

CO-WY BIOCHAR

Soil Carbon Capture Data & Analytics



Principal Investigator | Rowdy Yeatts

Key Partners: Biochar Co-Op | Boulder County | Carbon Pilot | C-Capsule | Colorado State Forest Service | Rocky Mountain Farmers Union | Yellow Barn Farm

TEAM + PARTNERS



Rowdy Yeatts | CEO & Founder
Sean Mendick | Lead Engineer
Jared Edmondson | Fabricator
Breanna McCarragher | Media Contact

Tim Reader | CO State Forest Service Support
Wyoming Tree Farm | Signed Support Letters
Rocky Mtn. Farmers Union | Co-op Upstart



MOTIVATION...

People want to **make a difference** but aren't sure how to actually **remove carbon**

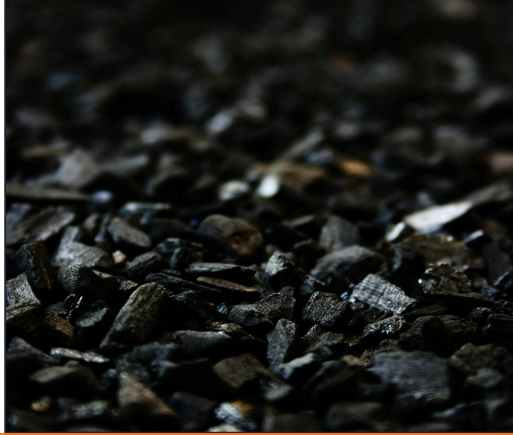


We empower people with **technology** to **remove carbon** from the atmosphere & get paid through **carbon credits**

SOIL CARBON CAPTURE DATA & ANALYTICS



Deploy Stoves
+ Biomass* Utilization



Capture Carbon
+ Generate Biochar*



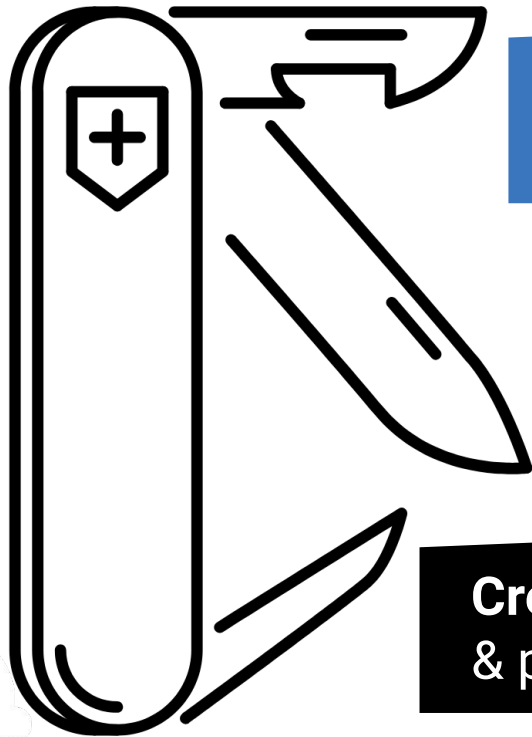
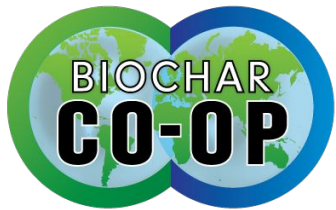
Data Analytics
+ Earn Carbon Credit \$

***BIOMASS:** organic waste from natural & agricultural processes (woody biomass, sawmill waste, wood chips)

***BIOCHAR:** organic material burned absent of oxygen to capture CO₂ & reduce emissions ~50%

BOLD VISION...

**“The Swiss
Army Knife
of Carbon
Removal”**



**Decentralizing carbon removal
through community scale programs**

**Empowering local businesses to
sustain environmentally
responsible processes**

**Creating carbon market accessibility
& profit, through The Biochar Co-op**

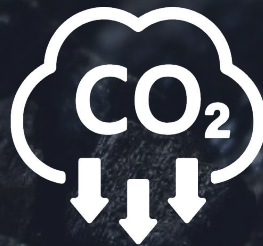
METHODOLOGY...



**Deploy Stoves at
Community Scale**



**Cost Share for
Local Businesses**



**Produce Biochar
to Remove Carbon**



**Improve Soil + Gain
Carbon Credits**

OUTCOMES...



Biomass Utilization

**Reduces Wildfire
Risks**



Stove Heat

**Reduces
Fossil Fuels
Dependency**



Biochar

**Improves Soil
Nutrition & Water
Retention**



Data Transparency

**Carbon Market
Accessibility**



BUILDING ON...

Aiming at Impactful Results

- Actual Carbon Removal
- Biochar Use Research
- Testing Partners
- National Expansion



Opportunity for Further Research

Looking for Partners to Get Involved

Biochar Uses | Pair Use-case Research & Biochar Makers

Carbon Capture | Community-Scale Accessibility

Project Replication | Expand Project Nationally

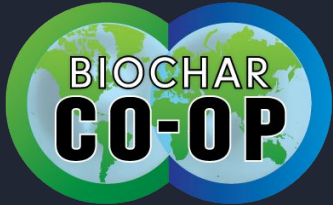
Fire + CO₂ Mitigation | Environmental Responsibility

Wood Utilization | Agricultural & Biological Processes



SHARE CONTACTS!

Engine Community Support



Who Might Benefit?

- Receive Biochar Stove
- At 50% Cost Share
- Must Run 50-100 Days/Yr.

Partners Help With

- Commercialization of Technologies
- Expansion to other areas like the 4 Corners Coalition
- Collaborative Carbon Removal Project Partnerships

EARN CARBON CREDITS + INCOME



APPLICATIONS

- Agriculture & Farming
- Forestry & Sawmills
- Composting Operations
- Tree & Landscape Services
- Woodworking Shops

Anyone needing heat generation, biomass waste disposal, soil amendment, +more

MAKING A DIFFERENCE ONE STOVE AT A TIME...



Community-Scale Carbon Removal Projects



Empowering People Through Technology



Carbon-Market Accessibility

Contact: breanna@hpbiochar.com

www.HPBiochar.com | www.BiocharCo-op.com



HIGH
PLAINS
BIOCHAR

www.HPBiochar.com | www.BiocharCo-op.com