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## Supercritical water gasification of wastes from the paper industry

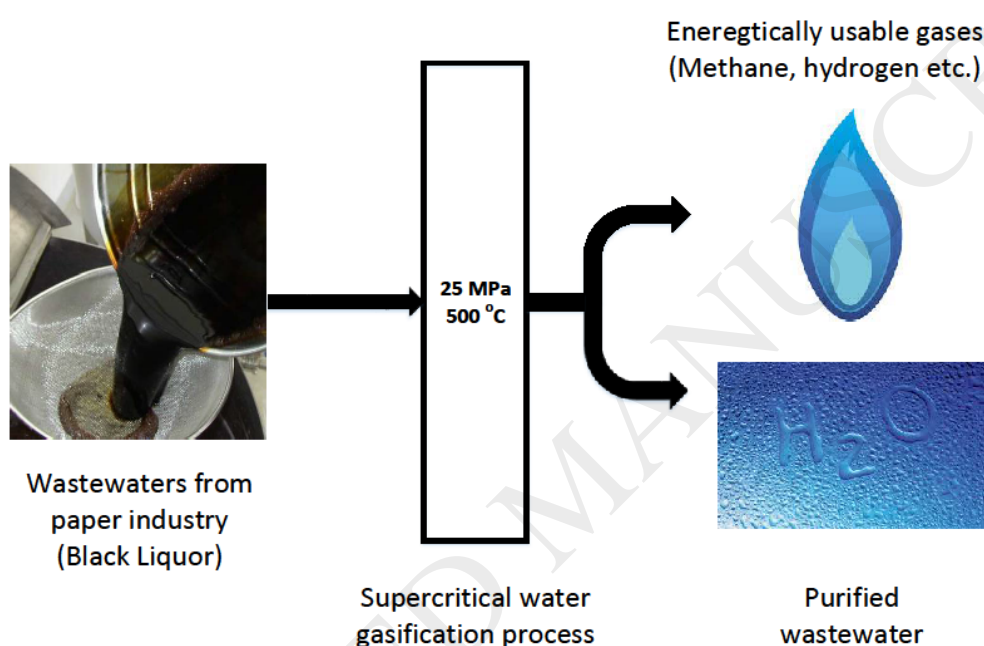
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### Graphical abstract



### Highlights

- SCWG of tall soap proved positive effect of longer residence time.
- During gasification of tall soap two liquid immiscible phases occurs.
- SCWG of black liquor shows large amount of carbon solid particles created.
- Temperature of 500 °C was not high enough for SCWG of tall soap and black liquor.

**Abstract**— *Supercritical water gasification (SCWG) is a process that has been examined in the past years for its potential implementation in waste treatment technologies. SCWG can convert organic waste streams from industrial activities into energy. A one of a kind vertical continuous apparatus was constructed at UCT Prague for*

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