

AgroCCS Project Overview

Project Proponent: AgroCCS B.V.

Date: 10/01/2025

Contact Information:

Alexey Titenkov

AgroCCS CEO

Tel.: +31 649 81 36 79

Email: alex@agroccs.com

AgroCCS is a Netherlands-based company pioneering Biochar Carbon Removal (BCR) and Enhanced Weathering (EW) solutions. By converting agricultural waste into biochar through advanced pyrolysis, we provide a scalable, natural-based method for carbon capture and storage. AgroCCS not only reduces atmospheric CO₂ but also delivers substantial co-benefits, including soil rehabilitation, improved crop yields, and reduced dependence on chemical fertilizers—key to fostering climate resilience in agricultural communities.

Legal Structure and Partnerships

AgroCCS operates as a limited liability company in the Netherlands, with plans to establish local entities for each project location. Our model includes profit-sharing with regional partners, ensuring local ownership and engagement. This structure incentivizes performance, fosters long-term partnerships, and aligns with our mission of empowering rural communities. Actually we offer 50/50 profit sharing with local teams, planning to increase AgroCCS share for future locations.

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Global Reach and Local Impact

Our operations are divided into two core strategies:

1. **Developing Countries:** We integrate carbon removal with community development, delivering multiple benefits such as soil restoration, enhanced food security, and climate adaptation. This approach attracts climate financing and impact investors.
2. **Developed Markets:** In Europe and the US, we target high-value carbon insetting opportunities, focusing on Scope 1 GHG reductions for agriculture and industry.

Key Projects and Expansion Plans

Pilot Project in Varanasi, India

Supported and deeply coordinated by the Uttar Pradesh government and Banaras Hindu University (BHU), this project processes 54,000 tons of rice husk annually to produce almost 14,000 tons of biochar. It involves over 3,000 farmers and directly contributes to regional food security and sustainability. Investment required: €3.1 million. Project is already accepted by Accend trading platform and is on Puro.earth certification stage expected to be finalized in February 2025. Detailed project financials may be found in the attached Project Development Document (PDD).

On a 10-years run, the project's financial model forecasts an annual operating expenditure of approximately 3,800,000 EUR in average, with a projected average annual revenue of 5,414,000 EUR from carbon credits and by-products sales. Average price of Carbon Credits assumption is 201 EUR per one metric ton of CO₂ equivalent. The expected return on investment (ROI) is positive, with a payback period estimated at 26

months and DPP 31 months. Project 10-year NPV is 5,882,000 EUR while Internal rate of return (IRR) is 61% with initial investment of 3,100,000 EUR and discounting rate 10.034%.

Success of this pilot focused on rice producing sector will pave the way to immediate project scale-up and replication in the biggest agricultural region of India with perspectives to spread widely in Asia region.

Upcoming Projects

We are actively developing projects in Kazakhstan, Uzbekistan, Kenya, Uganda, Rwanda, Burundi and Guinea. These initiatives leverage local agricultural residues and government partnerships to generate carbon credits and improve soil health using standardized equipment, centralized quality control and in-house MRV system. Combined, they aim for 1 million tons of CO₂ removal annually within five years.

Our projects pipeline:

	Country	Location	Feedstock	Deploy	CO2 tons	
1	India	Varanasi	Rice husk	Jul 25	21 000	Ready for investment
2	Kenya	Butali	Bagasse	Oct 25	18 000	
3	India	Chandauli	Rice husk	Q1 2026	21 000	
4	India	Jhansi	Peanut	Q1 2026	14 000	
5	Kenya	Kabras	Bagasse	Q1 2026	18 000	
6	Uganda	Uganda	Bagasse	Q3 2026	18 000	
7	Rwanda	Rwanda	Bagasse	Q3 2026	18 000	
8	Burundi	Burundi	Bagasse	Q2 2026	18 000	
9	Guinea	Coyah	Rice husk	Q1 2026	21 000	
10	Kazakhstan	Kyzylorda	Rice husk	Q2 2026	21 000	
11	Uzbekistan	Tashkent	Cotton	Q2 2026	14 000	

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Unique Selling Proposition

AgroCCS offers a robust, scalable carbon removal solution tailored to both voluntary and compliance carbon markets. Our approach aligns seamlessly with the Paris Agreement's Article 6 mechanisms, enabling host countries to meet their NDC targets while offering investors a secure, high-impact opportunity. Supported by our proprietary MRV (Measurement, Reporting, and Verification) system, we ensure transparency and accountability, making our projects highly attractive to both governments and private investors.

Monetization Strategies

AgroCCS employs a diversified revenue model, including:

1. **Voluntary Carbon Credits:** Certification with Puro.earth allows us to generate and trade high-quality carbon credits, providing a reliable revenue stream.
2. **Paris Agreement Article 6 Compliance:** State-level partnerships open opportunities for Emission Reductions (ERs), aligning with international climate goals.
3. **Biochar and By-Products Sales:** While biochar is provided free to smallholder farmers in developing countries, we commercialize it in developed markets. Additional by-products, including vegetal vinegar and tar, offer supplementary income.
4. **Alternative Energy Supply:** Excess energy from pyrolysis is sold to industrial users, enhancing project profitability.

5. **Licensing and Franchising:** Our standardized BCR solutions, coupled with a robust MRV system, allow franchisees to replicate AgroCCS's success globally.

Why AgroCCS?

AgroCCS is uniquely positioned at the nexus of climate technology and sustainable agriculture. Our partnerships with local governments and communities ensure widespread adoption and measurable impact. We are supported by accelerators such as WorldStartup and Frank & the Backs, and our MRV system is designed for seamless integration with global carbon markets.

Call for Investment

We are seeking funding for:

1. **Varanasi Project** (€3.1 million) to scale operations and achieve immediate CO₂ removal. Detailed project description is attached. Project pitch deck: <https://drive.google.com/file/d/1JpYsNa5XRst28yFQxfvVQ5khQ4b7ibwL/view>
2. **Kakamega Project** (€3.1 million) similar to Varanasi focusing on another type of the feedstock. Project presentation is attached. Project pitch deck: https://drive.google.com/file/d/1culxPu_migrA15yzeGPyaBeSFn1sWP8M/view

These investments will enable AgroCCS to expand its innovative solutions globally, driving both environmental and social returns. Join us in revolutionizing carbon capture and sustainable agriculture, creating a scalable impact model that benefits communities and investors alike.