

PYROCHAR

Sewage Sludge Valorization by Pyrolysis & Syngas Clean-Up for small WWTP



PYROLYSIS BASED
PROCESS TO CONVERT
SMALL WWTP SEWAGE
SLUDGE INTO USEFUL
BIOCHAR

EU FP7 Project for SMEs
(2013-2015)



CONTACT

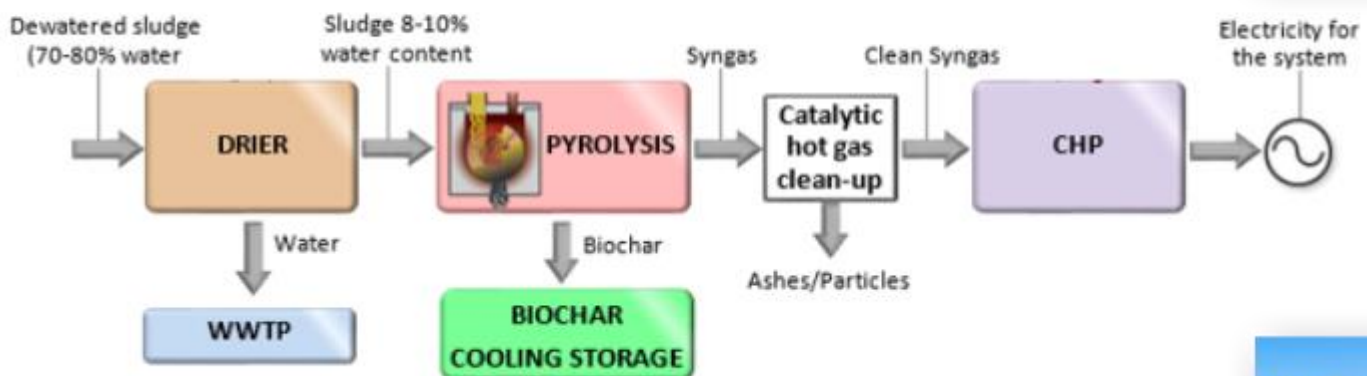
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VISIT OUR WEBSITE
<http://pyrochar.eu>



Complete solution for the production of *electricity* and *biochar*
from *sewage sludge*



PYROCHAR

Sludge water content reduced to < 10% in sludge dryer

Patented BIOGREEN® process used to pyrolyze dry sludge, main products: biochar & syngas

Syngas cleaned in novel high temperature catalytic filter

Cleaned syngas burnt in CHP system, products: electricity, hot exhaust gas to power dryer

Small system footprint - fits in 40ft container

Overall process optimized - advanced control system

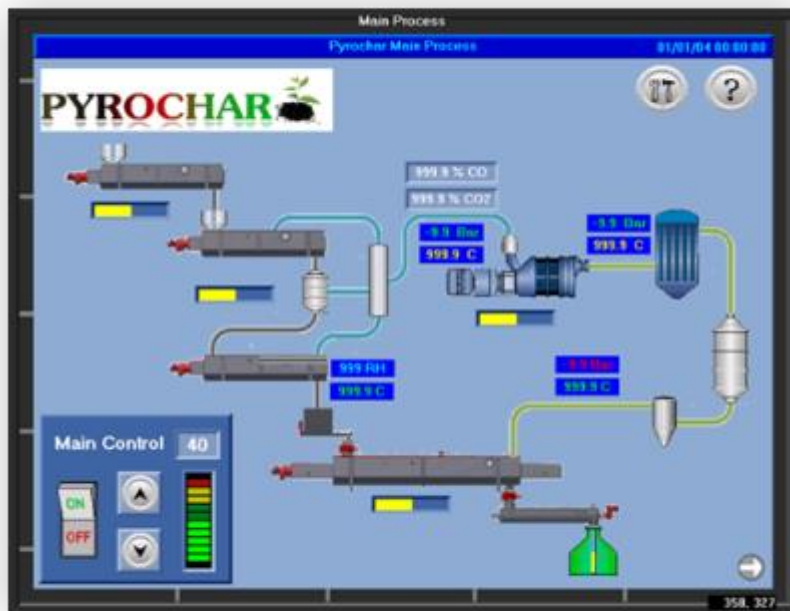
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Enviro-Pharm



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[HTTP://EC.EUROPA.EU/RESEARCH/REA](http://ec.europa.eu/research/rea)
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