

FOR IMMEDIATE RELEASE: CONTACT CHRIS BEATTY, TRILLIUM FIBERFUELS,
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March 16, 2011, Corvallis, OR: Trillium FiberFuels Awarded Phase 1
Small Business Innovation Research Grant to Develop Cellulosic Ethanol
Technology

Trillium FiberFuels has been awarded a Small Business Innovation
Research (SBIR) grant to further its work in developing technology for
creating fuel-grade ethanol from straw and other biomass. The U. S.
Environmental Protection Agency announced the award March 1, 2011.
This latest award to Trillium supports additional development of a new
enzyme for production of cellulosic ethanol and complements a recently
received grant from Oregon's Built Environment & Sustainable
Technologies (BEST) Center which provides commercialization funding
for business and university partnerships. The combined value of the
awards exceeds \$150,000.

Trillium is developing a commercially robust and readily scalable
process technology to utilize xylose. Xylose constitutes roughly one
third of the available sugar in biomass, so efficient utilization is
essential to good process economics. However, xylose is not fermented
to ethanol by typical yeast. Trillium's research will develop a rare,
naturally occurring enzyme to convert xylose into a sugar that is
fermentable by brewing yeast. Chris Beatty, Trillium's President,
commented that the new award "builds on the feasibility work sponsored
by the USDOE and will give us a cost-effective process for feedstocks
such as straw from ryegrass and wheat."

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Trillium FiberFuels, Inc. is an Oregon based corporation developing
process technology and equipment for cellulosic ethanol production.
Trillium was founded in 2006 and has received support from the Oregon
Department of Agriculture, Oregon Nanoscience and Microtechnologies
Institute (ONAMI), Oregon Built Environment & Sustainable Technologies
Center (BEST), U.S. Department of Energy, the U.S. Department of
Agriculture, and U.S. Environmental Protection Agency.

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