



Better Materials. Proven. Scaling.

Terraphene is a materials and technology platform using plant-based inputs to create high-performance, sustainable alternatives to traditional materials.

We have validated our first commercial product, secured demand, and are now scaling production.



We Built a Commercially Viable Pallet

THE

BREAKTHROUGH

Proprietary Formulation

Scalable Manufacturing

**Third-Party
Validated**

✔ This is a real product built to meet real-world requirements.

Validated

PROOF

Performance

Our material does not just work — it performs at or above industry standards across key metrics.

8,500

Static Load (lbs)

Standard pallets achieve ~5,500 lbs — Terraphene exceeds by over 54%.

2,200

Rack Load (lbs)

Within the commercial industry range of 2,000–3,000 lbs.

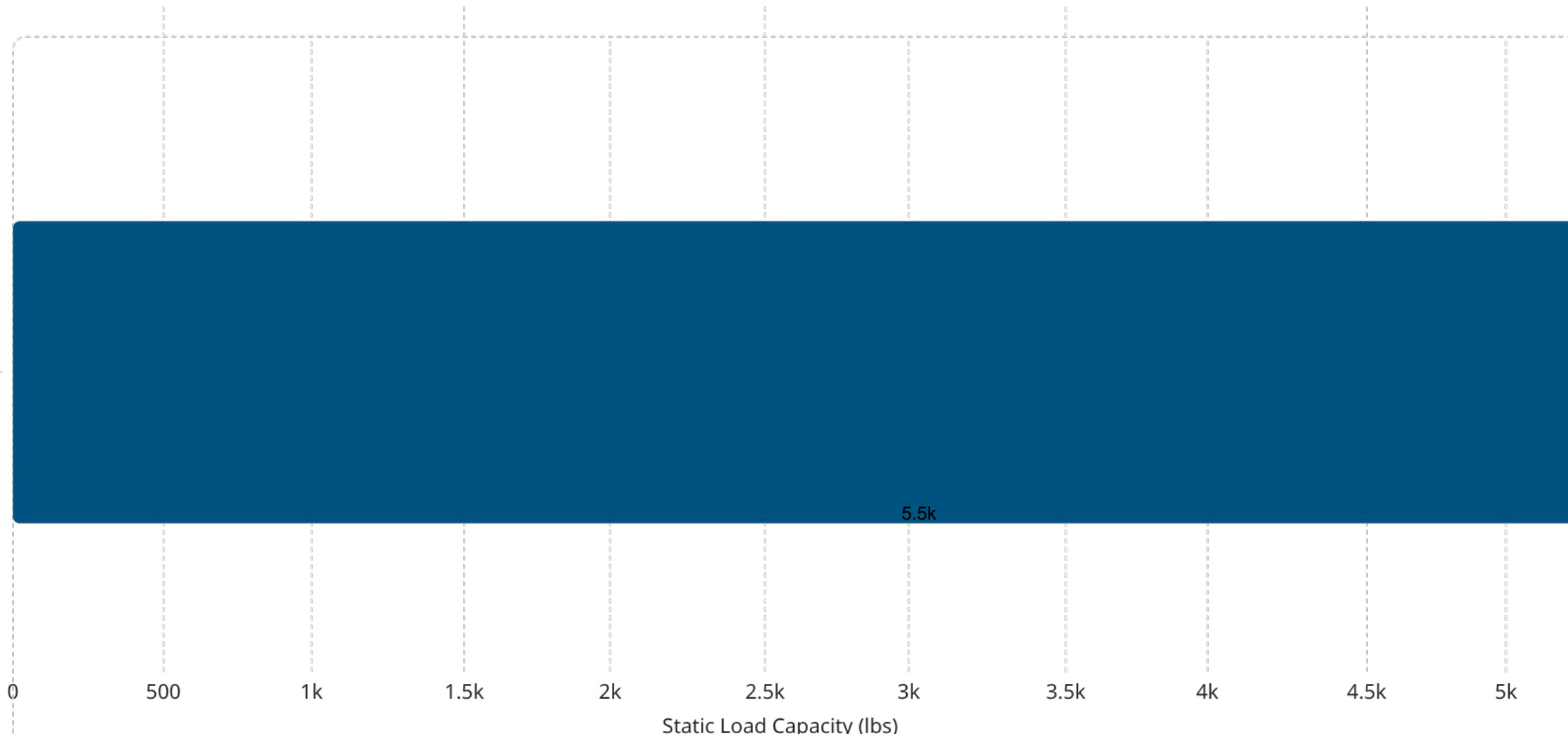
100%

Requirements Met

Meets all commercial pallet performance requirements for real-world deployment.

Pallet Type

Terraphene



Demand Is Already Secured

THE CONTRACT

Signed Multi-Year Partnership

**Prepaid Pilot
Completed**

Up to 30,000 Pallets/Day Demand

The Bottom Line

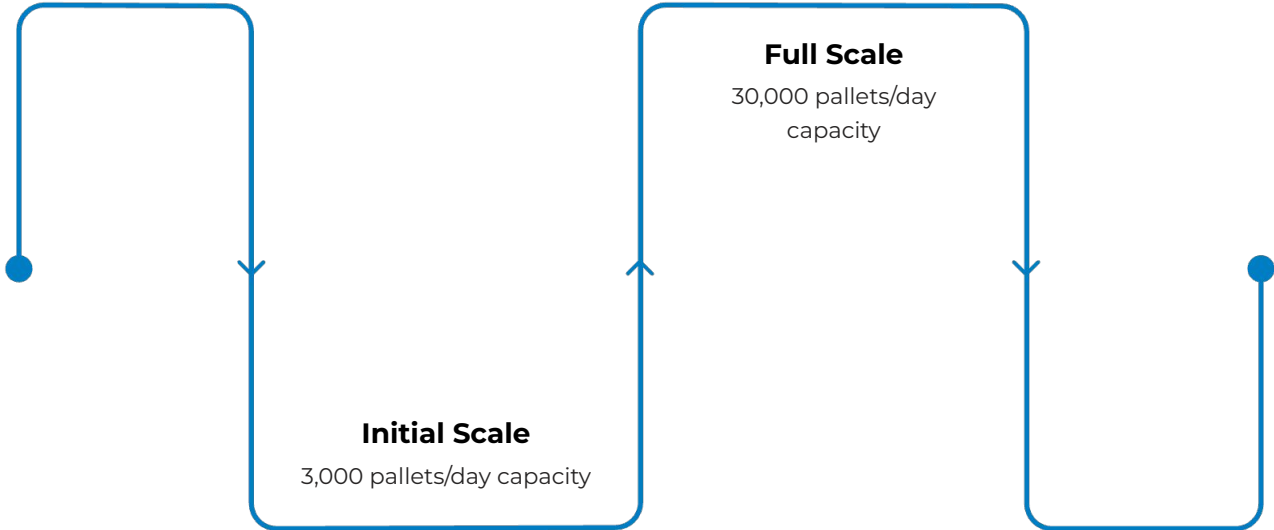
We are not demand-constrained. We are resource-constrained.

Demand already exists — we are scaling to meet it.

Clear Path to ~\$1B

Revenue Engine

Production Scale



Revenue growth is directly tied to production capacity — not market adoption.

Revenue Streams

Two light gray rounded rectangular boxes are shown side-by-side. The left box contains a blue circular icon with a white factory symbol and the text "Material Sales" below it. The right box contains a blue circular icon with a white star and checkmark symbol and the text "Licensing Fees" below it.

✔ ~\$900M+ in contracted partner demand over 5 years

We Solved the Materials Trade-Off

WHY THIS WORKS

Traditional Materials

Performance ✓ Scale ✓

Cost ✓ Scale ✓

Sustainable ✓

✔ This is now proven at the product level.

Terraphene Delivers All Three

→ Performance

→ Scale

→ Cost Efficiency

→ Sustainability



Supply Is Already Built

SUPPLY CHAIN ADVANTAGE

30K+

Acres in Network

2,600

Acres Needed

Multi

Redundant Sources



We are not supply-constrained. We are resource-constrained.

Raw material inputs needed to scale are already secured.



Resources → Production → Revenue

WHAT FUNDING UNLOCKS

Capital is deployed directly against existing demand — every dollar of investment translates to measurable output.



Expand Capacity

Raw material processing and production facility buildout.

Increase Throughput

Scale pallets per day to meet contracted partner demand.



Generate Revenue

Revenue per month grows directly with production volume.

Build Enterprise

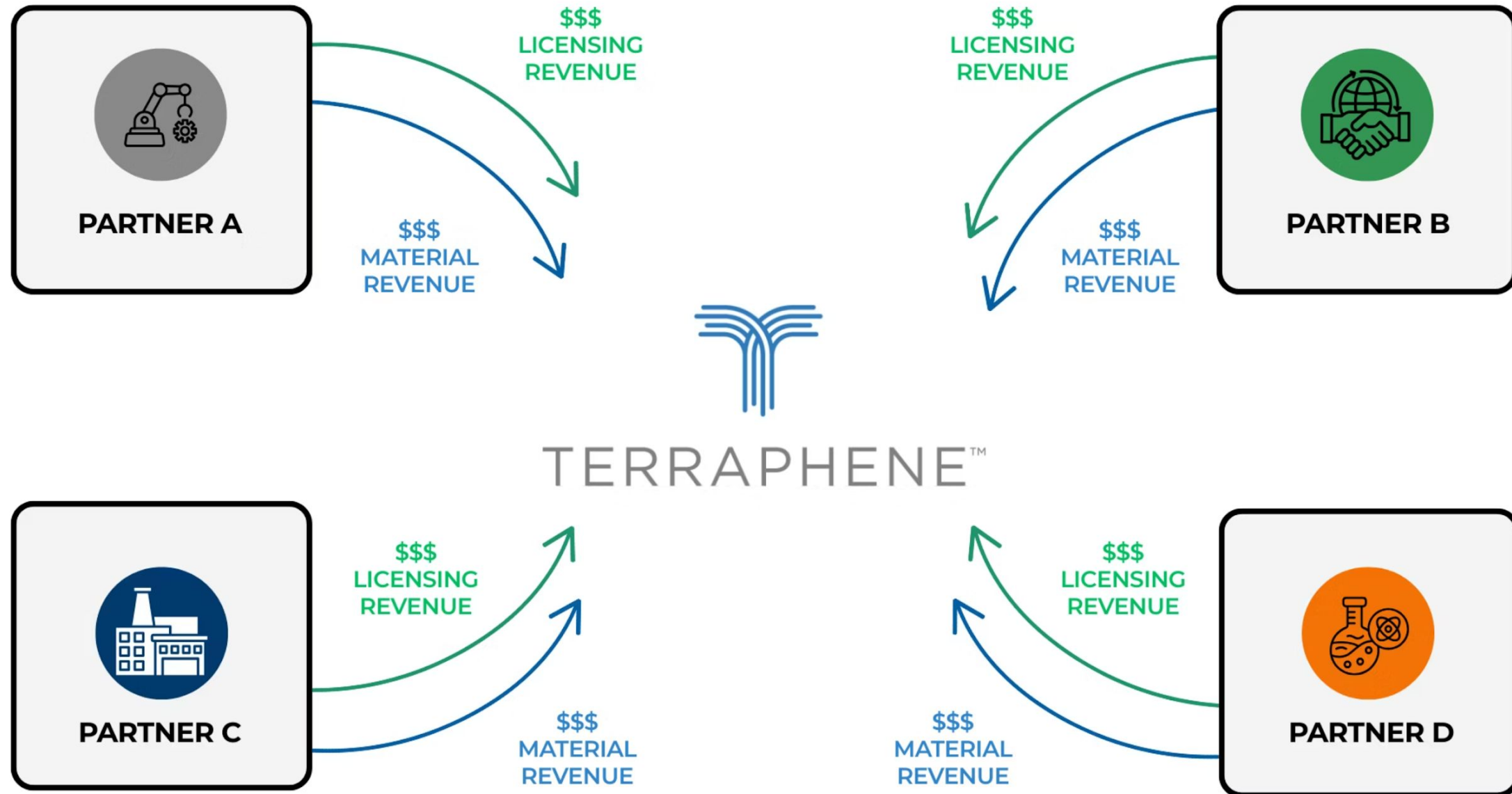
Value Enterprise value scales with each capacity milestone.

i The constraint is not demand or supply — it is speed of scaling.

We Are Not a Pallet Company

BUSINESS MODEL

Terraphene operates as a materials and technology platform — a capital-efficient, scalable model built for long-term value



Pallet Is the First Proof Point

PLATFORM EXPANSION

The same technology and business model expand into additional high-value material categories.

What Pallets Validate

Technology

Manufacturing

Unit Economics

Market Adoption

Expansion Categories



MDF / Engineered Wood



Roofing & Building



Specialty Applications

☐ This becomes a repeatable platform across industries — not a single-product company.



The Team That Proved It

TEAM

Terraphene combines deep technical and operational experience — this is a team that has already delivered results, not just credentials.



Advanced Materials Expertise



17+ Years Process Engineering



Fortune 500 Leadership



Founders Who Scale & Exit

Built the Product

**Validated
Performance**

Secured Commercial Demand



We've Proven It Works. Now We Scale.

THE ASK

✓ **Product Validated**

✓ **Demand Secured**

✓ **Supply Established**

👍 **Every dollar of capital deployed converts directly into pallets per day, revenue per month, and enterprise value.**