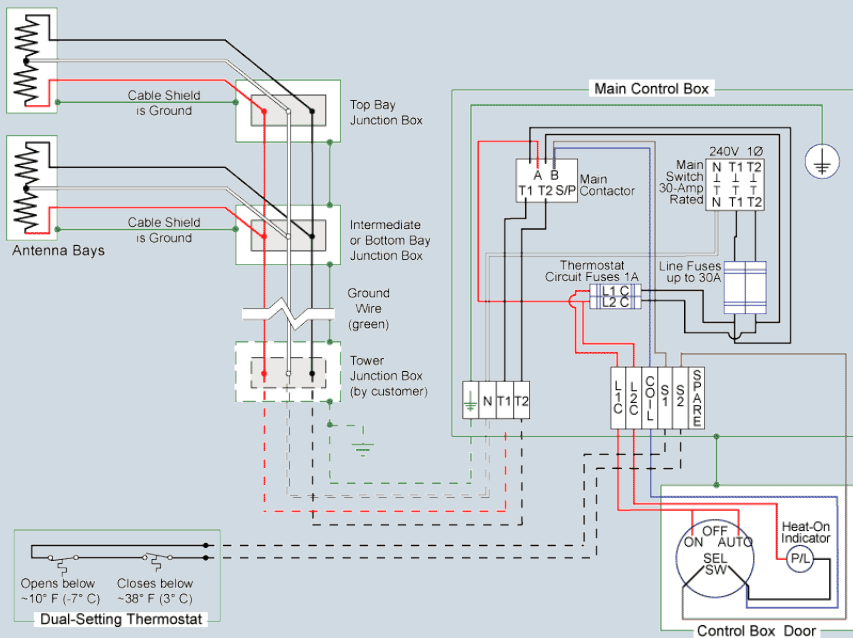


MSU's Bioeconomy Strategy

LAKS: Organize, communicate, develop strategic vision

Office of Biobased Technologies (Spring 2006).



On Strategy.....



MSU's Bioeconomy Strategy: Emergent

Forest biomass is a competitive advantage

MSU's plant science research capacity can be co-opted

Communication: Any place, any time

Regional approach (not enough money here)

Pay extraordinary attention to state's needs

Acknowledge our role vis-a-vis the private sector

Exploit our credentials as honest broker

The Great Lakes Bioenergy Research Center: Removing Technical and Economic Bottlenecks Cellulose to ethanol



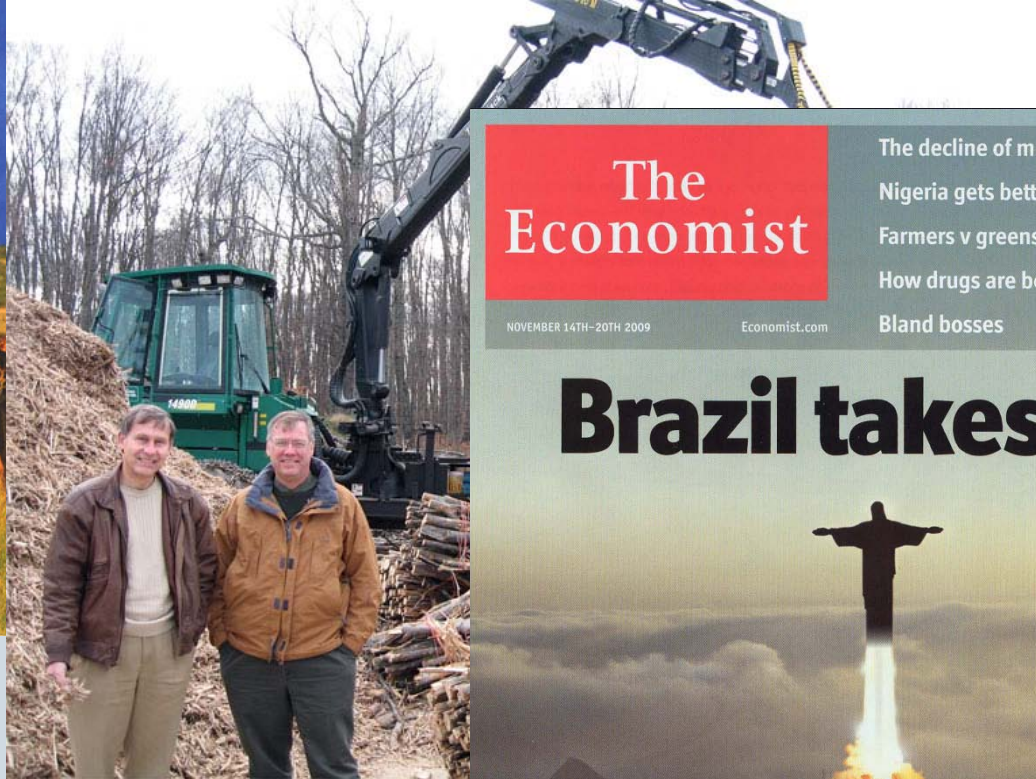
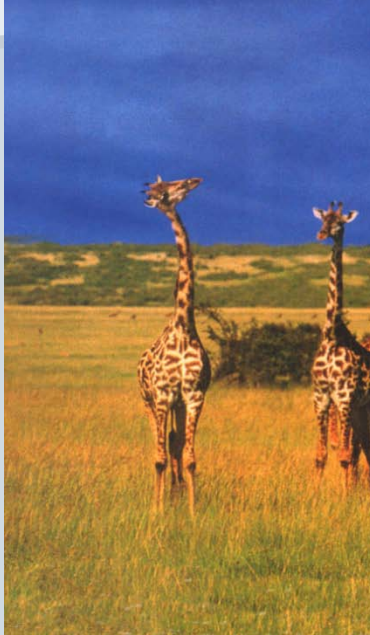
What

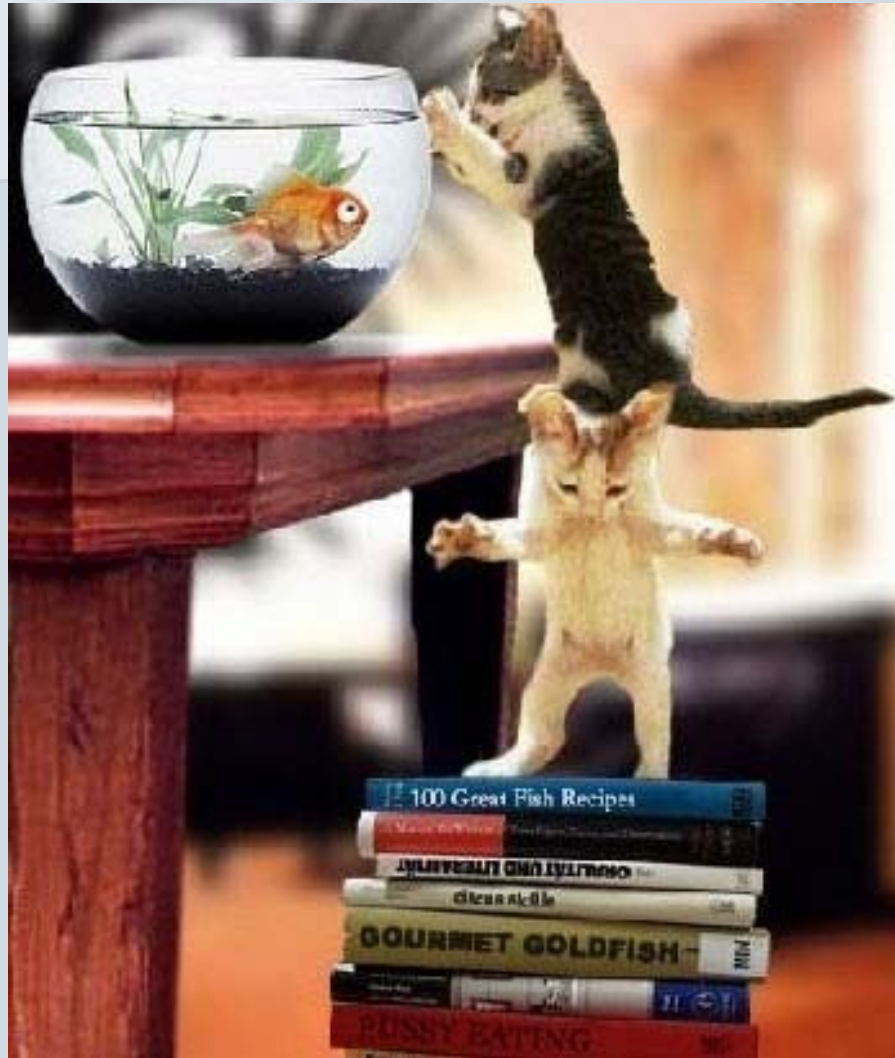
- improved biomass composition
- sustainable biomass production in Michigan
- more efficient and cost-effective bioprocessing into fuels

How

- discovery research linked to the real world

Things we need to pay attention to.....





Sept. 4, 2007

news

[New residential college welcomes first freshman class](#)

['Living and learning' an MSU tradition: Brings Madison](#)

Swedish-Michigan bioeconomy partnership announced

by Jamie Depolo

August 24, 2007 - Eight days in, and the Michigan contingent's trip to Sweden has a tangible result.

Green Car Congress

Energy, Technologies, Issues and Policies for Sustainable Mobility

28 August 2007

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Mascoma to Build Cellulosic Ethanol Plant in Michigan

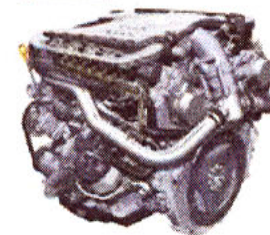
19 JULY 2007

Mascoma Corporation [chose](#) Michigan as the site for a cellulosic ethanol plant that will primarily use wood chips and other non-food agricultural crops for feedstock.

Mascoma chose Michigan for the new plant based on the abundance of forestry and agricultural materials and the expertise found at Michigan State University and Michigan Technological University. These universities will partner with Mascoma on the project.

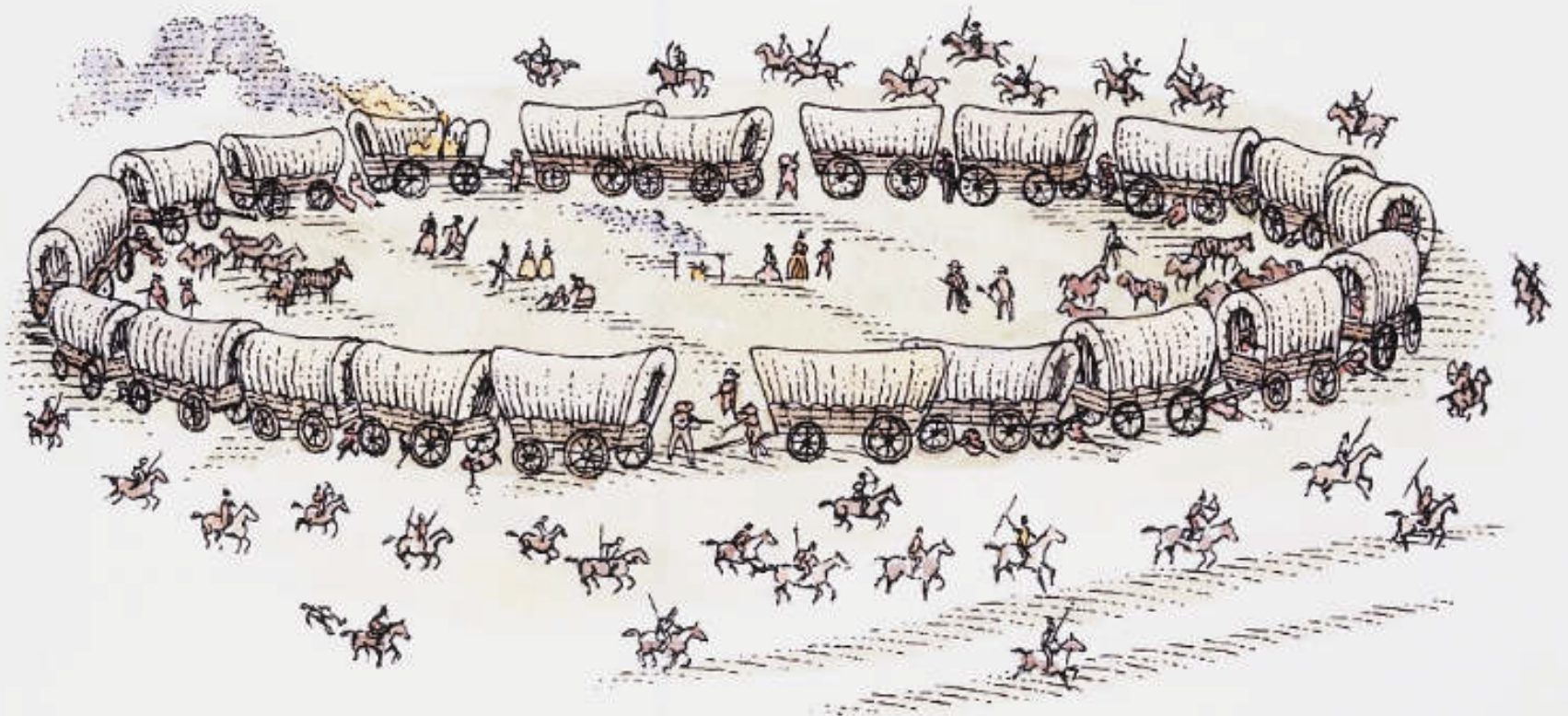
Michigan State will provide expertise in areas including pretreatment technology

From the Dashboard
[Audi Showcases Euro-5 V12 Passenger Diesel in Q7 Study](#)



[Three BLUETEC Tier2 Bin5 Diesels Shown at Detroit](#)





Team MSU resources for forest biomass

Broad strategy: Steve Pueppke, Doug Gage (VP for Research)

Corporate engagement: Bryan Ritchie, Doug Gage

Technology/technology communication: Bruce Dale and others

MSU Extension Bioenergy

MBI International: Bobby Bringi

Ventures: Chris Peterson, Ruben Derderian and team

Forest Biomass: FBIC, Ray Miller and team