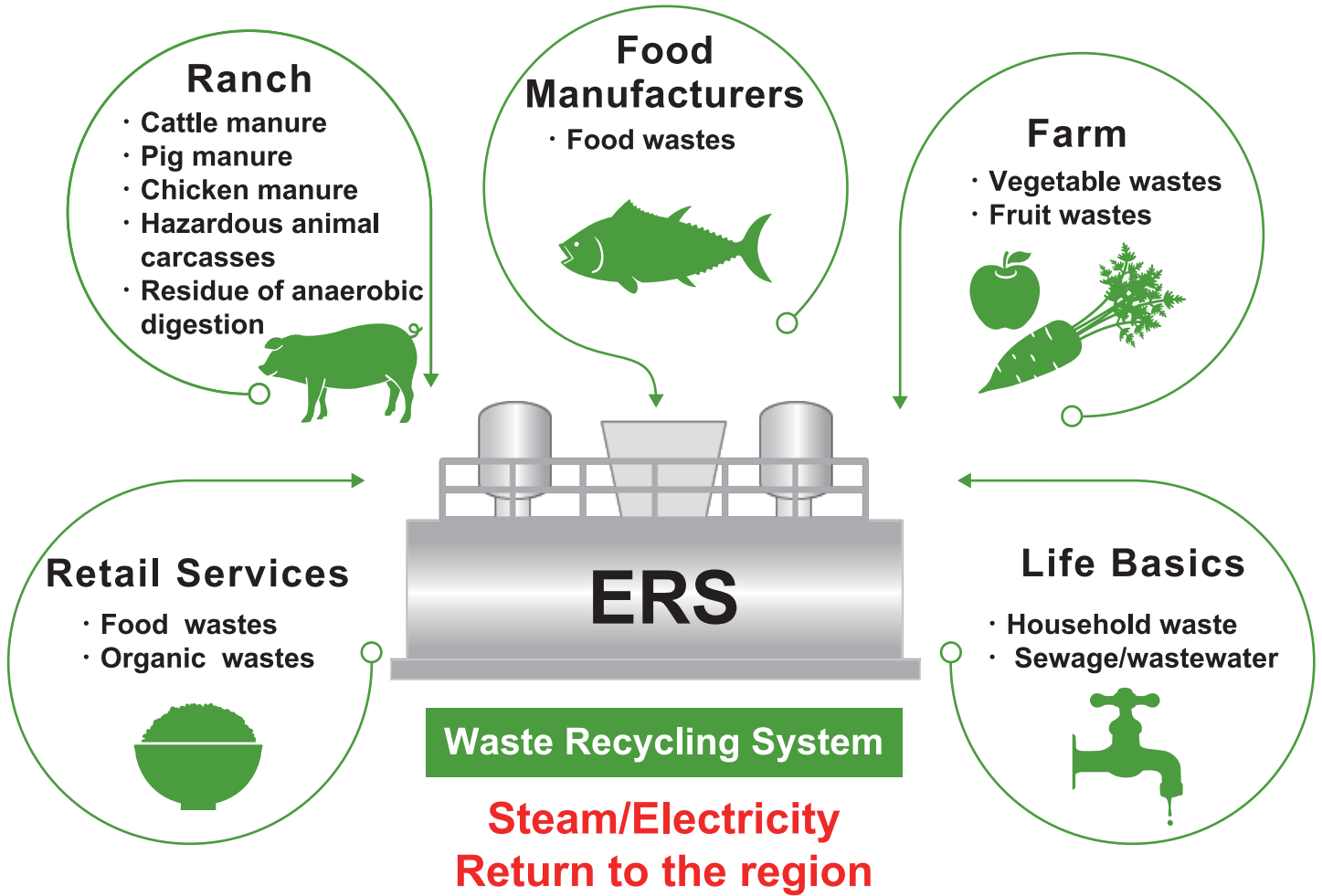


Rapid Indigenous microbial Rapid Microbial Fermentation System ERS



Waste collection → Convert to reusable resources → Renewable energy production

Waste Recycling System

This is a rapid recycling system for organic wastes through fermenting and drying processes. It produces reusable resources such as fertilizers and biomass fuels. These resources can be utilized as renewable energy (steam and electricity).

ADVANTAGES

High speed fermenting and drying

Significantly reduced volume of wastes

Sorting mixed wastes

Low operational costs

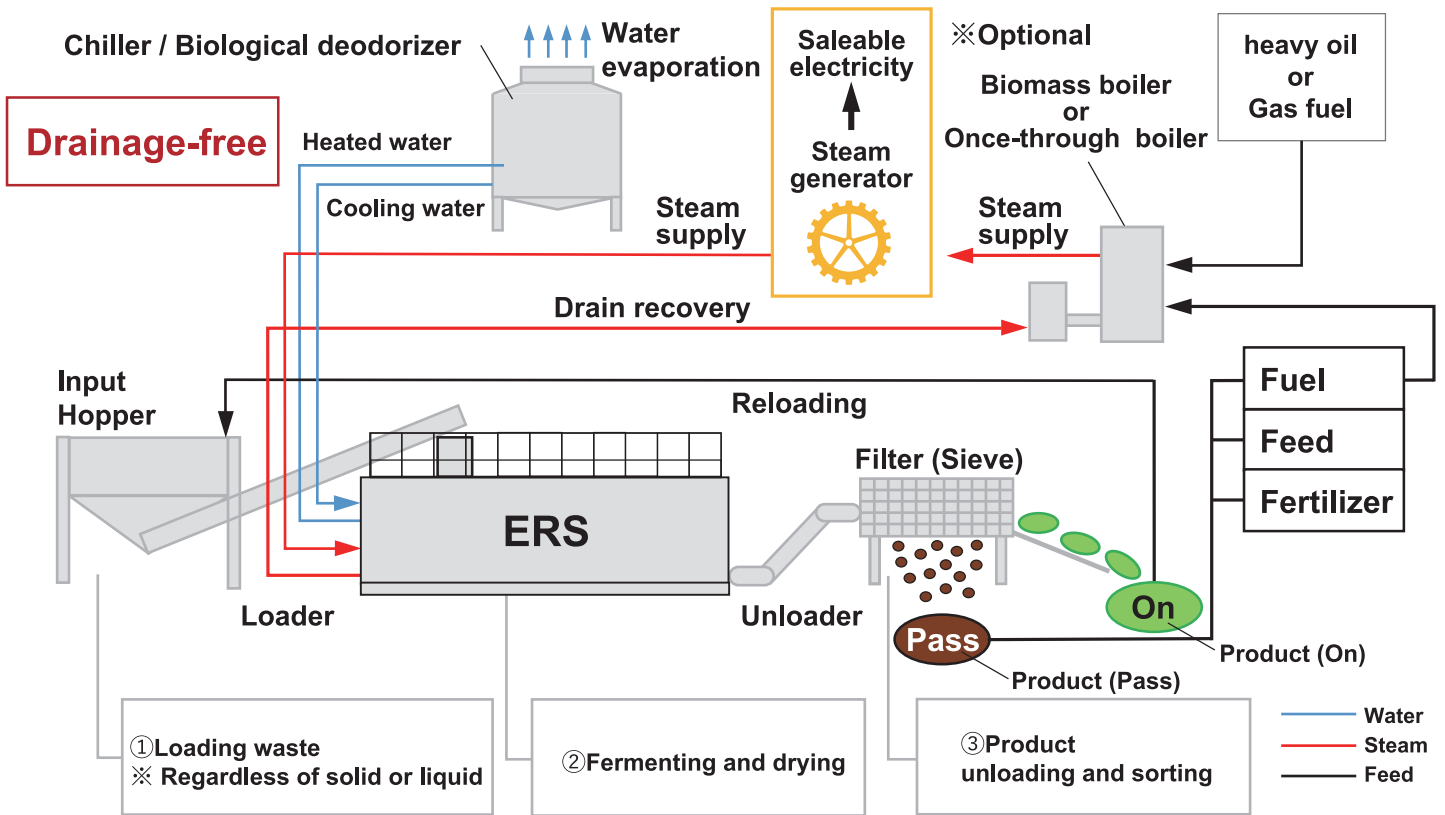
Odorless emission

Drainage-free design

Compact modular design

Cost-free microbes

Recycling method



Application examples



Cow ranch

Objects : Manure
 Capability : 60 ton / day
 Type : ERS-5×3 units
 Products : Fuel, bedding



Hazardous animal carcasses handling

Objects : carcasses
 Capability : 2 ton / day
 Type : ERS-1
 Products : Reduced volume, pet food



Cattle ranch

Objects : Manure
 Capability : 27 ton / day
 Type : ERS-5
 Products : Bedding



Industrial Wastes

Objects : Industrial Wastes
 Capability : 15 ton / day
 Type : ERS-4
 Products : Fertilizer



Tofu manufacturer

Objects : Tofu with package
 Capability : 25 ton / day
 Type : TOFUMAX-5
 Products : Feed



Biogas plant

Objects : Residue of anaerobic digestion
 Capability : 15 ton / day
 Type : ERS-4
 Products : Feed, bedding



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