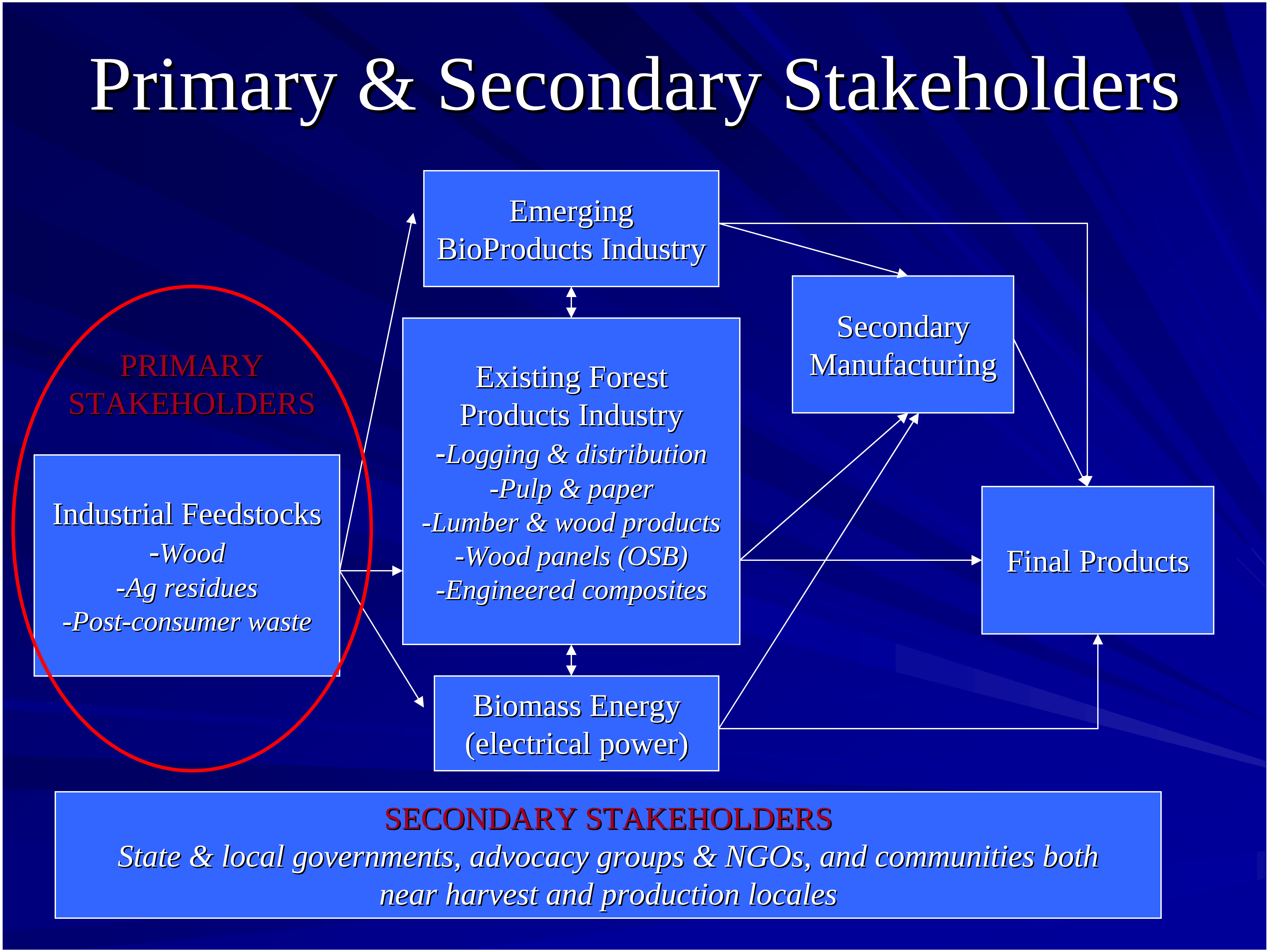
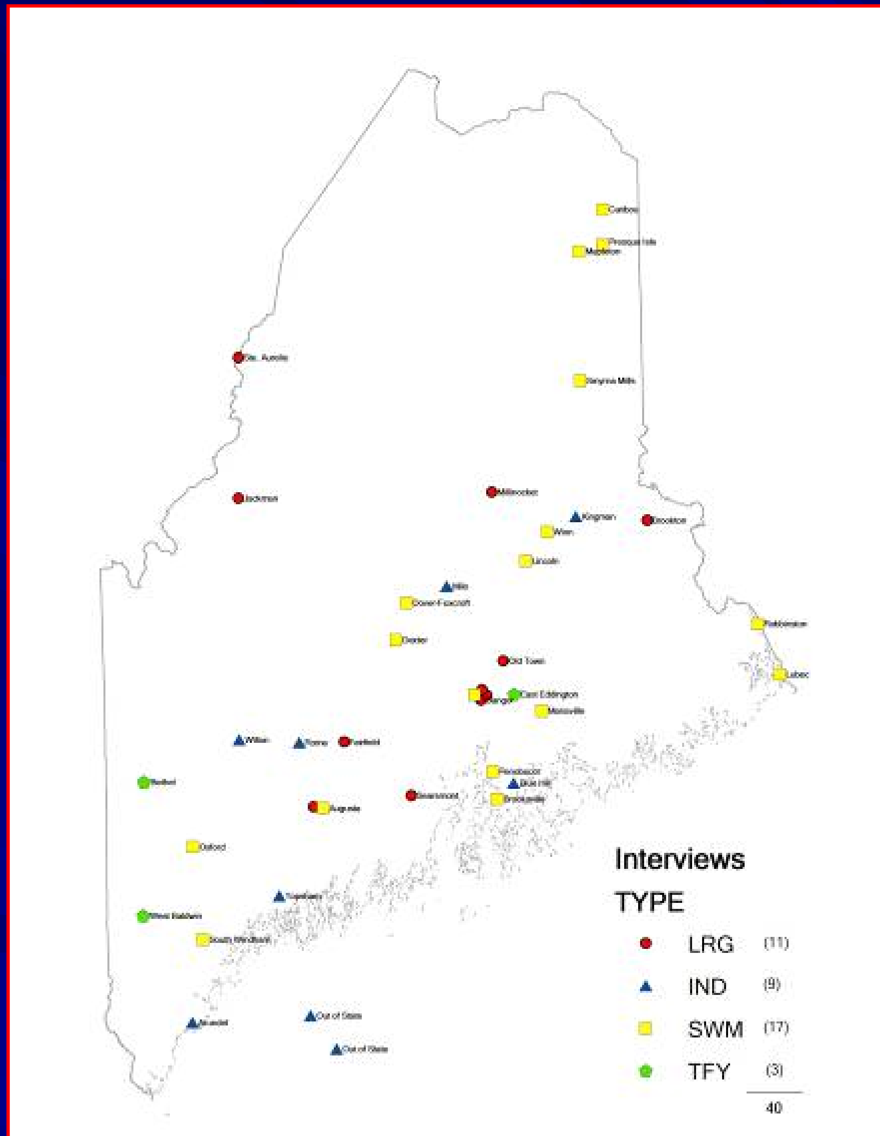

Primary & Secondary Stakeholders
Emerging
BioProducts Industry
PRIMARY
STAKEHOLDERS
Industrial Feedstocks
-Wood
-Ag residues
-Post-consumer waste
Existing Forest
Products Industry
-Logging & distribution
-Pulp & paper
-Lumber & wood products
-Wood panels (OSB)
-Engineered composites
Secondary
Manufacturing
Final Products
Biomass Energy
(electrical power)
SECONDARY STAKEHOLDERS
State & local governments, advocacy groups & NGOs, and communities both
near harvest and production locales

Maine’s Forest Landowners



Maine's Forest Landowners

- *Preliminary Finding No. 1*
  - *Small woodland owners are largely unaware of biomass harvest possibilities, techniques & processing*

Maine's Forest Landowners

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  - *Small woodland owners are largely unaware of biomass harvest possibilities, techniques & processing*
  - *Implication: Outreach will be needed to educate small woodland owners & those who interact with them about opportunities to supply biomass to the forest BioProducts industry*

Maine's Forest Landowners

- *Preliminary Finding No. 2*
  – *Small woodland owners with awareness of biomass harvests listed nutrient depletion, coarse woody debris, wildlife habitat & aesthetics among their concerns*

Maine's Forest Landowners

- *Preliminary Finding No. 2*
  - *Small woodland owners with awareness of biomass harvests listed nutrient depletion, coarse woody debris, wildlife habitat & aesthetics among their concerns*
  - *Implication: The ecological sustainability of biomass harvests will need to be demonstrated*

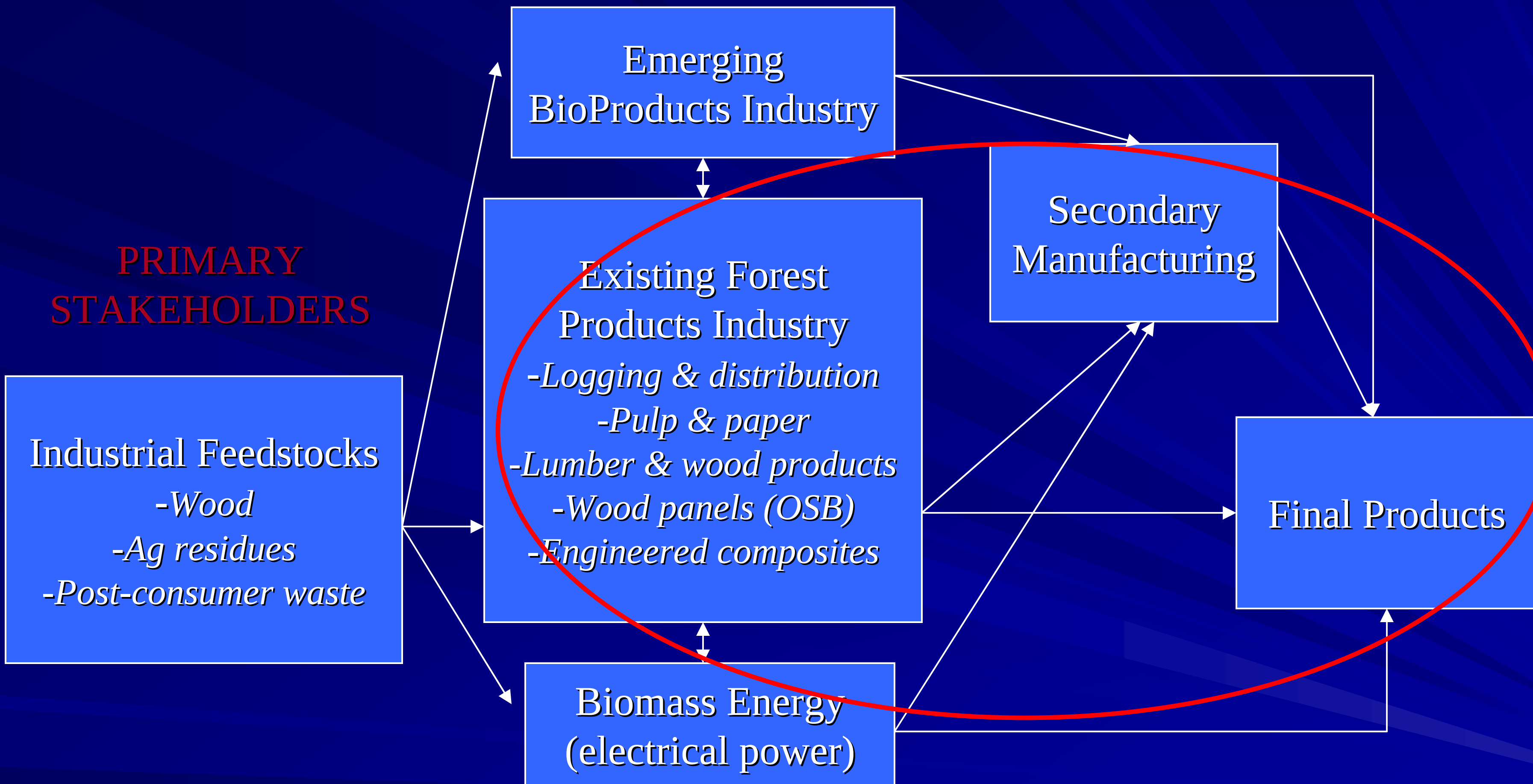
Maine's Forest Landowners

- *Preliminary Finding No. 3*
  - *Many landowners view biomass harvests as not requiring changes on their part – they are largely waiting on loggers & mills to invest in biomass harvesting & BioProduct production technology*

Maine's Forest Landowners

- ***Preliminary Finding No. 3***
  - *Many landowners view biomass harvests as not requiring changes on their part – they are largely waiting on loggers & mills to invest in biomass harvesting & BioProduct production technology*
  - *Implication: A hurdle to the success of the forest BioProducts industry in Maine may lie more with the FPI than with landowner acceptance of different harvest practices*

Primary & Secondary Stakeholders



SECONDARY STAKEHOLDERS

State & local governments, advocacy groups & NGOs, and communities both near harvest and production locales

Maine's Forest Products Industry

- *Preliminary Finding No. 1*
  - *Maine's traditional FPI can be characterized as highly independent & focused on their particular raw material feedstocks, processes & products*

Maine's Forest Products Industry

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  - *Maine's traditional FPI can be characterized as highly independent & focused on their particular raw material feedstocks, processes & products*
  - *Implication: Any coordinated approach to BioProducts development in Maine will need to be augmented by interests outside the immediate forest products industry…*

Maine’s Forest Products Industry

- *<u>Preliminary Finding No. 2</u>*
  - *Maine’s traditional FPI is largely unaware of BioRefineries as a process & BioProducts as industrial feedstocks & consumer goods*

Maine's Forest Products Industry

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  - *Maine's traditional FPI is largely unaware of BioRefineries as a process & BioProducts as industrial feedstocks & consumer goods*
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Maine’s Forest Products Industry

- *Preliminary Finding No. 3*
  - *Maine’s primary wood processors face limited raw material supplies & fully utilize the materials that enter their facilities*

Maine's Forest Products Industry

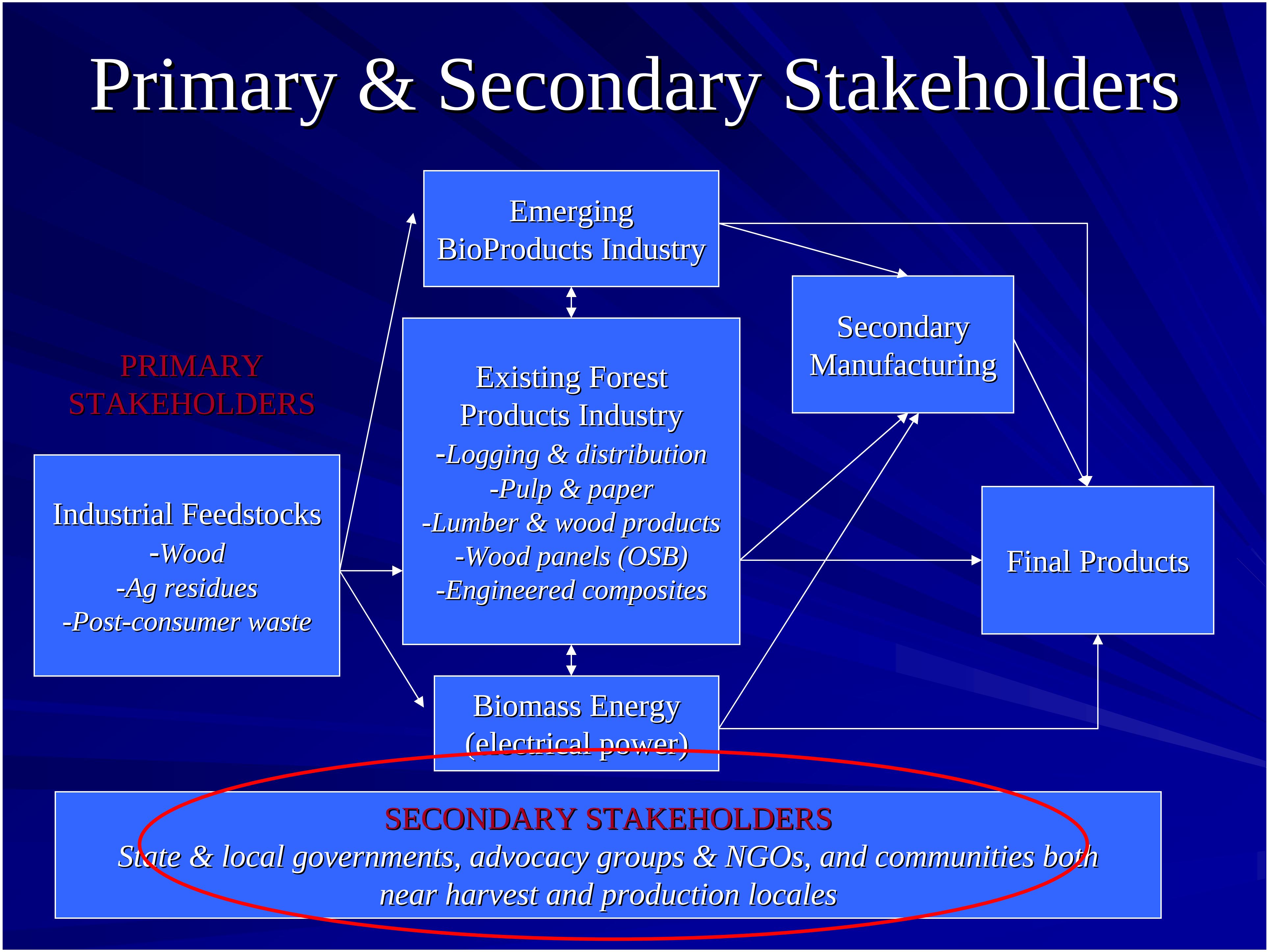
- *<u>Preliminary Finding No. 3</u>*
  - *Maine's primary wood processors face limited raw material supplies & fully utilize the materials that enter their facilities*
  - *<u>Implication</u>: The emergence of a BioProducts sector may increase raw material prices & alter existing feedstock flows. This suggests that improving in-woods utilization is a key factor in assisting the overall industry.*

Maine’s Forest Products Industry

- *Preliminary Finding No. 4*
  - *Maine’s logging sector is reluctant to invest in biomass technologies in part due to the collapse of the biomass market in the 1980s*

Maine's Forest Products Industry

- *<u>Preliminary Finding No. 4</u>*
  - *Maine's logging sector is reluctant to invest in biomass technologies in part due to the collapse of the biomass market in the 1980s*
  - *<u>Implication</u>: Policies may be needed to reduce or pool the risks & costs of investing in biomass harvesting & transport equipment*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Secondary Stakeholders

- *Preliminary Finding No. 1*
  - *Current & future BioProducts operations are embedded in very complex social, political & economic community infrastructures. These communities are also highly localized…*

Secondary Stakeholders

- *Preliminary Finding No. 1*
  - *Current & future BioProducts operations are embedded in very complex social, political & economic community infrastructures. These communities are also highly localized…*
  - *Implication: Each facility is a unique case that must be addressed on a number of fronts if it is going to be accepted & successfully implemented*