

Investment Project in the United Arab Emirates

Sustainable Aloe Vera Solutions for the Oil, Gas, and Water Industry.

Aloetrade America LLC | Confidential Investment Memorandum

Gemini Notebook

Integrated Agroindustrial Platform

A comprehensive model for local value capture: from resilient cultivation to the manufacturing of high-value chemicals.



50 Hectares

Cultivation of 750,000 plants with a target yield of 4,000 tons/year of fresh biomass (Phase 1).



3.0 Million Liters

Annual processing capacity for the formulation of industrial products.



100% Integrated

Development that unites climate-adapted agriculture, a centralized biorefinery, and export-oriented R&D.

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The Project Ecosystem: Local Value Capture

Resilient Cultivation
Climate-adapted agricultural production with high water efficiency.

Centralized Processing
Raw material stabilization in a state-of-the-art biorefinery.

Development and R&D
Quality control laboratory and product formulation.

Industrial Manufacturing
Scale production of inhibitors, coagulants, and chemicals

National Supply
Supply to industrial and energy clients in the UAE.

Regional Export
Distribution to the GCC region and international markets

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UAE Localization Strategy



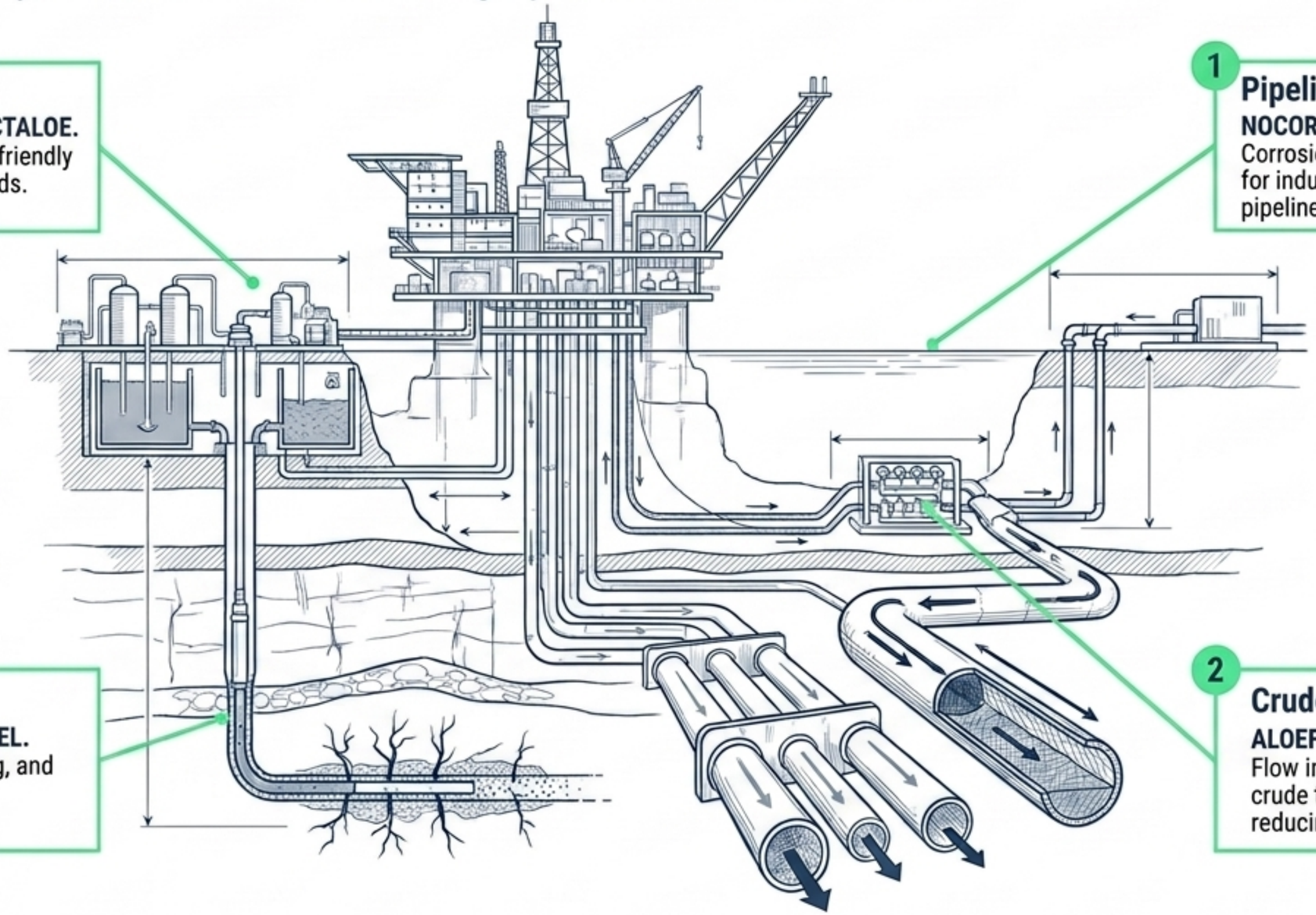
Agricultural Zones (Cultivation)	Industrial Zones (Biorefinery)
Locations Al Dhayd (Sharjah), Al Hamraniyah (RAK), Falaj al Mualla (UAQ).	**Locations** ICAD (Abu Dhabi), JAFZA (Dubai), Hamriyah (Sharjah).
Strategic Advantage Inland zones with strong agricultural tradition, experience in irrigation and viability of leasing costs.	**Strategic Advantage** Energy ecosystems, global logistics connectivity, customs exemptions and service infrastructure.

Feasibility Study: The model evaluates a split structure (cultivation near farms + formulation in free zone) to optimize landing and export costs.

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Sustainable Innovation for Oil & Gas (Priority 1)

Substitution of synthetic chemicals with high-performance biosolutions.



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Mud Treatment

REMEDIALOE & SURFACTALOE.
Bioremediation and eco-friendly treatment for drilling fluids.

1

Pipelines

NOCORGREEN & STOPSCALE.
Corrosion and scale inhibition for industrial operations and pipelines.

3

Fracturing

ALOEFRICRED & ALOEGEL.
Friction reduction, gelling, and fluid loss control in well stimulation.

2

Crude Flow (Flow)

ALOEFLOW HV & DRAGALOE.
Flow improvers for heavy crude transport and drag reducing agents.

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Strategic Expansion: Water Treatment and Desalination

Biopolymers for regional water security

- **Coagulants and Flocculants:** Plant-based solutions (COAGREEN, FLOCGREEN) for solid separation and industrial clarification.
- **Desalination Pretreatment:** Eco-friendly support for reverse osmosis systems and thermal plants.
- **Wastewater Management:** Sustainable treatment of municipal, industrial effluents and oilfield produced water.
- **Heat Transfer Systems:** Protection against corrosion and scale in critical water infrastructure.



The GCC Regional Market Opportunity



$1.7+ Billion USD

Projected value of the water treatment chemicals market in the GCC for 2025 (exceeding $2.2 billion by 2030).

Import Substitution	Specialty Demand	Scalability
Replacement of imported chemical products with local manufacturing from the Emirates.	Critical need for corrosion inhibitors and desalination chemicals on the Arabian peninsula.	Platform designed to export rapidly to the rest of the GCC region from free zones.

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Financial Projections (Reference Case: 50 Hectares)

Robust unit economics based on operations at nominal capacity.

Total Capital Requirement

$10,735,000 USD

(Includes CAPEX, DEVEX, and Initial Working Capital)

Mature Annual Revenue

$22,500,000 USD

(At 100% capacity)

Annual EBITDA

$6,465,000 USD

(28.7% Margin)

Project IRR (TIR)

12.36%

(After royalties)

The indicative breakeven volume is only 16.3% of the nominal capacity.
Preliminary estimates subject to engineering and agronomic validation.

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ESG Alignment and Sustainable Development Goals (SDGs)

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Clean Water and Sanitation

Plant-based solutions for the clarification and treatment of industrial wastewater.

8

Decent Work

Creation of high-skill technical, manufacturing, and agricultural jobs.

9

Industry and Innovation

Establishment of local processing infrastructure, R&D, and testing capacity.

12

Responsible Production

Integral use of aloe biomass in multiple product streams, eliminating waste.

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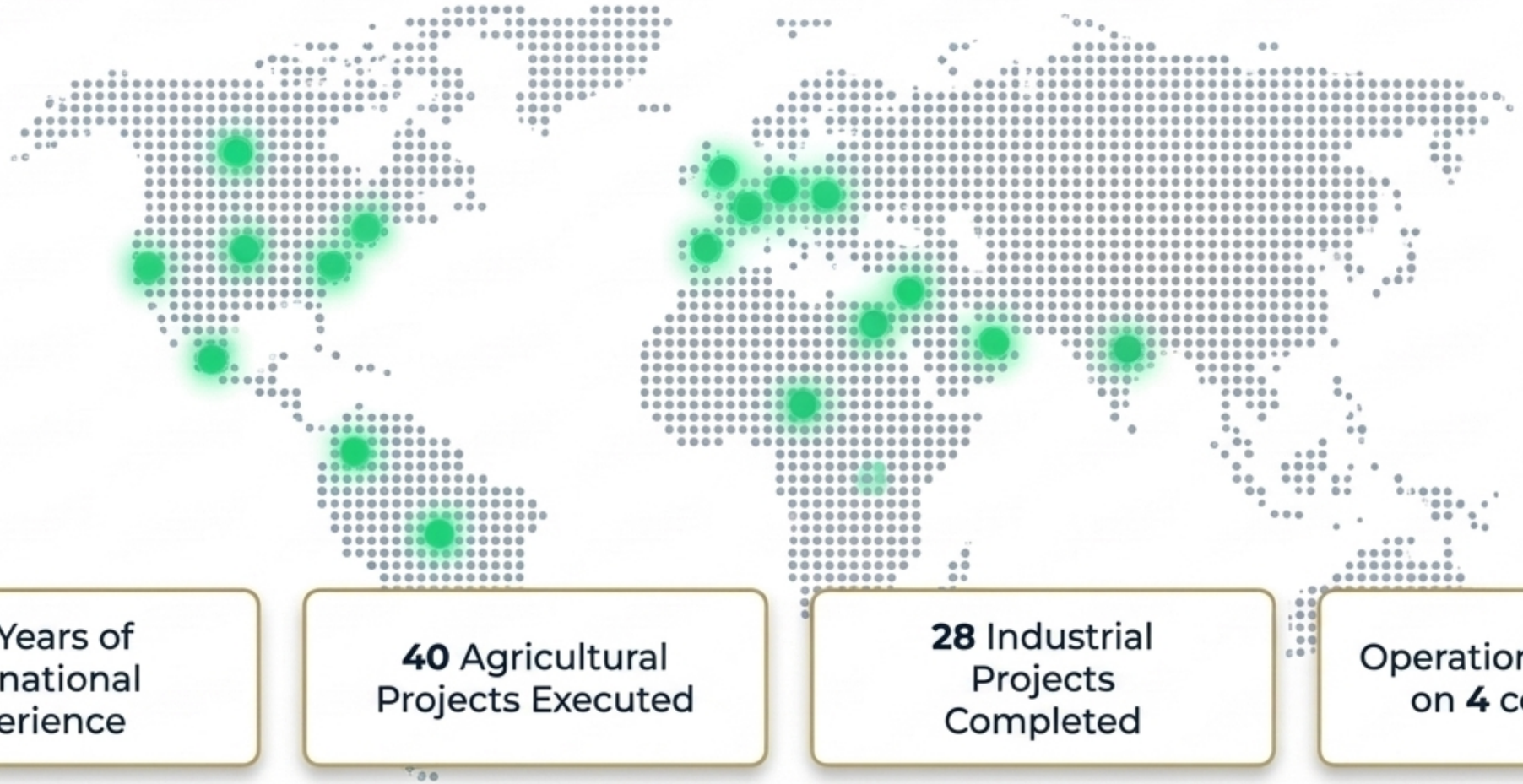
Climate Action

Arid-climate adapted agriculture with water efficiency and minimized operational impacts.

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Global Support and Next Steps

Aloetrade America LLC: Your technological and operational partner.



25+ Years of International Experience

40 Agricultural Projects Executed

28 Industrial Projects Completed

Operational presence on **4** continents

To access the detailed financial model, return metrics, and technical dossiers, contact us directly:

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