



Advanced **Hardwood Biofuels** Northwest

January 2016 Briefing Paper

Bioenergy Career Pipeline

Advanced Hardwood Biofuels Northwest (AHB) is a program funded by the USDA National Institute of Food and Agriculture (NIFA). AHB integrates research, education, and extension to develop poplar-based biofuel and biochemical industries in the Pacific Northwest (PNW).

plant operations
Students



AGRICULTURE CENTER
of Excellence

Oregon State **OSU** **W** 4-year
University of Idaho **University**





Job Opportunities
for graduates in rural communities

- Utilities
- Pulp and Paper
- Industrial Maintenance
- Wastewater and Drinking Water Treatment
- Agriculture and Forestry
- Food Processors
- Bioproducts
- Solid Waste Management/Waste to Energy
- Engineering Contractors
- Public Works

Building a Bioenergy Workforce for the PNW

AHB is working to enhance rural prosperity in the Northwest through job creation and training. Safe, skilled, and motivated technicians and operators are in demand throughout the region's agroforestry and industrial sectors.

Through training from the Plant Operations program at Walla Walla Community College, students gain high-demand technical skills and knowledge directly applicable for employment in a wide range of facilities, including commercial-scale biorefinery operations as they open in the future.

Continued policy and institutional support is needed to:

- 1) Develop the energy independence that will result from growing a robust biofuels and biochemical industry in the Pacific Northwest
- 2) Ensure that rural, living wage careers materialize.



Future Jobs
at a 25 million gallons/year
biorefinery

- 200 Construction Jobs
- 65 Full Time Operator Jobs

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