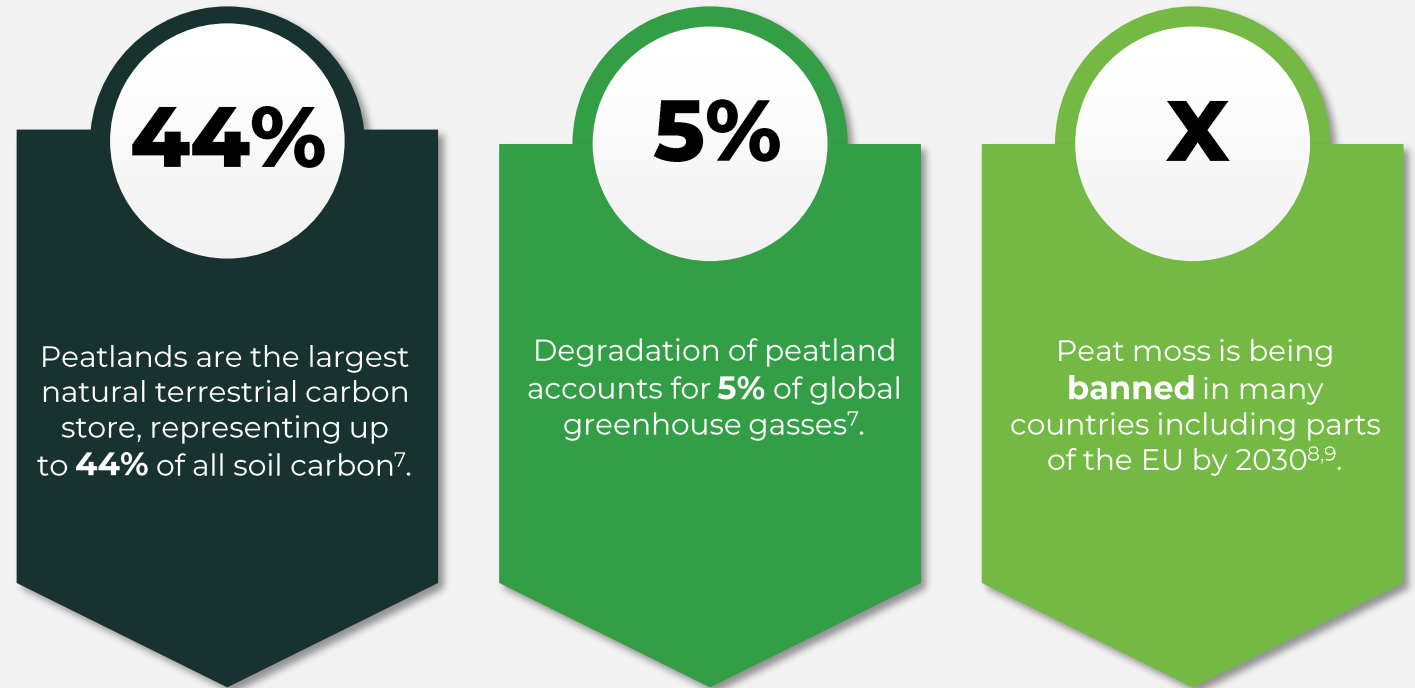


SUSTAINABILITY CHALLENGE OF EXISTING GROW MEDIA

Experts are pointing to a **pending global shortage** in grow media⁶.

Carbon emission intensity from existing growing media is contributing significantly to global warming⁷.

Existing grow media and unsustainable practices are causing **environmental degradation** of land and ecosystems⁷.



Peatland preservation is a significant nature-based solution to combat climate change.



COMPANY OVERVIEW



We are an Agricultural Technology company with a focus on the environment and food security.



Our mission is to create clean agriculture technologies that protect and heal the environment while enhancing food production and yields.

Pure Life Carbon has three divisions to control the value chain and compound returns:

01 Upstream

- Pyrolysis Processing
- Raw Materials Management
- Sustainable Forestry Management
- Land Acquisition

02 Downstream

- Advanced Carbon Production: Absolute Carbon, Charged Carbon, Carbon Gel
- Supporting Ecosystem Products

03 Environmental Impact & Carbon Offsets (“EICO”)

- High-Quality Carbon Offsets
- Carbon Capture Marketplace

EICO

DECARBONIZATION PATHWAY

PLC's highly repeatable and compoundable business model creates significant national and global decarbonization opportunities. By leveraging existing pathways and creating new ones, PLC's nature-based solutions will help to preserve biodiverse ecosystems, eliminate GHG emissions, and bring cutting-edge advanced carbons to market.



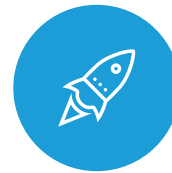
Sustainable Forestry

- Well established and carbon frameworks and protocols for reforestation, afforestation, and selective forestry management⁽¹⁾
- Applicable to Upstream division
- In process
- Carbon Removal



End-of-Line Advanced Carbon Uses

- Existing carbon frameworks and protocols for organic feedstock-to-carbon and soil amendments (biochar)
- Applicable to Upstream & Downstream divisions
- In process
- Carbon Removal



Peat Displacement

- New carbon frameworks and protocols to be developed with industry partners, led by Viresco Solutions
 - Phase 1 – establish a baseline for peat displacement
 - Phase 2 – develop re-use framework for PLC's products
 - In process
 - Carbon Offset



Coco Coir & Stone Wool Displacement

- New carbon frameworks and protocols to be developed with industry partners and led by Viresco Solutions
- In discovery
- Carbon Offset

THE PERFORMANCE CHALLENGE OF EXISTING GROW MEDIA

Existing mediums range in performance, availability, cost, quality, consistency, and environmental impact.

Most mediums produce inconsistent crop yields¹⁰ and yields are subject to disease, pests & crop loss¹⁰:

- Moderate to poor quality nutrient retention
- Cannot be re-used and/or difficult to recycle

Market Share	70%	9%	4%	4%	
Main Feature	Advanced Carbon	Peat Moss ¹¹	Coco Coir ¹²	Stone Wool ¹³	Traditional Biochar
Contaminant Free	●	○	○	●	○
Recyclable & Reusable	●	○	◐	○	○
Disease, Pest & Algae Resistant	●	○	○	◐	●
Plant Safe at High Concentration	●	●	●	●	○
Carbon-Negative Manufacturing Footprint	●	○	○	○	●
Permanent Carbon Store	●	○	○	○	●
High Nutrient Retention	●	●	◐	○	●
Consistent Composition & Grow Results	●	○	○	●	○
Governmental & Regulatory Support	●	○	◐	○	●

END MARKET APPLICATIONS



**Indoor Cultivation
Growing Operations**



**Large Scale Open Field
Agriculture**



Turf Management

- Golf courses
- Parks & recreation fields
- Garden & lawn landscapes
- Green roofs and living walls



Animal Feed

- Can be used as feed supplements for cattle, chickens, pigs, etc.



- Fruits & vegetables
- Cannabis cultivation
- Ornamental plants
- Field crops
- Plantation agriculture