

# Input: 22.000 ton Non-recyclable waste



Windmill blades



Polyester boats/tanks



Artificial grass waste



Car shredder residu



Bitumen waste



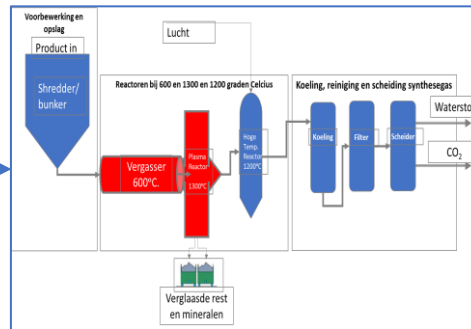
Oxygen



Own process heat/  
Green electricity



**Green H<sub>2</sub>**  
~5.000 t/y (~227 kg/t waste)  
99.999% pure  
= ~196.000 MW  
= ~19 million m<sup>3</sup> Natural gas



Rotating kiln gasifier (600 °C.)  
followed by a  
Plasma reactor (1400 °C.)

**Liquid CO<sub>2</sub>**  
~ 50.000 t/year =  
Foodquality e.g.  
for greenhouses.

