Maine Forest Products Council
September 18, 2017, Rockport, ME

A discussion on ........
Challenges Facing Biomass
“Even in Timber Rich States”

Craig Rawlings, President & CEO
Forest Business Network
10 or 15 minutes .......

• About me
• FBN
• My view from the 30,000 ‘ level

Then a discussion + Q&A with you all.....
About Craig

• 3rd generation forest products sector – sawdust in my blood
• Entire career somewhere in the supply chain
  – Last 15 years small diameter and under utilized timber
• Both of my brothers same career path
  – Sawmill construction
    • Mike Rawlings
  – Mfgr’s Rawlings Wood hogs
    • John Rawlings
FBN’s Lines of Business
Weekly E-Newsletter, Events, Consultancy, Website

- 10,000 + Readers
- Since 2001

From the Editor

Dear Reader:

Anticipation and excitement around the 2018 International Mass Timber Conference could not be greater. The exhibit hall is nearly sold out with only six spaces left. And we’re proud to announce three, new premium sponsors—companies who have stepped up in a big way for the March 20-22 event.

- Katerra – Premier Sponsor
- Hexion – Gold Sponsor
- Mass Plywood Panels, Freres Lumber Company – Lounge Sponsor
FBN’s Lines of Business

Weekly E-Newsletter, Events, Consultancy, Website

Mass Timber Conference

- March 20-22, 2018 Portland, Oregon
- March 19-21, 2019 Portland, Oregon
- 2020? New England States? RFP’s coming out soon
FBN’s Lines of Business

Weekly E-Newsletter, Events, Consultancy, Website

- Feasibility Studies – Whitepapers
- Grant Coaching, Market & Product Development
- Outreach, Communications, Stakeholder Engagement, Workshops, Marketing Assistance
- Northwest Advanced Renewables Alliance ($40 Mil-5Yrs)
  - www.nararenewables.org
- Waste to Wisdom ($5.8 Mil-3Yrs)
  - www.wastetowisdom.com
FBN’s Lines of Business

Weekly E-Newsletter, Events, Consultancy, Website

www.forestbusinessnetwork.com

- Resources
- Free Classifieds
- Breaking News
- Blog
FBN’s Lines of Business - **NEW**

**Treesource.org** – Conceived, Born, Incubated at FBN

Original stories, photo essays, videos and podcasts
“Game Changers” Since 2000

- Pulp & Paper Mill Permanent Closures
- Sawmill Closures & Consolidation
- Catastrophic wildfires
- Beetle Epidemics
- Federal Agencies shift from commercial timber harvests
- Recession
- Biomass Not on Level Field with Wind & Solar
“Game Changers” Since 2000

- Europe’s Renewable Energy Mandates
- Low Energy Prices, Bad for Biomass, Good Overall
- Mass Timber - Mid-Rise and High Rise Buildings
  - Legalized Marijuana
  - Biojet Fuel From Forest Biomass
The States Where It's Legal To Smoke Marijuana

Laws on recreational and medical marijuana use in the US*

- **Legalized for recreational & medical use**
- **Medical use only**

Legalized for recreational & medical use:
- Washington
- Washington D.C.
- Oregon
- Alaska
- Colorado
- California
- Massachusetts
- Nevada
- Maine

* As of Nov 10, 2016 - laws in some states have not yet taken effect. Some states not highlighted allow limited medical marijuana access.

Source: NY Times

$48 Cu Ft
$40 Mil USDA Regional Research Grant, OR, WA, ID, MT
  - Led by WSU, FBN: Outreach, Communication, Stakeholder

Transcontinental Flight, Oct 11, 2016 SEA-DCA
  - 1,080 gallons - 20% Blend, Drop in Fuel

Certification – Cost $100 Million

Gevo – Major Partner, Small Publically Traded Company
  - Accessible

Refinery at Major Airport - Regional Supply Depos
Questions, Comments, Discussion

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