

Humans have produced 9 Billion tons of plastic and counting, with only a little reused or recycled. Much ends up in Landfills & Oceans.

In Oceans what is called the "Great Pacific Garbage Patch" is three times the size of Spain, and four times the size of Japan.

# Current Circumstances and our solution

Plastics which used to be an innovative invention were produced 320 million ton or more worldwide every year. After used, they should be completely reused or recycled, but many of them are thrown away into the ocean. Plastic takes several hundred or thousand years to be decomposed. As a result, the polluted area in the ocean, what we call "Great Pacific Garbage Patch", is three times as large as Spain's land area, and four times as Japanese land area.



Landfilled?

Circular Economy is never achieved (Plastic is never reused)



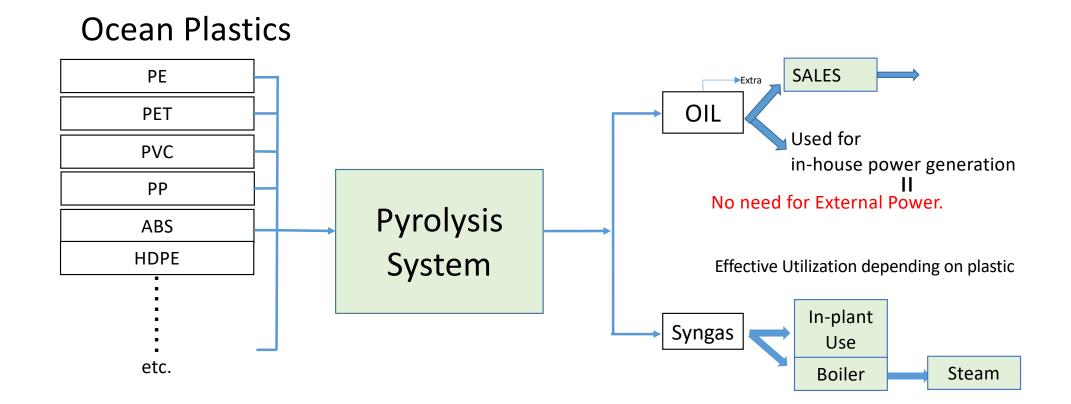
Combusted/Incineration ?

Massive amount of dioxin\* is emitted due to salt attached on the garbage.

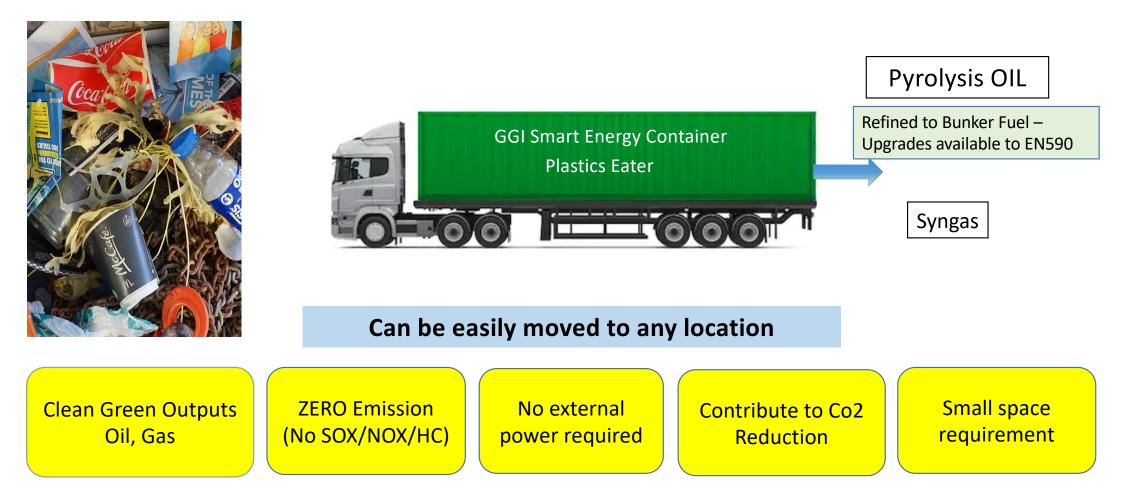
(16 times as much as general garbage) \*Dioxin is generic name of compound group which three compounds combine with chlorine.

## Our system only gives solution.

## **GGI Ocean Plastic Treatment System**



### Advantages of GGI Smart Container System



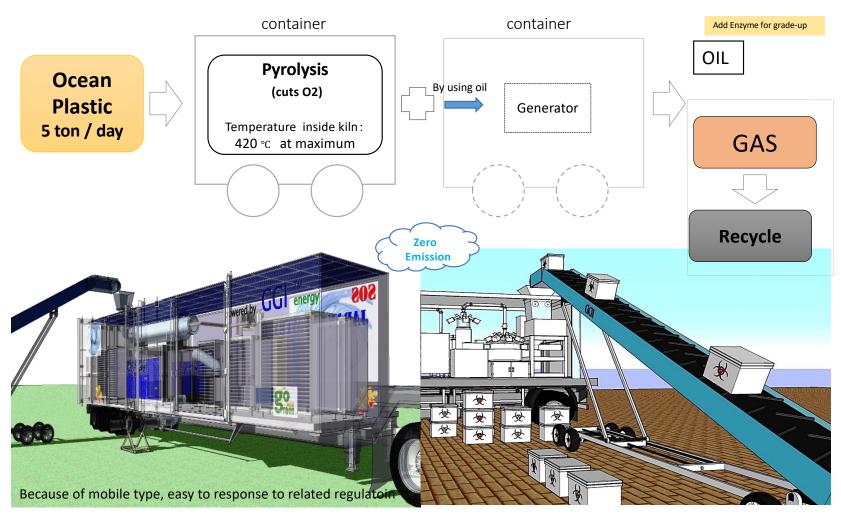
Further Advantages Of our pyrolysis technology

# Patented Technology !

Performance Guarantee for 2 years ! + Product Liability (Tokio Marine & Nichido Insurance Co., Ltd, Nippon-Koa Insurance)

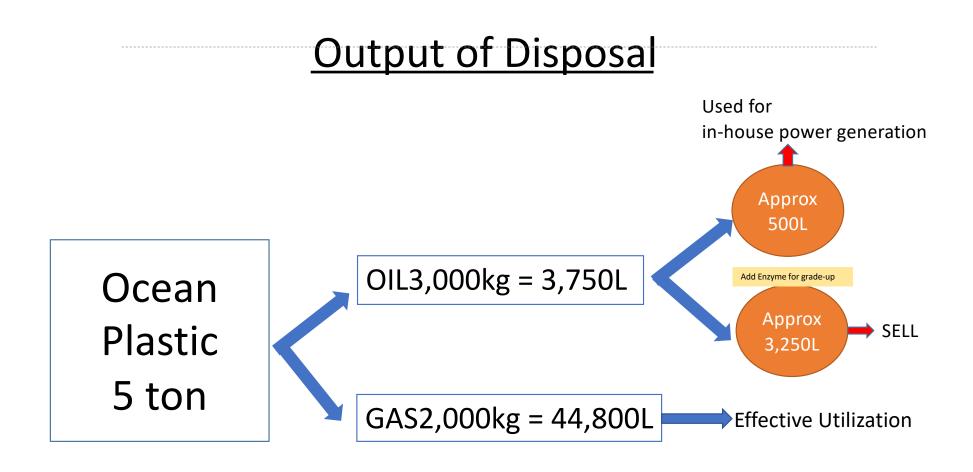
Technology approved ! by Japanese Government

#### = Innovative System for WASTE to ENERGY = = MOBILE =

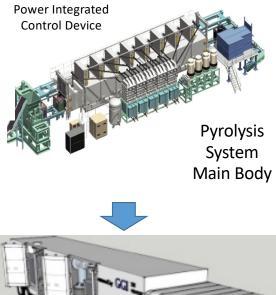


"Low cost, Rapid, Easy, Reliable, and Safe"

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# GGI Smart Container

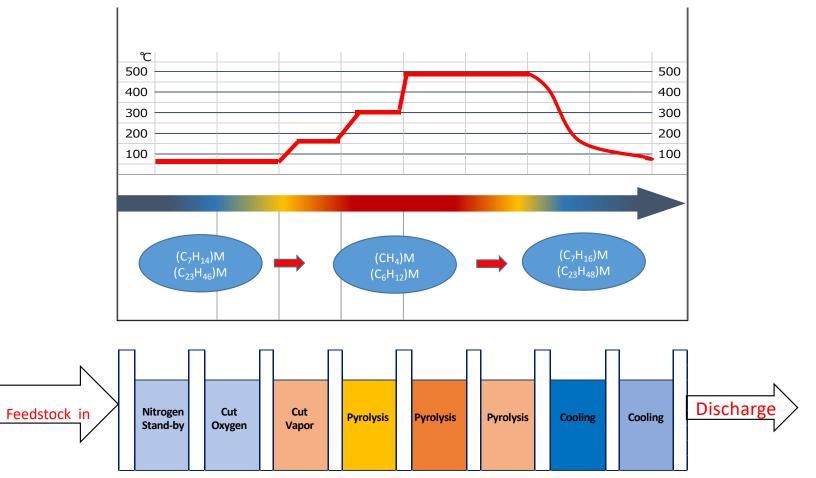












### Flow Chart and change in Temperature

### **Business Model**

#### Unit cost – USD\$

Plus In Country Taxes and shipping. Opex – 2 x Operators No external power consumption Location costs

#### Revenue streams

- Daily Sales of Bunker Fuel 3250 Litres per day 350 days per year = 1,137,500 Litres per year
- Sponsorship Ideal opportunity for corporate sponsorship
- Tipping charges/Gate Fees



Mobility enables flexibility of location



The "GGI Smart Energy Container" is the latest product to be added to the GGI Waste to Energy family, to review the whole range of Green Waste to Energy solutions visit our web site <u>www.ggienergy.com</u>