#### Alpha & Omega Ladder



The Alpha & Omega Ladder outlines the step-wise process of atomic reconstruction.

#### **PLASMOIDS**

Plasma is the fourth state of matter, alongside solid, liquid and gas. It forms when a gas becomes highly energised and electrons are stripped from atoms, creating a mix of charged particles. This makes plasma electrically conductive and highly responsive to electric and magnetic fields.

A plasmoid is a self-organised, toroidal plasma cluster that can carry a net surplus of protons or electrons capable of absorbing, storing and releasing vast amounts of energy within its selfgenerated electromagnetic containment field.

These structures act as atomic batteries, capable of self-charging by converting matter into usable energy and replenishing their internal potential. A plasmoid's unique toroidal geometry creates a natural zero point, an electromagnetic null where opposing fields cancel, concentrating charge and triggering ordered reactions.

#### INVENTOR

Malcolm Bendall is an Australian geochemist and vortex fusion specialist who has invented the Molten Sea Ark Atomic Reconstruction Technology (MSAART), which integrates plasma physics, sacred geometry and ancient mathematical principles.





#### **LIVE DEMONSTRATION**



youtube.com/@AlchemicalScience

## THUNDERSTORM GENERATOR

A breakthrough retrofit technology that harnesses plasmoid physics to process combustion exhaust, transforming existing combustion infrastructure into near-zero-emissions systems with radically improved fuel efficiency.



# NEAR-ZERO EMISSIONS OXYGEN-RICH OUTPUT EFFICIENCY GAINS

The Thunderstorm Generator (TSG) is a waste energy conversion system designed to retrofit onto existing combustion infrastructure or carbon emission sources.

Operating without moving parts or an external power supply, the TSG harnesses piston-stroke vacuum cycles, exhaust-heat thermal energy and combustion-driven pressure oscillations to form structured plasmoids.

These plasmoids drive the Alpha & Omega Ladder's step-wise reconstruction, reducing carbon monoxide, carbon dioxide, and hydrocarbon emissions to near-zero and increasing exhaust oxygen to levels comparable to ambient clean air. Field results also show material gains in fuel efficiency.

The TSG comprises three sequential units: an Ionizer, Plasmoid Generator and Vaira.



#### **IONIZER**

The Ionizer is the primary airintake and pre-conditioning stage, where ultraviolet light treats the incoming airstream before it enters the plasmoid generator. Airflow is induced by the engine's exhaust vacuum.



#### PLASMOID GENERATOR

The Plasmoid Generator unit receives the pre-conditioned air and channels it into a water-filled bubbler where engine vacuum and compression cycles agitate the water, producing bubbles that cavitate and collapse, triggering the formation of plasmoids.



#### **VAJRA**

The Vajra unit comprises nested stainless-steel spheres and concentric tubes that form counter-rotating vortices: hot exhaust outside and cooler plasmoids inside. At the highshear interface, opposing flows couple and the plasmoids begin transmuting the exhaust gases.

### THUNDERSTORM GENERATOR ELEMENT'S GOVERNMENT CERTIFIED TESTING LAND LOGICAL DARTFORD 28TH JUNE 2024

		Without Technology	With Technology	% Change
Sulfur Dioxide	mg/m³	4.80	0.73	- 84.8%
Ammonia	mg/m³	0.66	0.14	- 78.8%
Hydrogen	%v/v	1.20	0.05	- 95.8%
Total VOCs (as Carbon)	mg/m³	882.00	0.50	- 99.9%
Oxides of Nitrogen	mg/m³	185.00	173.00	- 6.5%
Carbon Monoxide	mg/m³	12,010.00	350.00	- 97.1%
Oxygen	%v/v	0.15	10.40	+ 6833.3%
Water Vapour	%v/v	4.20	2.40	- 42.85%

Generator Test Certified Readings

#### **INDUSTRY INTEGRATION**

The TSG is a modular, drop-in retrofit that seamlessly integrates with existing combustion infrastructure, requiring no major alterations to the asset. Its low-cost design enables rapid, scalable deployment across power generation, heavy industry and transportation.

#### **GLOBAL DEPLOYMENT**

Active commercial discussions are underway with governments, corporations and industrial partners worldwide. Strategic partners in the UK, US, Thailand, India, Australia and other nations are preparing for mass production and worldwide distribution of the TSG unit.

#### **CERTIFIED VALIDATION**

The TSG has been independently tested and verified by a global collective of scientists in addition to Element, a globally recognised Testing, Inspection and Certification provider accredited to ISO/IEC 17025 and government regulatory authorities across 30 countries.