

Financing America's farmland transition

Through acquisition, regenerative farming, and carbon credit sales

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Problem (US Midwest)

01

Monoculture Farms

The region produces 1/3 of world's corn and soy

02

Economics

40% of farms' profits come from subsidies



03

Soil Health

⅓ of the region's topsoil has eroded

04

Displacement

Commercial development replaced (insert figure)

Solution



\$50 Million

PE Real Estate Fund



Returns

IRR: 36% & ESG Targets





Targets

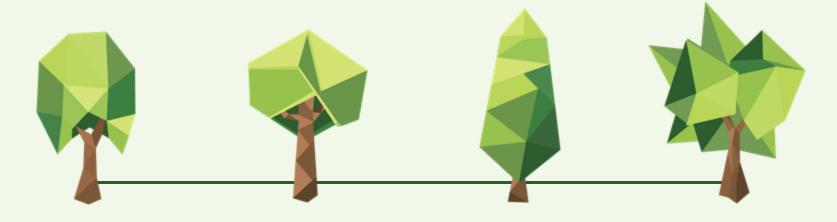
degraded farmland in U.S.
Midwest



Strategies

Regenerative farming, carbon credit, etc

Process



Phase 1Farmland
Acquisition

Phase 2
Support
Transition

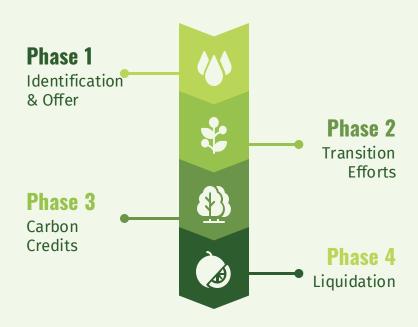
Phase 3Carbon Credits

Phase 4
Liquidation (Options)





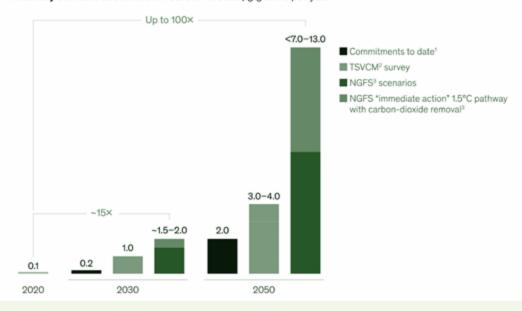
- 520 Acres
- "Highly tillable"
- Ask: \$3.5M
- Listed 1100 days ago
- Bank Foreclosure



Trends & Opportunities

Global demand for voluntary carbon credits could increase by a factor of 15 by 2030 and a factor of 100 by 2050.

Voluntary demand scenarios for carbon credits, gigatons per year





Growth

In demand for carbon credit by 2030



Billion

Carbon credit market



Trillion

Net financial return potential by 2050



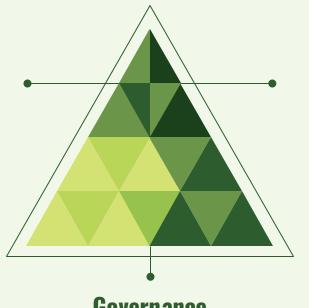
GtCO2e

Mitigation potential in the same period

ESG Return

Environmental

- Reduced ag. run-off
- Increased sequestration
- Increased biodiversity
- Increased soil health



Social

- Reduced farmer displacement
- Increased sustainable operations

Governance

- Reduced dependence on subsidies
- Increased farmer engagement & efficacy

Return Projections & Metrics

Financial	IRR 20-36 (%)		
Sequestration	1.425 million (ton)		
Biodiversity	+0.3 (simpson index)		
Chemical	Reduction of over 16.5 (%)		
Displacement	Prevention of 25 (farmer households)		
Subsidy	Reducing 2 million (\$)		

Thank You! Questions?

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Appendix A: Case Study Projections

Sample 7-year NPV for a \$2 Million Farmland Investment										
Period (Year)	1	2	3	4	5	6	7			
Value of Farm Production	\$0	\$0	\$0	\$551,184	\$583,153	\$616,976	\$652,760			
Net Farm Income	-\$250,000	-\$250,000	-\$250,000	\$192,297	\$203,450	\$215,250	\$227,735			
Biochar Revenue	\$0	\$0	\$0	\$1,648,124	\$1,648,124	\$1,648,124	\$1,648,124			
Net Biochart Income	\$0	\$0	\$0	\$1,169,018	\$1,169,018	\$1,169,018	\$1,169,018			
Carbon Credit Income	\$162,896	\$162,896	\$162,896	\$1,331,914	\$1,331,914	\$1,331,914	\$1,331,914			
Total Farm Income	-\$87,104	-\$87,104	-\$87,104	\$2,693,229	\$2,704,382	\$2,716,182	\$2,728,667			
Farmland Sale	-	-	-	-	-	-	-	\$2,238,956.63		
NPV	\$5,384,495	IRR	36%							

Questions/Comments from Speakers

- "I like those IRRs in the context of reaching ESG targets!!"
- Will you have your carbon credits audited?
- What would be considered usury in the sell back to farmers? what are the do no harm factors that should be considered?
- How many years does it take to take conventional farms to regen?
- What is the difference in yield?
- "I like the returns AND KPIs... both = powerful"