



U.S. Climate Change & Bioenergy Policy

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Voluntary Industry Actions

- Climate VISION –
 - U.S. power and energy-intensive industrial sectors improved their combined emissions intensity by 9.4% during 2002-2006. In 2006, GHG emissions for these sectors fell a combined 1.4%.
 - AF&PA members have reduced the intensity of their CO₂ emissions by 14% from 2000 to 2006.

Federal Regulation of CO₂

- EPA to decide on endangerment finding
- EPA developing a mandatory rule for all sectors of the economy to report GHG emissions – proposed rule due in September
- Transportation Department raises fuel efficiency standard for cars by 25% by 2015
- Interior Department lists Polar Bear as a “threatened” species under the Endangered Species Act

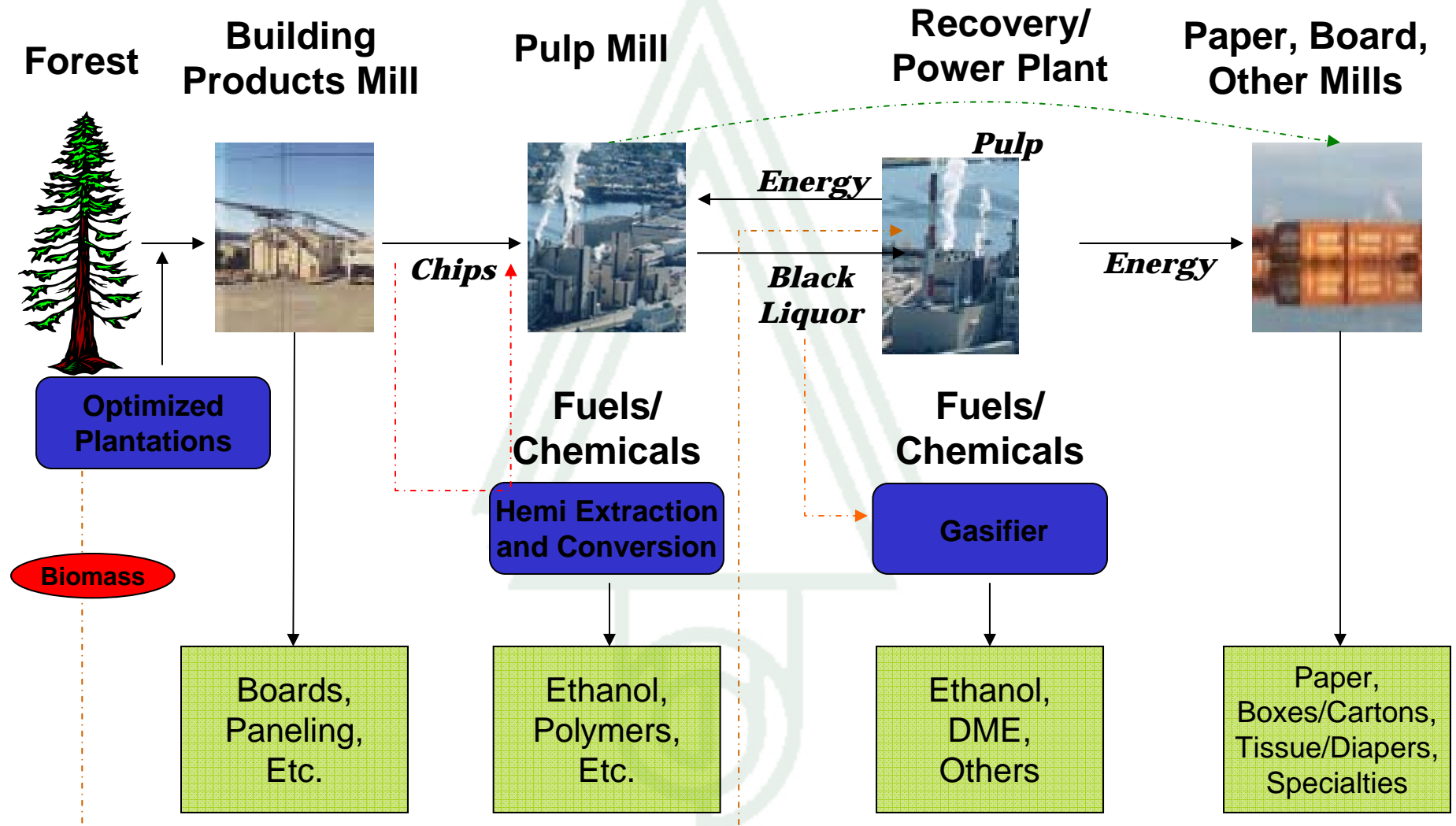
Lieberman-Warner Bill

- Lieberman-Warner Bill in Senate (revised as Boxer bill)
 - Mandatory cap and trade program
 - Approved by Senate Environment and Public Works Committee December 5, 2007
 - Debated on the Senate floor 1st week of June
 - Not particularly friendly to industry
- AF&PA is working with coalition of energy-intensive manufacturing industries in advancing changes to limit economic burden

A Strong Record On Energy Efficiency

- Sixty-four percent of pulp and paper mill energy needs are met by renewable energy including wood waste and black liquors
- Fossil fuel use per ton of paper production has declined by 56% since 1972 and 9% between 2004 and 2006
- Nearly 90% of the electricity generated at U.S. pulp and paper mills is cogenerated

Agenda 2020: Integrated Forest Products Biorefinery (IFBP) Concept



AF&PA Biomass Policy

- Market forces should be primary stimulant for use of wood and wood waste.
- Incentives or mandates for renewable energy should maintain regional agricultural and silvicultural capability and consider impacts to existing regional fiber markets.
- Federal R&D efforts for breakthrough technologies.
- Access to forest debris from public lands for biomass energy.
- Tax credits for renewable energy should be transparent.

National Policy Driving Bioenergy Production

- Energy Policy Act of 2005
- Energy Independence and Security Act of 2007
- Food, Conservation and Energy Act of 2008 – ‘Farm Bill’

Experience of Corn Ethanol

- Increasingly used in U.S.
- Government Policies Drive Production
- Lesson for cellulosic ethanol?

