



GLOBAL SOLUTIONS
FOR PROJECT MANAGEMENT



SEMP Research Institute Co., Ltd.
Super, Electric, Magnetic, Power / Group that studies energy

AI Smart

Electromagnetic Generator



Thank you for being
a part of history in
making the future

The breakthrough innovation for a true Net Zero future

Imagine a future where automobiles, hard-to-abate industries and practically every aspect of life is emission-free.

Imagine a world that is truly Net Zero.

By harnessing the tremendous potential of Artificial Intelligence and the fundamental laws of physics, we are making that a reality.

With the AI Smart Electromagnetic Generator (AISEG).

Our contribution to a Net Zero future begins here at COP28!



A transformational research breakthrough

AISEG is the result of pioneering research by South Korea's SEMP Research Institute with Abu Dhabi-based Global Solutions for Project Management as a strategic investment management partner.

The scientific quest for breakthrough research that will redefine how the world will use energy – without depleting natural resources and conserving the Planet in all its pristine benevolence.

The research commenced in 2015 leading to its display and demonstration at the World Future Energy Summit 2019 in Abu Dhabi.

Today, with more than 60 patents, AISEG is ready for commercial application, with the technology endorsed for its efficiency by the Korea Electric Power Research Institute and the Korea Laboratory Accreditation Scheme,

AISEG marks the next leap in the evolution of technology – one that generates energy with ZERO OIL delivering the promise of a truly sustainable planet.



Standalone



Modular System



Scalable



Durability



Low OPEX / Self-Sufficient



Low Infrastructure



Lowest LCOE



Flexible & Compact

Based on the strong foundations of Physics

AISEG works on fundamental electromagnetic principles and the Inverse Square Law.

Leveraging the principle of circular winding to create stable magnetic fields, the application of AI logic signals helps generate constant output frequency.

At the heart of AISEG is the Theory of Bandwagoning and the practical application of Biot-Savart's Law and Faraday's Law.

A Super Magnet serves as a foundational component of the AISEG technology.

Beyond its primary role, this technology holds potential for diversification into various other applications.

Today, AISEG is the world's first successful system that generates higher efficiency output compared to input power.

Welcome to the future of energy – one that has zero-dependence on oil and gas – indeed, paving the way for a Net Zero future.



Safe



Clean Energy



Carbon Free



No Fuel



Efficiency

A market of infinite value with application in every field

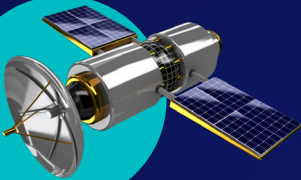


Industry Customized Type for Home, Building, Factory etc.

Electric Vehicle Customized Type



Satellite & Other Zero Gravity Operations



Large Power Plant and Other Customized Type



Customized Application Type



Transportation Customized Type for Vessel, Aircraft, Trains, Special Car, etc.



Ultra Compact Type for Electronic Products and Home Appliances

A solution that addresses today's climate challenges

AISEG addresses the fundamental challenges that humanity faces today when it comes to fighting climate change.

- Decarbonisation - zero deployment of oil and gas
- Net Zero Transition - enables even hard-to-abate industries to achieve carbon neutrality
- Financial benefits - limits the financial burden on energy expenditure
- Food security - powers farming systems with zero emissions
- Job creation - by accelerating industry, helps create new jobs
- Remote applications - limitless power for remote operations, including military applications
- Industrial efficiency - revolutionizes the industrial sector with reliable power

Join us to redefine the future of energy – and to achieve Net Zero goals

FOR ADDITIONAL INFORMATION, CONTACT



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