

# Go Virginia Region 3 Council Executive Summary Report



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Prepared by GENEDGE/RTI and SPDC

## Key Regional Findings / Recommendations from HVWP Study

I. The Wood Industry needs work force development assistance for sustaining its current and potential future market demands. The need spans throughout the value chain based on direct employer feedback: Harvesters → Sawmills → Manufacturers

Recommendation: Council commission additional resources for further study of both apprentice and academic opportunities/needs

Potential Partners: IALR, SVHEC, local EDC's (incl. Brunswick, Halifax, etc.) and Community Colleges (DCC, PHCC, SVCC, etc.), sub-sector employers (Harvesters/Loggers, Sawmills, Wood Manufacturers)

II. The Wood Industry needs higher value applications for current wood waste (2.4MT/year)

Recommendation: Council support the creation of additional manufacturing jobs through both new and ongoing business attraction efforts(i.e. Enviva).

Recommendation: Council recommend regional EDC engagement/awareness of longer term (>3 years) biofuels efforts currently under investigation in Commonwealth of Virginia



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III. The Wood Industry needs further entry into structural engineered wood products that have growing market demands (incl. TMW and CLT)

Recommendation: Council commission an assessment of strategic Industrial Parks for TMW/CLT manufacturing readiness as a collaborative with the local/regional EDC (i.e. Halifax and/or Charlotte County IDA)

IV. The Wood Industry needs an ongoing, sustaining effort for continued business engagement of strategic investment opportunities based on developing market(s) demand

Recommendation: Regional economic development collaboration with Virginia Department of Forestry - currently starting a multi-year statewide market opportunity/prospect investigation



The opportunities considered include large markets and nascent markets with significant potential for growth.

| Product/Market                | Global Market (\$ millions) | US Market (\$ millions) | Global CAGR | US CAGR |
|-------------------------------|-----------------------------|-------------------------|-------------|---------|
| Raw wood waste*               | NA                          | 319                     | 0%          |         |
| Biofuels                      | 83,000                      | 53,700                  | 5%          | 3%      |
| Oriented Strand Board (OSB)   | 7,400                       | 4,900                   | 8%          | 4%      |
| Biochemicals                  | 49,200                      | 15,000                  | 11%         | 12%     |
| Wood pellets                  | 3,700                       | 210                     | 15%         | 10%     |
| Cross-Laminated Timber (CLT)  | 558                         | 65                      | 16%         | 14%     |
| Thermally Modified Wood (TMW) | 400                         | 40                      | 18%         | 13%     |

Note: Raw wood waste market size is an estimate of demand from Dominion Energy biomass-fired power plants in Virginia.\*



### PORTFOLIO ANALYSIS

