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STRATEGIC INVESTMENT PRESENTATION

REGENERATIVE FORESTS OF THE **COLOMBIAN ORINOQUÍA REGION**

Generating carbon credits from a sustainable forest plantation and the production of biochar for soil regeneration and improvement.

Puerto Carreño, Vichada - ***Colombia***

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The Business

▸ What is the business?

Plantation of 12,000 hectares of pioneer forest species which will be 100% replaced by a mix of native species in degraded private land in the *Orinoquía* region generating multiple revenue cash streams: carbon, timber and biochar.

▸ What will be financed?

Investment finances: **(A)** forest plantation, including firebreak corridors and nurseries; **(B)** biochar production plants; **(C)** timber harvesting and sawmill infrastructure; **(D)** carbon credit certification, monitoring, and verification.

▸ Revenues and carbon credits generation

~3M carbon credits and USD 7.5M in projected annual revenues. Carbon credits stream will start in Year 1. Full payback by Year 5 and an **IRR of 46%.**

BUSINESS CASE: FUNDING IS PROVIDED FOR:

A Forest plantation

The project has been structured in modules of 2,000 ha to 12,000 ha of pioneer species replace native species. The pioneer species are *Esucalyptus pellita* and *Eucalyptus urophyla* and native species are: Calophyllum brasiliense, Carapa guianensis, Hymenaea courbaril, Jacaranda copaia andTerminalia Amazonia. Investment covers establishment and maintenance.

B Biochar production

Includes modular plants located near the production areas and feedstock will be timber residues from timber following the guidelines of the International Biochar Initiative.

C Timber harvesting and sawmill

Investment will be use for commissioning the industrial harvesting facility to produce planks, posts and rafters for construction. Harvesting will start in year 5.

D Carbon credits and methodologies

Carbon credits will result from the ARR project (Verra VM0047), from Biochar production (Puro Earth) and from the conservation of nearby riparian forests (Biocarbon-REDD+ (Verra VM0048).

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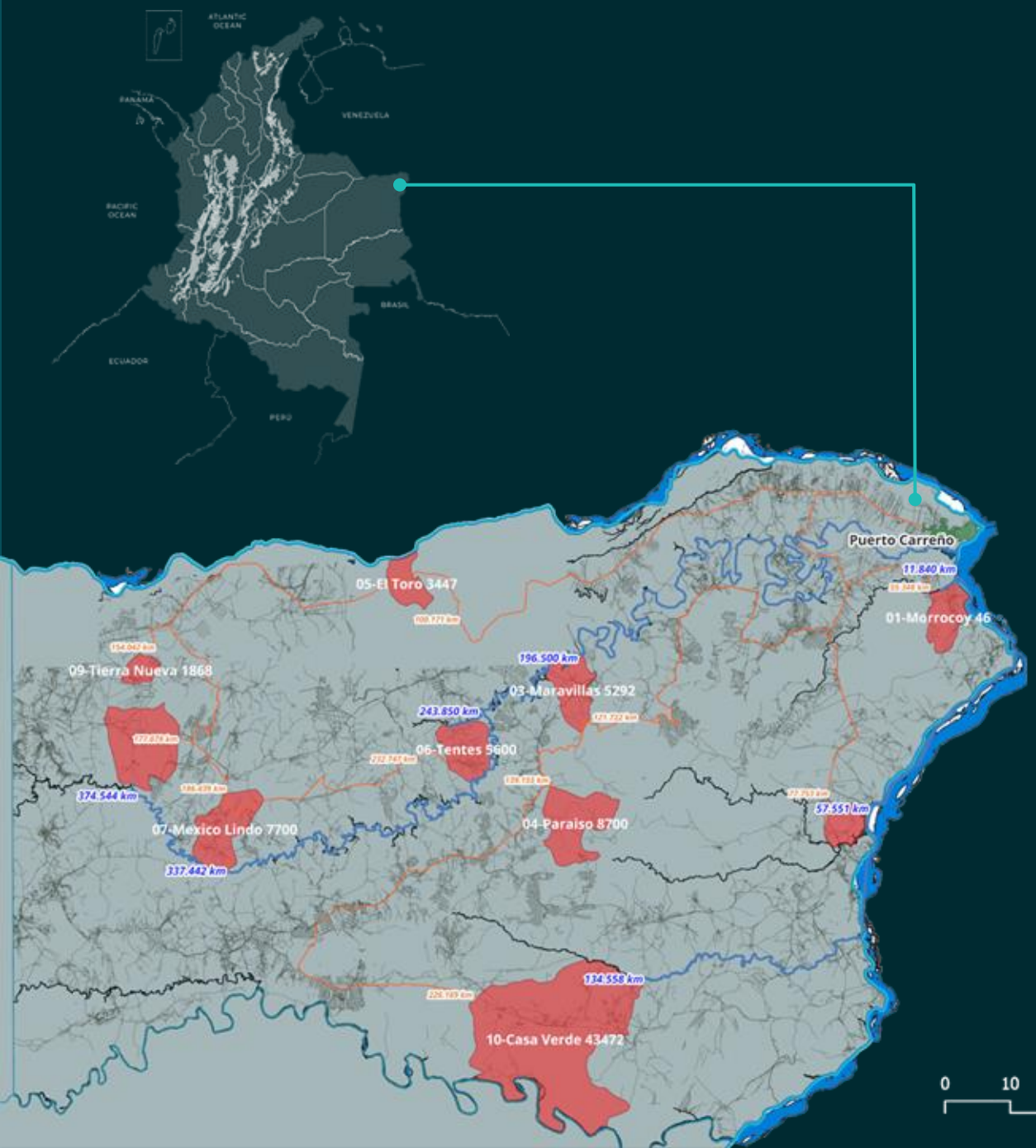
Project Location

All modules will be developed in a cluster of selected private lands within the municipality of Puerto Carreño, province of Vichada, *enabling shared infrastructure, logistics, and oversight across the full portfolio.*

* The lands will be secured through long-term lease contracts, legally bind by trusts, agreements administered by triple A financial institutions.



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Cluster of Potential Private Lands

The project potential lands are easily accessible by road and river from Puerto Carreño, Vichada.

Also from Bogota. Puerto Carreño has an airport that allows for commercial air transport.

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Location and Access

Municipality of Puerto Carreño

Vichada, Colombia.

The project is situated on a site equidistant from the various production centres, designed to function as a port to facilitate the movement of inputs and products.

It can be reached by road from *Bogotá* during the dry season (15 hours), and by river during the rainy season from *Villavicencio* (a town located 3 hours from Bogotá).

The journey from the town centre of *Puerto Carreño* takes approximately four hours to reach the furthest settlement, with an average journey time of two and a half hours (by road).

To reach *Puerto Carreño,* there are flights on jets and turboprops, taking approximately 1 hour from Bogotá.

Afforestation, Reforestation and Revegetation (ARR)

Forest establishment and management

80% *Eucalyptus pellita*

20% *Eucalyptus urophylla*

100% replaced with NATIVE SPECIES

Forest certification (FSC or equivalent)

Minimal maintenance, involving general monitoring and the application of foliar fertiliser as required

Soil quality enhancement

Firebreaks and fire prevention

The use of **jiffies, biochar and mycorrhizae** to improve moisture retention and nutrient uptake

Development of a nursery **registered ICA** with sufficient capacity to support annual planting, allowing for a **10% replacement rate** due to mortality

Afforestation, Reforestation and Revegetation (ARR)

1. Seed
2. Jiffy
3. Nursery
4. Sowing
5. Maintenance
6. Forest development

Afforestation, Reforestation and Revegetation (ARR)

Replacement, Transition and Forest Management

Full replacement of all pioneer trees with native species

NEW ADDITIONS:

- Mobile sawmills and low-impact equipment
- Processing of timber into planks and posts
- Conversion of waste into biochar

Pioneer Eucalyptus → **Phased replacement** → **Productive native forest**

From year 5 to year 15, eucalyptus trees are progressively harvested and **replaced 1:1 with native species, leaving a fully established native forest at project's end:**

- *Calophyllum brasiliense:* **20%**
- *Carapa guianensis:* **10%**
- *Hymenaea courbaril:* **10%**
- *Jacaranda copaia:* **50%**
- *Terminalia amazonia:* **10%**

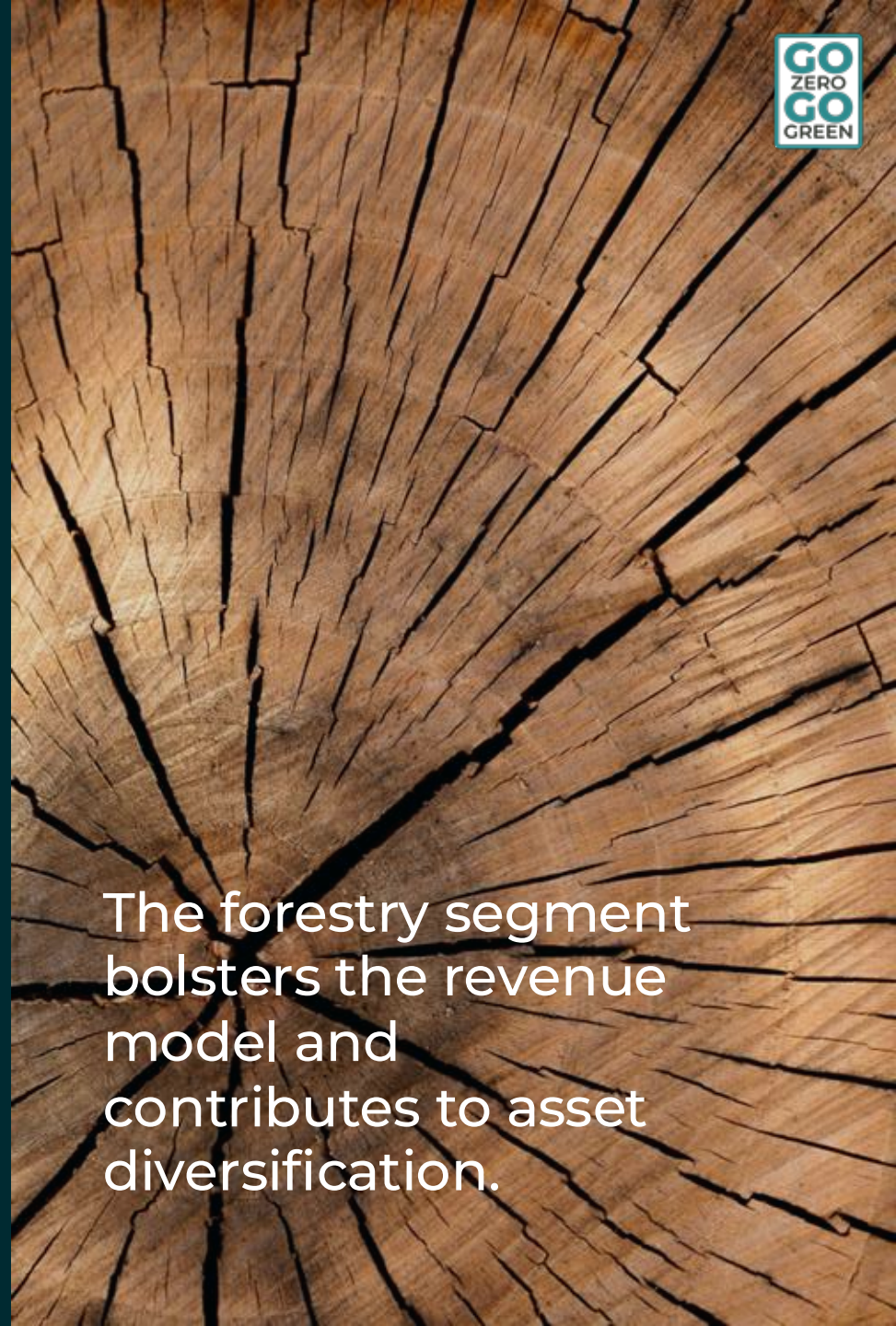
Afforestation, Reforestation and Revegetation (ARR)

Timber Production

The forestry component includes the harvesting and processing of timber

MAIN PRODUCT LINES:

- Planks
- Timber
- Poles
- Progressive cross-cutting
- Basic sawmill and storage infrastructure
- Drying yards
- Machinery parking areas



The forestry segment bolsters the revenue model and contributes to asset diversification.

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Pilot Plantation

- A pilot plantation of 360 ha was established in 2024, using the project technology (ie, jiffies with amendments containing BIOCHAR, mycorrhizae, and other bio-stimulants)

- No use of dolomitic limestone, as soil pH is corrected with BIOCHAR

- Good growth rate and plantation health

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Biochar

Biochar is one of the key features of the model. 1 ton of biochar permanently stores approximately 3 tCO_2 equivalent. Pyrolysis locks carbon into stable solid form that persists 100+ years. Its role within the project includes:

- Stable carbon sequestration
- Soil improvement
- Moisture retention
- pH stabilization
- Improved nutrient uptake
- Reduced reliance on conventional fertilization

The project involves modular plants with a capacity of 2 tons biochar per day (equivalent to ~7 tCO_2/day), located close to operational hubs and modelled on the GZGG pilot plant already in operation in Puerto Carreño.

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Biochar Pilot

A pilot biochar plant in Puerto Carreño. The surrounding *Acacia mangium* plantations have lost their commercial forestry value due to pest infestation and are currently destined for energy generation at a local biomass plant. During the first five years of the project, as trees are removed and cleared, the harvested biomass generates residues that would otherwise go to waste.

Go Zero Go Green converts this biomass into biochar, generating carbon credits from an existing local resource.

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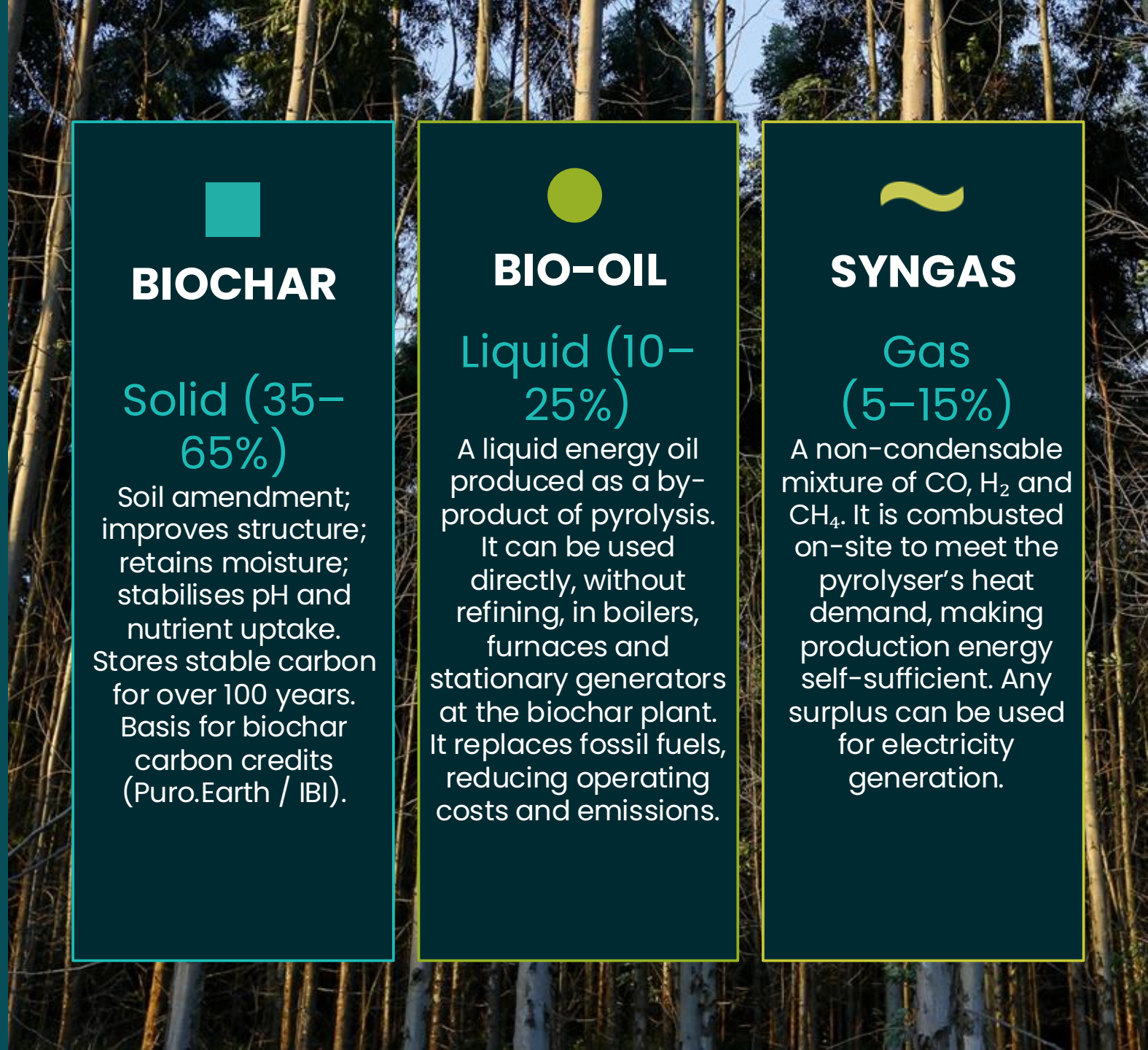
By-products of Biochar

Biomass pyrolysis produces three complementary by-products that the biochar plant uses to meet its own energy needs and generate additional value.

Biochar plants following IBI guidelines



BIOCHAR

Solid (35–65%)

Soil amendment; improves structure; retains moisture; stabilises pH and nutrient uptake. Stores stable carbon for over 100 years. Basis for biochar carbon credits (Puro.Earth / IBI).

BIO-OIL

Liquid (10–25%)

A liquid energy oil produced as a by-product of pyrolysis. It can be used directly, without refining, in boilers, furnaces and stationary generators at the biochar plant. It replaces fossil fuels, reducing operating costs and emissions.

SYNGAS

Gas (5–15%)

A non-condensable mixture of CO, H_2 and CH_4. It is combusted on-site to meet the pyrolyser's heat demand, making production energy self-sufficient. Any surplus can be used for electricity generation.

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Biochar Production Following International Biochar Initiative (IBI) Guidelines

Circular economy of the project

- Syngas and bio-oil provide the plant's thermal energy, enabling energy self-sufficiency.
- Biochar is applied to plantations to improve moisture retention and nutrient uptake.
- Forest residues converted into raw materials for the process.
- Every by-product generates value: certified carbon, operational energy and timber.

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REDD+ and Biodiversity

The REDD+ component is being implemented in riparian forests associated with the project sites. Its approach combines:

- Conservation of strategic ecosystems
- Creation of financial incentives for landowners
- Development of ecological corridors
- Carbon sequestration and enhancement of biodiversity
- Allocation of 60% of REDD+ benefits to landowners, incentivizing the conservation of riparian forests

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Carbon Credits

The project estimates total production of around 3.2 million carbon credits.

The credits come from:

- Afforestation, Reforestation and Revegetation (ARR)
- Conservation of riparian forests (REDD+)
- Biochar carbon credits (PURO)

Methodologies considered:

VM0047
by Verra for ARR

VM0048
by Verra for REDD+

Puro.Earth e IBI
for biochar

This combination makes it possible to offer a diverse range of products and services within a single platform.

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Carbon volumes

ARR | REDD+ | Biochar

	Reference volumes:	Annual reference averages:
ARR	3,009,747 certificates	75,244
REDD+	136,574 certificates	3,414
Biochar	87,072 certificates	2,177

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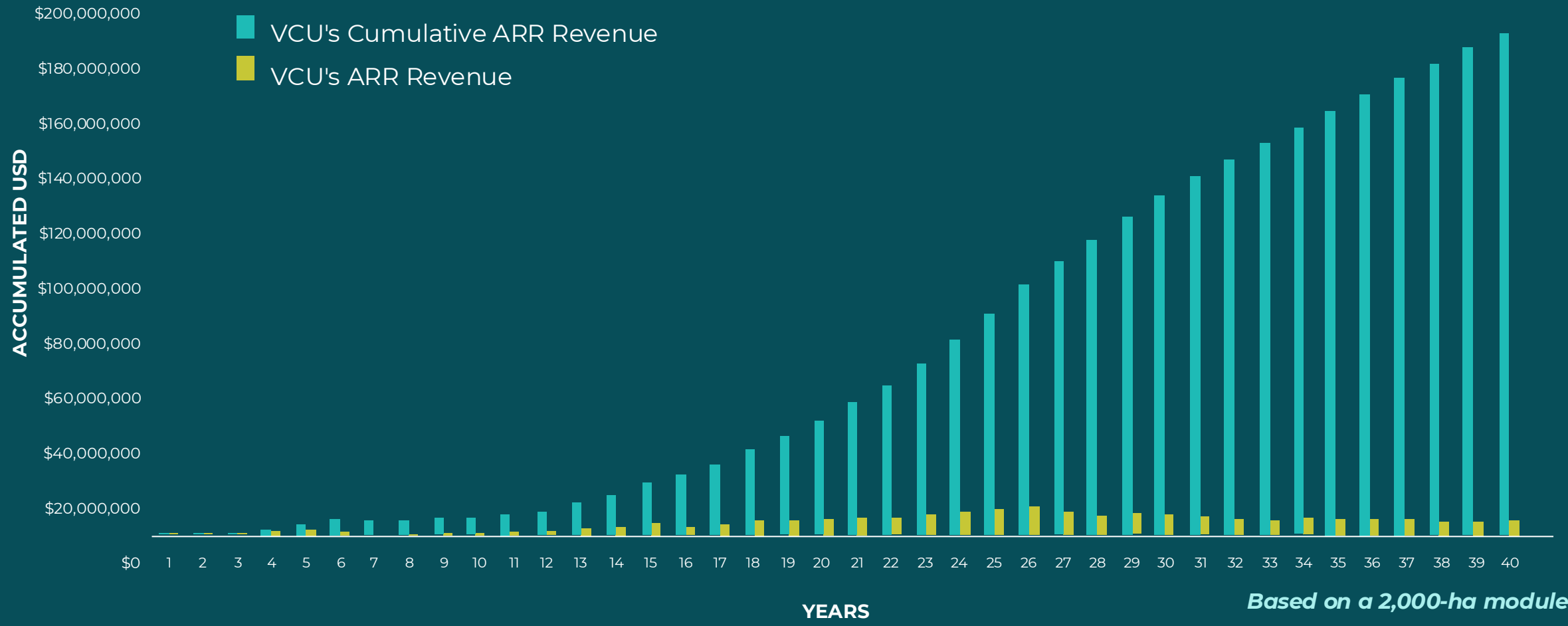
ARR Carbon Credits

$30	2,950,732	$181.7M	$4.54M/yr
Starting price (3% annual escalation) *Price / tCO2*	tCO2 over 40 years *Total Credits*	Over 40-year project life *Total Revenue*	Average annual ARR revenue *Annual Average*



Based on a 2,000-ha module

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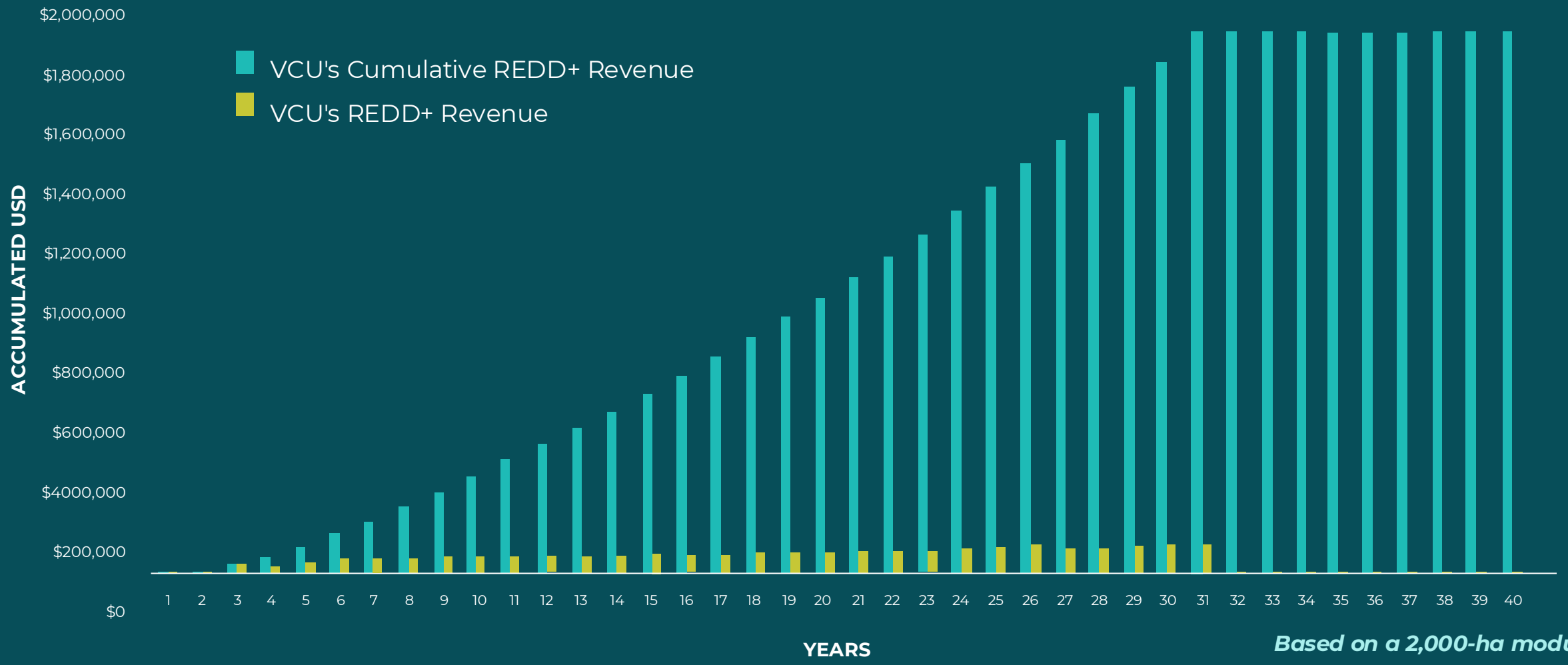
REDD+ Carbon Credits

$8
Per tCO2 (REDD+)
Price / tCO2

134,465
tCO2 over 40 years
Total Credits

$1.8M
100% allocated to landowners
Total Revenue



Based on a 2,000-ha module.

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Biochar Carbon Credits

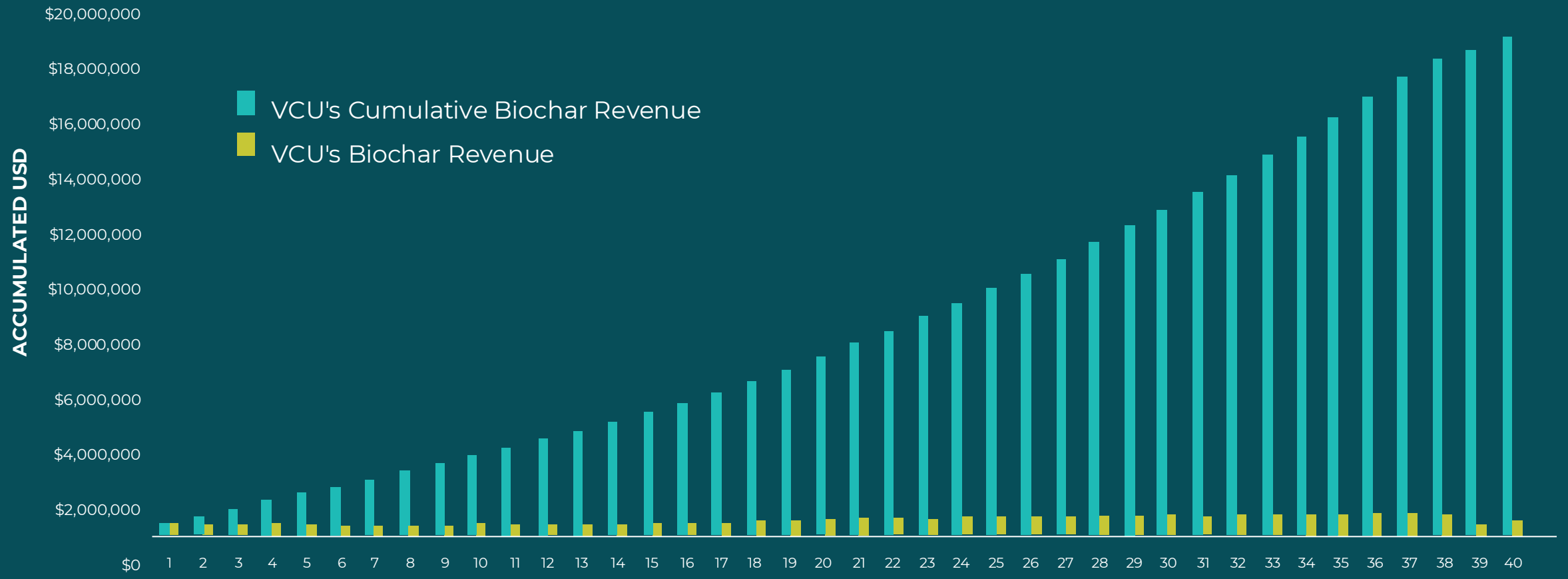
$130
Per biochar credit (Puro.earth)
Price / tCO2

85,561
tCO2 over 40 years
Total Credits

$17.5M
CO2 credits over project life
Total Revenue

$250/tonne
Agricultural biochar sales
Biochar Price

1 tonne of biochar permanently stores approximately 3 tCO2 equivalent — pyrolysis locks carbon into a stable solid form that persists for 100+ years. Certified under Puro.earth methodology. Annual average: 2,139 tCO2/year.



Based on a 2,000-ha module.

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Timber and Biochar Production

Estimated timber production:

Years	Total	Annual average
1 - 10	268,717 m³	26,872 m³
11 - 20	81,760 m³	8,176 m³
21 - 30	80,487 m³	8,049 m³
31- 40	150,338 m³	15,034 m³

Estimated cost of timber:

USD 61.1 per m³

Estimated biochar production:

Years	Total	Annual average
1 - 10	7,335 ton	734 ton
11 - 20	7,002 ton	700 ton
21 - 30	7,783 ton	778 ton
31- 40	6,401 ton	640 ton

Estimated cost of biochar:

USD 41.6 per ton

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Land Allocation and Project Zoning

The 12,000 hectares plantations represent about 60% of total project site lands

All other land areas will be used for biochar and timber production plants, storage, and other utility areas.

Also for logistics infrastructure and firebreaks.

12,000
hectares

Riparian forests for the
REDD+
component

Drying yards
on operation lanes

Firebreak
Corridors every 100 meters for fire mitigation

Operational
infrastructure

Industrial zones
processing biochar

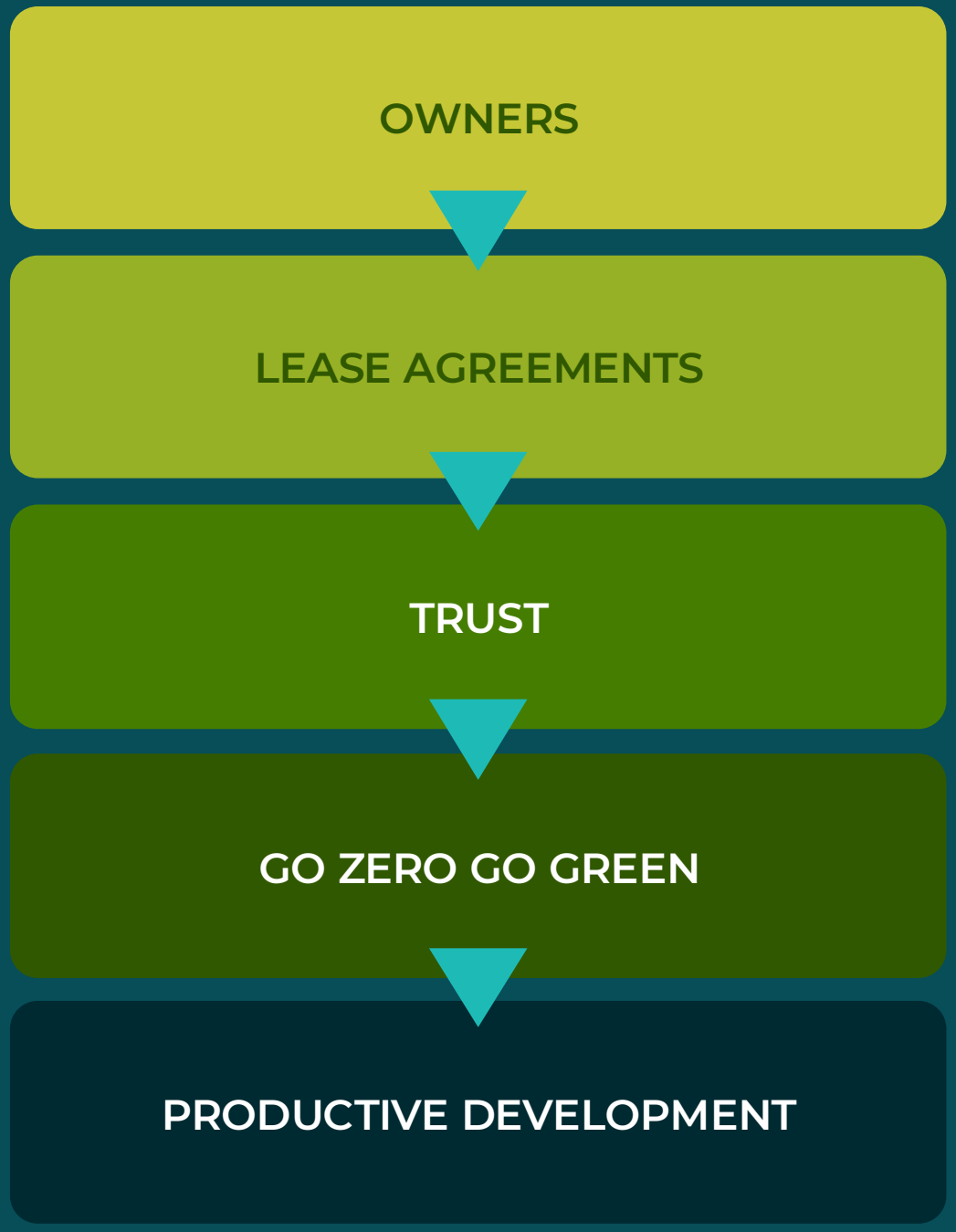
Legal and Tenure Structure

The project is structured around long-term leases backed by special purpose vehicles.

The structure comprises:

- Owners of private land
- Long-term lease agreements
- Trust contracts (*Patrimonios Autónomos*)
- Go Zero Go Green as operator
- Productive development of the asset

Trust agreements, established per property, legally ring-fence the land for the duration of the agreement, protecting investors, ensuring continuity, and enabling scalable growth.



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Regeneration and Impact

Environmental impact:

- Restoration of degraded soils
- Regeneration of vegetation cover
- Development of biodiversity corridors
- Protection of riparian forests
- Assisted natural reforestation
- Enhancement of pollinators
- Improvement in water balance
- Reduction of emissions by preventing the burning or decomposition of biomass
- CO_2 capture and storage through reforestation and biochar
- Reduction of emissions by preventing deforestation and degradation

Social impact:

- Creation of local jobs in reforestation, the bioeconomy and biochar production
- Gender inclusion policy
- Regional productive development
- Involvement of local stakeholders
- Opportunities in logistics, manufacturing and agribusiness
- Production of food for workers on at least 5% of the planted areas

The territorial dimension enhances the project's operational sustainability.

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Project Implementation

The implementation is taking place in stages:

Legal and administrative stage

Establishment of trusts, contracts, feasibility studies and operational structuring.

Soil preparation and nurseries

Plot design, soil amendments, nurseries and seedling development.

Forestry establishment

Planting 2,000 hectares per year for six years.

Thinning and transition to native species

Gradual implementation and a 1:1 replacement.

Biochar production

Gradual plant development and biomass utilisation.

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Costs and Timeline of the Project

1 Cost to produce 1 tCO_2

ARR / Forest plantation	USD 30 / tCO_2
REDD+	USD 8 / tCO_2
Biochar	USD 130 / tCO_2

Annual OPEX: USD 325 / ha · Unit CAPEX: USD 1,233 / ha · Biochar: USD 44.2 / ton produced

2 Timeline

Year 1

First Biochar credits

Pilot plant operational → USD 276K first year

Year 3

First Forest ARR and REDD+ credits

First forest verification → USD 439K in credits

Full investment recovery: Year 5

Financial indicators

IRR
46%

CAPEX

USD $6.8 million

OPEX

USD $8 million

NPV
USD $ 18 millions

ANNUAL REVENUES (NPV)
USD 50.7 MILLIONS

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Initial Investment

The project requires an initial investment of US$2.9 million over 3 years.

THIS INVESTMENT FUNDING:

- Legal and administrative structuring
- Site preparation and nursery development
- Forest establishment
- Infrastructure and machinery
- Development of the biochar component

Most of the capital is deployed in the early years to establish the plantation, build infrastructure, and install biochar equipment

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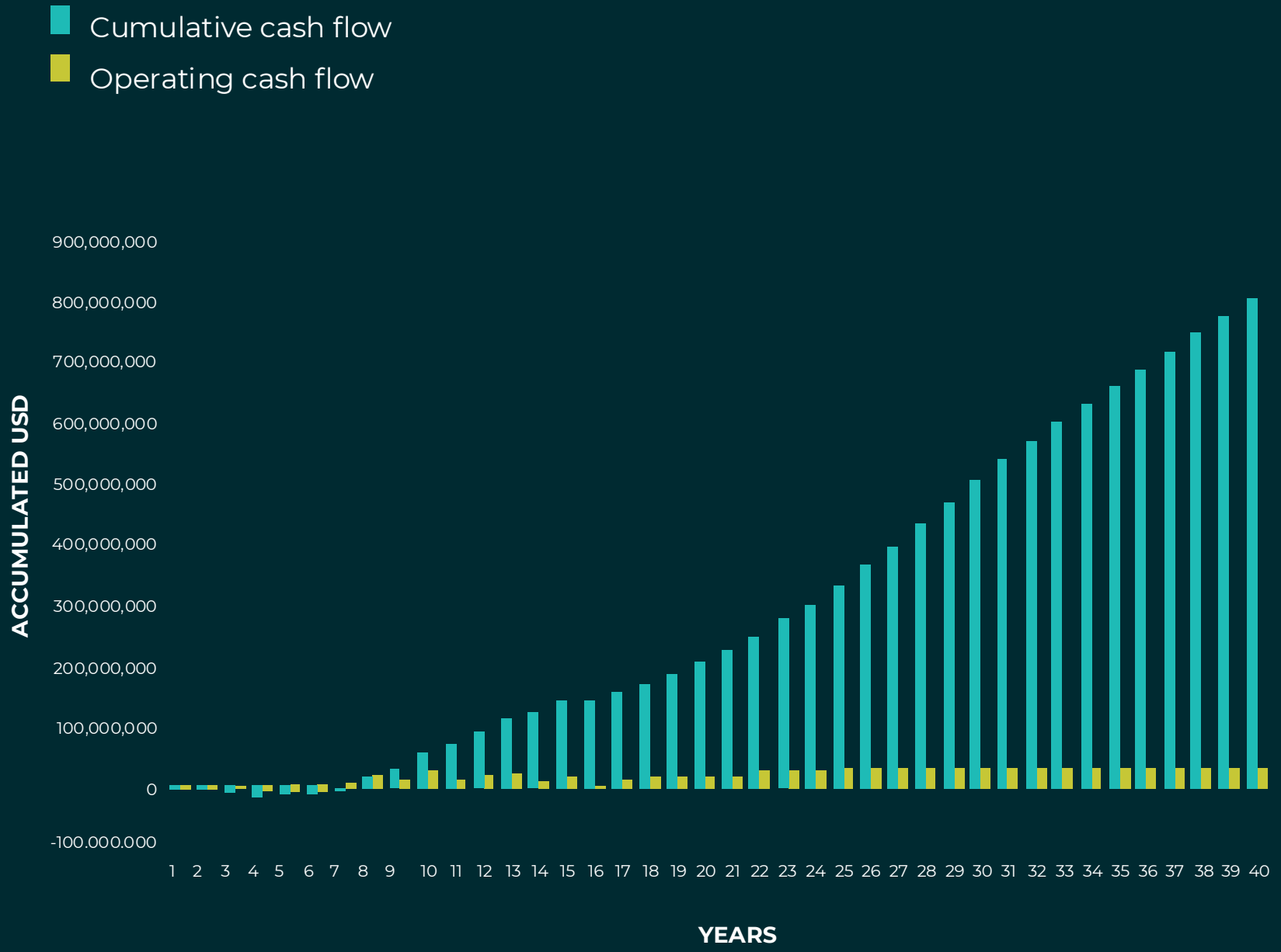
Project Cash Flow

Revenue projections from carbon credits, biochar and forestry operations.



Based on a 2,000-ha module.

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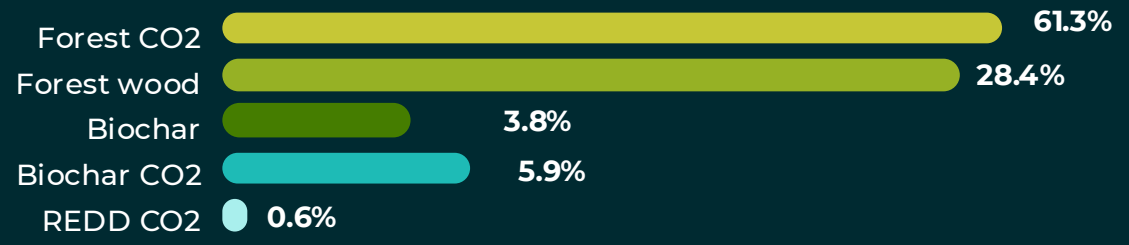
Revenue Streams

The main revenue streams (without interest discounts) are:

- Forest CO2: **US$181,713,403**
- Timber: **US$84,246,743**
- Biochar CO2: **US$17,479,484**
- Biochar: **US$11,204,797**
- REDD+ CO2: **US$1,801,933**

These five items form the financial framework of the project. In relative terms, the approximate breakdown of the projected total revenue is as follows:



Diversifying revenue streams reduces reliance on a single market factor and strengthens the project's financial resilience.

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Investment Options

The project comprises two main strands:

Returns in cash, carbon credits, or a combination depending on investor motivation

Participate in ARR, Biochar, or a combination of both

Available credits: ARR (VM0047) and Biochar (Puro.earth).

Commercial flexibility is a core strength of the model — participation can be tailored to each investor's profile and motivation.

Credit buyers **seeking forward ARR or Biochar credit volumes**

Financial investors **seeking cash returns from forestry and biochar revenues**

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What is Go Zero Go Green?

Go Zero Go Green is a company created by an alliance of companies recognized experience and presence in the area (**CARBO Sostenible, Reforestadora El Toro, Terra Commodities**).

Each partner brings a distinct area of expertise: **CARBO** leads the financial and technical structuring of the project and manages carbon credit development; **Reforestadora El Toro** oversees forest development and the operation of the biochar plant; and **Terra Commodities** handles the commercialization of the project's various products.

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GZGG

Go Zero Go Green is built on four principles that strengthen each other.

The Project does not rely on a single line of business. Its value is built on the convergence of carbon, timber, biochar and the recovery of value from the assets involved.

1. **Actual territorial scale**

2. **Long-term legal and operational framework**

3. **Diversification of income within a single asset**

4. **Integrating environmental regeneration and economic productivity**

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GZGG Founding Companies

REFORESTADORA EL TORO

Field forestry operations, soil preparation, planting, maintenance and silvicultural management.

Brings experience in plantations, rural logistics and the direct implementation of the forestry component.

carbo
sostenibilidad • carbono

Technical and financial structuring of the project, design of the carbon model, selection of methodologies, certification and monitoring.

Leads the ARR, REDD+ and biochar strands from a technical perspective.

TERRA Commodities

Commercial strategy, prepayment agreements and the international trading of carbon credits.

It provides access to the market and establishes relationships with buyers and investors.

The collaboration between these three parties brings together operational, technical and commercial capabilities within a single platform.

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Operational Capacity

The project's operational capacity is underpinned by the forestry partner's experience and existing infrastructure.

More than 12,000 ha
of commercial crops currently under cultivation in Urabá, Córdoba, Bajo Cauca, Meta and Vichada

Partner nurseries with a capacity of 1,000,000 seedlings per six-month period and potential for expansion

Planting capacity per nucleus or cluster, with a maximum of 3 clusters of 2,000 hectares each

State-of-the-art equipment:
tractors, chisels, harrows, post-hole diggers, transport and supervision

3,000 ha
of native trees planted

SERVIFOREST

A joint operation coordinated by Serviforests

This reduces the risk of implementation and strengthens the project's operational credibility.

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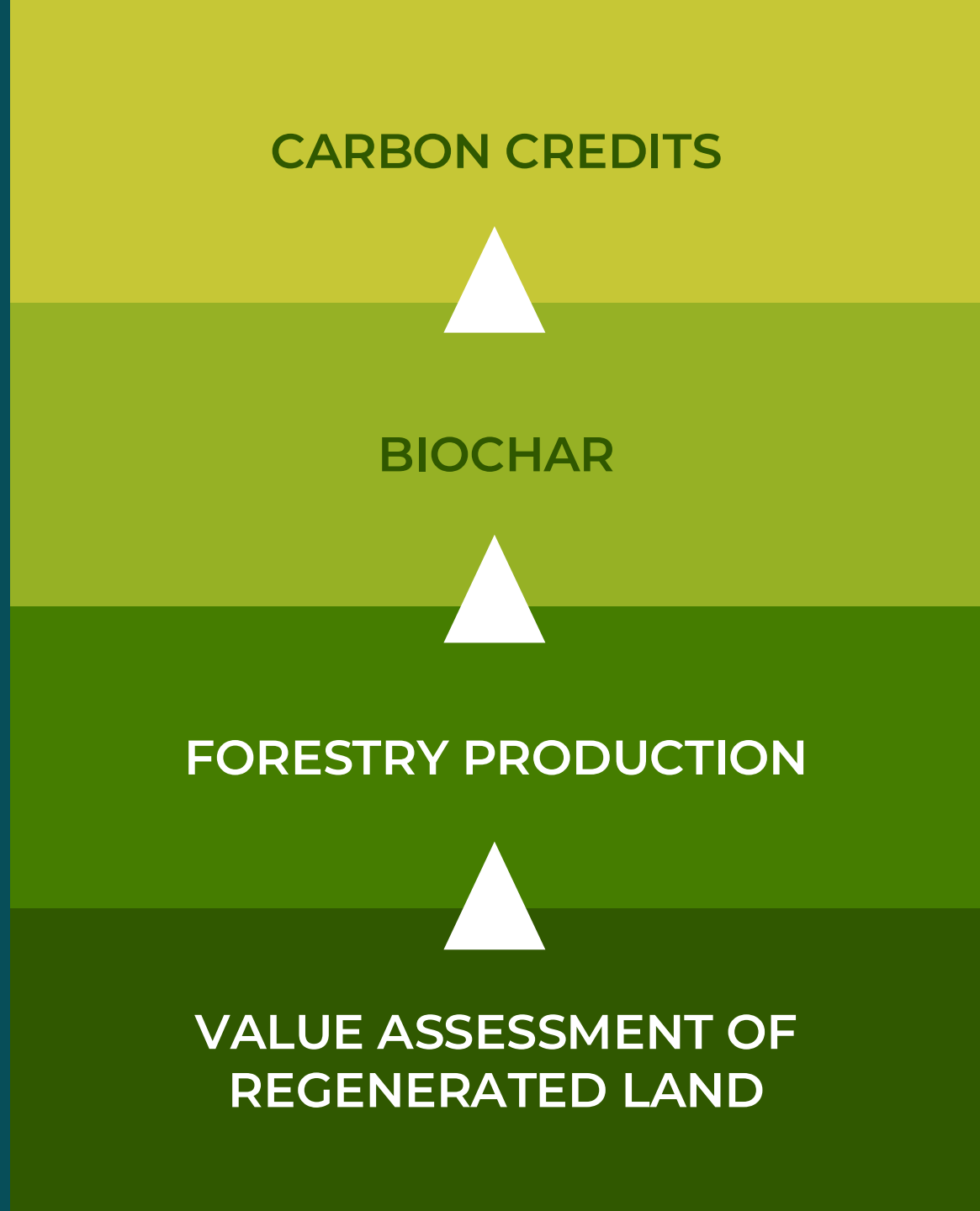
The Comprehensive Model

Go Zero Go Green is conceived as a productive natural asset offering multiple benefits:

- Generation and trading of carbon credits
- Forestry production and derivatives
- Development of biochar and by-products
- Valorization of managed land



Contact Us

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Let’s chat

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FINANCIAL ANALYSIS
FOR 12,000 HECTARES

GO ZERO GO GREEN

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Initial Investment

The project requires an initial investment of approximately US$14.3 million over four years.

THIS INVESTMENT FUNDING:

- Legal and administrative structuring
- Site preparation and nursery development
- Forest establishment
- Infrastructure and machinery
- Development of the biochar component

Most of the capital is deployed in the early years to establish the plantation, build infrastructure, and install biochar equipment

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Revenue Streams

The main revenue streams (without interest discount) are:

- Forest CO2: **US$1,085,393,781**
- Timber: **US$505,665,613**
- Biochar CO2: **US$45,773,999**
- Biochar: **US$29,342,307**
- REDD+ CO2: **US$8,892,691**

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Diversifying revenue streams reduces reliance on a single market factor and strengthens the project's financial resilience.

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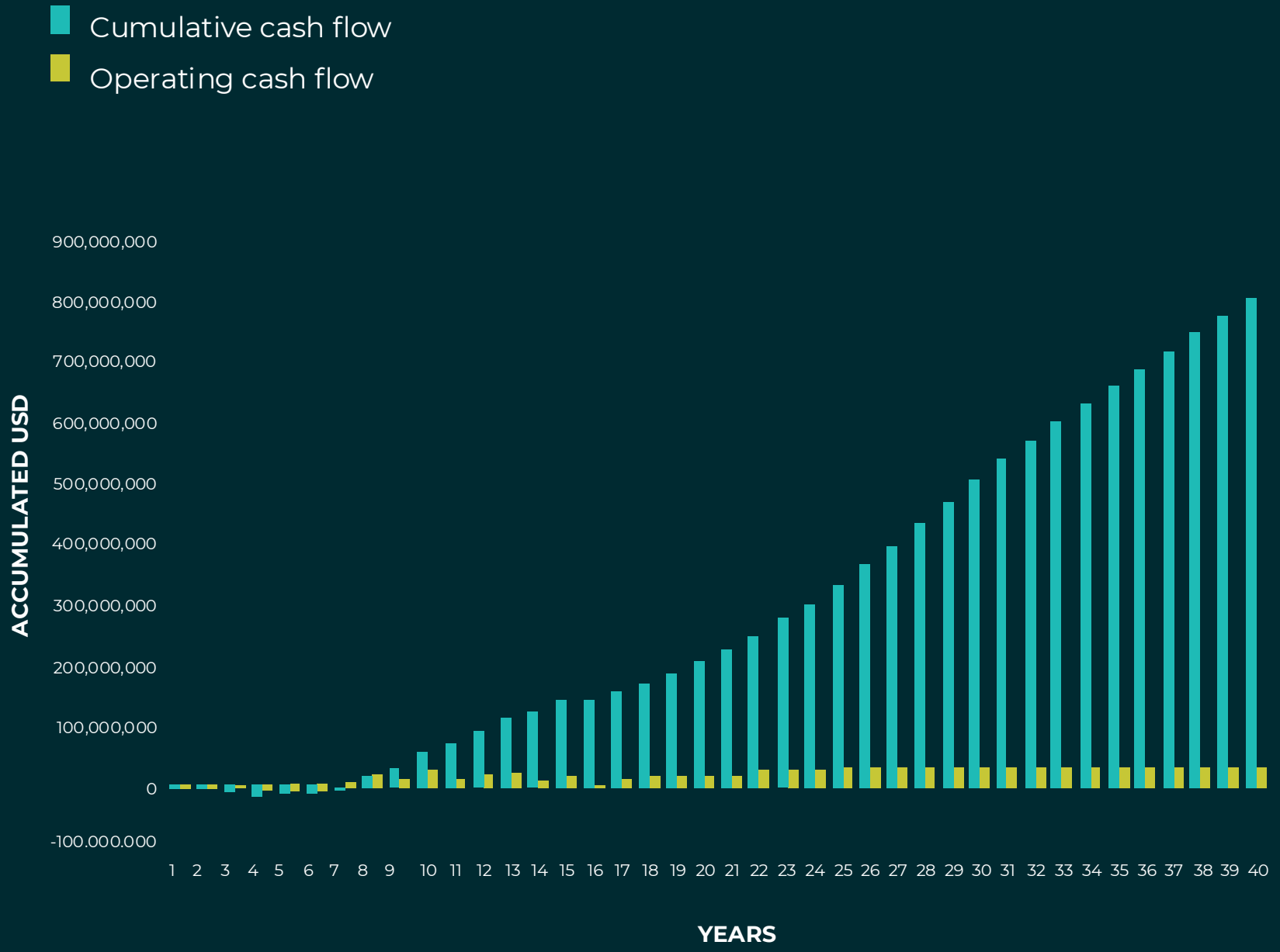

Financial Indicators

IRR
46%

CAPEX
USD $41.6 million

OPEX
USD $38.5 million

NPV
USD $ 83 millions

ANNUAL REVENUES (NPV)
USD $222 MILLIONS