As part of a national effort, the USDA National Institute of Food and Agriculture (NIFA) awarded two $40 million grants in fall 2011 to develop a sustainable wood to biofuels industry in the Pacific Northwest. These awards created two organizations — NARA (Northwest Advanced Renewables Alliance) and AHB (Advanced Hardwood Biofuels Northwest); both are collaborations between universities, government and industry.

**PURPOSE**

- To develop a foundation for a biofuel industry based on woody feedstock
- To provide drop-in infrastructure compatible fuels to meet the renewable fuels standard
- To ensure the industry is environmentally and economically sustainable
- To promote biofuels literacy and help prepare an emerging work force
- To involve extensive outreach and build community coalitions with empowered stakeholders

**LONG-TERM BENEFITS**

- Regional economic development
- Reduced fossil fuel dependence
- Climate change mitigation
- Enhanced soil and water conservation
- Enhanced forest stewardship with reduced fire risk

**NARARENEWABLES.ORG**

**NARA**

*PRIMARY FEEDSTOCK*
Softwood - Forest Harvest Residuals

*LEAD INSTITUTION*
Washington State University

*PRODUCTS*
Jet Fuel and Lignin Based Co-products

**HARDWOODBIOFUELS.ORG**

**AHB**

*PRIMARY FEEDSTOCK*
Hardwood - Hybrid Poplar Crop

*LEAD INSTITUTION*
University of Washington

*PRODUCTS*
Jet Fuel, Gasoline, and Diesel

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