



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.



KIN-NEON MODULAR ROOF SYSTEM

Precision engineered timber with steel core connectors for strength, speed and accuracy.

- Drop-in connectors
- Concealed fixing
- High wind performance
- Quick, safe assembly
- Scalable and adaptable

KIN-NEON CEB WALL SYSTEM

Interlocking Compressed Earth Blocks (CEB) manufactured for strength, durability and thermal performance.

- High strength
- Thermal mass
- Fire resistant
- Low embodied energy
- Interlocking for speed and accuracy



PREDEFINED FOUNDATION GEOMETRY SYSTEM

Engineered foundation systems ensure perfect geometry every time – no guesswork.

- Predefined layout kits
- Adjustable to site conditions
- Faster setup
- Fewer errors
- Strong, durable, level

THE KIN-NEON BUILD PROCESS

1 PREDEFINED FOUNDATION

Set out and install foundation system with precision.



2 ERECT POSTS & BEAMS

Install structure using core connectors.



3 INSTALL ROOF SYSTEM

Drop in rafters and lock ridge into place.



4 LAY CEB WALLS

Interlocking blocks go up fast with minimal labour.



5 COMPLETE ENVELOPE

Add windows, doors and finishes. Ready for use.



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 in reliance on the support of those 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



Kieran Shirey

Project Kin-Neon

0434 870 273

kieran@weavr.au

weavr.au



INDIGENOUS OWNED
INDIGENOUS LED