

COMMUNITY DELIVERY BRIEF

Housing investment should leave more than houses behind.

A decision brief for Aboriginal organisations, Land Councils and funding bodies considering a community-led pathway to housing, employment and lasting local capability.

PROJECT KIN-NEON

DEVELOPMENT INITIATIVE / AUGUST 2026



PROJECT KIN-NEON

INDIGENOUS-LED CONSTRUCTION SYSTEMS
BUILD BETTER. BUILD TOGETHER.

A complete, integrated system for faster, stronger and more affordable homes – designed for Australia and delivered by Indigenous manufacturing capability.

ACCURATE. FAST. REPEATABLE.
Engineered systems take the guesswork out of construction. Predefined components and simple tools create perfect geometry every time.

INDIGENOUS MANUFACTURING & EMPLOYMENT
Local production. Local jobs. Building long-term economic participation and skills on Country.

STRONG. DURABLE. SAFE.
Corrosion protected steel and precision engineering deliver long life performance in Australia's toughest conditions.

SUSTAINABLE BY DESIGN
Compressed earth blocks, efficient material use and reduced transport create a lower carbon footprint.

SCALABLE. MOBILE. ADAPTABLE.
Systems and equipment are designed for regional production, rapid deployment and easy adaptation to different needs.

NEW: AUTOMATED LAYOUT WITH CIVDOT+

We now integrate the CivDot+ robotic layout system to mark foundations, posts, beams and service points with high-accuracy GPS.

- Fast, accurate and repeatable
- Reduces labour and surveying time
- Works from digital design files
- Perfect alignment every time

The first step in a fully digital build-to-assemble workflow.



THE KIN-NEON BUILD PROCESS



CUSTOM BLOCK PRODUCTION SYSTEM

Our custom block machine has been designed, built and tested for high output, consistent quality and mobility.



- ✓ Tested and proven
- ✓ Automated dosing and weighing
- ✓ High output
- ✓ Consistent quality
- ✓ Mobile deployment

WHY PROJECT KIN-NEON MATTERS

Australia faces a housing crisis, skills shortage and urgent need for regional capability. Project Kin-Neon delivers a practical, proven pathway to build more homes, create jobs and strengthen communities – sustainably.

ADDRESS HOUSING SHORTFALL

Faster delivery. Lower cost.

CREATE JOBS & BUILD SKILLS

Training and jobs in manufacturing and construction.

BUILD REGIONAL CAPABILITY

Local production. Local supply chains. Stronger communities.

REDUCE RELIANCE ON SKILLED LABOUR

Simplified systems. Less complexity. More participation.

LONG-TERM VALUE

Built to last. Lower lifecycle costs.

A CALL FOR LEADERSHIP

Many organisations have shown interest and provided referrals – for which I am deeply grateful. However, the project continues to move forward as identification to the who share a clear pathway for assessment.

This is not just a housing idea.

It is an Indigenous-owned manufacturing and construction capability initiative ready for coordinated review to determine how it can best contribute to Australia's future.

IS THIS WORTH PROPERLY ASSESSING?

If the answer is yes, a coordinated pathway should exist. If the answer is no, that should be made clear. Either outcome is better than more years of delay.

REQUEST A COORDINATED ASSESSMENT



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INDIGENOUS OWNED
INDIGENOUS LED

WHAT THIS BRIEF IS FOR

A practical proposition for proper assessment.

Kin-Neon is being developed as an Indigenous-led delivery system that could help Aboriginal organisations turn land, eligible funding and local participation into housing and community infrastructure they determine they need.

The immediate decision is not whether to approve a build. It is whether the model is sufficiently aligned with community priorities to warrant a coordinated assessment.

DECISION REQUESTED

Is Kin-Neon worth properly assessing for your community?

YES / NOT YET / NO**WHAT THIS DOCUMENT IS NOT**

- Not a funding application or offer of securities.
- Not a certified building system or priced construction proposal.
- Not a substitute for community authority, engineering, approvals or due diligence.

THE GOVERNING PRINCIPLE

The organisation remains the client and decision-maker.

Kin-Neon is intended to sit underneath the legitimate funding, governance and decision-making structure already available to the community - not replace it.

01



Housing

Homes configured around local priorities rather than a predetermined catalogue.

02



Capability

Plant, training and repeatable systems intended to remain useful beyond one build.

03



Employment

A pathway for local participation in production, construction and maintenance.

04



Choice

A delivery package shaped around the community's land, funding and decisions.

START WITH WHAT IS AVAILABLE

Work backwards from resources to a testable plan.

LAND

Site, context and constraints

CAPITAL

Available and eligible funding

PRIORITIES

What the community determines it needs

RESULT

A costed community build plan

01



Listen

Confirm land, capital, need and community direction.

02



Plan

Define a staged, costed and governed delivery pathway.

03



Configure

Select the right mix of design, plant, materials and training.

04



Build capability

Develop local participation alongside the physical assets.

05



Deliver and learn

Verify each stage and carry learning into the next project.

DESIGNED AROUND THE WHOLE BUILD

One delivery system. Multiple approval pathways.

01 / SITE

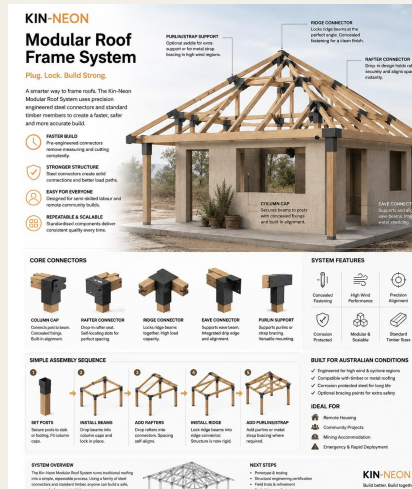
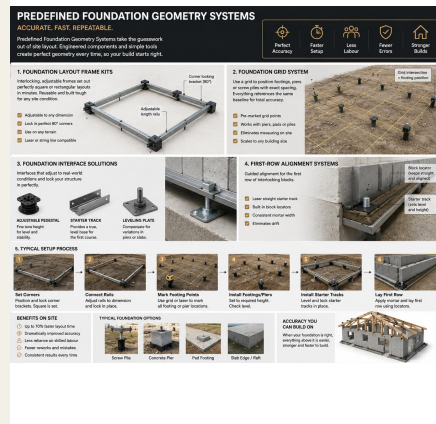
Predefined foundation geometry

A proposed kit-of-parts approach to repeatable layout and first-row alignment.

02 / ENVELOPE

Modular roof frame

A timber-and-steel connector concept intended to simplify alignment and assembly.



03 / LOCAL PRODUCTION

Compressed earth blocks

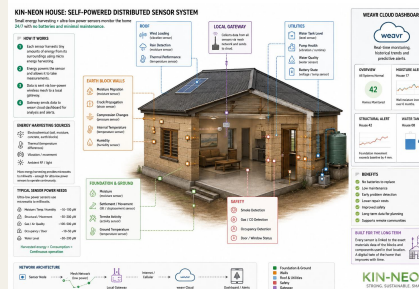
The KN-1 prototype is intended to support controlled local block production.



04 / FUTURE LAYER

Building intelligence

A future concept for monitoring moisture, movement, utilities and safety.



BEYOND COMPLETED HOMES

The goal is to leave useful capability behind.

Subject to community direction, project design, funding eligibility and delivery agreements, Kin-Neon is intended to create value that can extend beyond an individual construction program.

01



Local production

A repeatable production pathway using assessed materials and controlled processes.

02



Plant and equipment

Useful assets whose ownership, operation and maintenance are agreed before delivery.

03



Skills and employment

Training and participation linked to real production and construction work.

04



Construction knowledge

Documented systems, quality controls and learning carried into later projects.

05



Maintenance capability

A clearer local pathway to understand, maintain and repair delivered assets.

06



Evidence for planning

Project data and lessons that can improve later funding and delivery decisions.

TANGIBLE PROGRESS

Prototype progress is real. Readiness is not yet proven.

The KN-1 compressed earth block machine has moved from manufacturer testing to the workshop. Project clips document that progress.

BEFORE ANY BUILD COMMITMENT

- Community mandate and governance
- Site, need and funding eligibility
- Materials testing and block recipe
- Engineering and certification pathways
- Planning, building and other approvals
- Commercial terms, ownership and responsibilities
- Training, operations and quality controls



"This is single-handedly the most interesting real life application of all areas of STEM you will ever see."

KIERAN SHIREY / PROJECT KIN-NEON

THE PRACTICAL NEXT STEP

Is Kin-Neon worth properly assessing for your community?

If the answer may be yes, the next step is a coordinated written assessment - not a construction commitment.

- 01 Nominate an authorised organisational contact.
- 02 Confirm the community need, land context and decision pathway.
- 03 Identify available or potential funding parameters.
- 04 Assess delivery structure, engineering, materials, approvals, training and commercial feasibility.
- 05 Return a clear proceed, revise or stop recommendation.

Start in writing

The brief is available without providing details. If you choose to contact us, tell us only what is useful:

NAME

ORGANISATION AND ROLE

COMMUNITY OR REGION

WHAT YOU WANT TO EXPLORE

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