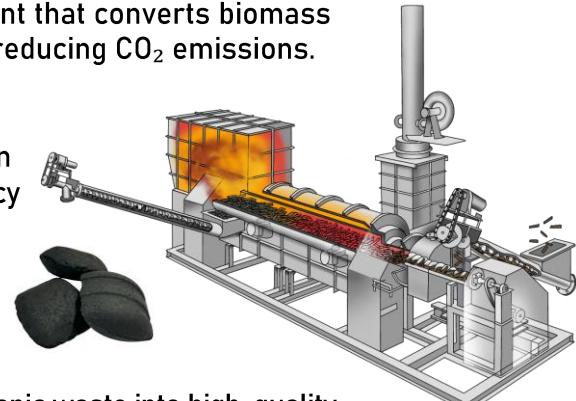




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COMPANY OVERVIEW

ZE Energy is a Japanese clean energy technology company specializing in biomass carbonization solutions that support the EU's Fit for 55 and circular economy policies. We design and supply CE-certified carbonization equipment that converts biomass waste into valuable carbon resources while significantly reducing CO₂ emissions.



WE SPECIALISE IN

- Coal replacement using biomass coke and biomass carbon
- Waste-to-resource solutions aligned with EU climate policy
- Scalable Carbonization Center development
- Measurable and reportable CO₂ reduction projects
- Long-term carbon sequestration through biochar

OUR PRODUCTS AND SERVICES

- Carbonization Equipment (CE Mark certified): Converts organic waste into high-quality charcoal using indirect heating with minimal emissions.
- Biomass Coke & Biomass Carbon: Used as alternative fuels for coal-intensive industries.
- Biochar Solutions: For soil improvement, water purification, and carbon credit generation.

WE OFFER

- Practical solutions to achieve 55% CO₂ reduction targets
- Reduced dependence on fossil fuels and imported coal
- Support for circular economy and waste reduction strategies
- Technology enabling industrial decarbonization without major process changes
- A scalable model adaptable to local EU biomass resources

WE ARE LOOKING FOR

We seek EU-based partners including:

- Local governments and public agencies
- Energy-intensive industries (cement, foundries, manufacturing)
- Fuel trading and energy companies
- Carbon credit and sustainability project partners

Together, we aim to establish Carbonization Centers across the EU.

OVERSEAS EXPERIENCE

ZE Energy has extensive international experience with projects and partners in Europe and Asia, including Poland, Sri Lanka, Thailand, Vietnam, and Singapore.

Our technology has been adopted in government-backed projects, including coal substitution initiatives under international carbon credit schemes.

These projects demonstrate a scalable and policy-compliant model applicable to the European market.