December 2025

$15M Convertible Note

(9% interest accrued, 30% discount Series B)

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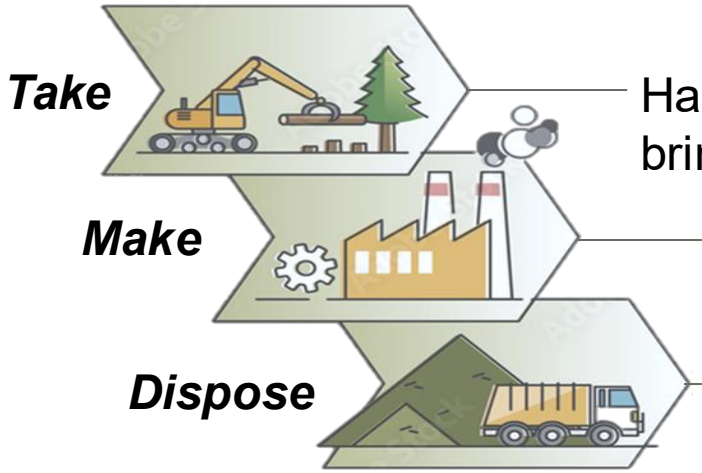
Delivering a certified, sustainable, and lower cost drop-in replacement for MDF, HDF and plywood

7 Billion Trees Cut Per Year, Bonded With Toxic Chemicals

The "Take-Make-Waste" Model of Wood Panel Production

For over a century, wood panel manufacturing has followed a linear, wasteful model → one that cannot meet the demands of a sustainable future



Harvesting virgin wood and using significant amounts of energy and carbon bringing it to market.

Blending in toxic, petroleum-based binders like **formaldehyde** and isocyanates to create the final product.

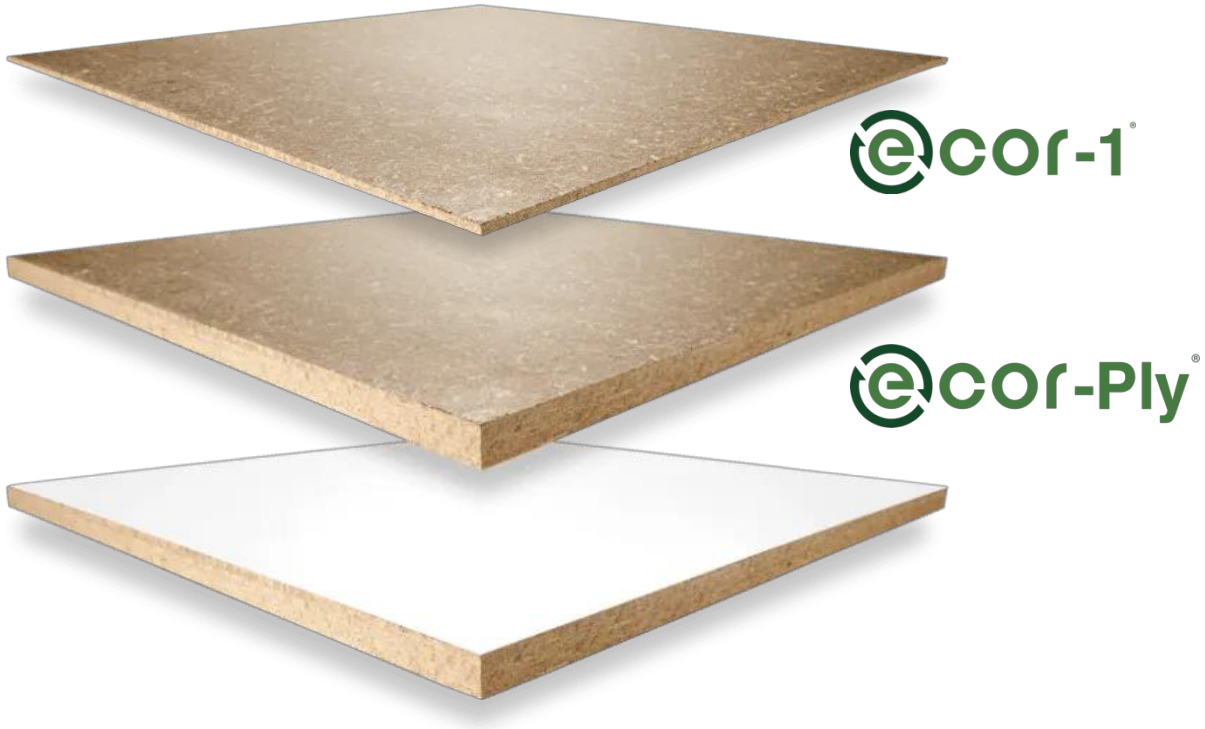
Finished panels are not economically recyclable and end up in landfills or incineration (releasing harmful pollutants).

Regulatory Crisis:

1. **EU Deforestation Regulation (EUDR 2025)** bans non-traceable wood sourcing
2. **Formaldehyde emission limit to be halved (Aug 2026)** → Moving to the next least expensive toxic binder
3. **Import tariffs and VOC limits tightening globally** → Traditional composite producers can't comply profitably without raising prices

A Cost-Competitive, Circular Replacement for Toxic Wood Panels

As urbanization and resource scarcity accelerate, ECOR redefines how materials are made, delivering a circular, low-carbon solution built for the modern economy without a green premium.



Efficient Economy: ECOR converts waste into high-value panels, cutting material, energy, and transport costs through local, streamlined production.

Decarbonization & Resource Scarcity: ECOR uses only water, heat, and pressure – no wood, no resins, 100% recyclable. Each panel stores carbon and supports a fully circular system.

Health & Wellbeing: Zero-VOC and formaldehyde-free, ECOR panels protect indoor air and human health → safer choice for manufacturers, builders and consumers alike.

trestles · sba home · PIVA · GAUTIER · IKEA · MASTERBRAND · RigaWood

A Ubiquitous Material

Applications:

- Countertops
- Cabinetry
- Walls
- Subfloor
- Ceiling
- Soffits
- Doors
- Crown Molding
- Base Molding
- Fixtures
- Wall Sheathing
- Roof Sheathing

"Our wood-based composite use and the products made from those composites in a typical multifamily development are at least 15-20% of hard costs. If we could save millions using ECOR, we would be ecstatic and so would many others in the industry. Adding in the fully circular and sustainability claims would really thrill my investment partners"

- Gregg Pinkalla, CEO Fairfield Residential

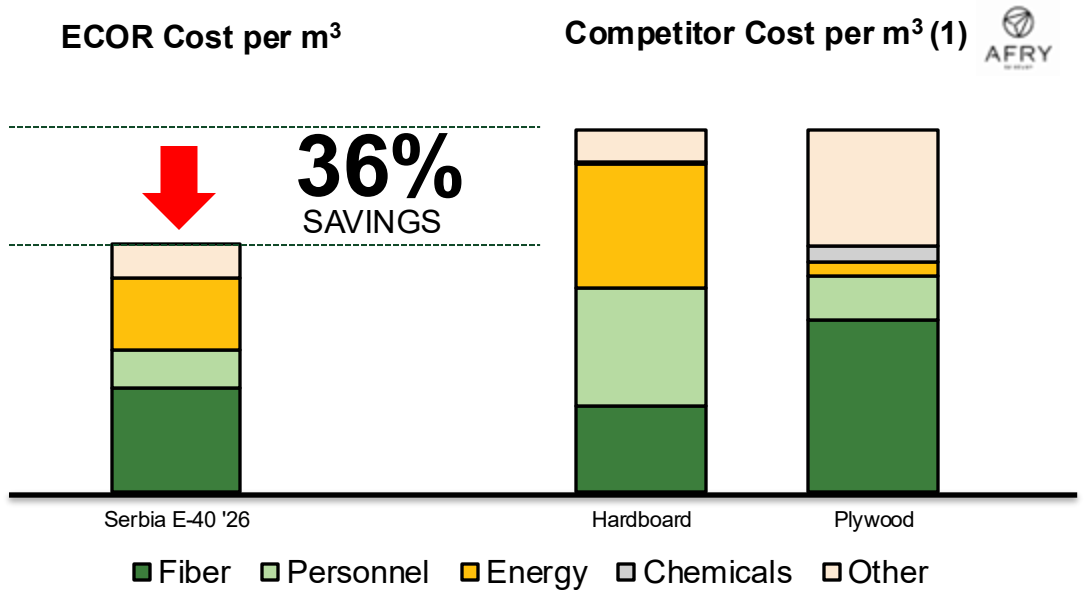
A Better Product, A Lower Cost

ECOR Production Cost Breakdown vs Competing Products ($/m^3)

ECOR panels can outperform wood-based composites in cost, performance, and price

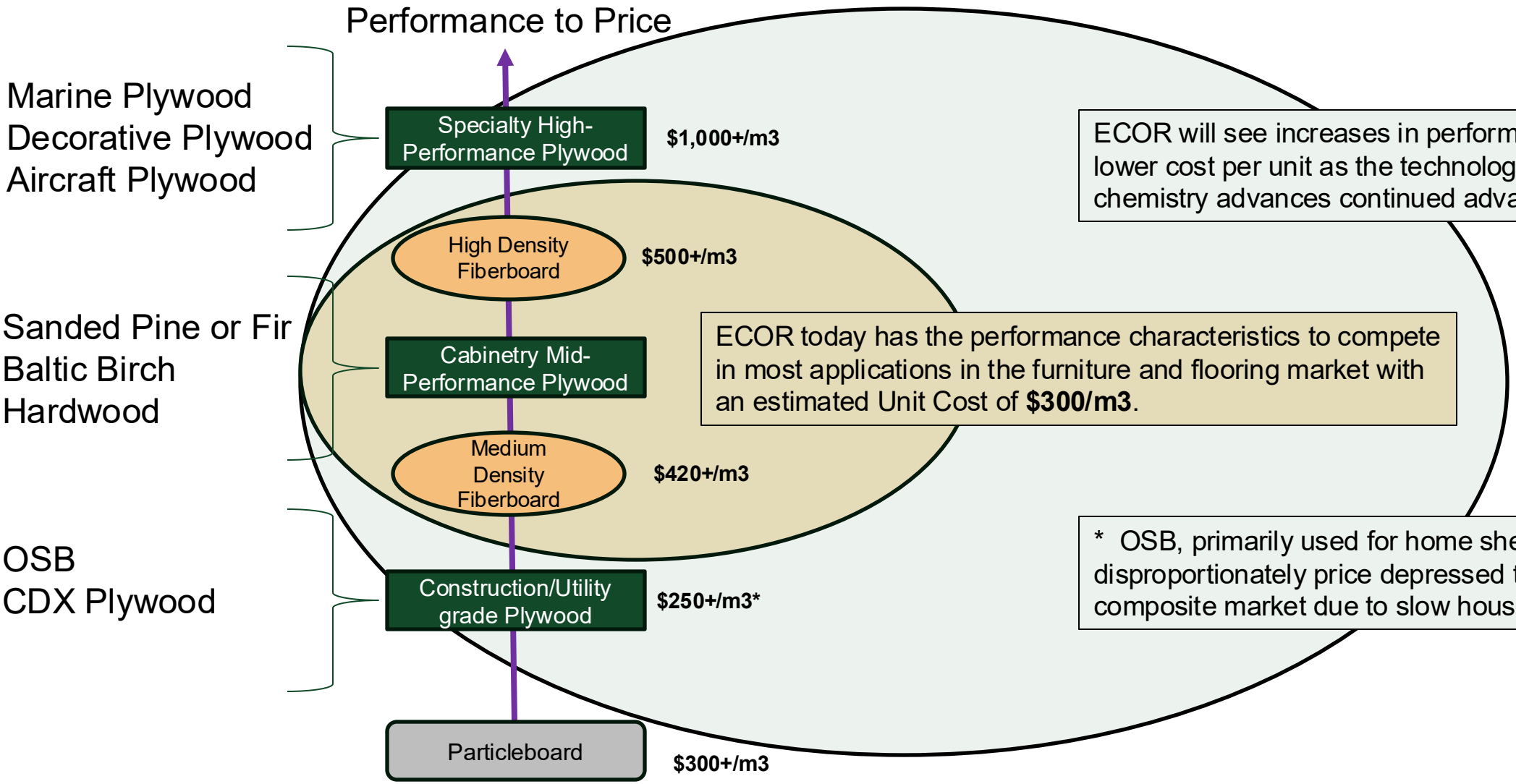
Projected Cost per cubic meter based on the economics of E-10 before automation, renewable energy or efficiencies with new equipment

The hardboard and thin plywood market is valued at approximately $80 billion annually, with a significant portion of U.S. supply being imported and subject to tariffs.



(1) Leading Composite Manufacturer Cost Analysis AFRY (July'24)

Redefining the Price–Performance Curve



A Materially Better Product

Competitive Differentiation vs. Traditional & New Composites

		Product Type	Type of Process	100% Bio Based	Resin Free	Biodegradable	Recyclable	Carbon Negative	Tree Free	Deforestation Exempt	Formaldehyde Free *	Carcinogenic Ingredients	Circular
		ecor	**Wet**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**Yes**
Traditional	Composites	**HDF**	Dry	No	No	No	No	No	No	No	Possible - $$$	Yes	No
		Plywood (Thin)	Dry	No	No	No	No	No	No	No	Possible - $$$	Yes	No
		MDF	Dry	No	No	No	Yes***	No	No	No	Possible - $$$	Yes	No
		Particle Board	Dry	No	No	No	Yes***	No	No	No	No	Yes	No
New		**Modern Mill**	Dry	No	No	No	Yes****	No	Yes	Yes	Yes	Yes	Yes****
		InventWood	Chemical	No	No	No	No	No	No	No	Unknown	Unknown	No
		Plantd	Dry	No	No	No	No	No	Yes	Yes	Yes	Yes	No
		Forge Fiber	Dry	No	No	No	No	No	Yes	Yes	Yes	Yes	No

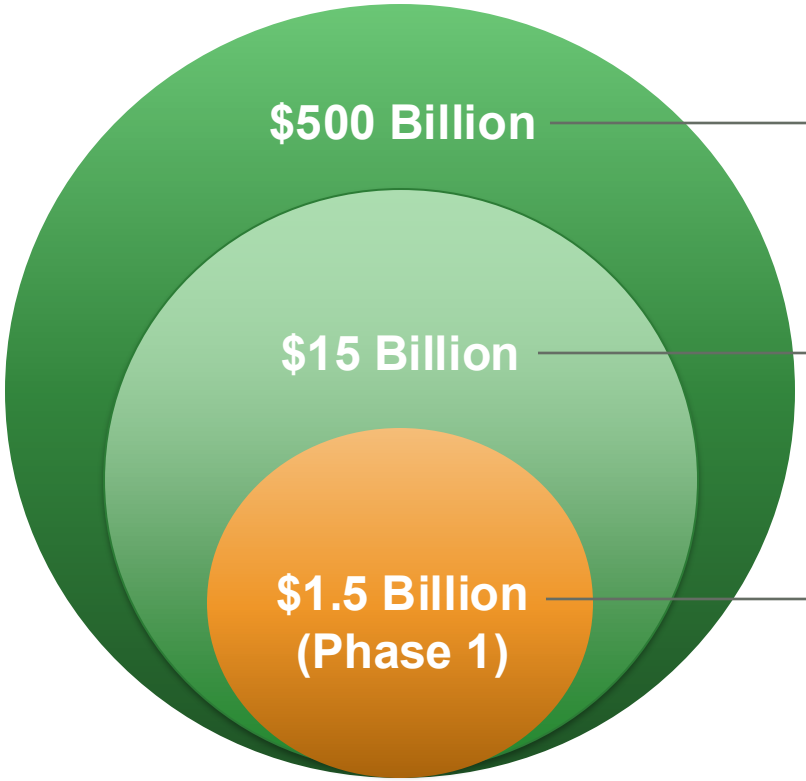
* **Formaldehyde Free** – For traditional composite panels to claim formaldehyde free or no-added formaldehyde are industry cover language for the substituting formaldehyde with a more expensive resin (biobased or isocyanate resin), rendering the material more expensive and still uneconomic to recycle.

** **AFRY Unit Cost per cubic meter** – AFRY, the leading engineering and commercial consulting firm to the paper and board industry determined the Unit Cost per cubic meter for ECOR and that for traditional composite materials in their July 2023 independent analysis, providing no benefits to ECOR for its carbon, sustainability or circular attributes.

*** Several industry leaders have constructed MDF recycling facilities to demonstrate circularity and increased sustainability, but the expensive high pressure steam process returns a weaker fiber with remaining resin and limiting the input of these recycled fibers to 7-10%; requiring adding more toxic resins for new panels of lower performance.

$500B Market, Validate by AFRY

In July 2023, AFRY, a major global engineering and consulting firm, was commissioned to evaluate the viability and scalability of the technology and the commercial opportunity for ECOR products. AFRY, which specializes in the pulp, paper, and panel industry, completed its evaluation and provided the following market analysis of just North American & European panel market:



TAM
Total Addressable Market

SAM
Serviceable Addressable Market

SOM
Serviceable Obtainable Market

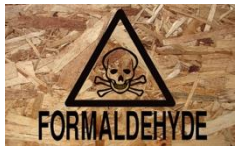
The Timing Is Right: Regulatory Tailwinds

EUDR

The EU now requires complete traceability for all wood-based products. ECOR® provides customers an exemption from this challenging and expensive regulations.

Tariffs

Beginning February 2025, the U.S. implemented tariffs on wood and wood-based composites. This policy affects approximately $3 billion in annual imports that ECOR® has the potential to replace.



Toxins

By August 2026, new EU regulations will limit formaldehyde emissions to 0.05 ppm. Most wood composite manufacturers currently exceed this threshold and will need to invest in costly facility upgrades and price increases. ECOR® emits less than 0.002 ppm and uses no toxic binders.

Sustainability & Circularity

Demand is rising for recyclable, low-carbon, healthy materials. ECOR® is 100% bio-based, non-toxic, and compostable, supporting ESG goals and circular economy targets.

Partnerships as Growth Accelerators

Entering the market with the best

Company Background:

Symbol: STERV.HE
Headquartered: Finland
Employees: 20,000
Sales: $10 billion annually ($5B income)
Industry: Leading provider of renewable packaging, **biomaterials**, and wooden construction, and one of the largest private forest owners in the world.

In co-development: joint bio-based panel + trade show marketing efforts

Company Background:

Private
Headquartered: Atlanta
Employees: 35,000
Sales: $20 billion annually
Industry: One of the world's largest manufacturers and distributors of tissue, pulp, paper, toilet and paper towel dispensers, packaging, **building products** and related chemicals.

GP continues to provide Company introductions to large customers in high-tariff segments (Masterbrand, Cabinetworks, American Woodmark)

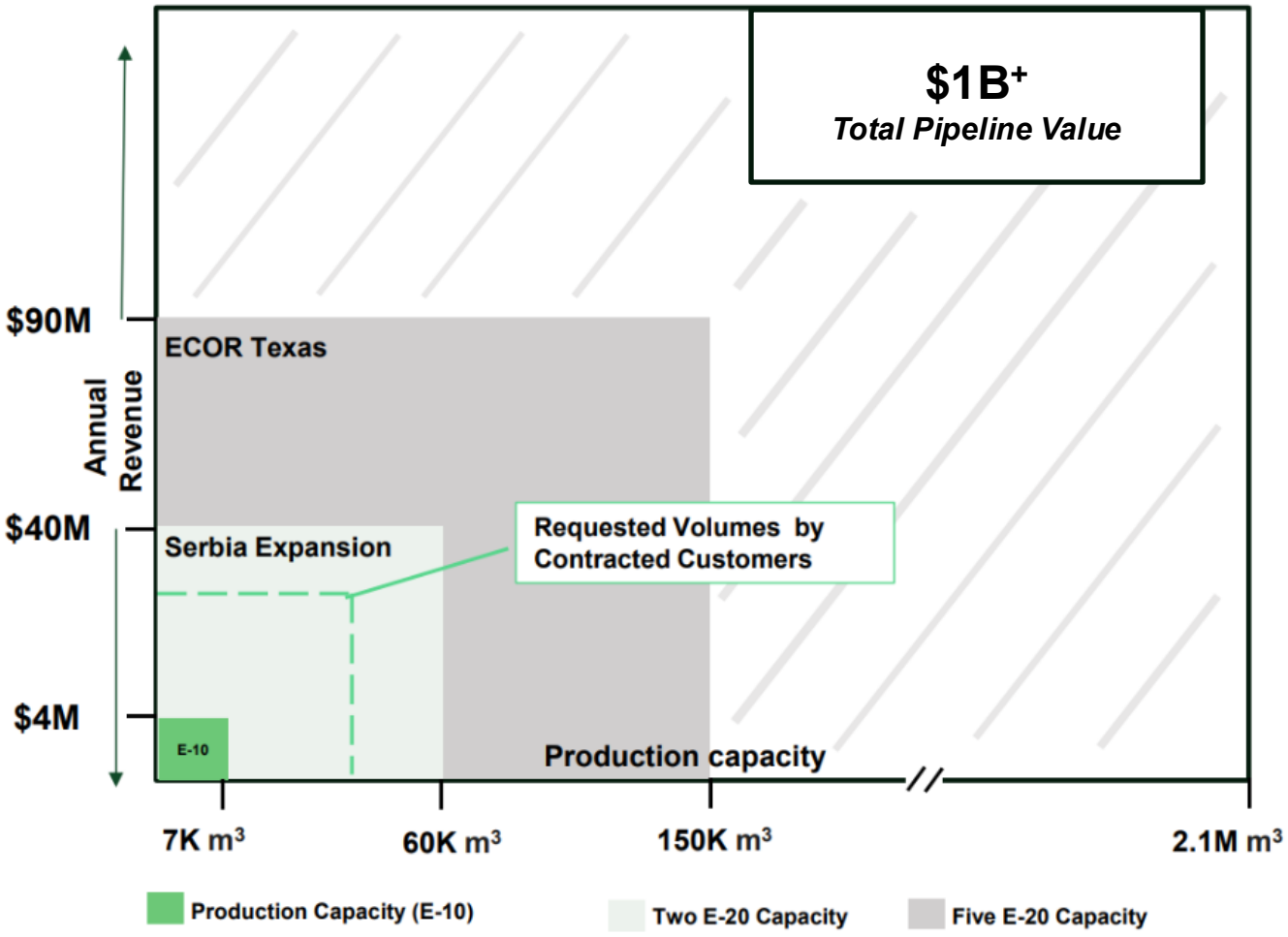
Global Commercial Pipeline Highlights

	MASTERBRAND	IKEA	PIVA	sba	ESPCOTIMBER	trestles
Company Description	Cabinetry	Furniture/store displays	Distributor	Furniture	Distributor	Shelving
Location	United States	Sweden	Italy	Lithuania	Spain	Czech Republic
Status	ECOR has passed lab testing and has completed commercial production test runs and now working on finishing aesthetics (texture).	ECOR has been approved and is an official material in IKEA's store refurbishment program. ECOR is being tested by the furniture division as a direct substitute for MDF.	Currently in development for the replacement of all MDF base boards for their adjustable bed frames.	SBA is undergoing commercial testing to see if ECOR can be a replacement for the current MDF they are using,	Customer committed to 20 containers per month. Their network of cabinet and door manufacturers has indicated material requirements significant enough to support several ECOR plants.	Customer committed to 40 containers per month. Initially, they wanted to purchase 100% capacity of ECOR Serbia.
Testing Status	Lab/Commercial testing complete	Lab Testing	Seeding customers to test	Lab Testing	Internal Testing complete	Internal Testing Complete
Estimated 1st Year Revenue Potential	~$6 MM	~$5 MM	~$3 MM	~$6 MM	~$200 K	~$700 K
Estimated 5th Year Revenue Potential	$100 MM+	$100 MM+	$100 MM	$100 MM	$4 MM	$13 MM

☐ - Purchase Order

Investing in Capacity to Capture $1B+ in Demand

Current Demand vs Capacity (in m3 & USD)



ECOR is facing a dramatic supply-demand gap.

Current Capacity: A single ECOR E-10 plant produces a maximum of 7,000 m3 per year, valued at $4 million.

Pipeline Demand: The total contracted pipeline demand is 2.1 million m3, representing an annual material spend of nearly $1.1 billion.

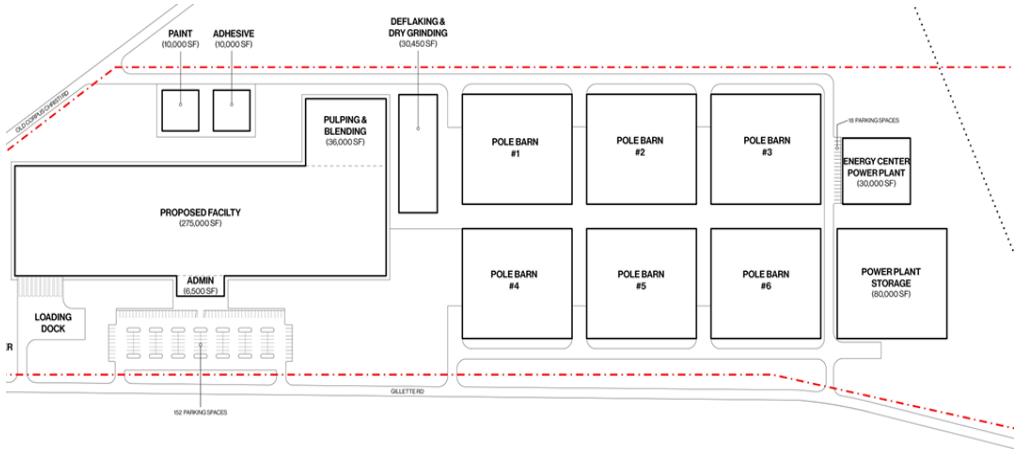
Market Interest: This demand volume reflects interest only from the European furniture industry following a single major trade show in the U.S.

Need for Investment: The potential demand is roughly 200 times ECOR's current production capacity, validating the urgent need to invest in rapidly building new facilities (e.g., Serbia Expansion and ECOR Texas) to meet this massive initial market need.

sba home trestles IKEA MASTERBRAND LIXIL PARADOR RigaWood

ECOR Global Project Financials

ECOR Global Consolidated P&L - Base Scenario	2026	2027	2028	2029	2030
Revenue by Location:					
Kraljevo, Serbia (E-10)	$3,592,327	$4,055,493	$4,136,603	$4,219,335	$4,303,721
Kraljevo, Serbia (E-20)	$0	$23,872,783	$36,898,065	$37,636,027	$38,388,747
Total Revenue	**$3,592,327**	**$27,928,275**	**$41,034,668**	**$41,855,361**	**$42,692,468**
Growth %	*920.0%*	*677.4%*	*46.9%*	*2.0%*	*2.0%*
Total Direct Costs	**$3,216,576**	**$11,884,601**	**$16,103,273**	**$16,586,371**	**$17,083,963**
% of Revenue	*89.5%*	*42.6%*	*39.2%*	*39.6%*	*40.0%*
Total Facility EBITDA	**($377,422)**	**$12,966,073**	**$21,414,307**	**$21,679,597**	**$21,944,882**
Facilities EBITDA %	*(10.5%)*	*46.4%*	*52.2%*	*51.8%*	*51.4%*



US Facility Estimated Annual Production Schedule and P&L	Dec-28	Dec-29	Dec-30	Dec-31
Total Revenue	**$20,712,456**	**$55,879,837**	**$57,583,121**	**$57,583,121**
Growth %		*169.8%*	*3.0%*	*0.0%*
Total Direct Costs	$7,075,186	$18,833,143	$19,531,946	$20,117,904
Total Direct Costs %	*34.2%*	*33.7%*	*33.9%*	*34.9%*
Gross Margin	**$13,223,020**	**$35,929,097**	**$36,899,513**	**$36,313,554**
Margin %	*63.8%*	*64.3%*	*64.1%*	*63.1%*
Facility EBITDA	**$6,870,456**	**$27,854,962**	**$28,650,384**	**$27,901,727**
Margin %	*33.2%*	*49.8%*	*49.8%*	*48.5%*

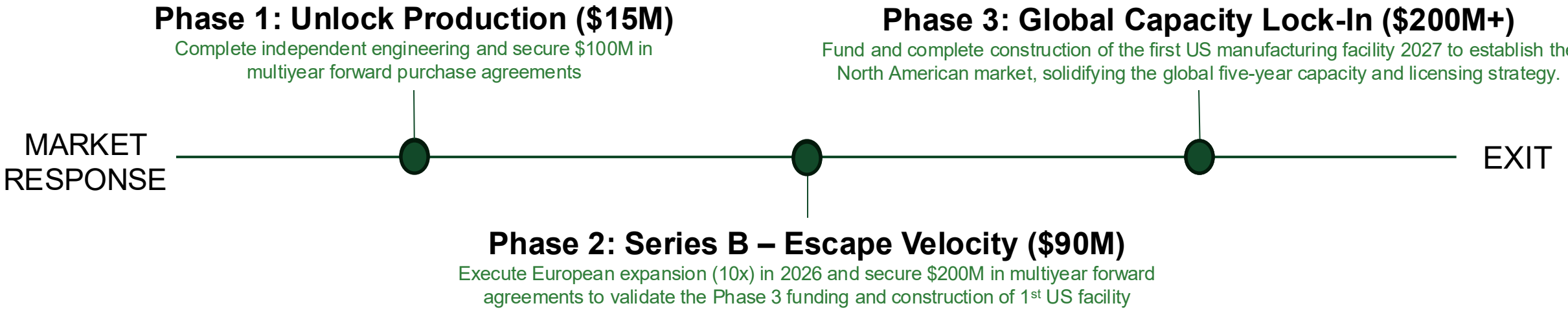
All estimates are calculated without the benefits of renewable energy, automation, equipment efficiencies or carbon values. All estimates subject to changes due to timing, funding, construction and market.

A Clear Path to Market Leadership

Execution Roadmap to a $2B Revenue Target

The pilot facility successfully provided a demonstrably superior material to global leaders, confirming massive market fit for capturing billions in potential sales.

Our singular focus is on **unlocking production capacity to meet this confirmed demand.**



Executive Investment Summary

ECOR is strategically positioned to dominate a market that is inaccessible to the traditional composite panel manufacturers.

The Opportunity

$15M

9% Note Converted

30% Discount

Price Cap Protection

36 months

$3M+ → $100M+

Revenue

$320M

High-Traction
Pipeline Value

Potential Impact/Return

~$1B+ 2028 Exit Value

~500k trees saved / yr*

~200T/CO_2 saved/yr*

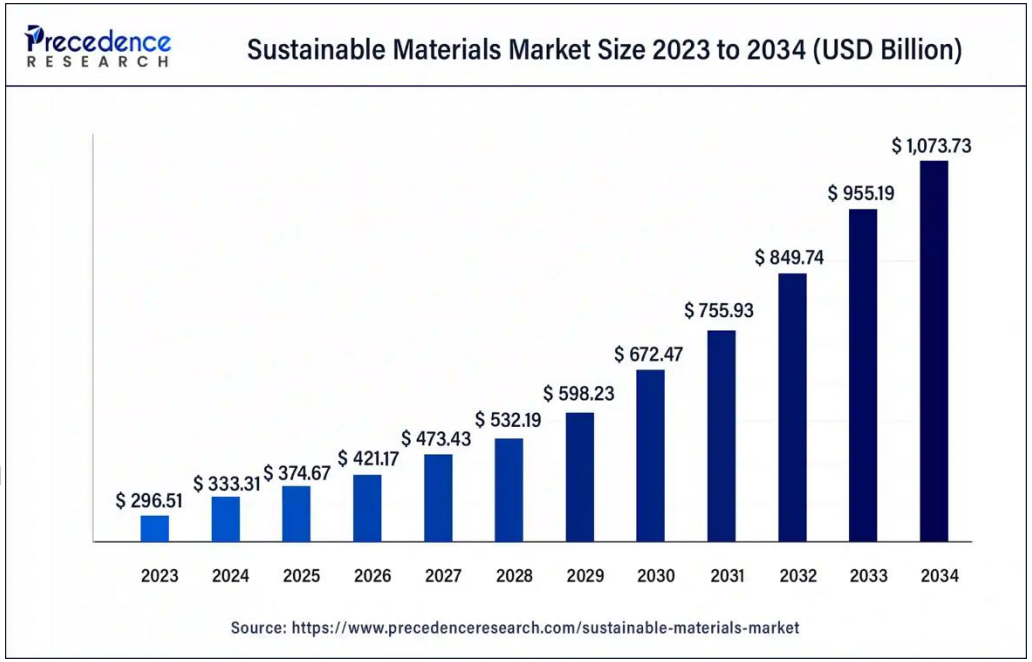
* Independent potential impact analysis for each renewable energy powered production unit

Exit Potential & Closing

Strategic Acquisition:
The most likely path. An acquisition by a major building materials company (e.g., Stora Enso, Saint Gobain, Georgia Pacific, Eggers, Kronospan, etc..), a large chemical/industrial company (e.g., Dow, DuPont,) or global contractor seeking a market-leading sustainable materials platform.

Third Party: (non-strategic):
With the proliferation of large impact funds, resource scarcity concerns and climate mitigation, the acquisition or licensing of the technology by region to meet demand is likely.

IPO:
As the circular economy matures and we achieve significant scale and profitability, a public offering would be a viable option to provide liquidity and further fund global expansion.



A Proven Management Team

Jay S. Potter

FOUNDER & CHIEF EXECUTIVE OFFICER

- 25 years of environmental technology startup experience from team development, product sales, and three exits.
- Co-Founded numerous first-to-market environmental technologies in solar, EV charging, biomass, gasification, pyrolysis, high-volume electrolysis and material science.
- 22 years Circular Economy Pioneer

Roberto Reyes

CHIEF OPERATING OFFICER & CHIEF COMMERCIAL OFFICER

- 20 years in building teams and managing the construction of manufacturing facilities and bringing new product lines to market
- Supply chain executive for global manufacturers in pharmaceuticals, healthcare and beverage industries with several high profile exits.
- Knows how to get things done

Dejan Vujovic

MANAGER, ECOR GLOBAL SERBIA

- 20 years multi-national corporate management experience
- Broad skillset manager comfortable in front of line worker to politician
- Instrumental role in the development of ECOR's technology.

Edgar Sur

VP OPERATIONS

- 20+ years leading enterprise transformation, operational excellence, and strategic planning.
- Expert in process optimization, forecasting, and resource management.
- Proven success managing global CMO and logistics partnerships.

Steven Jay Mueller

VP PROJECT DEVELOPMENT

- 25 years of environmental technology startup experience from team development, product sales, and three exits
- Built and scaled CHP and biomass energy ventures across the US
- Led multiple energy startups to successful acquisitions

Cory Cunningham

CHIEF FINANCIAL OFFICER (FRACTIONAL)

- $60MM+ track record over 15 years in COO, CFO, and senior leadership.
- Built companies and executed complex projects in cleantech, real estate, and construction.
- Secured over 100 government prime contracts (FAR).

Merle Marting

CHIEF MARKETING OFFICER (FRACTIONAL)

- Extensive Fortune 500 marketing and branding experience
- Four multibillion marketing leadership roles
- Substantive AI Expertise and experience

Martin Sabarsky

CHIEF LEGAL OFFICER (FRACTIONAL)

- 20-year bioeconomy leadership
- $10B in M&A Financing across various industries
- Practicing SEC attorney of note
- Smartest guy we know, Jeopardy finalist

Jay S. Potter
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