Build This, Together

The settlement pattern here rejects a centralised grid before the conversation even starts — not by choice, but by geography. You cannot run a wire to a hamlet of ten people scattered among a hundred others like it across an archipelago this fragmented. So the answer is smaller and more self-reliant: a cluster of homes, 3D-printed from volcanic ash, coral sand, and recycled material already on these islands rather than cement shipped in from elsewhere, each cluster carrying its own power, its own water, its own connection to the wider network — a small e-clinic and e-learning space attached — sited on land already scarred by the logging and mining that came before us, not on forest still standing. No cluster waits on a wire from anywhere else to come alive. We prove one, fully, before we build the next — the discipline that lets this scale honestly, one real place at a time, instead of promising everything at once and delivering nothing on time.

This cannot be built by one company, and it was never meant to be. Seven currents carry different parts of the same river:

Mina Kula holds the trust of it — the ledgers, the sentinels, the dashboard that proves, beyond doubt, that the forest is real and still standing. **Mina Tawali** stands for the saltwater and the reef: solar-kinetic catamarans finally linking islands that have never had a real way to reach each other, kept running by a local maintenance and training hub, so a damaged hull never has to sail somewhere else to be fixed. **Mina Valu** carries the land itself — housing, power, water, food, medicine, learning, and livelihood, for people who have too little of any of it today. **Mina Yaguma** moves between islands on wings that burn nothing, carrying real hydrogen-electric aircraft that already exist in the world but have never had anywhere to fly. **Mina Liliu** keeps the songs and tells the world what's happening here, honestly, as it happens — and helps carry forward a culture rare enough that losing it would mean losing something the world cannot get back. **Mina Salosalo** stays open for the invention none of us have thought of yet. And **Ava: Sinabada Hub** carries the partnerships, the diplomacy, and the funding that let the other six actually reach the ground.

None of these seven stand alone, and that is the point being made every time this document says it again: a totem means nothing without a ledger to read it; a ledger means nothing without real data from a real forest; a housing cluster means nothing without the people trained to run it long after the challenge is over. Everything we build, in every track, says plainly what it feeds and who it hands off to — the only way something this size becomes one city, instead of seven unrelated projects that happen to share a name.

What This Actually Becomes

Picture it five years in, not on the day the ribbon is cut but afterward, when it actually matters. A cluster that was scarred logging land now holds a family with lights on at night and a child who learned to read in the e-learning pod attached to their home. A young ranger trained on totem maintenance now trains the next one. A vessel maintenance crew that once needed outside help now trains someone's daughter to do the same. A village that used to burn its cacao husk and copra waste for lack of anything better to do with it now turns that same waste into income, and cooks its meals on a stove that never needed firewood in the first place. A canoe still gets carved by hand, in a shape a grandfather would recognise, built from a material that never cost the forest a single tree. A harvest no longer rises and falls entirely with the last cyclone. The revenue from a verified hectare of standing forest quietly becomes a teacher's salary, a clinic's supplies, a boat's fuel that was never fossil fuel to begin with. This is the eco-cycle this programme is actually building toward — not a metaphor, an operating model: value flows from what's protected, into what's built, into the hands of the people who will run it themselves once we've done our part and stepped back.

That is why this cannot be one company's project, and why it was never going to be finished by the people who started it. Ava has been calling for guardians a thousand years longer than any of us have been listening. What's different now is that seven currents — technologists, engineers, storytellers, financiers, and the clans who never left — finally have a real reason to answer together, in the same place, at the same time.

Bring your fire, your craft, whatever you've built that the world hasn't found a home for yet. Ava has a home for it. Answer where you belong, and we will build the rest of this together, one proven sector at a time.

We look forward to building this with you — the full track briefs open August 9th.

This is a decentralised green city model, and as a first-of-its-kind initiative, we are learning and adjusting as we go. This document describes an initiative in active development. References to conservation programmes, carbon financing, funding, or partnerships describe current intentions and in-progress regulatory processes, not finalized agreements or guaranteed outcomes.