Chapter 1. Trends and future of biomaterial markets
Priority Trends and Issues of Concern
- Limited value-added markets
- R & D new biomaterials markets and products
- Undervalued non-timber products
- Demographics
- Public Perception
- Transportation is a limitation

Measures of Success - Action Items
- Reevaluate current industry
- Increase younger workforce
- Increase investment in R & D of product improvement, markets
- Increase focus on higher value products
- Demo. projects for non-timber value from forest
- Branding and public relations
- Infrastructure investment and improvement

Chapter 2. Private lands, stability and potential to provide sustainable sources of biomaterials
Priority Trends and Issues of Concern
- TIMOs and REITs already harvesting
- Non-industrial private landowners
  - Cognitive dissonance

Measures of Success - Action Items
- Need better understanding of non-industrial resource
- Expand markets for non-industrial landowners
- New mechanisms to engage landowners
- Communication education for workers in contact with public

Chapter 3. State and federal lands: stability and potential to provide sustainable sources of biomaterials
Priority Trends and Issues of Concern
- Not harvesting allowable cut
- Policy limits some nontraditional biomaterials from public lands
- Nontraditional markets undervalued in management plans

Measures of Success - Action Items
- Pursue partnerships, stewardships with industry, other agencies
- Support rural development
- Support innovative R & D of biomaterials
- Demonstrations to engage public, investors

Chapter 4. Health and integrity of biomaterials supply chain
Priority Trends and Issues of Concern
- Uncertainty about resources, markets
- Lack of markets, not supply
- Geography and Infrastructure
- Atmosphere of competition, not collaboration
- Biosecurity with invasives, climate change

Measures of Success – Action Items
- Gather literature, information and make available for informed discussions
- Improve business case, develop industries
- Support training programs for workforce
- Invest in transport infrastructure
- Update policy and plans for biosecurity threats to be proactive, not reactionary

Chapter 5. Policy issues related to biomaterials
Priority Trends and Issues of Concern
- Difficult to initiate new business in MI
- Incentives lacking for wood use, carbon footprints
- Lack of coordination among forest/trade advocacy groups

Measures of Success - Action Items
- Improve the regulatory environment
- Incentivize
- Utilize existing programs
- Policies for biomass, nontraditional biomaterials
- Statewide, strategic plan for Initiative