

Open Cycle Atmospheric Purification System

Declaration of Release

This document publicly releases the concept and specifications of the Open Cycle Atmospheric Purification System--an adaptable, modular, closed-loop waste processing tower capable of transforming solid, liquid, or vapor-based waste into clean air and usable byproducts.

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This is a gift to the people of Earth and beyond.

System Overview

The Open Cycle System operates as a vertical purification tower, built from existing technologies:

- High-temperature waste combustion
- Ionization chambers
- Reactive chemical transformation layers
- Condensation and byproduct capture systems

It is designed to operate in remote environments, off-world habitats, or regions affected by ecological collapse.

Feasibility Summary

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Every component of this system exists in modern science and industry today. The innovation lies in its integration:

- Incineration and gasification chambers for waste breakdown
- Cold plasma and electrostatic ionization for particle control
- Catalytic conversion using zeolites, oxides, and activated carbon
- Closed-loop control via low-cost AI boards and gas sensors

The system is scalable, self-cycling, and capable of clean air release with minimal environmental impact.

Contact & Collaboration

For engineers, designers, and builders interested in contributing to the development or prototyping of this system, you may reach the originator of this release at:

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