

Advanced Hardwood Biofuels Northwest

Poplar Farms: A Win-Win Opportunity?

Exploring the feasibility of growing poplar for a (hypothetical) refinery









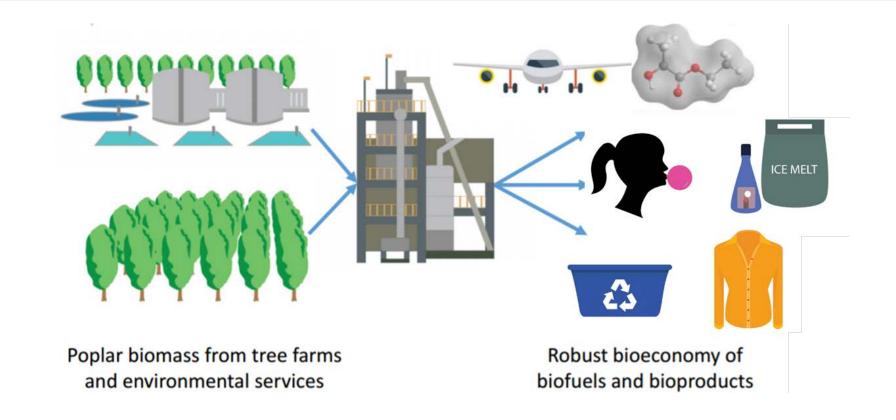






Hardwoodbiofuels.

AHB's Vision



Why Hybrid Poplar?

- Fast growing
- High yields
- Marginal lands
- Lower inputs
- Non-food crop
- Easy to convert



Why This Region?

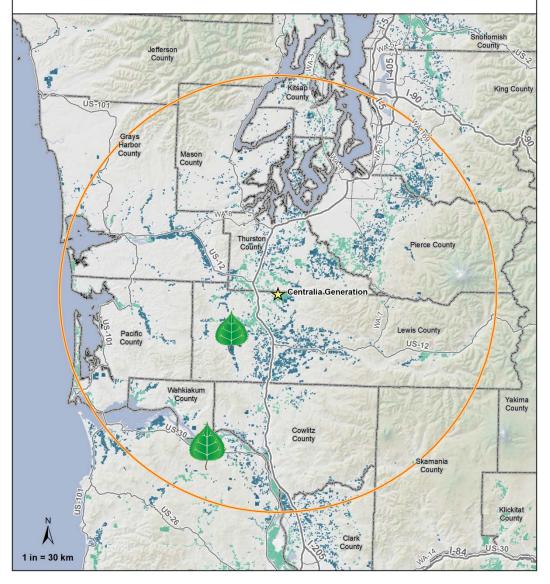
- High concentration of suitable land
- Existing site with utilities

Centralia Generation

privately owned parcels, 10 acres or larger, with an agriculture or rural undeveloped land use, and moderate or high poplar suitability



Without Irrigation



Survey activity









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- Existing utilities could reduce start-up cost
- Hybrid poplar grown in the region



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What are the community impacts of 34,000+ acres of poplar?

Growing Hybrid Poplar for Biomass



Poplar trees

- group that includes black cottonwood
- fastest growing in the temperate region

Hybrid poplars

- crossbreeds of different types of poplar
- found in nature and created in nurseries
- adaptable to a range of conditions
- produce lots of biomass

Short Rotation Coppice











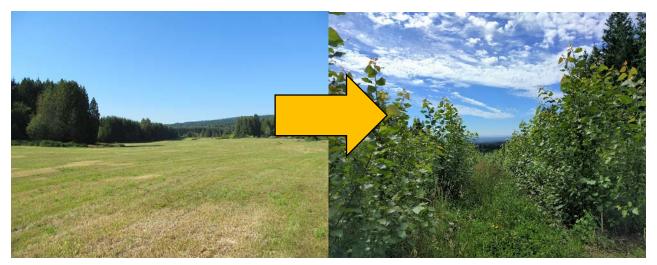
Discussion











1: Traditional ag



2: Wastewater management



3: Floodplain management

Contact information

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Learn more about AHB at www.hardwoodbiofuels.org

