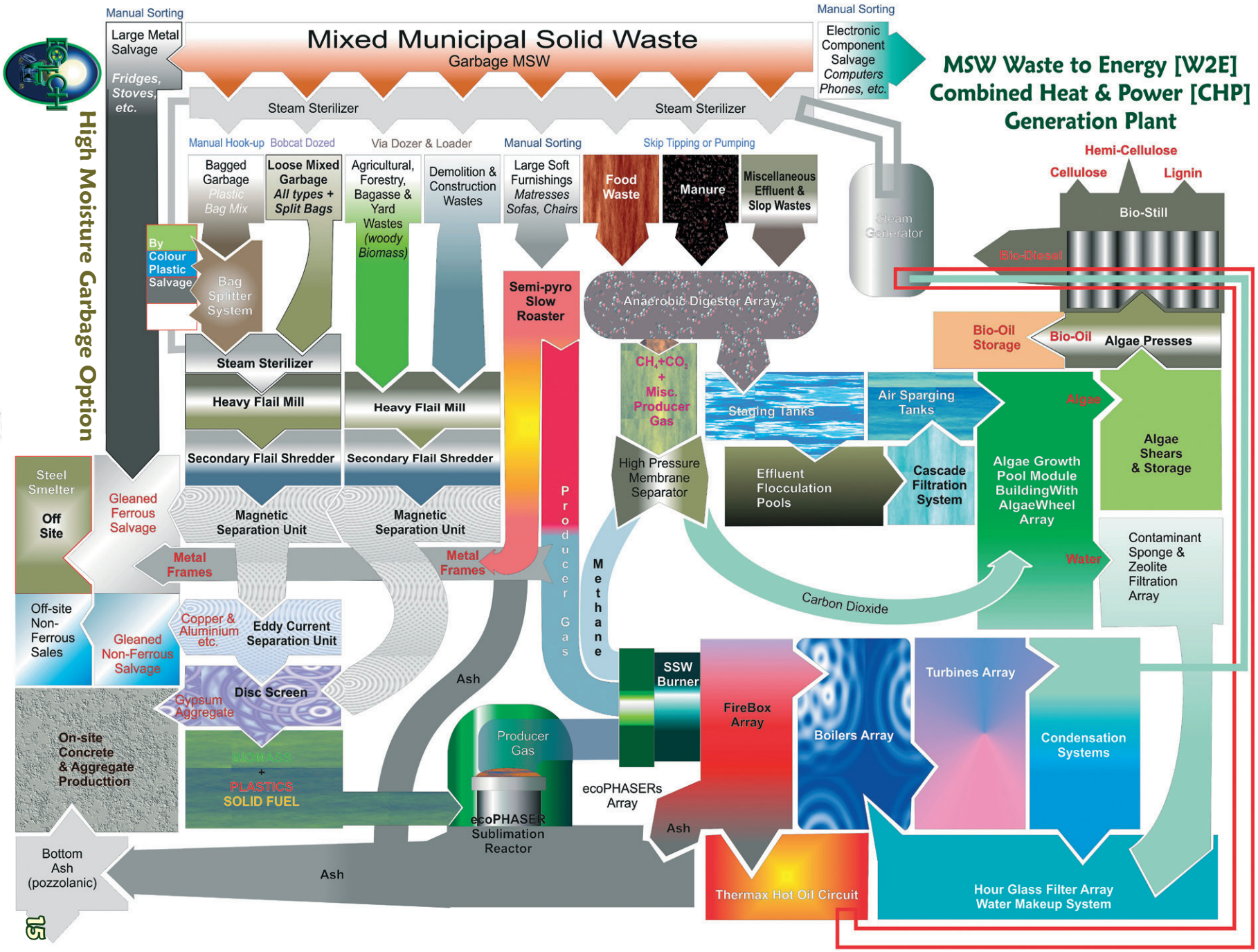
MSW Waste to Energy [W2E]
Combined Heat & Power [CHP]
Generation Plant
High Moisture Garbage Option
Mixed Municipal Solid Waste
Garbage MSW
Manual Sorting
Large Metal Salvage
Fridges, Stoves, etc.
Manual Sorting
Electronic Component Salvage
Computers Phones, etc.
Steam Sterilizer
Steam Sterilizer
Manual Hook-up
Bobcat Dozed
Via Dozer & Loader
Manual Sorting
Skip Tipping or Pumping
Bagged Garbage
Plastic Bag Mix
Loose Mixed Garbage
All types + Split Bags
Agricultural, Forestry, Bagasse & Yard Wastes
(woody Biomass)
Demolition & Construction Wastes
Large Soft Furnishings
Matresses
Sofas, Chairs
Food Waste
Manure
Miscellaneous Effluent & Slop Wastes
By Colour Plastic Salvage
Bag Splitter System
Steam Sterilizer
Heavy Flail Mill
Heavy Flail Mill
Secondary Flail Shredder
Secondary Flail Shredder
Magnetic Separation Unit
Magnetic Separation Unit
Steel Smelter
Off Site
Gleaned Ferrous Salvage
Metal Frames
Metal Frames
Off-site Non-Ferrous Sales
Gleaned Non-Ferrous Salvage
Copper & Aluminium etc.
Eddy Current Separation Unit
Gypsum Aggregate
Disc Screen
On-site Concrete & Aggregate Producttion
BIOMASS
+
PLASTICS
SOLID FUEL
Bottom Ash (pozzolanic)
Ash
Ash
Semi-pyro Slow Roaster
Producer Gas
Methane
Producer Gas
ecoPHASER Sublimation Reactor
Anaerobic Digester Array
CH_4+CO_2 + Misc. Producer Gas
High Pressure Membrane Separator
Staging Tanks
Air Sparging Tanks
Effluent Flocculation Pools
Cascade Filtration System
Steam Generator
Hemi-Cellulose
Cellulose
Lignin
Bio-Still
Bio-Diesel
Bio-Oil Storage
Bio-Oil
Algae Presses
Algae
Algae Growth Pool Module BuildingWith AlgaeWheel Array
Algae Shears & Storage
Water
Contaminant Sponge & Zeolite Filtration Array
Carbon Dioxide
SSW Burner
ecoPHASERs Array
Ash
FireBox Array
Boilers Array
Turbines Array
Condensation Systems
Thermax Hot Oil Circuit
Hour Glass Filter Array Water Makeup System