

# **DRYTARS**

**Biomass Gassification Solutions**

**Syngas cleaning**

**Tar and char removal  
from wet scrubber slurry**

**Industrially Proven  
Commercially Available**



**Recovered liquid is  
suitable for reuse  
in process.**



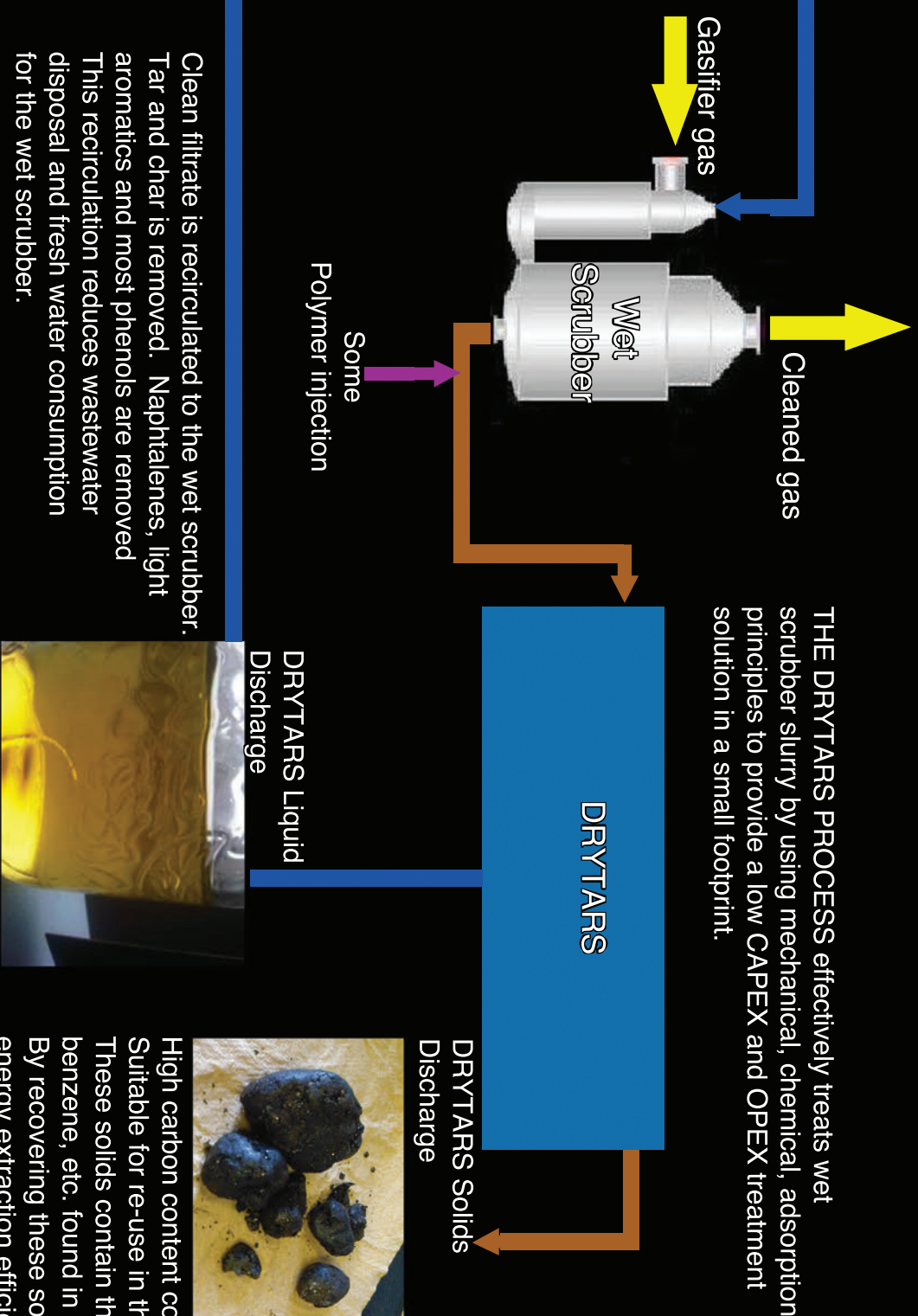
**Fuel-grade recovered  
solids suitable for  
gasification**

# DRYTTARS

## PROCESS FLOW DIAGRAM

**PATENT  
PENDING**

THE DRYTTARS PROCESS effectively treats wet scrubber slurry by using mechanical, chemical, adsorption, principles to provide a low CAPEX and OPEX treatment solution in a small footprint.



Clean filtrate is recirculated to the wet scrubber. Tar and char is removed. Naphthalenes, light aromatics and most phenols are removed. This recirculation reduces wastewater disposal and fresh water consumption for the wet scrubber.



DRYTTARS Liquid Discharge



DRYTTARS Solids Discharge

High carbon content coal-like solids. Suitable for re-use in the gasifier. These solids contain the tar, chars, toluene, benzene, etc. found in the wet scrubber slurry. By recovering these solids we increase the energy extraction efficiency of the gasification process.

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