

Ranteko

ENERGY FROM WASTE



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
Интернет: www.tisys.ru www.tisys.kz www.tisys.by www.tesec.ru www.ти-системс.рф
Телефоны: +7 (495) 7774788, 7489626, (925) 5007155, 54, 65 Эл. почта: info@tisys.ru info@tisys.kz info@tisys.by

Energy From Waste 2022

About Us



Ranteko Environmental Technologies has operated in the concept of waste to energy since 1998.



Our main scope is waste drying and incineration.



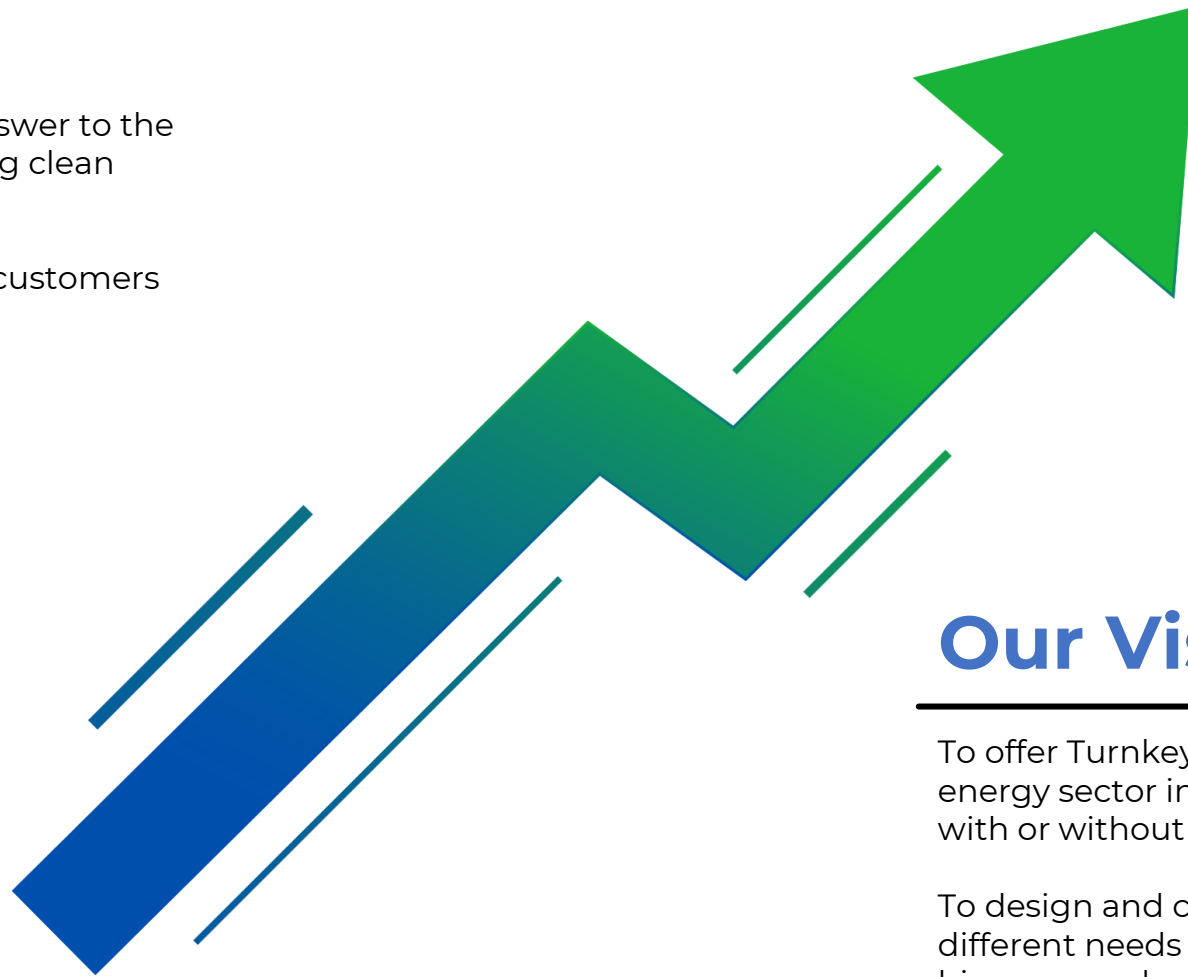
We offer high degree of Waste Management quality based on sustainability and circular economy principles. Depending on the size of the projects, partner companies in Europe are also cooperating with us.



Our Mission

Our mission is to provide a robust answer to the worlds waste problem whilst ensuring clean energy is readily available.

Our target is that our list of satisfied customers continues to grow for years to come.



Our Vision

To offer Turnkey contracts in the waste to energy sector including incineration facilities with or without electrical production.

To design and construct powerplants to suit different needs such as wastewater treatment , biomass, garbage incineration.



Our Corporate Team



Ömer Halit Camcıoğlu
Owner and General
Manager
Electronics Engineer



Asuman Camcıoğlu
Project Manager



Hakan Murat Şekerci
Assistant General
Manager



Yakup Okşaş
Project Director
Mechanical
Engineer



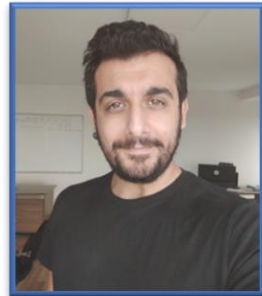
Abdullah Ünal
Site manager
Mechanical
Engineer



Gül Meral Toker
Finance Manager



Abdullah Saklı
Electrical Engineer



Mehmet Ali Şimşek
Mechanical Engineer



Yılmaz Korkmaz
Environmental and
Project Engineer



Özge Arguner
Environmental Engineer

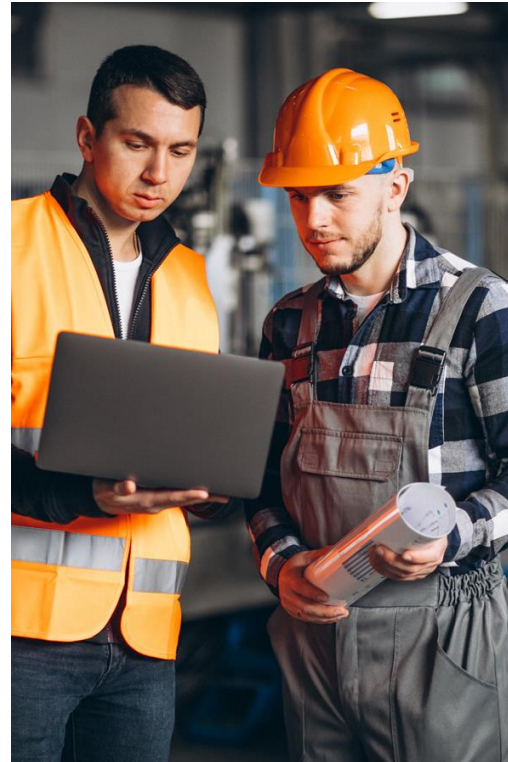


Özgür Şahin
Electrician

Our EPC Services



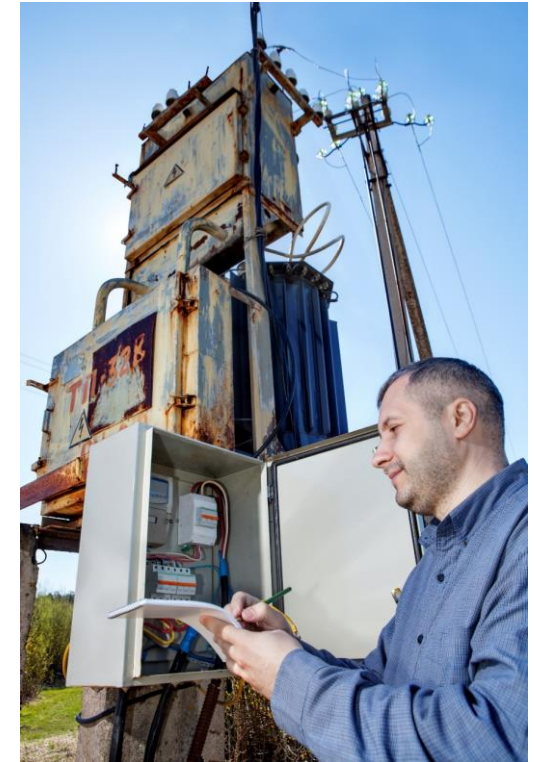
Basic Engineering



Project Design



Electrical Works



Control



İNEGÖL OIZ



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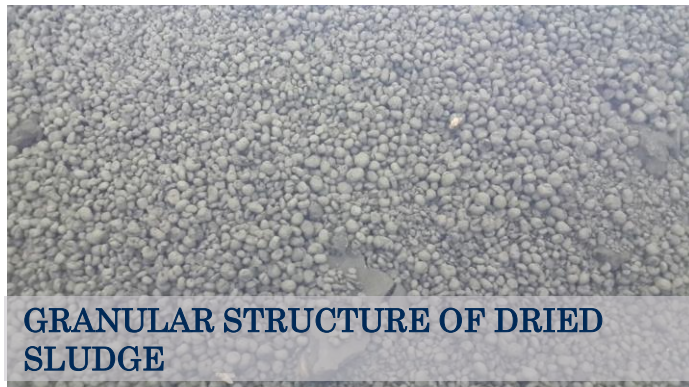
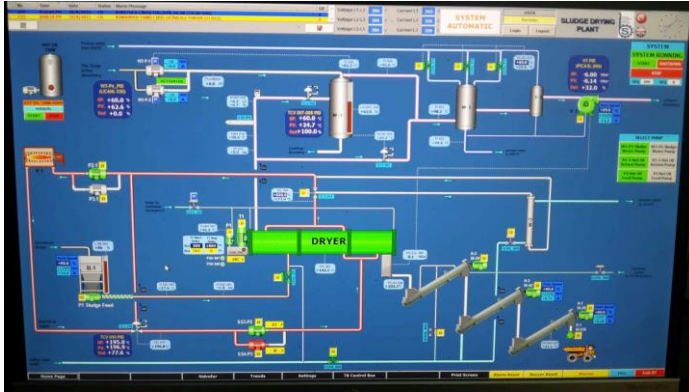
INEGOL DRYING PLANT

Inegol Organized Industrial Zone 90 t/day sludge drying facility:

- 1- The facility has been operating for 7 years.
- 2- The treatment sludge is heated with the heat recovered in the facility, and therefore the sludge dryness rate increases and the energy consumed is reduced. In addition, polymer consumption also decreases due to hot sludge ingress.
- 3- Consumed energy: 600 kcal / liter of water.
- 4- The facility provides its own heat energy.

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IMAGES FROM INEGOL OIZ FACILITY



GRANULAR STRUCTURE OF DRIED SLUDGE



SLUDGE OUTPUT SECTION

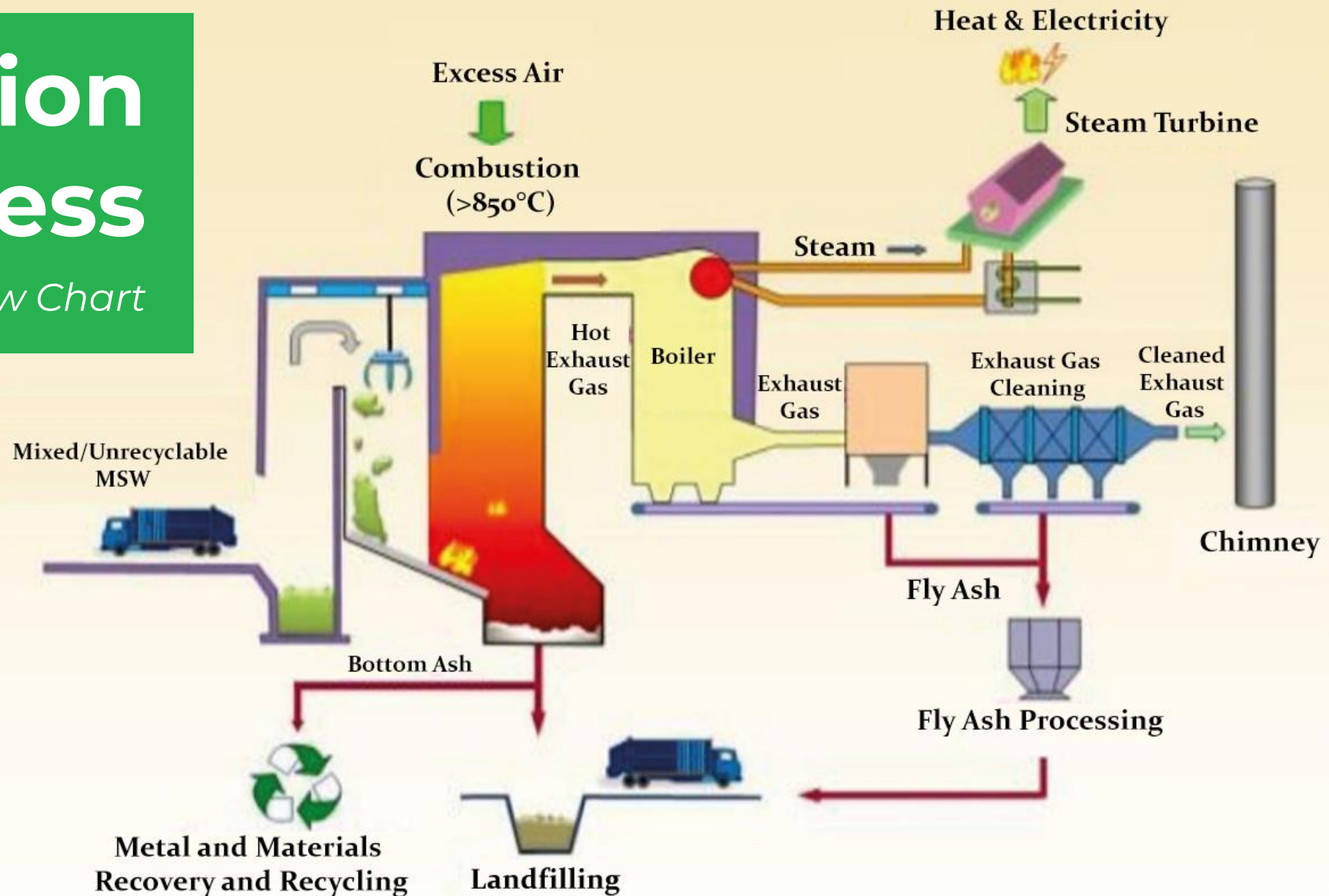
EKOLOJIK ENERJİ DRYING PLANT



400 tpd Thin Film Dryer + RDF + Sludge Drying
& Incineration Plant
Ekolojik Enerji (Çorlu, Tekirdağ)

Incineration Process

Flow Chart



Our Portfolio

Completed Projects

2008



Electricity Generation Plant

4MW

Sludge Dryer (80 t/d) & 4MW Electricity Generation Plant: Inegol Designated Industrial Zone

2014



Sludge Drying and Incineration Plant

90 T/ Day

Sludge Dryer And Incineration Powerplant Inegol Designated Industrial Zone

2020



6MW Sludge Drying and Incineration Powerplant

400 T/Day Sludge Drying + RDF + Sludge Incineration Plant
Ekolojik Enerji (Çorlu, Tekirdağ)
Dryer Turnkey + Procurement and Installation

Our Portfolio

Ongoing / Close To Completion

2020



13.6MW Incineration Powerplant

420 T/Day

RDF + Biomass Incineration Plant (UŞAK City)
Turnkey Electromechanical Works And Civil
Works Excluding Excavation
Work completion certificate available

2021



Rotary Kiln Incineration Plant - Ongoing

350 Kg/hr

Hazardous Waste Incineration Plant
(The Republic of Congo)

2022



30 Ton/Hr – 11 Bar Poultry Manure Based Power Plant – Bolu

Fludized Bed Reactor and Flue Gas Treatment
System

2022



600 tpd – WWTP Plant – Drying&Incineration Plant – Kazakhstan(Ongoing)

Thin Film Drying, Fludized Bed Reactor and
Flue Gas Treatment System





For the project animation,
please click:
[Click Here](#)

UŞAK 13.6MWE

**RDF+ Biomass
Incineration Facility**

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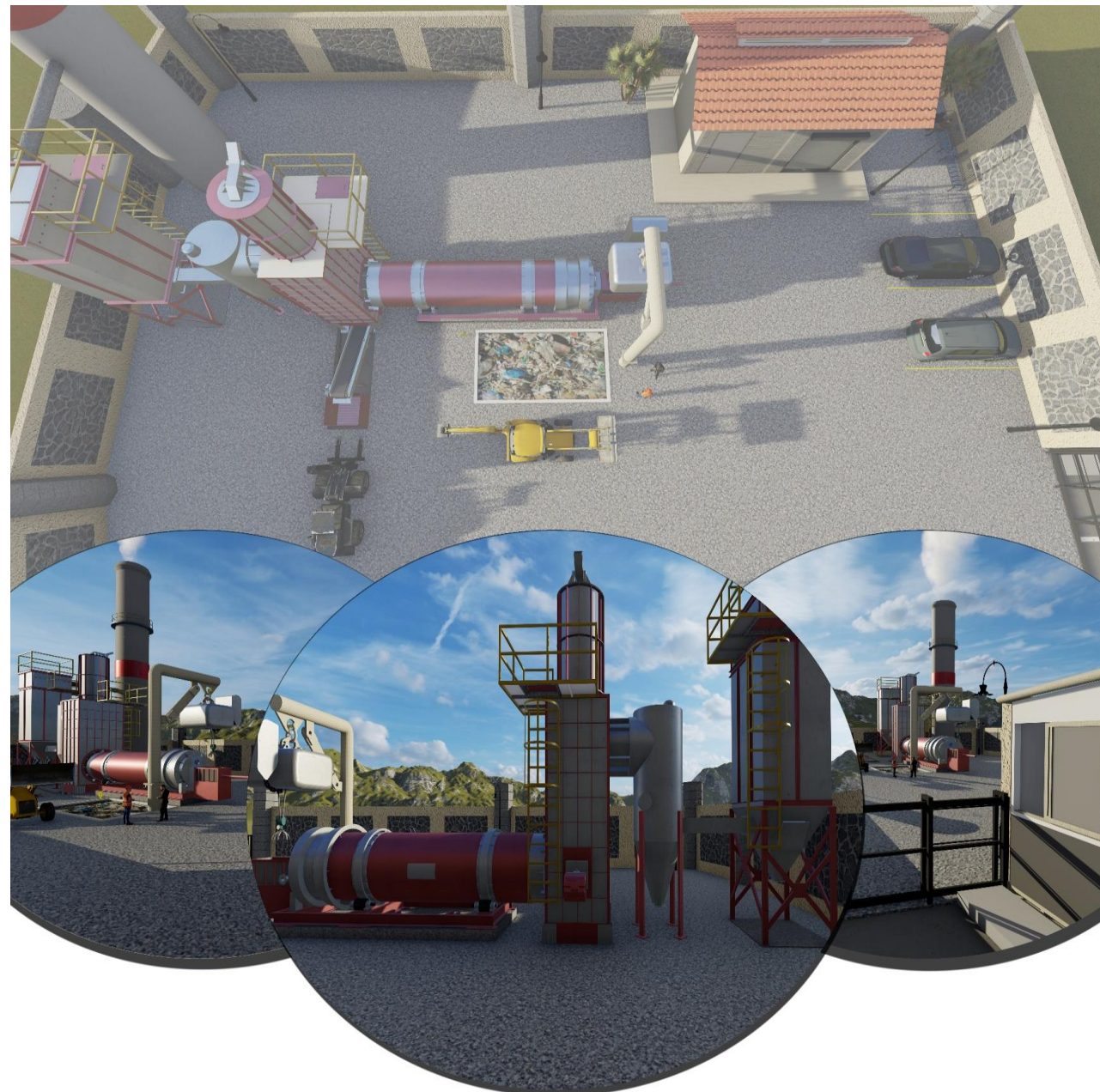
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**Waste Incineration Plant Concept
Project, 1000 T/Day Designed for İSTAÇ**



350 Kg/sa Capacity Hazardous Waste Rotary Kiln System, The Republic of Congo



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Experience

Biomass - Solid Waste Power Plants
Sewage Sludge Drying & Incineration Solutions

Advanced
Technology



Qualified Team

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Q & A

**Please contact us for your
questions and requests.**