



BC Carbon Stakeholder Meeting

July 13th, 2023

Agenda



- Forest Carbon Collaborative Project
 - Prairie View A&M University
 - Bia Echo Foundation
 - US Business Council for Sustainable Development
- Methane Protocol: next steps
- Commercial Timber Project introduction

Upcoming Meetings

- Methane Subcommittee –
Thursday July 27, 10 AM CT
- DEI Subcommittee – Thursday
August 3, 2 PM CT
- ***Stakeholder Working Group*** –
Thursday August 10, 9 AM CT

All meetings held via Zoom.

To join any subcommittee, please email
Sarah.Swackhamer@BCarbon.org



An aerial photograph of a vast, dense forest. In the upper center, a small, irregularly shaped lake is visible, surrounded by trees. A dirt road or path winds through the forest from the upper right towards the bottom right. The forest is composed of many tall, thin trees, likely evergreens, with a rich green canopy. The sky is not clearly visible, appearing as a pale blue-grey at the top edge.

Thank you

Beth Robertson

Joe Swinbank

A young pine tree with vibrant green needles stands in the center of a forest. The background is filled with taller, darker pine trees, creating a sense of depth. The lighting is bright, suggesting a sunny day. The text is overlaid on the lower half of the image.

Bia Echo Foundation Grant:

Prairie View A&M University/U.S.
Business Council for Sustainable
Development/BCarbon Partnership

Right now, producers of color are systemically excluded from Ecosystem Services markets

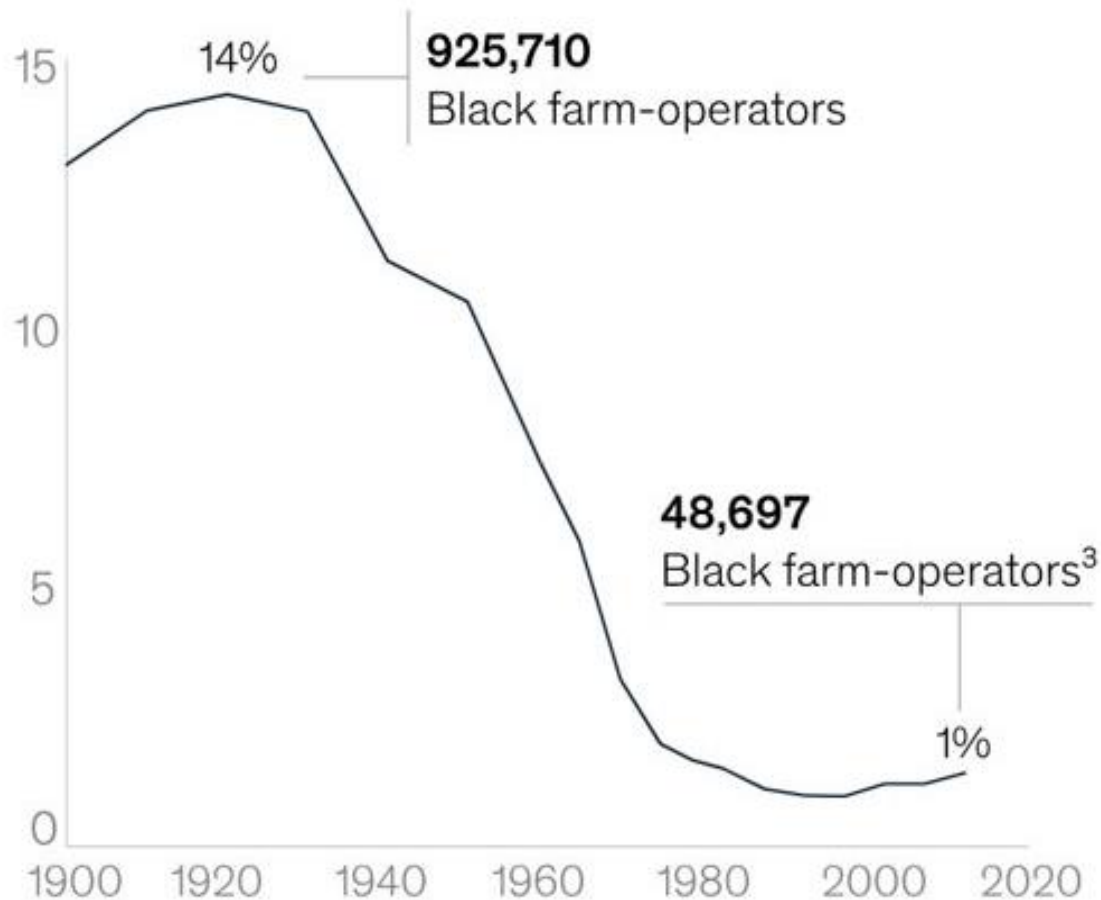
Data from 2012-2014 showed that White people **owned 98%** and operated 94% of all US farmland

Farmers of Color were more likely to:

- Be tenants rather than owners
- Own less land
- Generate less farm-related wealth per person



Source: Horst and Marion (2018)



Black farm operators (key decision makers)¹ have declined significantly since 1900, % of total²

>12 million acres of farmland have been lost by black farmers in the U.S. in the past century

Source: McKinsey & Company

¹Per the USDA, "The farm operator is the person who runs the farm, making day-to-day management decisions. The operator could be an owner, hired manager, cash tenant, share tenant, and/or a partner."

²Compared to all US farmers.

³Since 2002, there has been a small increase in the Black farmer and principle farmer population; potential drivers of this increase include the Pigford 1&2 settlements and the 2002 and 2008 Farming bills which appointed underrepresented farmers to FSA committees and required outreach and programs for socially disadvantaged farmers over this period as well as changes in how the census captured race; Black farmers' ownership of land has grown (3% CAGR) but at a smaller rate than population growth; based on USDA Black producers, other numbers are inclusive of Black farmers who identify as multiple races, (Congressional Research Service 2013).



Diversity, Equity, and Inclusion are critical in the carbon market

BCarbon Principle 11: “Develop a soil carbon credit trading program that embraces diversity of people, is equitable in policy and practice, and inclusive of power, people and culture—recognizing this as an ongoing process that must have full transparency.”

Strategic recommendations from our DEI subcommittee

- Continuously *invite, include, and expand* our stakeholder network among communities and landowners of color
- *Partner* with other NGOs, associations, and corporations
- Create *educational and training solutions* to lead to career inclusion
- Leverage broad *governmental solutions*
- *Expand access* to capital and land
- Develop credits that *do not require large land holdings*
- Jointly apply for *grants*, and give grants directly from our revenue streams to underserved communities

Texas is home to **11,741 Black producers**

This is ***more than in any other state*** and represents nearly **25%** of the country's total Black farm operator population.

Source: 2017 U.S. Census of Agriculture



Forest Carbon Collaborative Project



United States Business Council
for Sustainable Development



PRAIRIE VIEW
A&M UNIVERSITY



BIA-ECHO™



Dr. Elliott Washington



PRAIRIE VIEW
A&M UNIVERSITY
COLLEGE OF AGRICULTURE
AND HUMAN SCIENCES

Cooperative Extension Program



Bcarbon Stakeholder Working Group

Elliott Washington Ph.D.

July 13, 2023

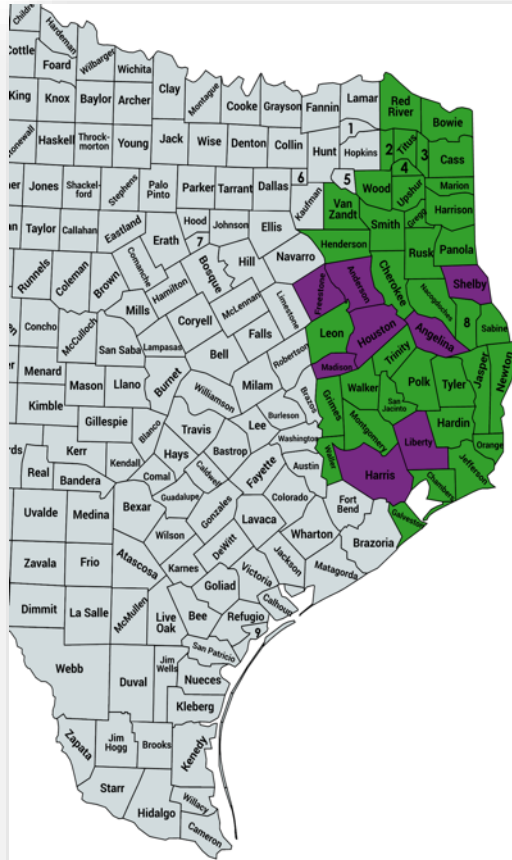
Prairie View A&M University

Land Loss

- Black farmers/landowners have lost over \$326 billion worth of land
- Racial discrimination and violence permitted by state laws led to decline
- Land ownership can provide opportunities to build wealth
- Some land loss was due to discriminatory USDA lending policies



SFLR Program



SFLR Program

- SFLR Start Up Counties
- SFLR Project Area

Staff Forester's Role

- **Speak to landowners about their issues and objectives**
- **Get landowners connected to agencies (TFS, FSA, NRCS, Attorneys)**
- **Arrange site visits to property**
- **Conduct educational workshops (Cost-share programs, Forest Management, Timber Industry)**
- **Develop trust and relationships**



Staff Forester's Role

Natural Resource Management Plan

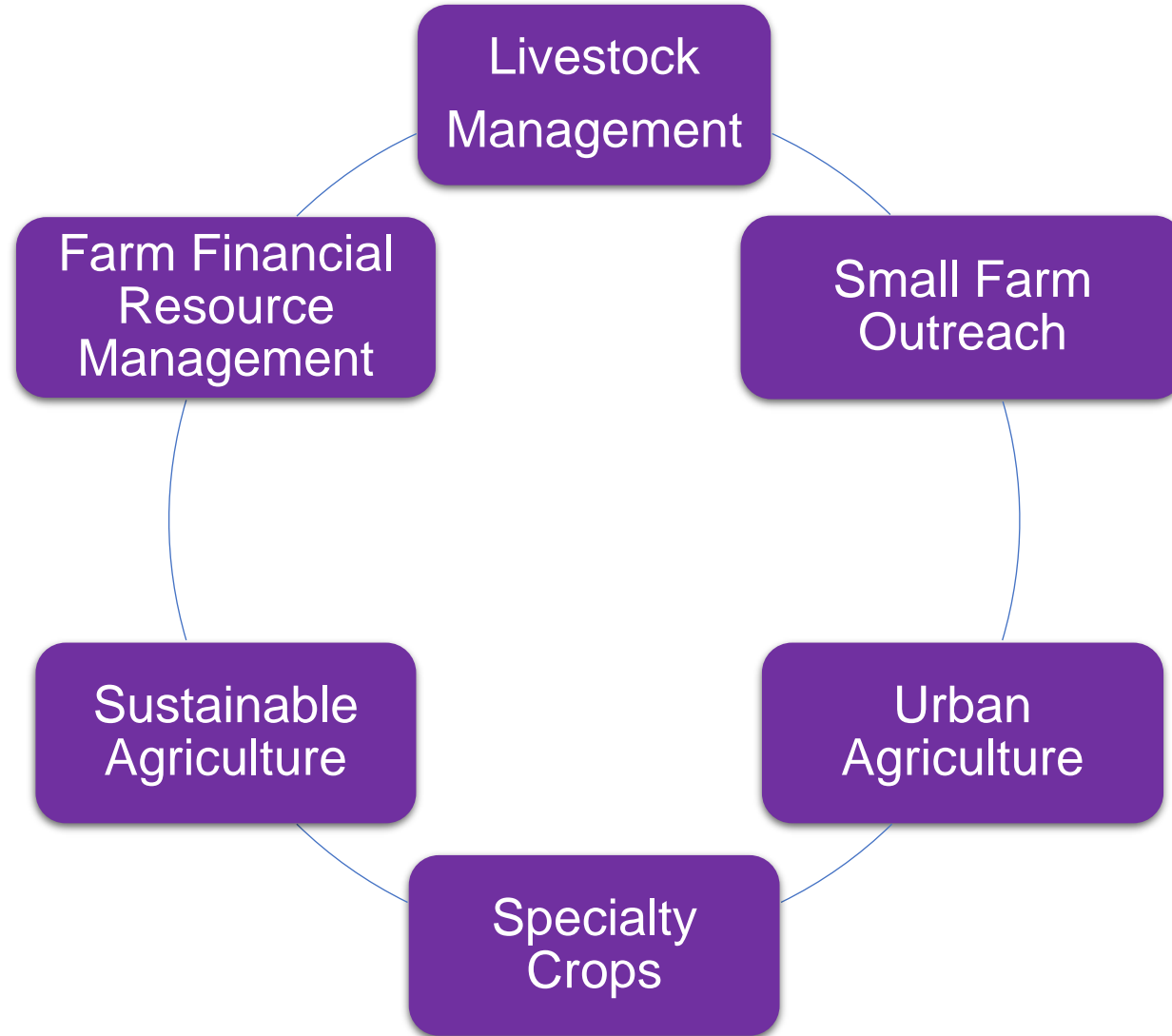
- Objectives
- Property location and history
- Resource assessment
- Management recommendations
- Activity schedule
- Additional Information



Staff Forester's Role



ANGR PROGRAMS





Staff Forester's Role

Objectives

- **Monitoring active logging**
- **Inspecting timber harvest**
- **Forest health**
- **Timber theft**
- **Better visuals**
- **Boundaries**



Spotlight Article



Forest Owners Serve as Models for Success



Elliott J. Washington, PhD, Extension Program Specialist, Agriculture and Natural Resources (AgNR) Cooperative Extension Program (CEP) at Prairie View A&M University's College of Agriculture and Human Sciences

As a forester, I have had the pleasure of collaborating with landowners for many years throughout the State of Texas and, in particular, East Texas. Through the Sustainable Forestry and African American Land Retention Program (SFLR) at Prairie View A&M University's College of Agriculture and Human Sciences, I am often invited to conduct site visits and perform forestry assessments. Although each landowner I have worked with has been warm and welcoming, my experiences with two in particular continue to resonate with me.

One is Mr. Joseph Johnson, who has a 51-acre tract of forestland in Timpson, Texas. I could instantly tell that Mr. Johnson was excited to be a part of SFLR, evidenced by his regular attendance at our virtual workshops, legal clinics, and other SFLR events. I have visited Mr. Johnson several times, giving him guidance but, perhaps more importantly, listening to his vision for the future.

He is steadily working to bring that vision to fruition. He has obtained a forest management

plan through Texas A&M Forest Service (TFS) and received funding through the Natural Resources Conservation Service (NRCS).

With this support, Mr. Johnson has had some of his timber cut and has planted both loblolly and long-leaf pine trees. He is also looking into having livestock and pollinators on his homestead.

Mr. Johnson understands the role of forest stewardship and agriculture in the African American community. He shares that understanding with his family members and people in the community, so that others can benefit too.

Another landowner that comes to mind is Ms. Jacquelyn Tatum, whose property is in Center, Texas. Ms. Tatum has 4 tracts, totaling roughly 80 acres of forestland. The majority of the timber on her property is natural regeneration from previous harvests. Yet, she shares a common thread with many African American landowners, as she has other heirs tied to the property.

To avert the concerns that might arise with heirs' property, Ms. Tatum and her family routinely get together virtually to discuss the future plans of the family property. She has worked with the attorneys that are a part of our SFLR services to set up a trust so that future generations may enjoy their family property. In addition, Ms. Tatum and members of her family often engage in property owner workshops and conferences throughout the state.



Above: Jacquelyn Tatum and her family with property located in Center, Texas

Ms. Tatum's energy and drive is why she is revered as a stalwart in her community, as she works hard advocating for African American forestland ownership.



Above: Mr. Joseph Johnson's property located in Timpson, Texas

Contact Information

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Bia Echo Foundation

Bia-Echo Foundation is a private foundation, founded by Nicole Shanahan.

Invests in changemakers at the forefront of innovation with three core areas of investment:



A Healthy and Livable Planet



Reproductive Longevity
& Equality



Criminal Justice
Reform



Claude Griffin



United States Business Council
for Sustainable Development



United States Business Council
for Sustainable Development

Claude Griffin - Executive Director

*BCarbon Stakeholder Working Group Meeting
July 13, 2023*

US BCSD

The US Business Council for Sustainable Development (US BCSD) is an action-oriented and member-led nonprofit business association, founded in 1992 to give leading US businesses a platform to mobilize boots on the ground and work together to design, implement and scale sustainability solutions. A key component of the US BCSD's mission is equity and inclusion for the most vulnerable populations.

Value Proposition

- The US BCSD opens access to an influential, collaborative, and diverse network of business-sustainability practitioners and subject matter experts around the US.
- The US BCSD provides a facilitated, neutral setting to collaborate with peer companies on joint projects that capitalize on opportunities or address a common challenge.
- The US BCSD works with members to define and design collaborative solutions to drive action on sustainability challenges - through membership meetings, and one-on-one sessions with US BCSD staff.

About the Gulf Coast Carbon Collaborative

- The goal of the Gulf Coast Carbon Collaborative (GC3) is to develop multi-industry decarbonization projects in the Gulf Coast region. The US Business Council for Sustainable Development, which is leading the effort, has 25+ years of experience facilitating cross-industry sustainability initiatives, using a methodology that has proven successful in translating business goals into actionable projects.
- The Gulf Coast Carbon Collaborative's activities help demonstrate the value, commitment and investment of companies in decarbonizing the Gulf region. On-the-ground project results can underpin policy initiatives, connect with research projects led by top academic institutions, and offer a market for new technologies. Working together, participating companies and organizations will be well positioned to accelerate the development of carbon reduction projects in the region.

Working Groups

- Carbon Capture and Storage - Companies are interested in aggregating carbon from many facilities and connecting to offshore sequestration hubs in Texas and Louisiana
- Hydrogen - Member companies are defining hydrogen use, production, storage, transportation and market development opportunities and obstacles.
- Energy Transition - Member targets and strategies are being analyzed for alignment and potential collaboration while best practices are being shared on project valuation and financing. Nuclear generation, advanced solar and wind technologies are being explored by member companies for collective pilot projects.
- Nature-based Sequestration - Member goals and resources are being matched with established solution providers and technical expertise in pursuit of demonstration projects.
- Visit ***carbon-collaborative.org*** for more information.

Equity Program Overview

- The US BCSD is teaming with national organizations to engage minority-serving colleges and universities in decarbonization activities.
- We seek to broaden understanding of climate imperatives and opportunities being pursued by business and industry, opening the door to research, entrepreneurship and leadership.

Bia Echo Foundation Grant - US BCSD Role

- Lead outreach and advocacy of the project and its mission to interested corporate and institutional buyers
- Leverage its network of corporate and organizational constituents to gauge interest in purchasing credits generated by the project
- Engage participation from a broader representation of MSIs in the Carbon Collaborative in the Gulf Coast Region and outside the region
- Provide additional legal expertise in development of the coop structure



Thank You

Preliminary project concept



PVAMU works with BCarbon to assemble a “cooperative” structure of interested landowner-producers



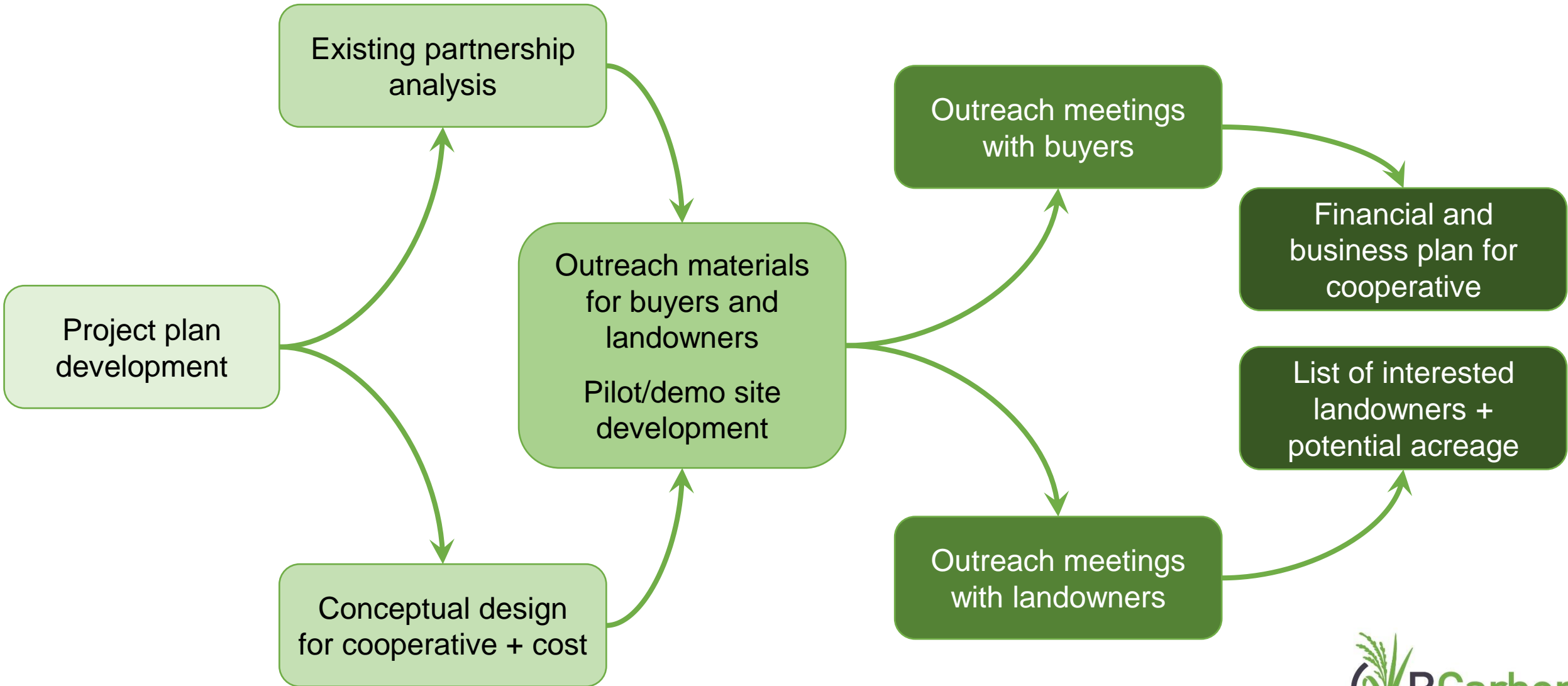
Landowner group generates carbon credits based on BCarbon forest protocol, tailored to the interests of buyers

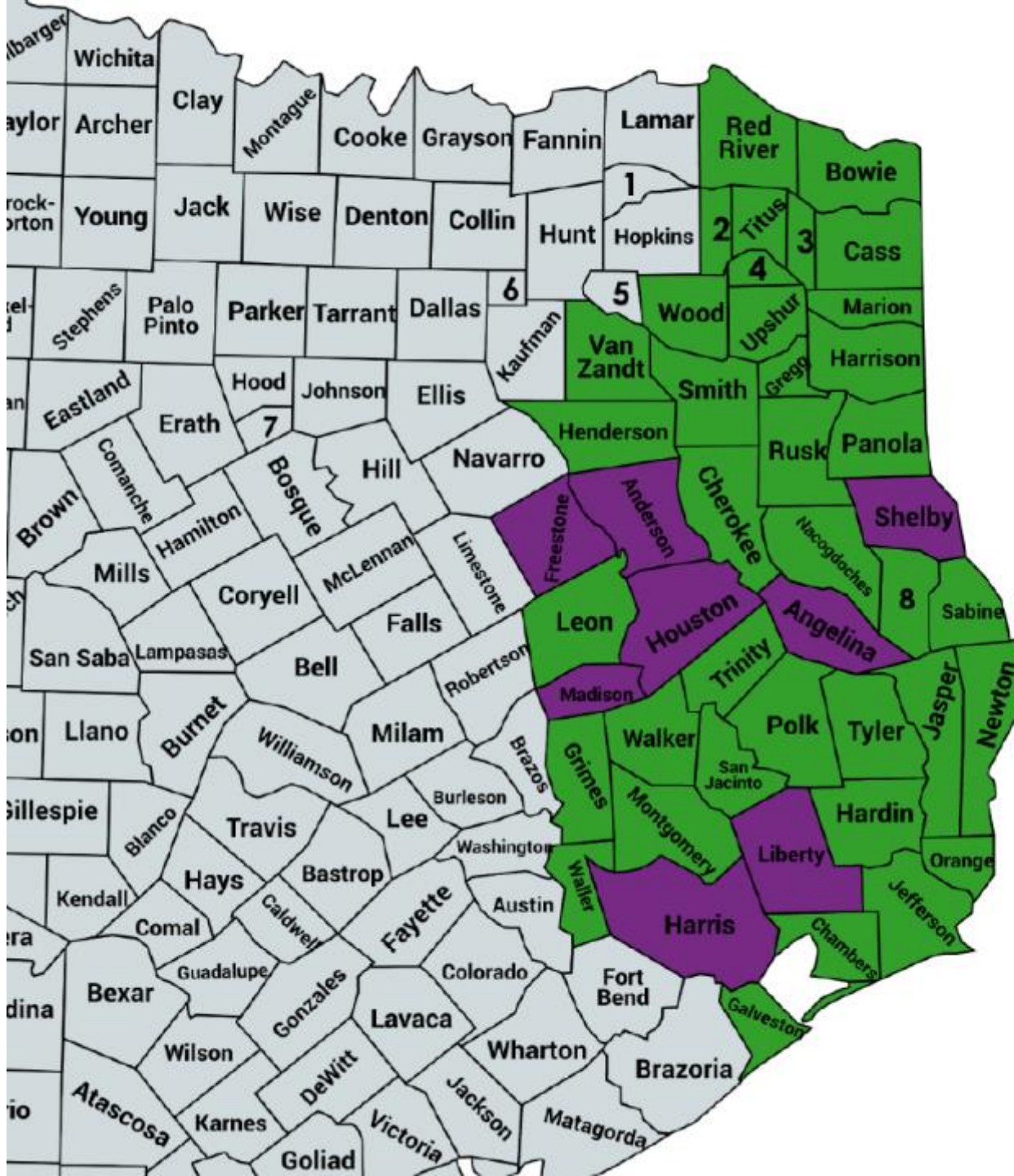


Buyers provide feedback on their interests + needs to help shape the cooperative



Proposed flow and deliverables





Counties that the PVAMU Extension Service works in

SFLR PROGRAM



SFLR Start Up Counties (2021)



SFLR Counties (2022)



Methane updates and next steps


Methane protocol has been officially adopted

- **June 8th** - Stakeholder Meeting asked for consensus
 - Took additional comments and questions back for internal review
- **June 16th** – deadline for last-call comments
- **June 20th** - Methane Protocol Passes

Next steps for implementation

- Methane Subcommittee Meeting - Thursday July 27, 10 AM CT (Zoom)
- Application form, checklist, and materials list in development

DRAFT



Methane Capture and Reclamation Application

High-level process flow summary

1. Informal pre-consult meeting
2. Contracting discussion, contract execution
3. Submission of [Provisional Project Plan] including:
 - a. [Cover Page with Project Developer Details](#)
 - b. [Cover Letter / Executive Summary introducing the Project](#)
 - c. [Project Summary table: Cover table with details on all wells included in the Project:](#)
 - [API](#)
 - [Name](#)
 - [Location Description and Coordinates](#)
 - [Pre-Plugging Test Date](#)
 - [Pre-Plugging Test Results \(ppb figure\)](#)
 - d. [Well details summary: Overview for each well in the Project \(general narrative\):](#)
 - [State](#)
 - [Local Regulator](#)



Dan Arthur



*ALL*CONSULTING

