

Biofuel & specialty biochemical potential in Central Oregon

Matt Delaney

April 15, 2016

mdelaney@delaneyforestry.com

Overview

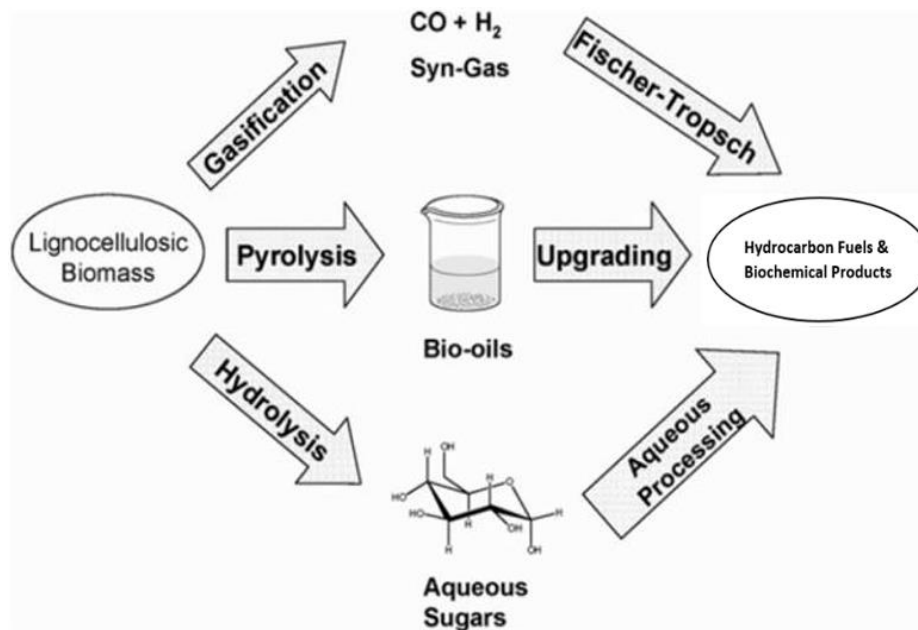
- I. Introduction
- II. Main findings
- III. Next steps

Central Oregon Intergovernmental Council

- COIC initiated an effort to better understand biofuel & specialty biochemical company needs
- USDA Rural Biomass Enterprise Grant program (RBEG)
- Determine a strategy to attract investment to the region

Types of processing

- Biofuels and specialty Biochemicals made from different processes



*Image courtesy of TSS

Data collection approach

- Talked to biofuels and specialty biochemical companies across the country
 - Blue Marble Biochemicals (Seattle, Washington)
 - Cool Planet (California, Colorado, Louisiana)
 - Earth Energy and Environment LLC (Kansas)
 - Eco-Reps (Prineville, Oregon)
 - Red Rock Biofuels (Colorado & Oregon)
- Talked with OSU, WSU researchers
- Reviewed literature and resources

Overview

- I. Introduction
- II. Main findings**
- III. Next steps

Main findings

- Biofuels may be a bit tough...
 - Lack of pipelines, blending facilities in Central Oregon
 - 77% of land in Deschutes County is publicly owned, hence no Renewable Identification Number (RIN) revenue
- Focused our attention on bio-products

Main findings

- Of the 10 individuals and organizations interviewed, 8 said that *feedstock quantities and economics* were most important
- Companies did not express a preference for feedstock types.
- Forest biomass, ag residues (spent hops?)

Overview

- I. Introduction
- II. Main findings
- III. Next steps**

Recommended next steps for COIC

- 1) Determine quantities & economics of forest and agriculture biomass feedstocks
- 2) Organize suppliers of biomass materials and gauge their interest in supply contracts
- 3) Compile a list of permits that would be needed so that companies can understand state and local requirements (zoning, water, air permits, etc.) for biochemical facility development

Questions

Matt Delaney

Delaney Forestry Services

mdelaney@delaneyforestry.com

(541) 990-4306

