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# Ensuring Forest Sustainability in the Development of Wood Bioenergy

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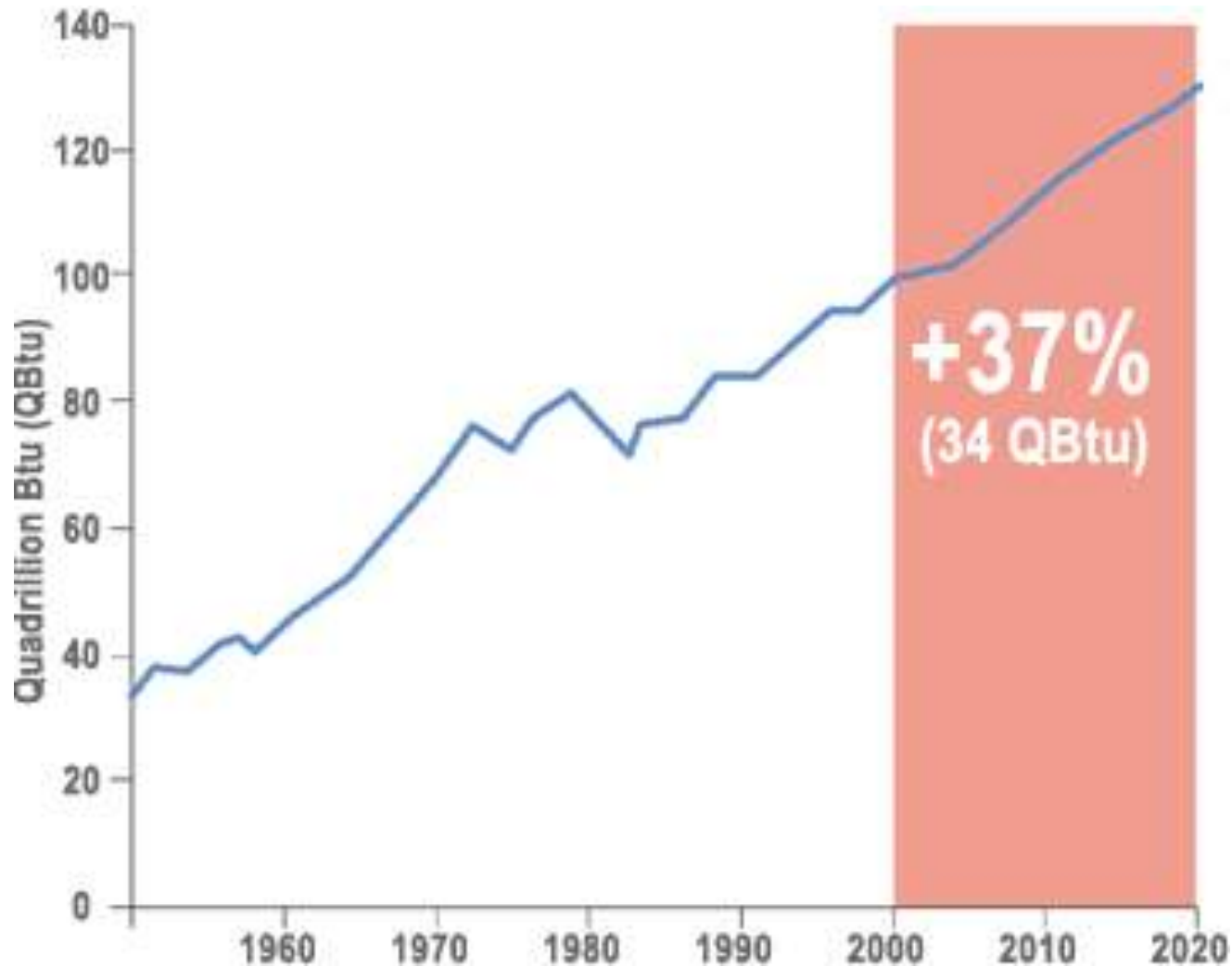




# CLIMATE CHANGE



# U.S. Energy Consumption Projections



Source: U.S. Energy Information Administration Statistics Center















# Desired Outcomes

- Accurate, up-to-date information on wood bioenergy technologies as a basis for better-informed dialogue on how best to take advantage of opportunities without engendering unintended negative consequences



# Desired Outcomes

- Information to help guide communities in making intelligent choices on:
  - Whether or not to attempt to attract investment in a new wood bioenergy facility
  - If so, which type of facility might be best suited to local circumstances—biophysical, economic, social, cultural

# Needs Identification

- Synthesis
  - Bring together information from a variety of sources, some developed originally for other purposes
  - Connect what we already know about sustainable forest management to the additional demands of extensive energy uses



# Needs Identification

- Research
  - How will woody biomass be grown, harvested, transported and processed for energy uses?
  - How does this fit with our existing vision and goals for sustainable forest management?
  - Need to address socioeconomic questions as well as ecological

# Needs Identification

- Policy
  - Likely effect of Federal policies (incentives, subsidies, trade tariffs) on wood bioenergy relative to
    - Other forms of renewable energy
    - Existing wood products manufacturing
  - Likely effect of state-level RPS on investment in new bioenergy facilities—differences among states?



# Needs Identification

- Policy
  - Need for national-level leadership on an enabling policy framework?
    - Overarching goals, research support, statistical reporting
    - State flexibility to adapt policies and plans to individual circumstances

# Needs Identification

- Policy
  - Role of Federal natural resource agencies in addressing policy barriers to desirable wood bioenergy development?
    - Private forests
    - Public forests

# Overarching Goals

- Not necessarily “answers” at this stage
- Brainstorm relevant questions and shape them so they can be effectively communicated to a broader audience
- Connect forest interests and energy producers to facilitate future networking
- Develop proposals for next steps



