



it is an international patent technology to process waste which allows, through a molecular disintegration process, to obtain the elementary components of a particular matter.

i-ONE is a technology to do business from waste.



The approach of i-ONE to the market

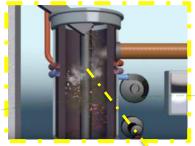
Very few machines guarantee the correct balance between theoretical research and real production data.

The chemical reactions, which take place within the waste transformation processes, require a perfect control of the thermal factors and ionization of the atom that allow our customer a constant industrial profitability.

The long experience in the sector allows us to create efficient machines that guarantee the production of derivatives from waste, constant, profitable and, fundamental objective, in compliance with international anti-pollution regulations.

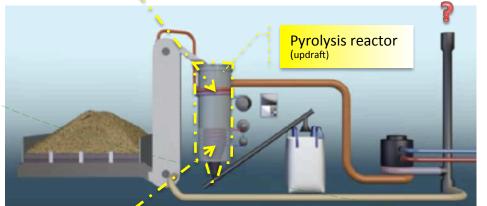
This is **i-ONE**'s answer to strategic waste management.

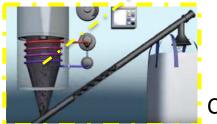
In a conventional pyrolysis system











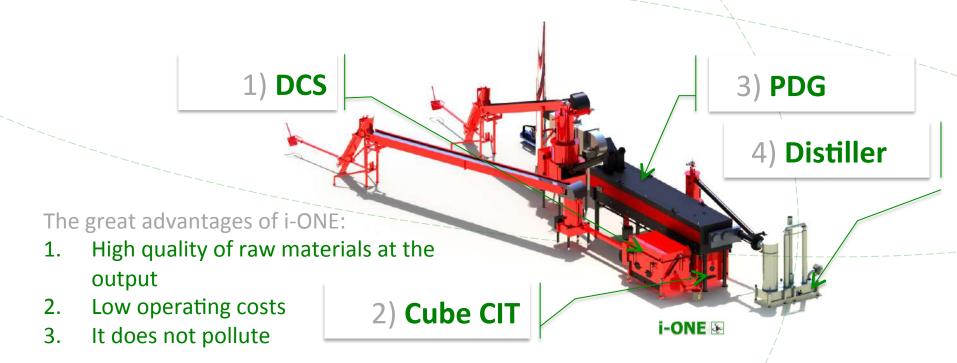
Carbon

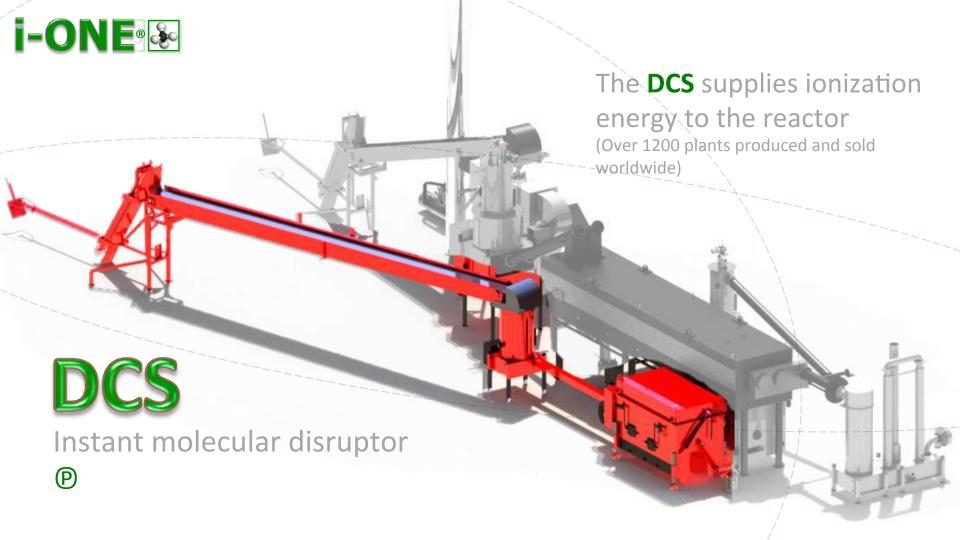
all reactions take place within a single reactor, for this reason there is not a good control of the reaction temperature and this causes:

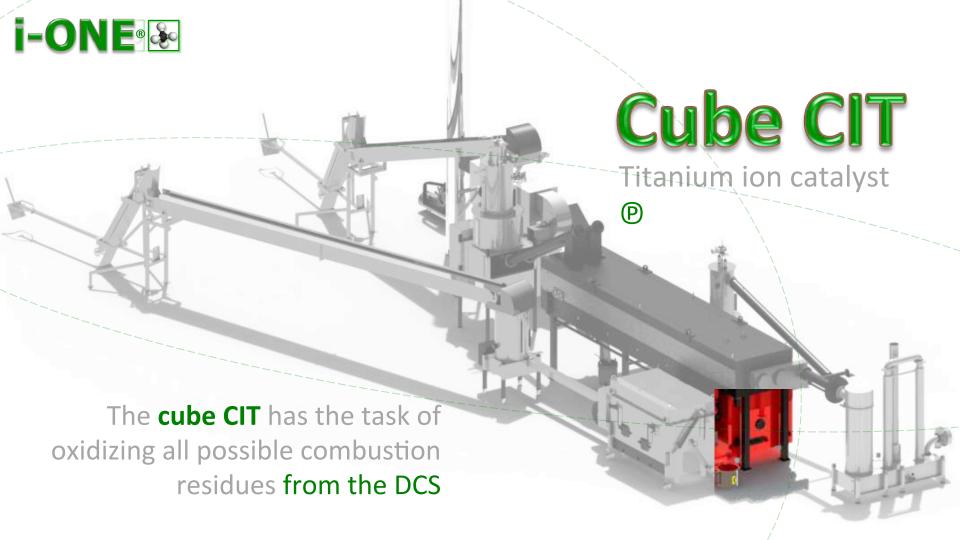
- 1. Low quality of the output products (gas and coal)
- 2. Production of dangerous pollutants in the atmosphere
- 3. Low production yield

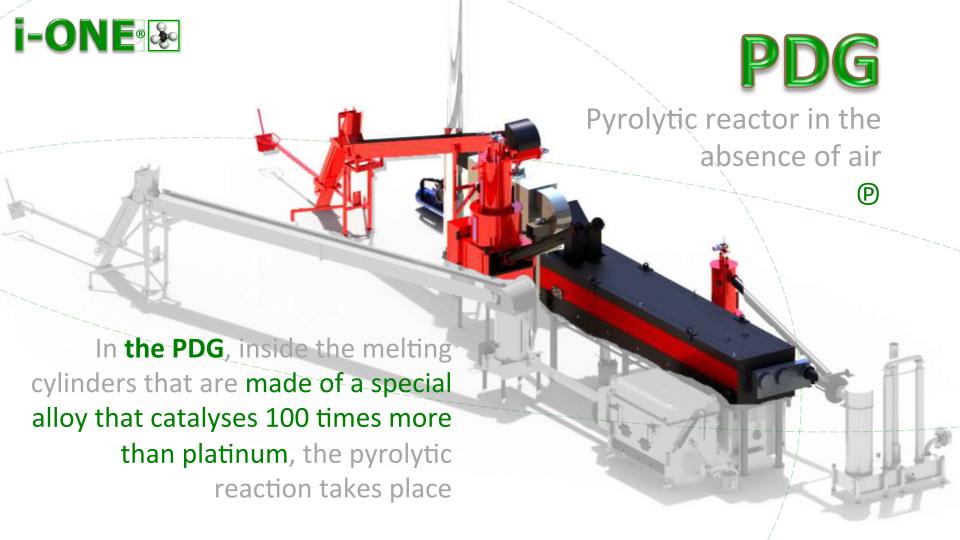


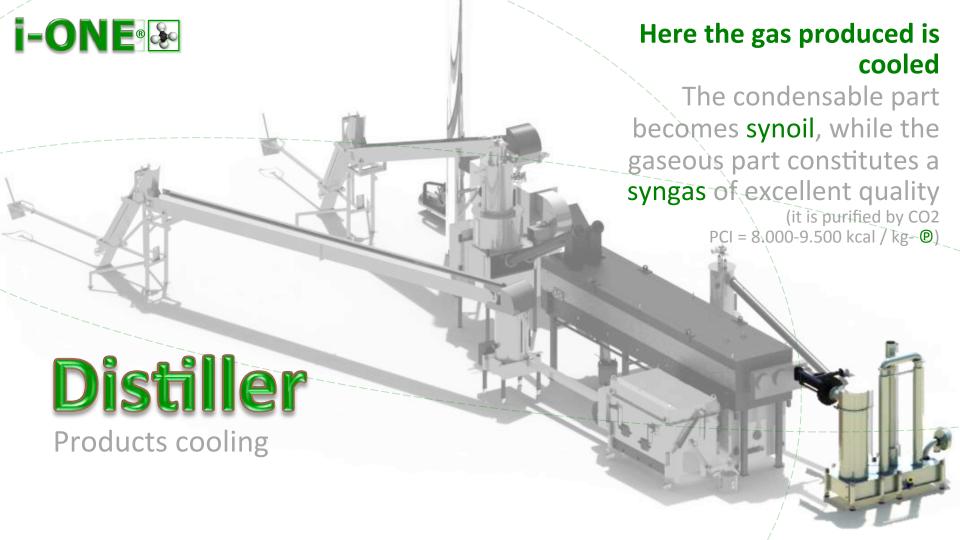
It is the synergistic union of four machines

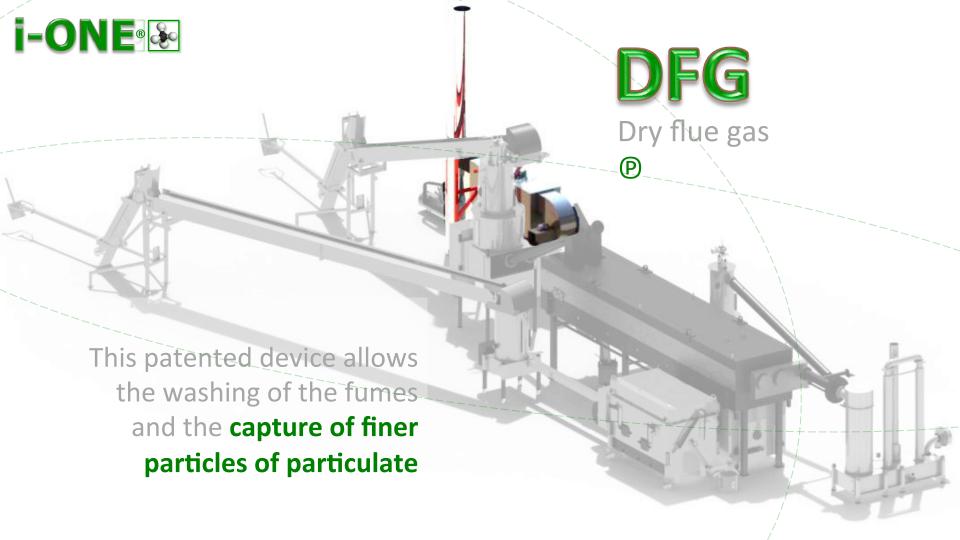




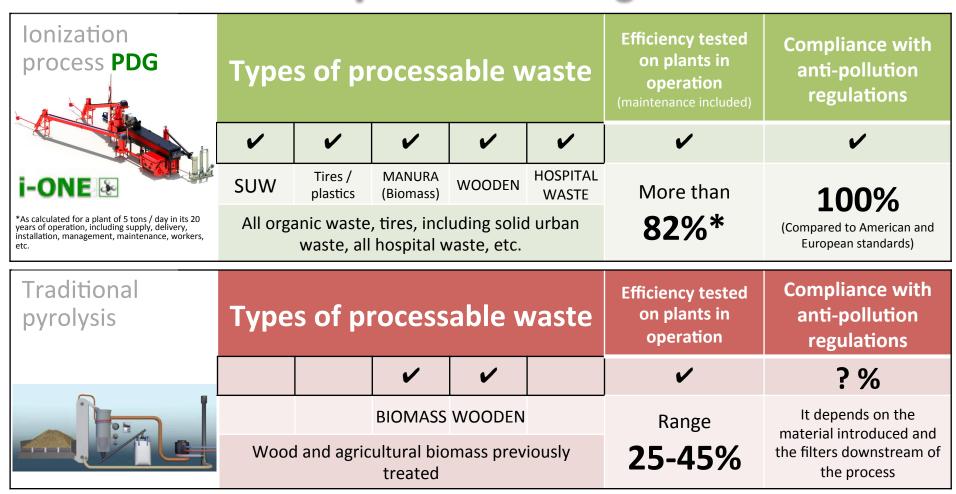








Comparison technologies





Through a patented production process the plant breaks down the raw materials of which the waste was composed.

1. Synthetic oil (diesel)

2. Gas

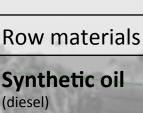
3. Active coal

4. Metals

Rubbish dump business's

E.g. Rubbish dump

With a medium plant you can produce the following Kg.:



Month/kg.



PDG 1000 PATENT

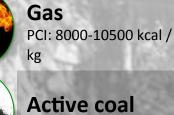
Synthetic oil PCI: 8000-9500 kcal / kg







Year/kg.







137.760,00 1.653.120,00





PCI: 6000-8000 kcal / kg Metals



8.400,00

235.200,00

33.600,00

134.400.00



1.612.800,00













Water



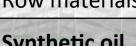
With a medium plant you can produce the following Kg.:



PDG 1000 PATENT

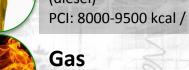
E.S. PUU		
Row materials	Day/kg.	Mont

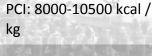
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Row materials	Day/k
The second second	



Synthetic oil

(diesel) PCI: 8000-9500 kcal / kg









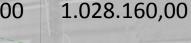


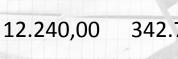




th/kg.

85.680,00









Year/kg.





5.100,00

3.060,00

142.800,00

100.800,00

1.713.600,00











3.600,00

1.209.600,00

Rubber business's scenery

With a medium plant you can produce the following Kg.:



PDG 1000 PATENT

E.g. Ruk	ber t	reatme	nt
Row materials	Day/kg.	Month/kg.	Yea

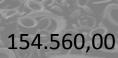
8.640,00

1.680,00

Row materials	Day/kg.	Mor
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(diesel) PCI: 8000-9500 kcal / kg

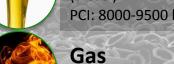
5.520,00

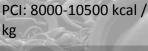


241.920,00

47.040,00







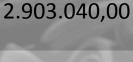
8.160,00

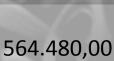
228.480,00

2.741.760,00











Water



