



Maine's forests are full of opportunities

*Patrick Strauch, Executive Director
Maine Forest Products Council*

**I GROW
ROCKET
FUEL.**

Maine's forests are full of opportunity.

Today's trees are replacing plastic, supplanting fossil fuels, advancing medical technology, improving clothing's comfort, even powering aerospace. New technology, yankee innovation and continued sustainable management practices are driving the Maine forest industry's rise to meet global demands.

Learn how our forests are growing the future of Maine's economy at www.GrowForMaine.com

Who we are

Since 1961, the Maine Forest Products Council has been the voice of our forest economy. Our members include loggers, truckers, paper mills, tree farmers, foresters, sawmills, secondary wood manufacturers, bankers, lawyers, insurance executives and the owners of 8 million acres of commercial forestland. The MFPC Board is very active, and holds weekly policy conferences during each legislative session to discuss bills of interest and arrive at a position.





Economic impact

- Total impact \$8.5 billion and 33,538 jobs (direct and indirect)
- About 1 out of every 24 jobs in Maine
- About \$1 out of every \$20 of Maine's GDP.

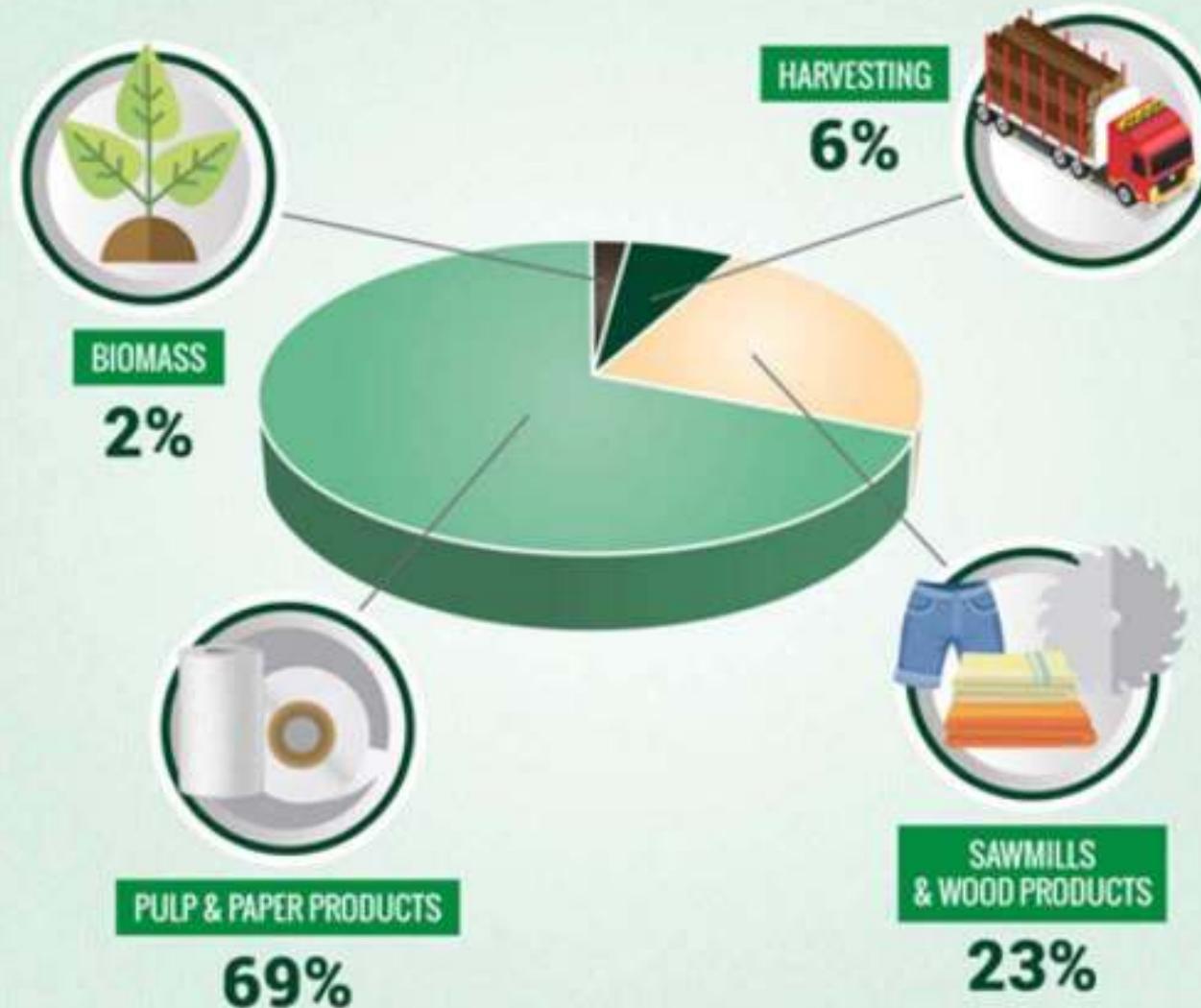


A photograph showing a group of people snowmobiling on a snowy trail. In the foreground, a person wearing a black jacket and a white and red helmet is riding a black snowmobile. Behind them, two more snowmobiles are visible on the trail. The trail is surrounded by snow-covered evergreen trees and shrubs. In the background, there are snow-covered hills under a clear blue sky.

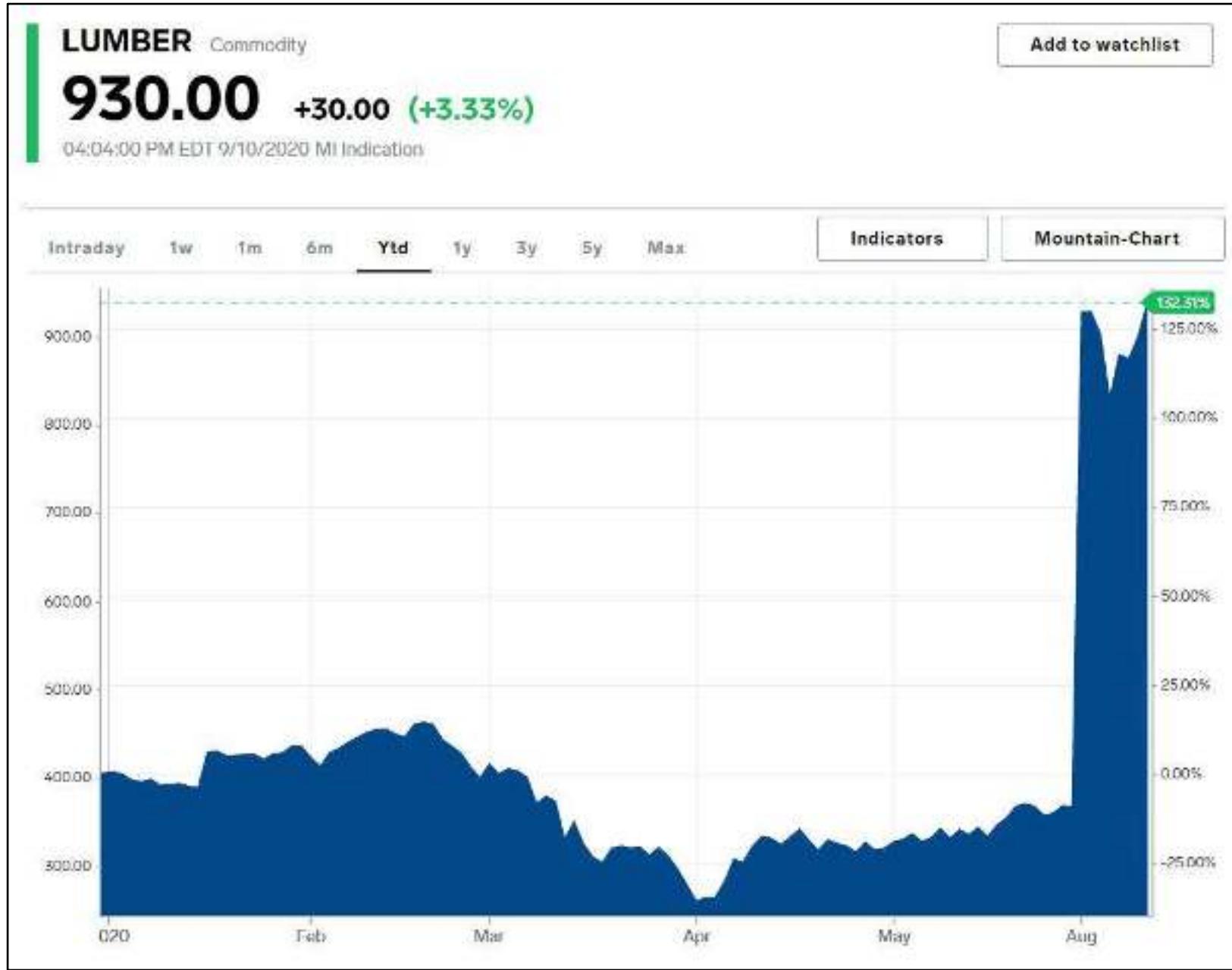
Maine has a land-use tradition
that is unique in the nation

Most landowners allow
the public to use their
property for a wide
variety of recreational
activities free of charge.

WOOD PRODUCTS REVENUE (\$8.5B PER YEAR)



Lumber Markets



Wood panel businesses

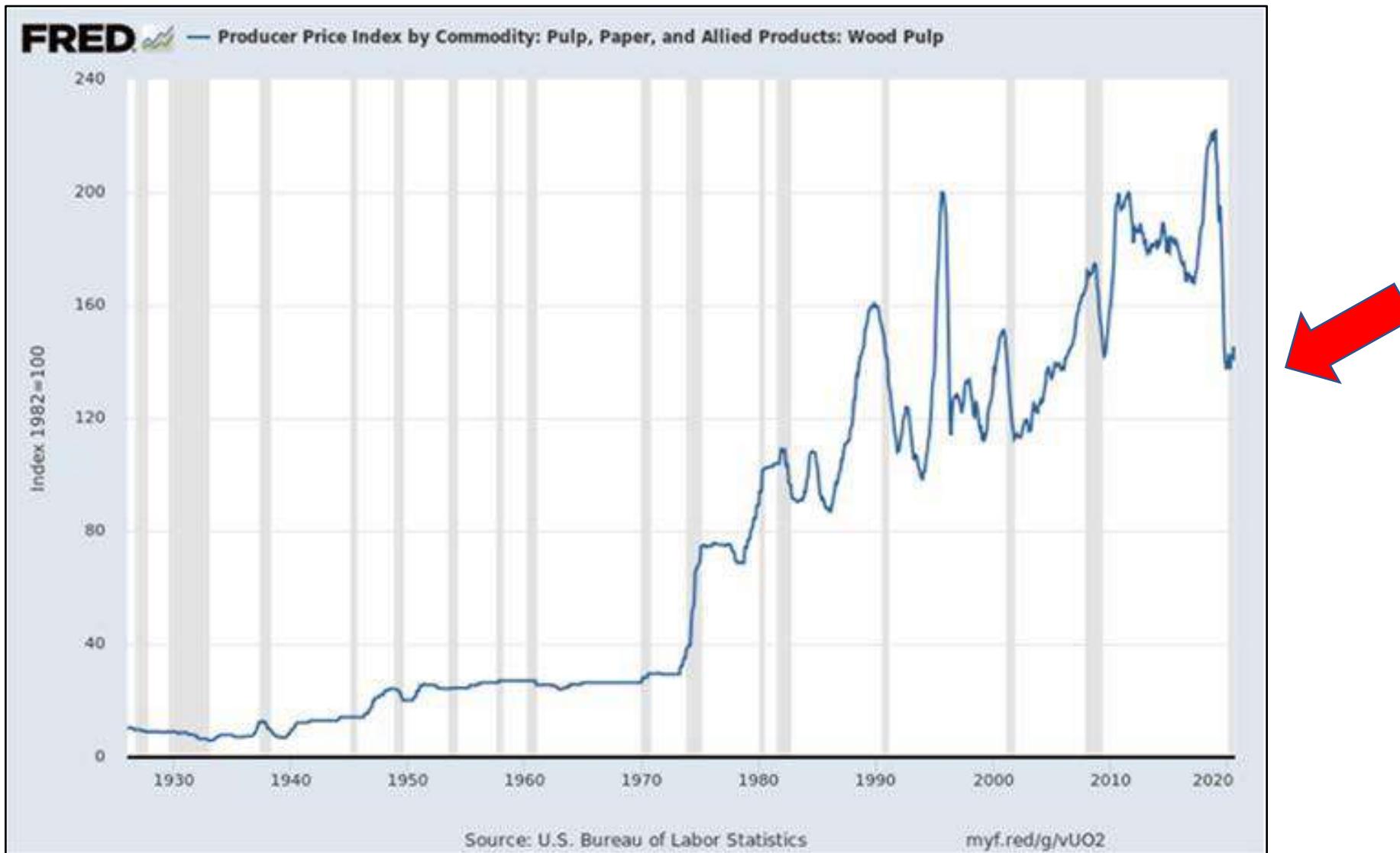


Louisiana-Pacific Corporation, New Limerick



Huber Engineered Wood, Easton

U.S. Pulp & Paper prices declined sharply



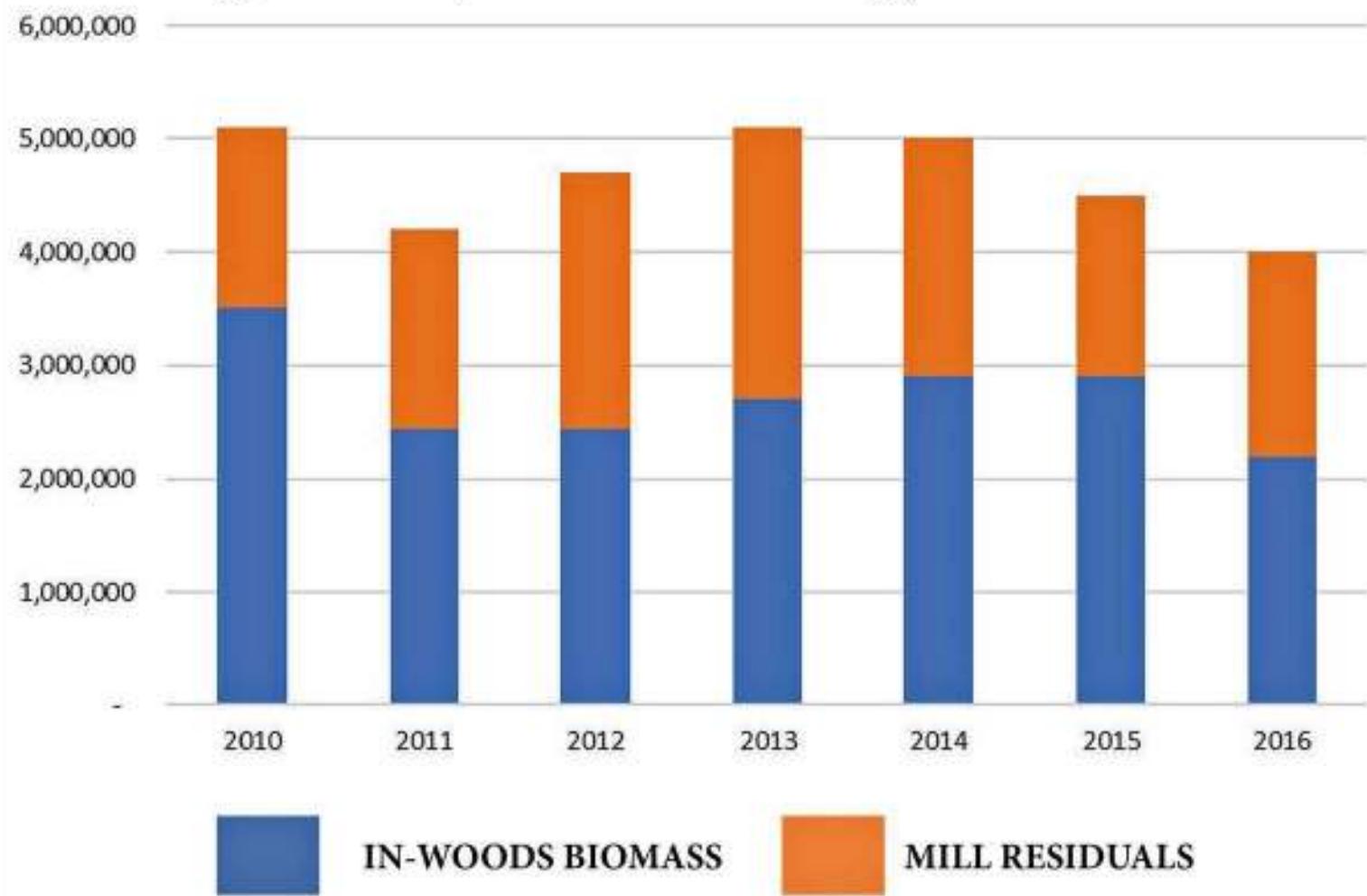
Diversification of Maine mills is providing stability



Reduced outlets for mill residues and in-woods biomass

(Adapted from FOR/Maine Wood Energy Report - INRS)

An Approximation of the Sources of Wood Biomass Used (green tons) in Maine for Energy Production



Challenges in the COVID era

- The effect on logging operations is profound.
- Prior to COVID, operations were strong, labor supply constraints.
- Moved into mud season with strong inventories both in mill yards and stockpiled in the woods.
- Regional and company differences, ranging from curtailments to resumed operations.
- General consensus is operations since January are down 25-30% in harvest volume.



Building The Roadmap

FOR/Maine ties together goals and industry vision



- Ambitious but achievable vision of a robust bioeconomy strategy
- Growth of traditional industries
- Diversification into new, emerging products
- Attraction of capital investment

Five year \$1B in public & private investment





Toad and Co. (store in Freeport) 48% Tencel, 48% Organic Cotton, 4% Elastane

Would you even suspect you were wearing wood pulp?

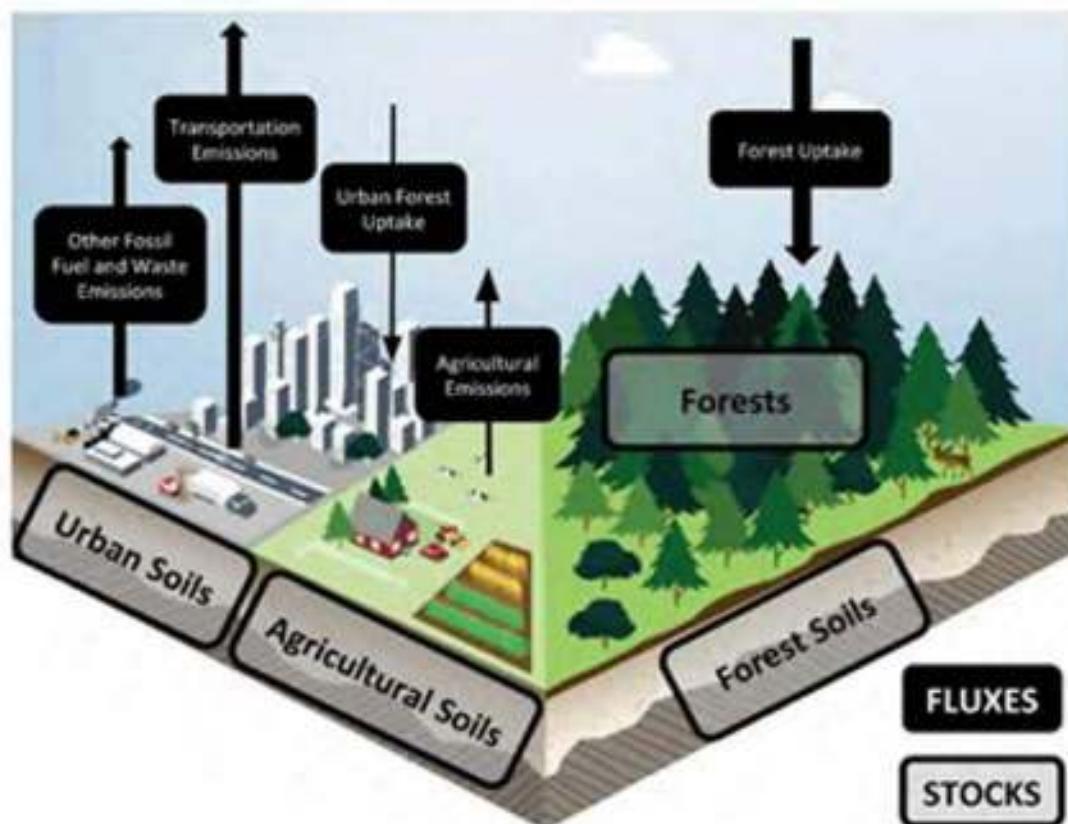
- Tencel is manufactured from natural wood pulp cell-ulose and often blended with cotton.
- Clothes can be dressy or casual.
- Highly absorbent, breathable and comfortable.
- Wrinkle resistant, shrink resistant and static resistant.
- Machine washable and dryable.



L.L. Bean flannel shirt made of 52% organic cotton and 48% Tencel.

Maine Forest's Importance to State's Annual Carbon Budget

Carbon Pool	% of State's Annual Fossil Fuel Emission
Forest carbon stocks + annual growth	60%
Forest products	15%
Total forestry sector	75%
Net Land Sink	78%



Wood buildings sequester carbon



The eight-story (85 feet high) Carbon 12 building in Portland, Oregon (above left) is the tallest commercial structure in the U.S. to be built from mass timber. Mjøstårnet (above right), located in central Norway, is 280 feet tall and currently the world's tallest wooden building.

Maine Climate Council

Forest economy represented on 5 of 6 Working Groups



Working Group Roles + Responsibilities

Each working group spent months developing its climate mitigation and adaptation strategies for the council. Click the icon for each working group to see its past meeting schedule, minutes, and supporting information.

The graphic features a circular network of icons representing various sectors: agriculture (crops), energy (wind turbine), buildings, transportation (truck), research (magnifying glass), and natural resources (plant).



Guiding Principles

- IMPROVE THE RESILIENCE** of Maine's communities, people, and industries to climate impacts
- PRIORITIZE** the welfare of Maine citizens —especially the most vulnerable communities
- FOSTER** the value of the State's natural resources and natural resource industries
- ENCOURAGE** diversity, inclusion and equity of all Maine communities and people
- UTILIZE** the most recent scientific and technical information and measure progress



Maine Climate Council

PROCESS TIMELINE



June 2019
Governor signs LD 1679, establishing Maine Climate Council



Sept 2019
Governor appoints Maine Climate Council members; MCC launches



Oct 2019 - June 2020
Working Groups & Scientific + Technical Subcommittee Meet Monthly to Develop Mitigation & Adaptation Recommendations, Characterize Climate Impacts



June 2020 - Dec 2020
Maine Climate Council Considers and Selects Final Strategies for State Climate Action Plan



Dec 1, 2020
State Climate Action Plan Delivered to Legislature

CLIMATE CHANGE COUNCIL

OPPORTUNITIES

- Recognition of actively managed forest as a climate solution
- Opportunities to build on a carbon friendly forest bioeconomy
- Public connections to the forest economy

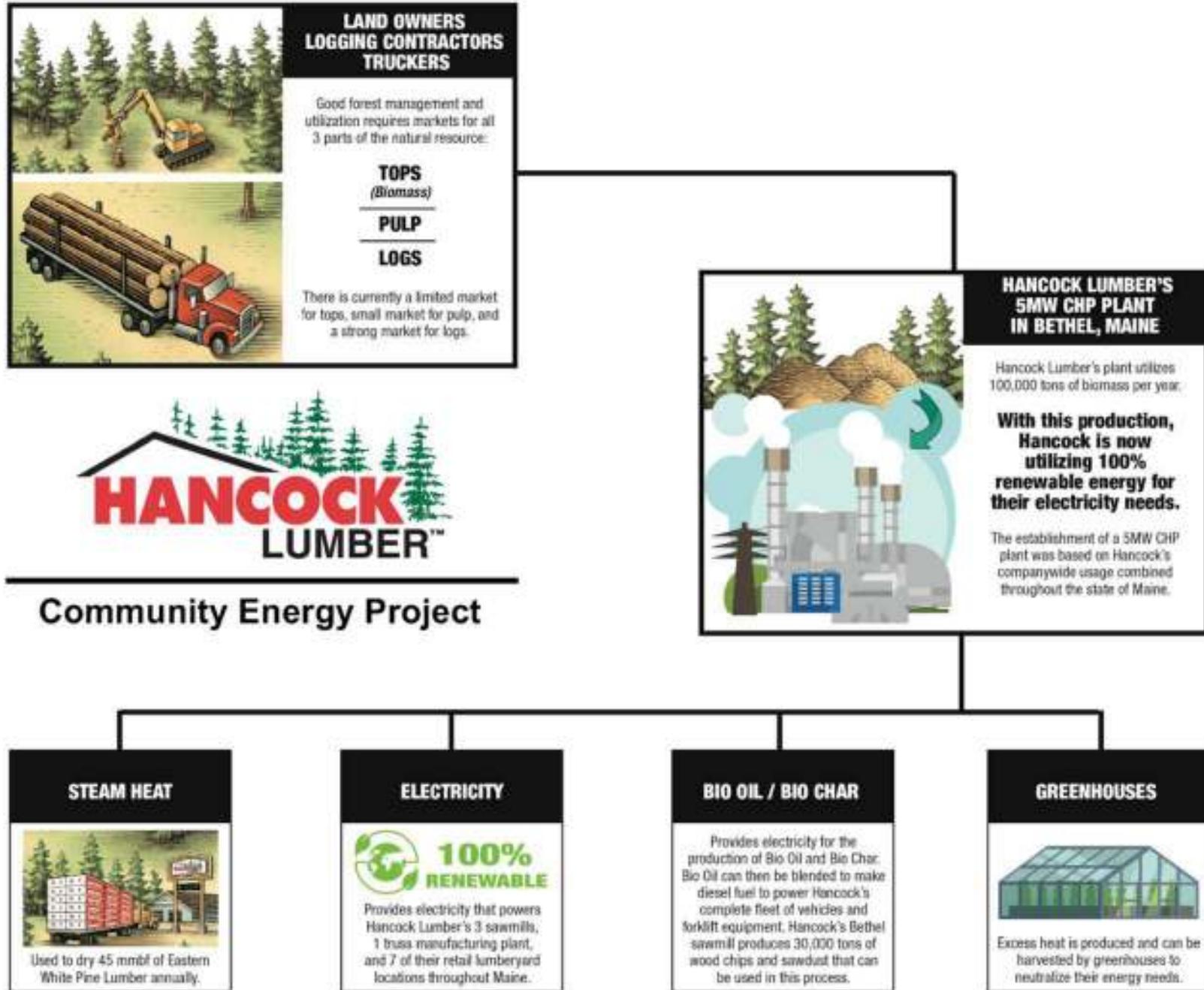
Challenges

- Managing expectations for forest sequestration
- Regulatory protection tendency
- Challenges to biogenic carbon cycle
- Funding sources for recommendations
- The call for BOLD initiatives w/o consideration of social and economic factors

Poland Spring, UMaine to explore biobased alternative for packaging material

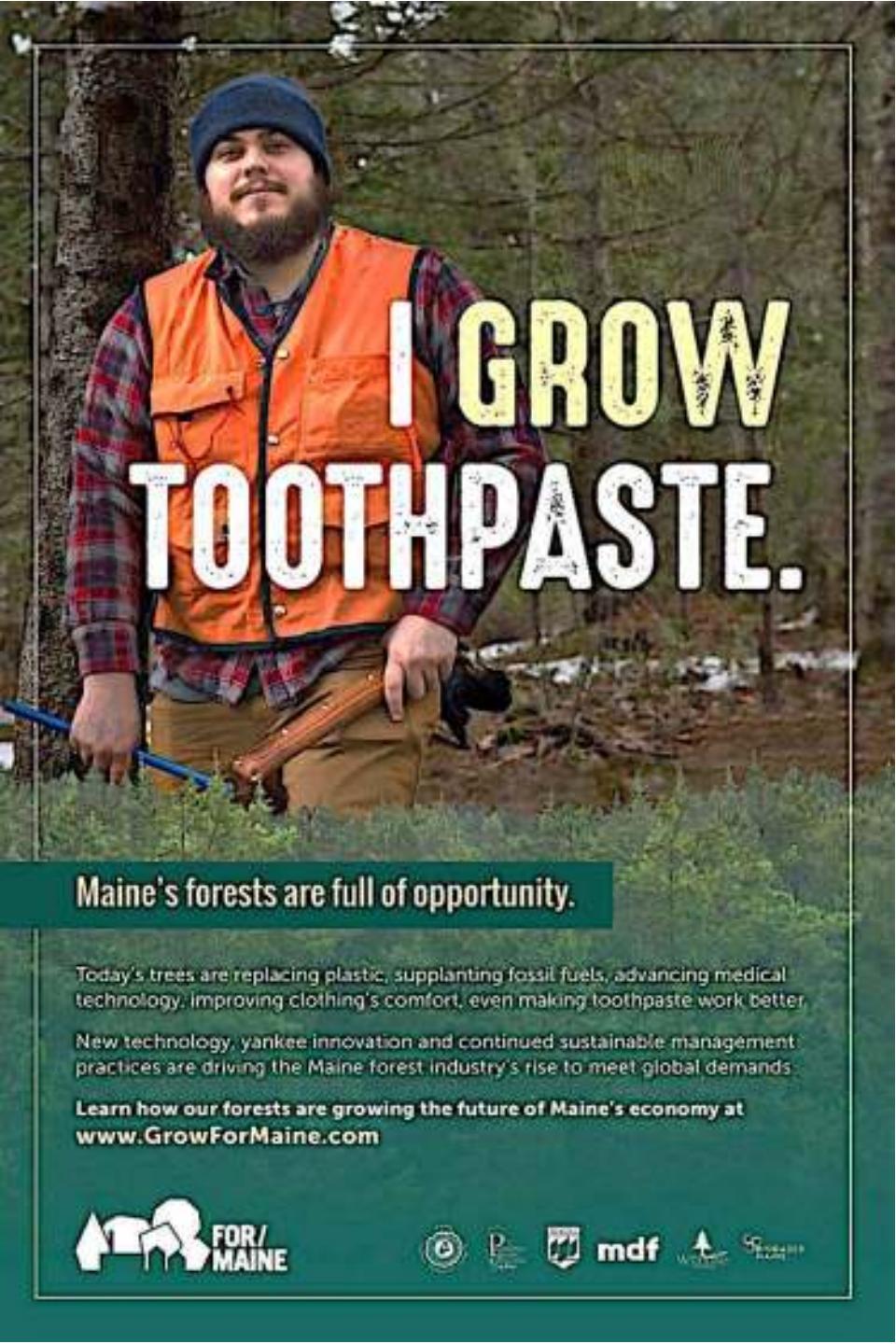


Innovation in the next generation of wood manu- facturing facilities



Strategic actions

1. Build more diversity in Maine's forest products portfolio
2. Expand markets based on available sustainably managed forests
3. Capitalize on emerging global markets
4. Develop the workforce
5. Remain competitive in business factors (e.g. taxes, energy, workforce development, regulatory predictability)
6. Communicate the vision for a prosperous forest industry and rural communities.



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