

# Biorizon

*The way to aromatics*

## The Profitable Way to Thermochemical Bio-Aromatics production

Do you want to contribute to a better world whilst staying ahead of the competition? Join our transition toward functionalized bio-aromatics. Shared Research Center Biorizon, powered by TNO, VITO, ECN and Green Chemistry Campus, works with partners to develop technologies to produce aromatics from biomass. This reduces dependence on petroleum, results in less CO<sub>2</sub> emission and offers profitable prospects.

► In Horizon 1 Biorizon co-initiator ECN focuses on thermochemical routes for the production of functional and bulk bio-aromatics. The Milena gasification and Olga tar removal technologies produce a promising BTX side stream, our new demo produces up to 10 kg/hr of biobased BTX for your application testing. Furthermore we have lab- and

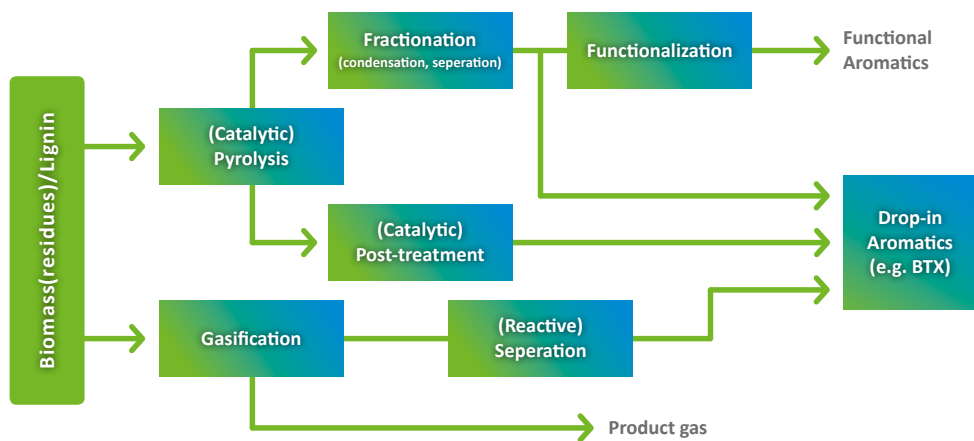
pilot facilities for (catalytic) pyrolysis of lignin rich streams. A broad spectrum of analytical expertise and equipment is available to assess your product samples. Tunable cellulose and lignin samples can be obtained from our patented low temperature acetone based organosolv technology, Fabiola. Interested? Please contact us!



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## ► Thermochemical Bio-Aromatics production



► Biorizon is powered by:

**TNO** innovation  
for life

**vito**  
vision on technology

**ECN**

**GREEN  
CHEMISTRY  
CAMPUS**

Please join us at [www.biorizon.eu/community](http://www.biorizon.eu/community)