

**英雄的中国人民加油，武汉加油**

**United by love, we are all with you.**

# Modular Solution For Waste Burned To Energy in a Community



Modular Solution for Waste Burned To Energy in a Community

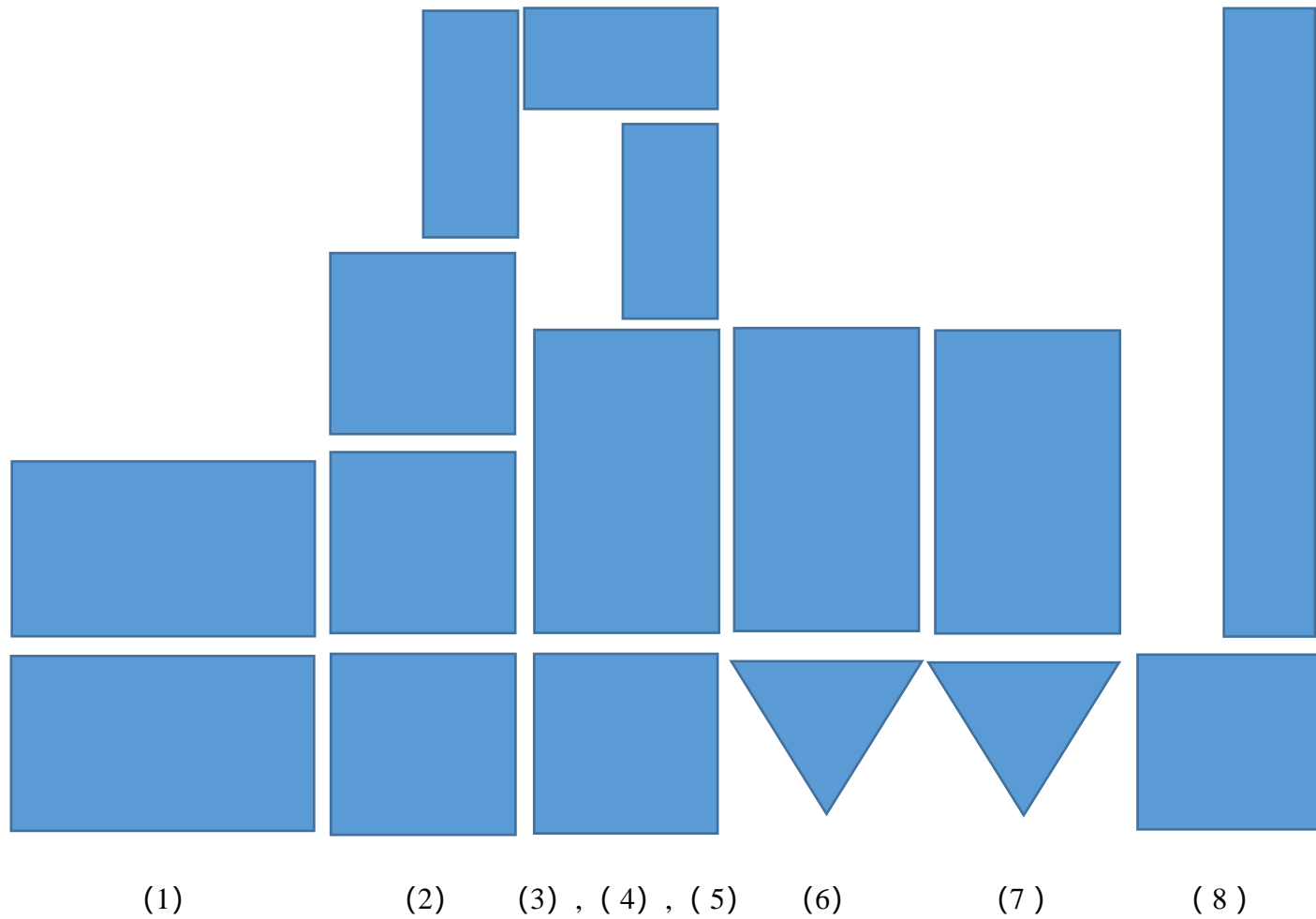
Cenith Energy Corp.

## Summary

At present, the atmospheric conditions of some Chinese cities, such as those in Wuhan and other places, are becoming increasingly serious due to the rapid increase of SOX, NOX, COX, OX, heavy metal particles, inorganic and organic compounds such as SOX, VOC and CHX floating in the atmosphere. Especially when the epidemic is raging, people's health is seriously threatened. Therefore, we will provide free consultation and design guidance for relevant communities in China for their professional and fast garbage modular community and life treatment, so as to minimize the second large-scale air pollution.

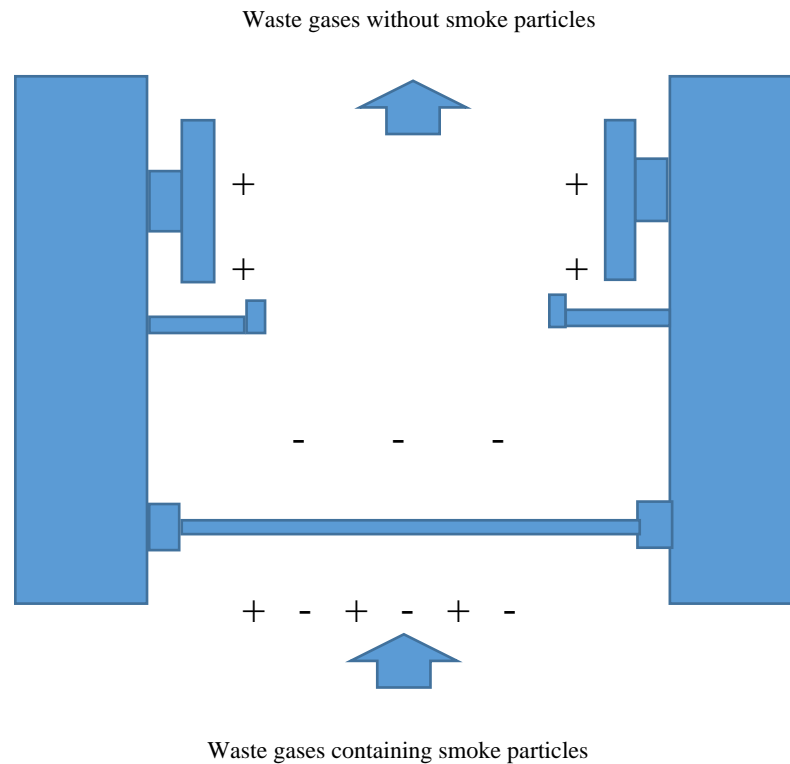
This article was drafted by the company's Dr. Li, Jason, consulted by Dr. Tang, Youzhi, and reviewed by researcher Sam Qin and published.

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- Organic and inorganic waste should be sorted and placed in a storage area (1), then picked up by a grapple and placed in a funnel (2).
- The garbage is gradually pushed into the incinerator (3). The temperature of the incinerator is above 800 degrees Celsius.
- The heat from the burning waste is used in the boiler (4), and the steam from the boiler is sent to a turbine generator to generate electricity.
- The heaviest ash falls into the collection point (5) and passes with the electromagnet to extract the metal components for recycling.
- The fine ash-containing flue gas is then passed through a scrubber reactor (6) to treat acidic pollutants such as SO<sub>2</sub> and dioxins.
- The gas then passes through the ESP electrostatic precipitation system, please see below (7), and the treated flue gas is released through the chimney (8) out the air by a fan system.

## Electrostatic Precipitator



1. Smoke particles pick up a negative charge.
2. Smoke particles are attracted to the collecting plates.
3. Collecting plates are knocked to remove the smoke particles.

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Thanks for watching

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