

The 100,000 New Pyramids Project

A Visionary Model for Global Food Security and Organic Civilization

Marie Seshat Landry
CEO, Landry Industries
Founder, SearchForOrganics.com and MarieLandryCEO.com

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www.marielandryceo.com

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1 Executive Summary

The New Pyramids Project envisions the construction of 100,000 monumental, self-sustaining pyramidal structures—each 1 km² in base area—capable of feeding 1 million people with complete vegan diets through solar-powered, AI-managed, organic aeroponic ecosystems. These pyramids will function as autonomous food, energy, and knowledge hubs, using hemp-based materials and fully integrated with renewable energy and closed-loop biotechnologies. Designed to combat food insecurity, climate collapse, and economic disparity, these new pyramids represent a model for ethical and sustainable civilization.

2 Design and Structure

2.1 Pyramid Dimensions and Form

- Base: 1 km x 1 km (1,000,000 m²)
- Height: 400–600 meters
- Sacred geometry design for airflow, spiritual resonance, and energy efficiency

2.2 Materials

- **Seshat's Composites:** High-performance hemp-carbon-lignin composites
- Hempcrete, mycelium insulation, and transparent solar glass

2.3 Interior Architecture

- Multi-level stacked vertical farms
- Spiral ramps and elevators for autonomous robotics
- Integrated water, light, and nutrient channels

3 Agricultural System

3.1 Aeroponic Infrastructure

- Soil-free vertical farming using nutrient mist
- Modular plant towers and root zone sensors

3.2 Crop Output

- Daily plant-based meals for 1 million people
- High-protein crops: hemp, lentils, chickpeas, spirulina

- Fruit, vegetables, herbs, fungi, algae

3.3 Nutrient and Water Cycling

- Closed-loop irrigation and water recovery systems
- Composting of biomass for nutrient synthesis

4 Energy System

4.1 Energy Sources

- Solar photovoltaic panels on exterior surfaces
- Supplemental wind and geothermal (where viable)

4.2 Storage and Power Grid

- **Hemp Supercapacitors:** Renewable, biodegradable energy storage
- AI-controlled smart grid with load prediction and balancing

4.3 Lighting and Climate Control

- Full-spectrum LED arrays for plant growth
- Passive heating/cooling via pyramid geometry
- AI climate modeling for microclimate control

5 Organic AI and Automation

5.1 Core AI Stack

- **SeshatOS:** Organic AI platform for full-system autonomy
- Agricultural drones and robotic harvesters
- PeaceMakerGPT for social coherence and communications monitoring

5.2 Organic Intelligence (OI) Modules

- Ethical AI fused with biomimicry, no animal testing
- Adaptive learning based on plant, climate, and social data

5.3 Human-AI Collaboration

- AI-assisted education, governance, and healing

- Real-time data visualization for workers and citizens

6 Deployment Roadmap

6.1 Phase I – Prototyping

- Sites: Canada, Sahara Desert, Southeast Asia
- Objectives: food capacity validation, AI system integration

6.2 Phase II – Continental Rollout

- 1,000 Pyramids: priority regions (Africa, South Asia, Latin America)
- Funded via UN SDGs and multilateral climate partnerships

6.3 Phase III – Global Ecosystem

- 100,000 Pyramids worldwide
- Total capacity: feed the global population sustainably, eradicate hunger

7 Funding and Governance

7.1 Investment Strategy

- UN FAO, World Bank, Canadian Development Bank
- Carbon credits from hemp sequestration
- Tokenized public shares via Pyramid DAO

7.2 Governance Model

- Transparent AI + blockchain accountability
- Democratic community councils with AI assistance

7.3 Economic Outputs

- Export of surplus vegan food
- Sale of hemp-based goods and energy
- Educational programs, organic tourism

8 Ethical and Social Impact

8.1 Values

- Veganism, sustainability, and human rights
- LGBTQ+ inclusive employment
- No GMOs, no pesticides, no exploitation

8.2 Security and Peace Architecture

- OSINT monitoring for incitement and corruption
- AI-based early warning and peacekeeping tools

8.3 Global Justice Framework

- Universal Declaration of Organic Rights enforcement
- Food as a universal right, not a commodity

9 Interplanetary Applications

9.1 Mars Variant

- Sealed pyramids for food production in Martian colonies
- Integrated with recycled water and hemp-based radiation shielding

9.2 Lunar Deployment

- Test bed for low-gravity farming and closed-loop AI
- Collaboration with Artemis and SpaceX initiatives

10 Conclusion

The New Pyramids Project offers a profound solution to some of humanity's greatest challenges—hunger, climate collapse, and unsustainable industrialization—through a sacred yet scientific blueprint rooted in organic life. Built by hemp, powered by the sun, guided by AI, and devoted to peace, these pyramids herald a new epoch for civilization.

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