



WTE



BIO



WHR



O&G



CGP



COAL



FS



MIMSAN ENERGY

As Mimsan Energy; We manufacture Combustion and Energy Systems with 37 Years of Experience.

Mimsan produces industrial steam boilers and superheated steam boilers up to 60MWth in each unit with circulating fluidized bed technology. Reducing energy costs is our main strategy. We have solutions for agricultural waste, pelletized chicken manure, forest waste, sludge, municipal waste (RDF) and coal incineration.

Our main products are Fluidized Bed Steam and Thermal Oil Boilers, Biomass Boilers, Waste Heat Boilers, Turnkey Cogeneration Systems. Facilities are our main production items. We have over 400 experienced personnel.

Our products are mainly used in textile, food, wood and cement factories.



COAL FIRED FLUIDIZED BED BOILER



Next-Generation Circulating Fluidized Bed Technology is designed to create complete combustion by recycling unburned particles from the Furnace. Therefore, both the low-calorie and high-calorie lignite can be burned with high efficiency. With this technology, it is possible to ensure the energy economy in each period based on periodical changes in fuel alternatives.





BIOMASS POWER PLANTS

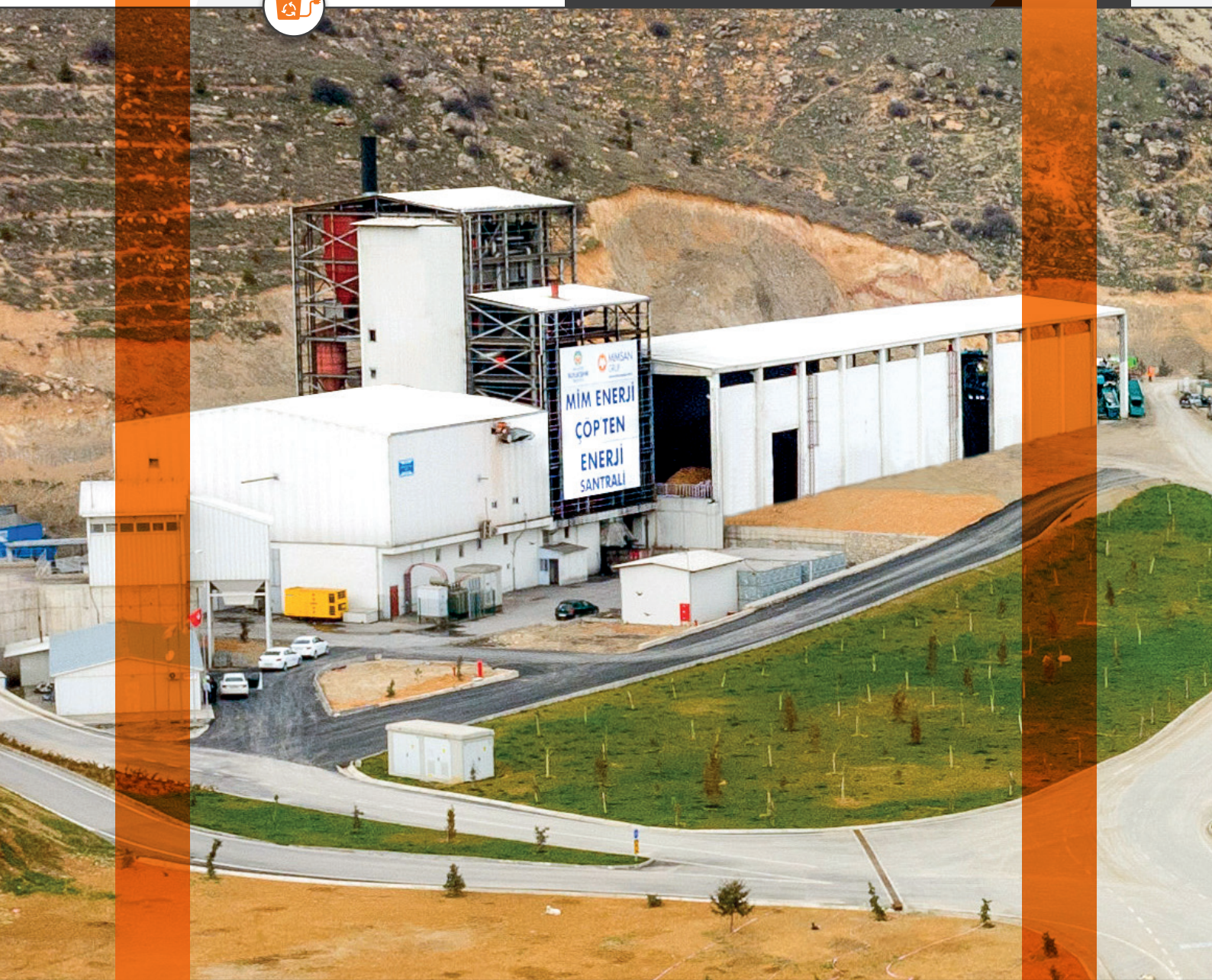
Mimsan can transform the heat energy generated by the burning of biomass into a high-pressure superheated steam form and deliver Turnkey Power Plants.



WASTE TO ENERGY PLANTS



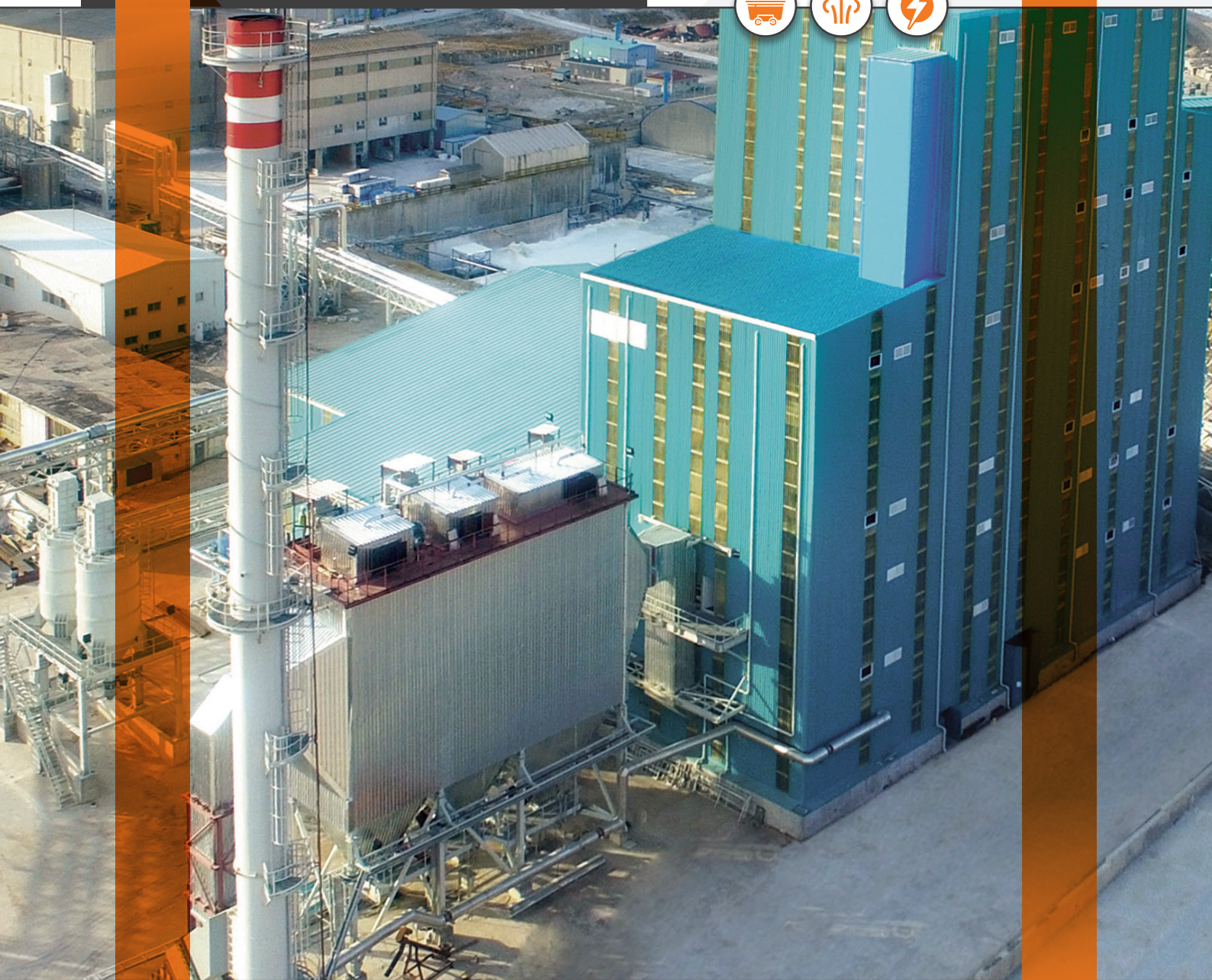
Mimsan builds Waste to Energy plants. RDF(Refuse Derived Fuel) produced from MSW (Municipal Solid Waste) is burned in high-pressure fluidized bed boilers and the produced steam is sent to the turbine to generate electrical energy.





SOLID FUEL FIRED CO-GENERATION PLANTS

MIMSAN builds New generation small size coal-fired cogeneration plants, Which uses cheap dust coal to generate, environment-friendly and safe energy.

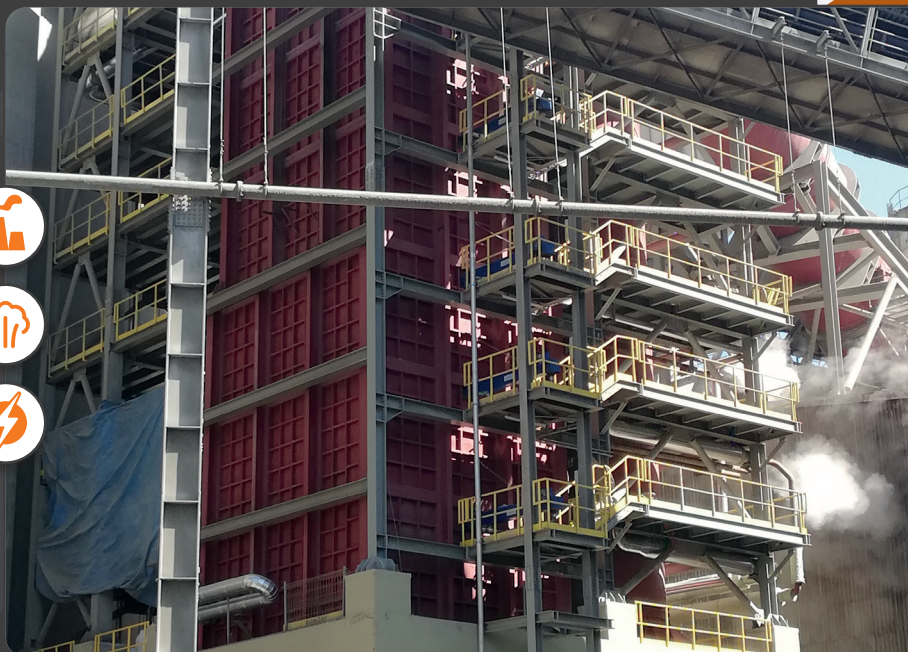


HEAT RECOVERY SYSTEMS



The energy in the waste gas can be transformed into Steam, hot water, and hot oil. The transformed heat energy; Can be used as saturated steam or it can be converted to electricity by steam and ORC turbines.

Mimsan waste heat boilers are designed as water tube or fire tube.

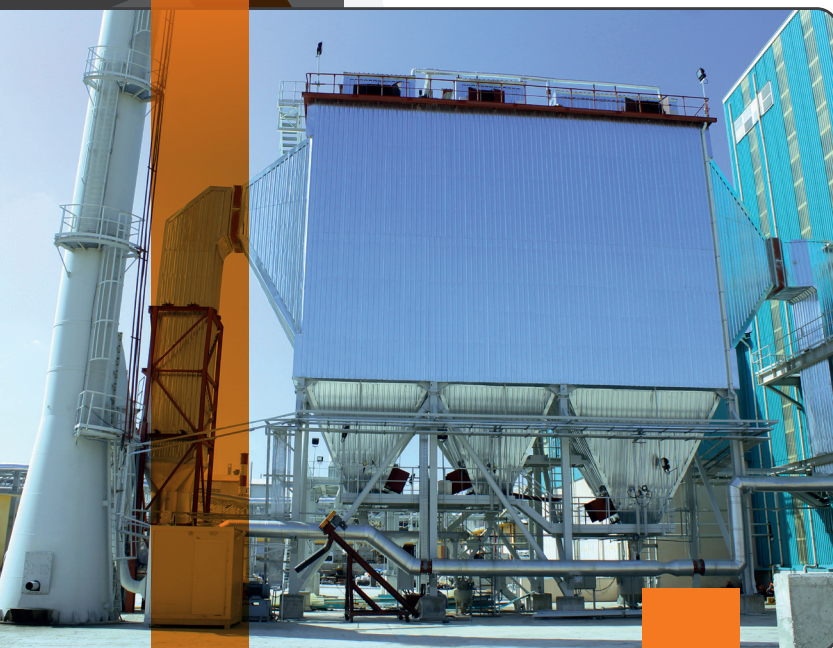




LIQUID AND GAS FUEL BOILERS

Fuel: Natural Gas, LNG, Diesel, Fuel Oil

Mimsan manufactures liquid and gas fuel water tube boilers for high capacity and high-pressure liquid & gas fuel applications in compliance with EN 12952 standards. It is possible to reach high capacities with these boilers where the steam dome is at the top and the water domes at the bottom and the water is circulating in the membrane walls



FLUE GAS FILTRATION SYSTEMS

Electrostatic precipitator works with static electricity principle. The dust collected on electrodes are periodically shaken and the dust is collected in the bunker. It provides, low maintenance & service cost, easy operation and better emission performance

ENERGY IS LIFE

We manufacture in accordance
with international standard such
as **ISO, CE, EN, BSI, SZUTEST,
ASME, TSE, BUREAU VERITAS.**



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