

Hydrothermal Processing System Photographs

Shown in order of size for current systems

Status of Scale-Up

- **As shown in the following photos, Hydrothermal Processing systems have been built at six sizes in a steady progression of scaling up**
- **This experience gives high confidence in further scale-up**
- **The largest currently operating system is a pilot plant which processes 1 metric t/d of wet feedstock**
- **The next system will expand this scale 2x to 3x (depending on feedstock) in late 2015**
- **Larger systems are planned in 2016**

Pilot Scale System

**Processes One Metric Ton per Day of Wet Feedstock
Producing Both Biocrude Oil and Methane Gas**



Technology Demonstration Unit



Skid-Mounted Gasifier Unit



Trailer-Mounted System



Bench-Scale Oil and Gas System (New)



Bench-Scale Oil and Gas System (Old)



Micro Continuous Reactor System

