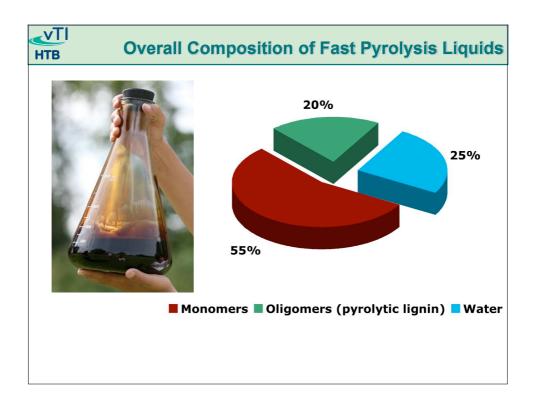
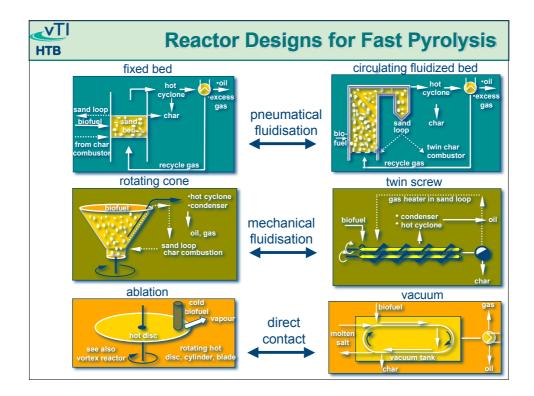
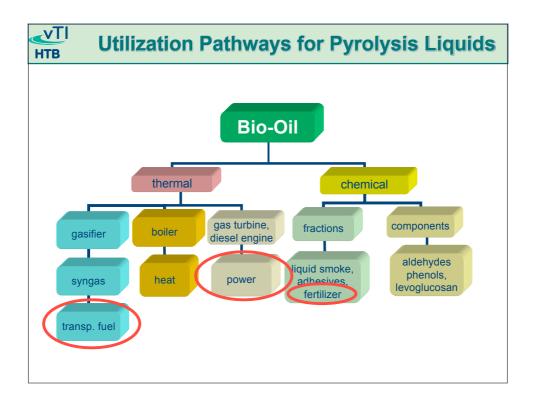
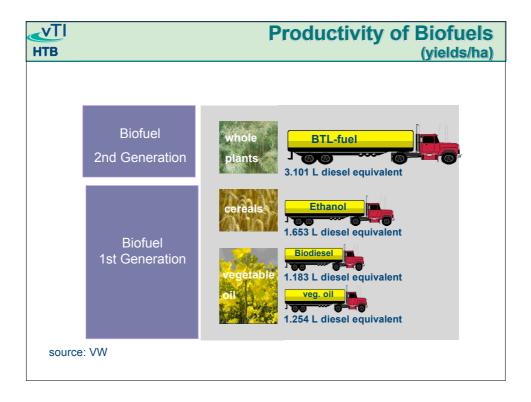


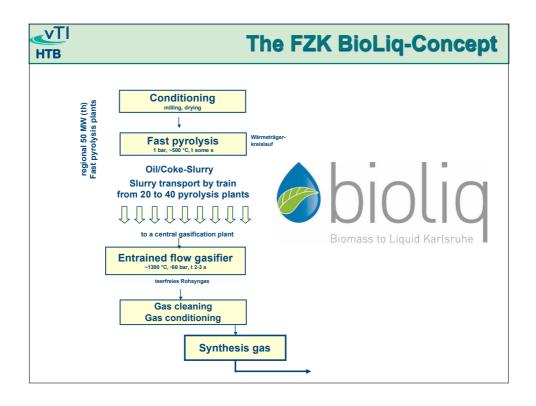
HTB	BCO		BCO Properties
Analysis	Pyrolysis liquids	Light fuel oil (Tempera 15)	
Water, wt %	20-30	0.025	
Solids, wt %	0.01-1	0	9-2 mm
Ash, wt %	0.01-0.2	0.01	1 250 mi 250
Nitrogen, wt %	0-0.4	0	230
Sulfur, wt %	0-0.05	0.2	- 210
Stability	Unstable	Stable	170
Viscosity (40 °C), cSt	15-35	3.0-7.5	350
Density (15 °C), kg/dm ³	1.10-1.30	0.89	330
Flash point, °C	40-110	60	50
Pour point, °C	-936	-15	
LHV, MJ/kg	13-18	40.3	
pН	2-3	Neutral	
Distillability	Not distillable	160-400 °C	

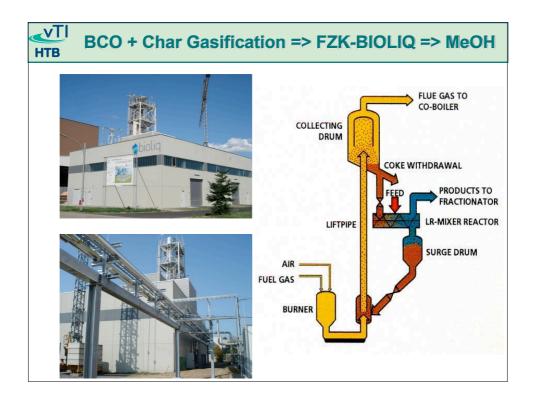


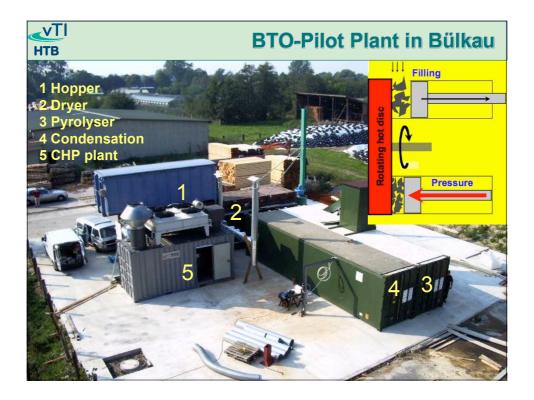


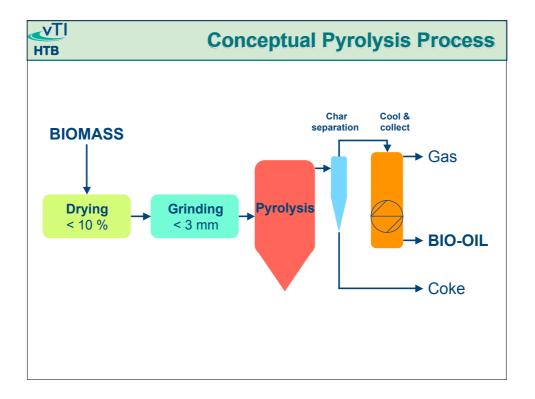


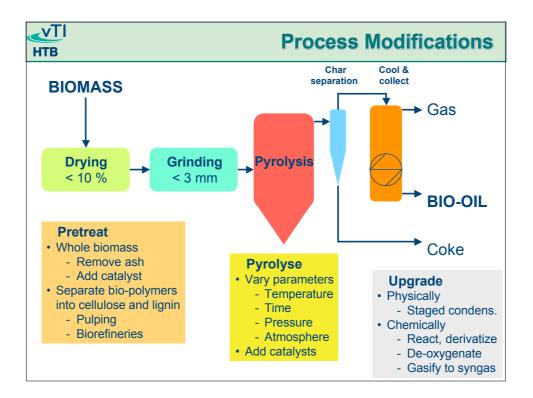


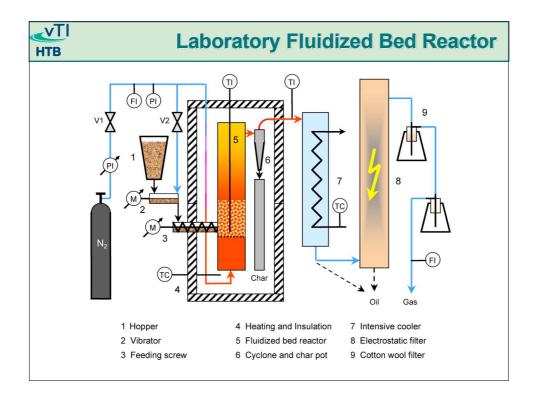


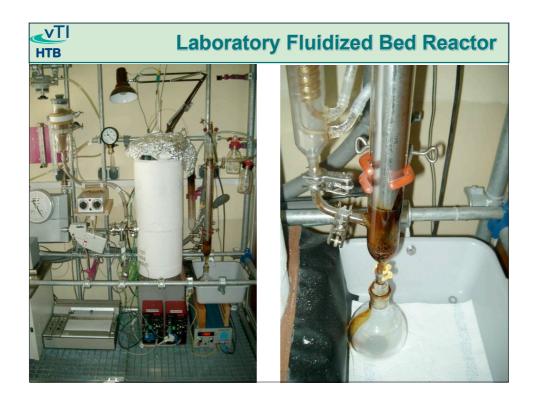


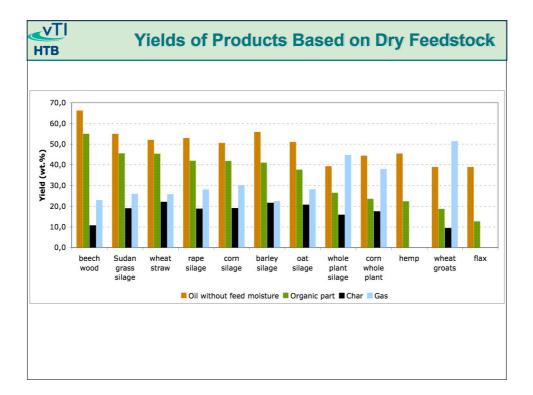


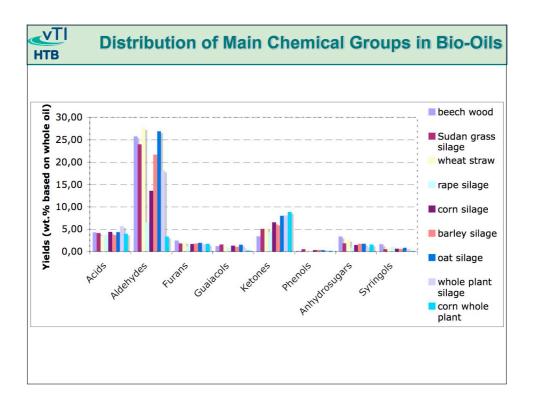


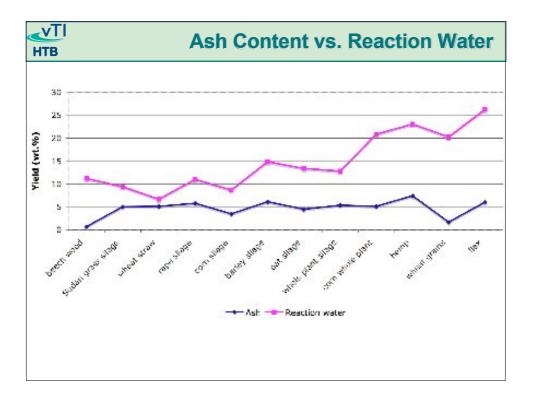












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Compilation of Pyrolysis Behavior and Phase Separation

Material	Feeding	Behaviour in LFBU	Oil Phases
Beech wood	+++	++	single
Rape silage		++	single
Sudan grass silage	+++	+++	single
Wheat straw	+	+++	multiple
Wheat groats	++		multiple
Barley silage	+	+++	multiple
Oat silage	-	+	multiple
Corn whole plant	+		multiple
Corn silage	++	+++	multiple
Whole plant silage	++	++	multiple
Hemp/Flax press cakes	++		multiple

