

# betterment harvests



Fostering positive social and environmental impact by upcycling former coal mining and industrial sites to create sustainable community development and job creation. In the impacted communities, we are witnessing a moment of change as our society transitions away from coal-based fuels. These impacted communities are experiencing a number of environmental and social issues left behind by old industry, and there has been a lack of innovation and investment to catalyze practical solutions and change.

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“Betterment Harvest, a division of Land Betterment, is committed to efficiently restoring and remediating former coal mining and industrial sites by using innovative solutions to upcycle land and infrastructure for communities through state-of-the-art agriculture initiatives.”





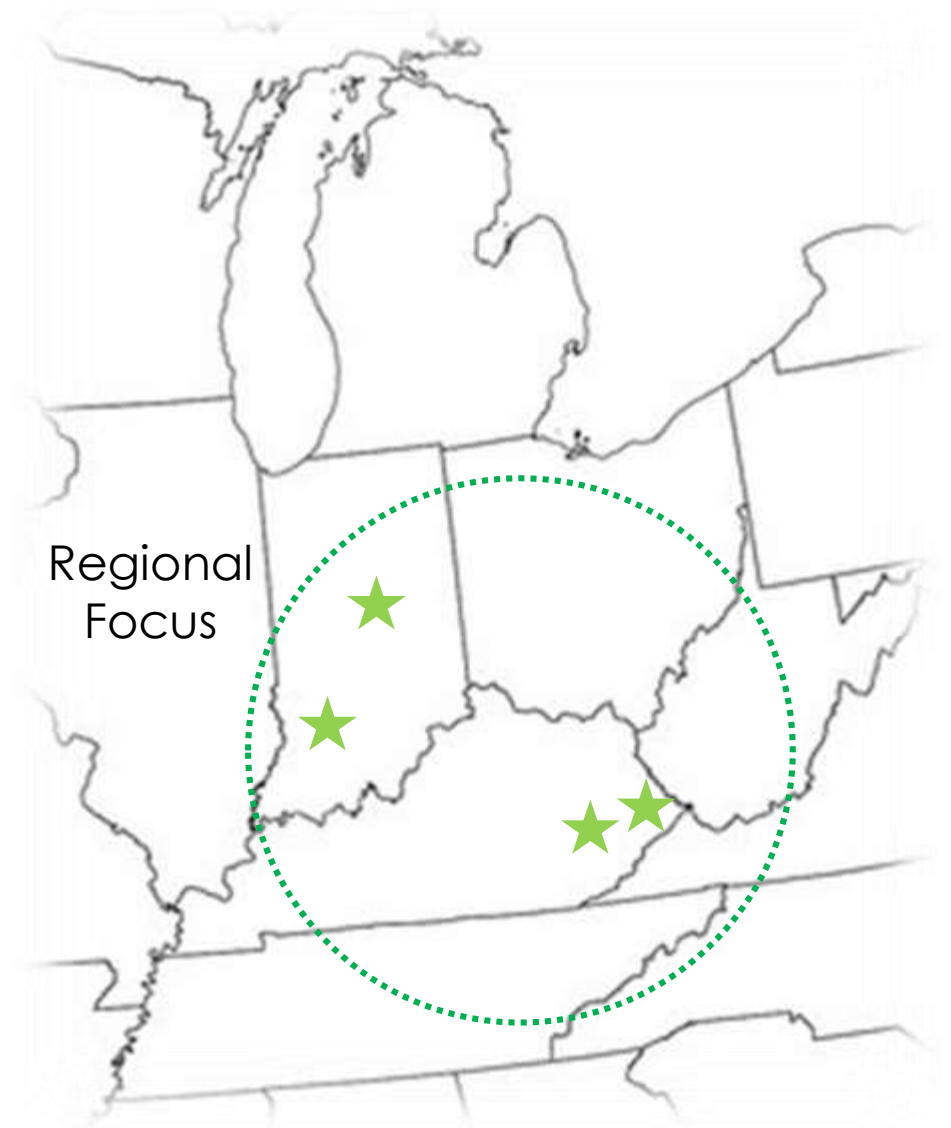
# Regional Focus

- ✦ Betterment Harvest's primary emphasis is on areas deemed high impact zones within Central Appalachia and the Midwest.
- ✦ Betterment Harvest finds unique solutions for communities with impacted lands.
- ✦ Areas of impact have experienced massive economic swings resulting in substantial and long-term environmental and community needs.
- ✦ Due to the lack of investment in the region, there is a void of sustainable job opportunities.

# 28%

**POVERTY RATE  
IN REGIONAL FOCUS**

★ Active projects or projects under evaluation by Land Betterment



# Our Verticals

## Vertical Farming

Our hydroponics division is built utilizing a series of 5,000 sq foot grow rooms utilizing state of the art LED lighting.

## Greenhouse Farming

Combining greenhouse structures with our hydroponics division enables efficient farming with year round capabilities.

## Community Harvests

Land is a luxury in the mountains. We are utilizing our access to 13,000+ acres to create rental plots of farm land for the local community to learn and build their own entrepreneurial ag business.

## Gold Star Farms

Gold Star is built on a prior thermal coal mining operation that is built in combination with a farm to bottle experience and other local specialty crops.

## Cover Crops

In combination with our farm to bottle experience at Betterment Spirits we partner with local farming companies to efficiently utilize land with our cover crop needs.



# Sustainable Agriculture

- ❖ **Sustainable agriculture** uses state-of-the-art, science-based practices that maximize productivity and profit while minimizing environmental damage. It is the future of farming given its ability to grow and harvest large amounts of crops safely and locally, efficiently scale, while using exponentially less land, energy and water than traditional farming.
- ❖ We've built a **replicable model** by utilizing our access to 13,000+ acres and infrastructure, upcycling former coal and industrial properties to bring **economic diversification** and job opportunities that fit the labor force, and establish Appalachia as a regional hub of innovative Ag-Tech and sustainable farming to grow premium produce and agriculture.
- ❖ Our facilities use the most **innovative technology** allowing them grow non-GMO, pesticide-free produce year-round using 90% less water than traditional farming. Additionally, our operations combine LED lighting and solar installations to maximize **energy efficiency** whenever possible.
- ❖ The U.S. and this region need **better access to healthy foods**. Currently, about 13% of Americans struggle with food insecurity, or lack of access. Children in the U.S. are worse off with about 17.5% of kids dealing with food insecurity.
- ❖ We're not just providing fresh produce and jobs to the communities, we're also **teaching future generations** about agriculture and health!



“We provide unique and innovative environmental and social solutions by upcycling impacted lands and materials for communities through sustainable agriculture facilities.”





# Why Appalachia?



- ❖ Appalachia is the **ideal region** to establish as a next-generation, sustainable agriculture hub.
- ❖ Its location places it within **a one-day drive of about 70% of the U.S. population.**
- ❖ Meaning **produce is fresher** when it reaches stores and the consumer.
- ❖ With the U.S. increasingly relying on food imports, it **reduces transportation and diesel** use by up to 80%.
- ❖ From a social standpoint, the **local labor force** has been severely displaced due to the decline in the thermal coal industry and the U.S. shift away from coal-based fuels.
- ❖ The people of this region are incredibly proud and hard working. They are ambitious for job opportunities and in need of **economic diversification.**
- ❖ **The labor force's skillset** from mining transitions extremely well into the sustainable agriculture industry.
- ❖ We are building on the industry's early momentum in this region to **create a new sustainable eco system for this part of rural America.**



# The Betterment Harvest Solution

The  
Current  
State



The  
**Betterment  
Harvest  
Solution**

Environment



Jobs



Sustainability



# Phase 1 Projects

Our Phase 1 development consist of two site locations to produce a blend of sustainable agriculture. Each of the Phase 1 sites were former coal mining and industrial properties that have undergone environmental remediation to effectively and safely accommodate each operation. We are providing real solutions for the environment by repurposing these sites to effectively build a new, sustainable ecosystem for rural America.

VERTICAL  
*by land betterment*

gold star  
farm



# VERTICAL

*by land betterment*

Technology meets upcycling meets high-end, year-round organic agriculture and business to business propagation market

A 21,000 square foot (expandable to 42,000 square feet) former coal mining supply warehouse repurposed using cutting-edge, technology-driven, hydroponic, vertical agriculture grow houses.

- Divided into 5,000 square foot individual grow rooms offering complete control of the climate and environment.
- Each grow room can be exclusively designed to produce organic greens, herbs or fruiting crops.
- Minimizes water and energy use ensuring the perfect calculations for each crop to maximize quality and yield.

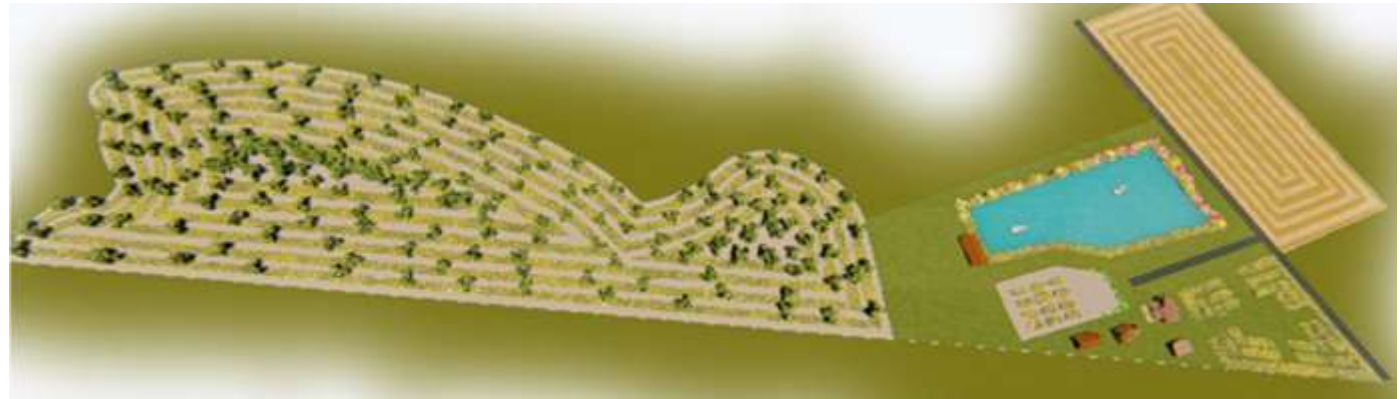




An upcycled former coal mining property repurposed into an organic, farm-to-bottle supply chain with our Coal Craft Spirits brand, creating sustainable jobs for the local community and former coal miners themselves.

All organic crops harvested with a purpose.

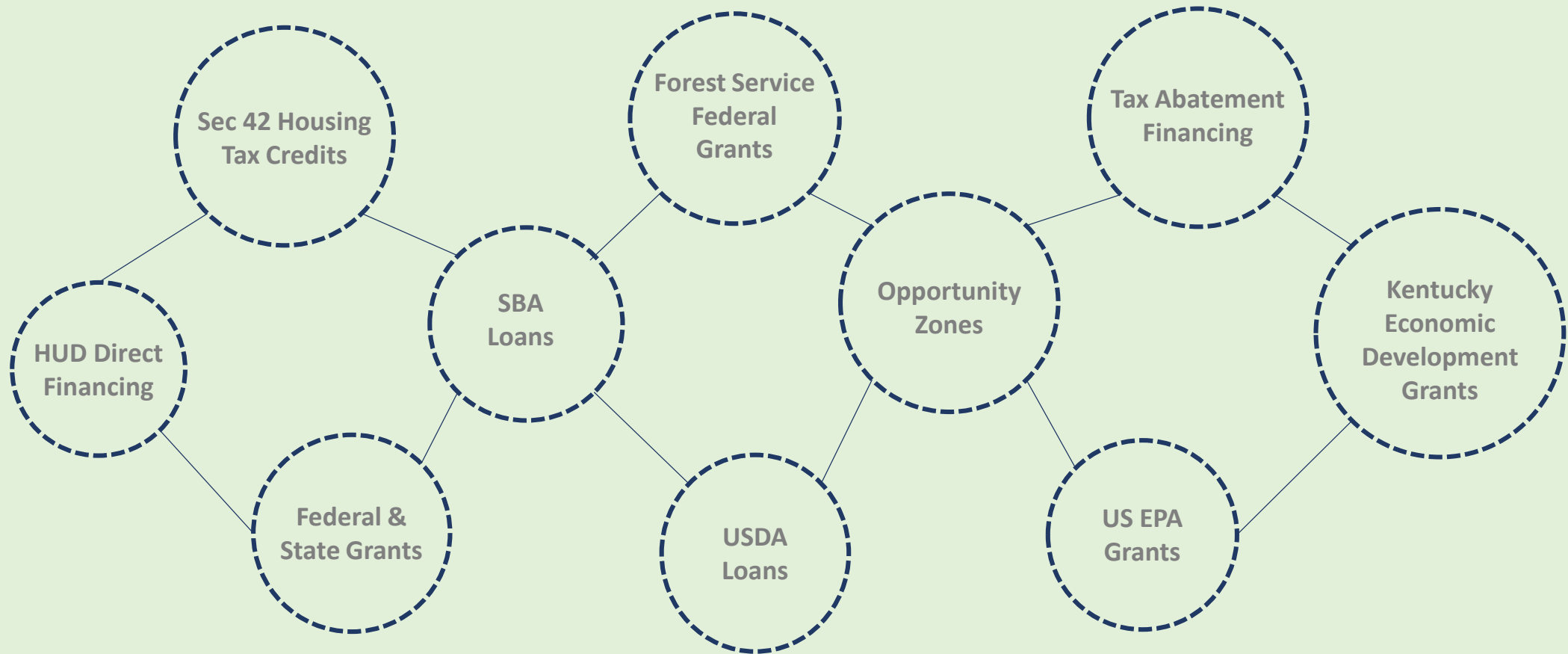
- Gold Star Wheat, Rye and Barley are the farm to our onsite distillery's craft spirits.
- Specialty garlic which thrives off the local impacted soils for high end restaurants throughout region.
- Apple orchard, blueberry and strawberry patches that thrive on the local high acidic soil for your pick community experience.





# Public private relations

We are combining this crowdfunding raise with federal, state and local governmental programs to financially support our growth efforts.





# Betterment Harvest

*A division of*

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**Certified**



**Corporation**  
**PENDING**

### Earth and Community First

