



@IngeliaHTC

High quality biocarbon from waste



The waste sector as a source of raw materials



LANDFILLING CAUSES 5% OF GHG EMISSIONS

Globally, most waste (66%) is dumped or disposed of in landfills.

INDUSTRIES REQUIRE BIOGENIC COAL SUBSTITUTES

No good substitute for industrial fossil coal

Industrial coal consumption causes 2~3 Gton of CO₂_{eq}/year





@IngeliaHTC Process works like an acceleration of the natural formation of coal

50-85% humidity

HTC: 4-6 hours, 210°C, 20 Bar

Certified products



Food waste



Agro waste



Sewage sludge



Urban biowaste



Green waste



Biocarbon

Yield: 52-60% dm

C: >50%

LHV: 20-24MJ/kg



Fertilized water

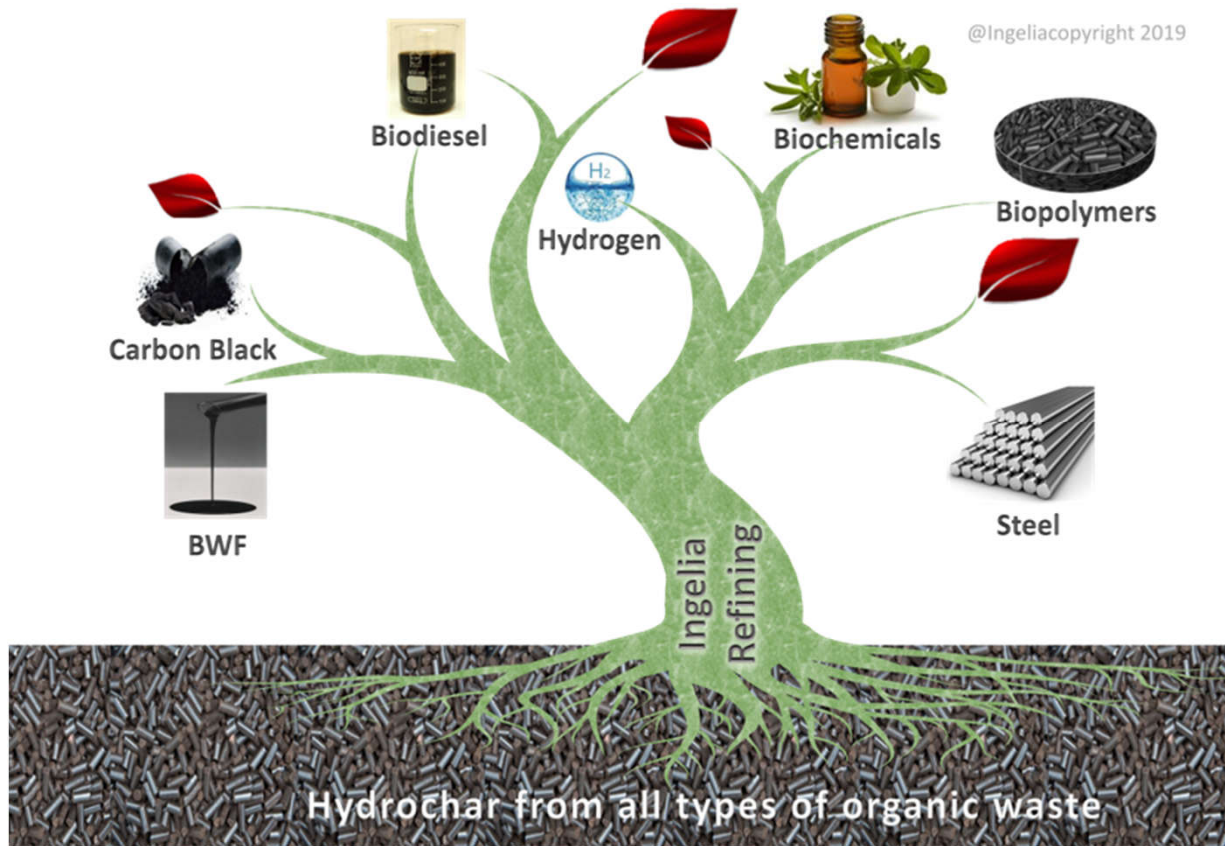
Solids: 2-4% db

N: 1-4% db

Recovery of **high quality carbon** materials

Solid biofuel
according to
ISO-17225/8

Biomethane production from process water (12NI/I)



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Most advanced commercial deployment in the HTC sector with 65% market share

Own plant in operation since 2010



UK Plant in operation since 2018



Belgium Plant commissioned in 2022



Plants under commercialization in Europe