Grasslands around the United States are heating up and drying out…



Healthy grasslands play an important role in freshwater retention and climate change mitigation

WATER ABSORPTION



Healthy soil absorbs rainfall, preventing flooding and retaining freshwater for the watershed region¹

CARBON CAPTURE



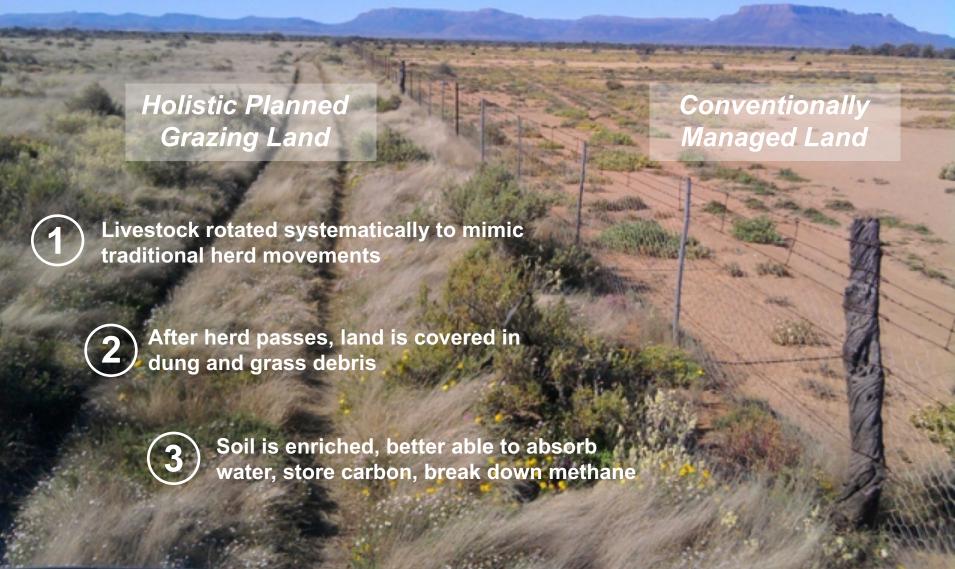
Healthy soil sequesters carbon, helping to reduce greenhouse gasses

METHANE BREAKDOWN



Healthy, well-aerated soils harbor bacteria that break down the methane emitted by animals

Holistic Planned Grazing (HPG) offers a comprehensive solution to degraded grasslands



Why isn't Holistically Planned Grazing widely practiced?







Behavioral Change

Long-standing ranching practices are passed down through generations

Switching Costs

HPG requires investment in assets like fencing and trained personnel

High Land Prices

Leisure buyers are attracted to water-rich land, which prices cattle ranchers out of these areas



So what's the solution?



The Grasslands Restoration Fund leverages diverse sources of capital to fund HPG.

Leisure Buyers

Purchase plots from SPV and pay yearly lease payments to access entire grassland area

Incentive:

Cheaper access to more land

Cattle Owner

Role:

Pays per-animal fee to SPV in pay-for-performance model

Incentive:

Access to drought-resistant land with more capacity

Grasslands LLC

Role:

Sources cattle owners and manages ranch using HPG

Incentive:

Paid on a per-animal basis for ranch management



Grassland **Restoration Fund**

- SPV funded by blend of debt and
- Purchases and owns grassland



Water Rights Market

Savory Institute

Receives periodic fee to certify land capacity, water, & carbon

Continue to build dataset on HPG























The U.S. Mountain West Presents a Total Addressable Market of \$52 billion.

Financial Potential			
State	Threatened Acres (mm)	\$ per acre	Market (\$mm)
ID	5.0	2,580	13,005
MT	5.1	852	4,318
WY	2.6	1,360	3,563
UT	3.4	2,690	9,185
СО	4.9	1,450	7,103
AZ	1.4	7,960	11,121
NM	2.6	1,550	4,070



Impact Potential			
State	Water (mm gal.)	Carbon (mm tons)	
ID	656	213	
MT	660	214	
WY	341	111	
UT	445	144	
СО	638	207	
AZ	182	59	
NM	342	111	

Total Addressable Market: \$52 Billion¹

3.2 tn gl Water

addt'l soil absorption capacity

1 gt Carbon

addt'l soil sequestration capacity

American Farmland Trust, "Strategic Ranchland in the Rocky Mountain West"

Our initial GRF project projects a 7.5% unlevered return to investors.



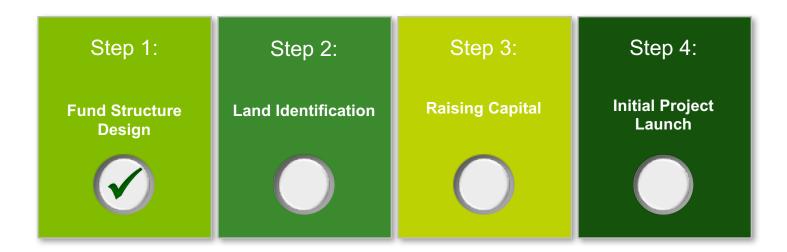
Upper Green River Basin Initial Project:

- Chief tributary to the Colorado River
- High amenity value and operational conservation exchange
- 12,000 acres of ranchland purchased at \$3,000/acre; 10% sold to amenity buyers

Projected Cash Flows



Next steps to implementation…



GRF Actions:

- Identify stakeholders and incentives
- Determine cash flow and deal structure
- Engage land broker to convene leisure buyers
- Conduct roadshow with impact investment advisors
- Establish SPV and drafts operational contracts
- GRF purchases land and enter into agreements.
- Initiate Conservation easement process

Partner Actions:

 Provide crucial information to GRF via interviews

- Land broker identifies ideal land
- Savory Institute verifies potential environment impact
- Grasslands LLC verifies feasibility of grazing strategy

Impact investment advisors help engage conservation-focused institutional investors Partners begin to fulfil their duty

Acknowledgements

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- Professor Adair Morse, UC Berkeley-Haas School of Business
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Appendix





Degraded grasslands exacerbate water scarcity and climate change

EVOLUTION: Grassland ecosystems evolved with herds of large grazing animals



Wild grazing animals traveled in herds to avoid predators, and moved frequently to dung-free fields Concentrated trampling and fertilization facilitates
healthy decay and new growth,
increasing plant density

Dense grasslands
are critical for
absorbing rainwater,
capturing carbon, and
breaking down methane

TODAY: 70% of the world's grasslands are considered degraded



Modern grazing, with animals scattered across vast, fenced-in areas, does not achieve the same results.

Domesticated cattle behind fences are lazy, so grass is grazed unevenly, and lacks the concentrated movement of wild herds. As plant density decreases, degradation impairs the land's ability to absorb rainwater, capture carbon, and break down methane



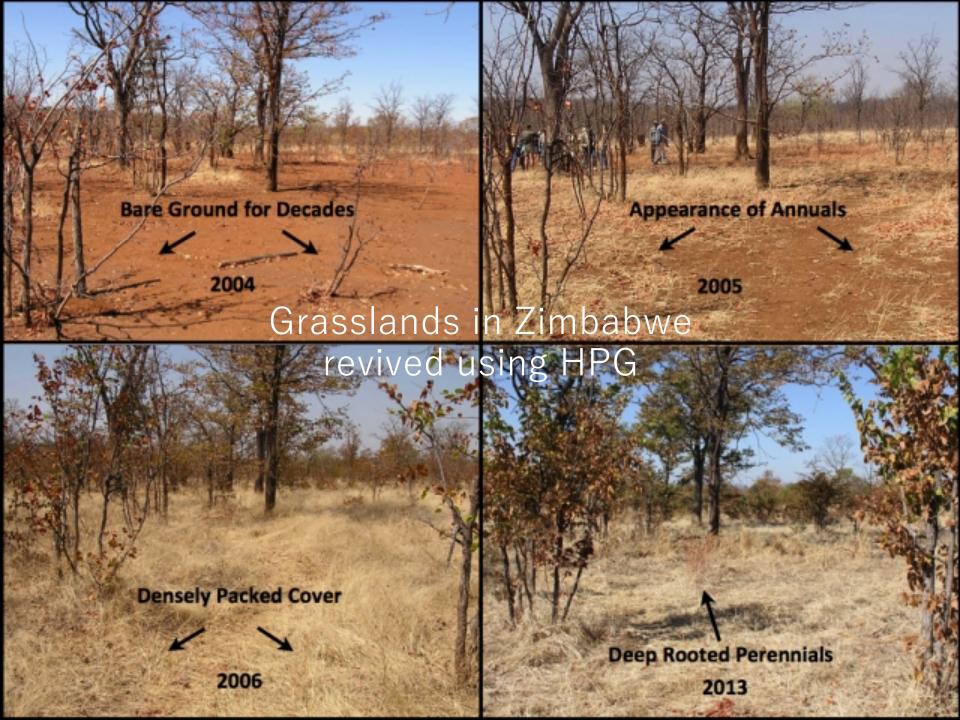


Risks and mitigation strategies

RISK	MITIGATION STRATEGY
Difficult to find leisure buyers	We will partner with a broker such as Beartooth Capital, which has extensive experience selling leisure value properties in the Mountain West. We have included a broker fee in our model.
Difficult to convince ranchers to adopt sustainable methods	We will partner with a ranching professional such as Grasslands LLC, which owns and manages 200,000+ acres of ranchland and has successfully increased carrying capacity of land in U.S. Mountain West, Florida, and New Zealand through HPG.
Ranching is volatile industry	We will attract investors who are comfortable with real estate risk, and we are mitigating the ranching risk. We don't own the cows so even if disruptions in meat industry create problems, we risk losing our yearly fee but can still sell land for its leisure value.







Holistic Planned Grazing planning schedule

