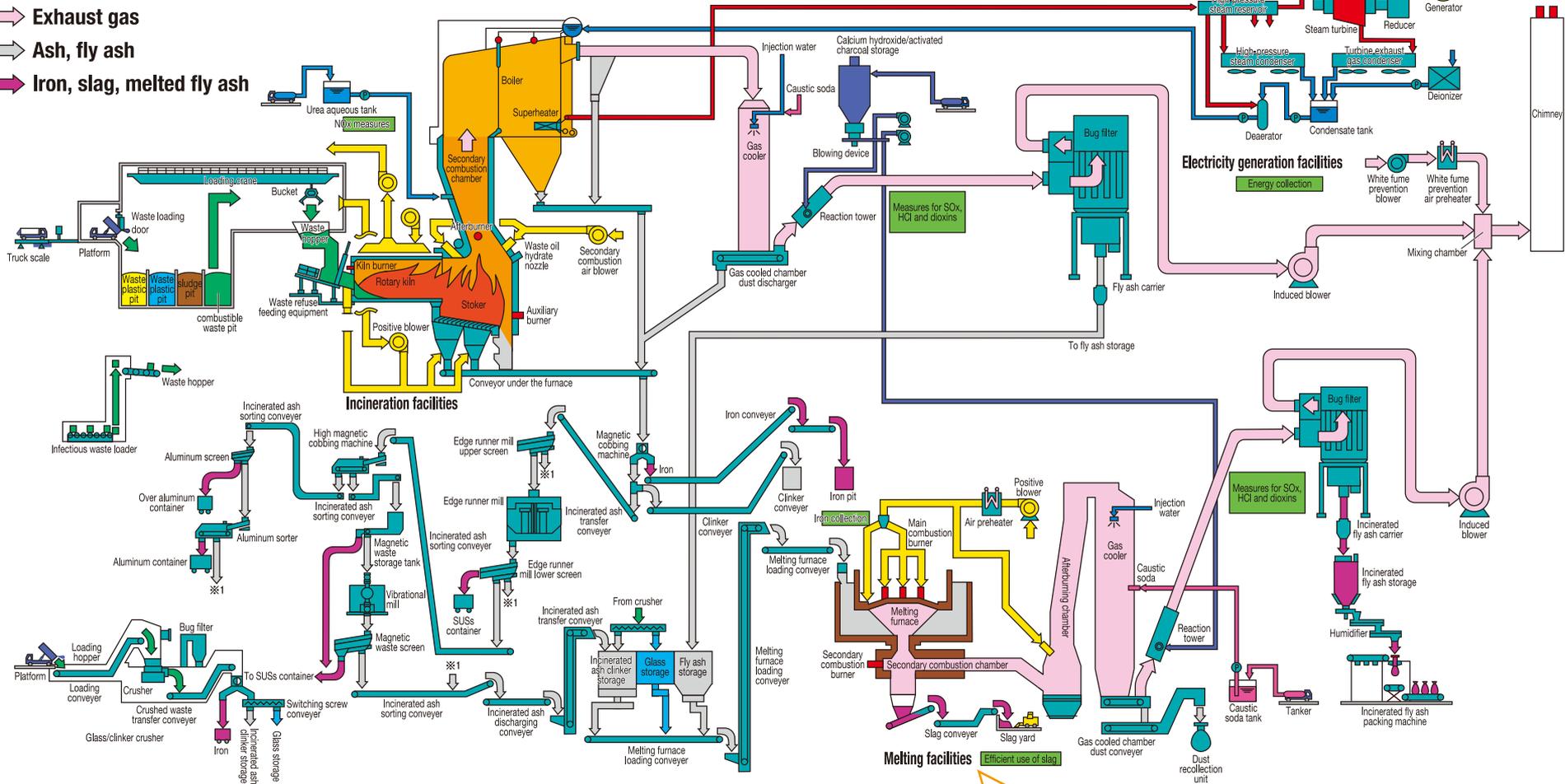


Flow of disposal at SINCERE Shinagawa RC Center

Legends

-  Waste
-  Air
-  Exhaust gas
-  Ash, fly ash
-  Iron, slag, melted fly ash



Thermal recycling

At SINCERE Shinagawa RC Center, we reuse a great deal of the heat energy generated during the incineration as electric energy within the facilities. Our steam turbine generator using high-temperature steam has the capacity to generate up to 990 kW per hour of electricity.



Material recycling

Ash and fly ash are melted in rotary surface melting furnaces for volume reduction and detoxification. Melted slag generated is reused as materials for engineering, construction and ceramics.

