

Forest By-Product Processing Center
Camino, CA
Case Study Outline

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The Forest By-Product Processing Center (FBPPC) provides the infrastructure to utilize material obtained from the implementation of new and ongoing state, federal, and regional initiatives focused on the restoration and maintenance of forests, for the transformation of forest material into bioenergy; bio char; and wood products for emerging markets. Equally important, the FBPPC includes a state-of-the-art research and development/innovation center dedicated to the development and market application of nanocellulose technology.

- I. Executive summary
 - a. Study purpose: to demonstrate how the CAWBIOM (California Assessment of Wood Business Innovation Opportunities and Markets) models could be applied to a Forest By Product Processing Center in Camino, CA
 - b. Problem being addressed: Further develop identified “business opportunities that will help the U.S. Forest Service increase the pace and scale of forest ecosystem restoration”.
 - c. Identify gaps and weaknesses in policy
 - d. prepare business plans with actionable items for the most promising business opportunities.

- II. Introduction
 - a. Brief history of the site as a sawmill and circumstances leading to its closure
 - b. Resultant impact of mill closure
 - c. Site assessment as it relates to market segment modeled
 - d. Proposed recommendation

- III. Analysis
 - a. Quantity, quality, and sustainability of feedstock for each model given the site location

 - b. Market Analysis
 - i. While models illustrate “high level feasibility” for each market segment, there needs to be an analysis of what percentage of the market (market share) each model should strive to capture in order to be sustainable
 - ii. Demand versus supply as it relates to the site

- c. Economic Infrastructure (as applied to each model)
 - i. Cost benefit analysis
 - ii. Job creation
 - iii. Revenue generation
 - iv. Market development
 - v. Community revitalization and development
 - vi. Investment attraction and opportunities
 - vii. Risk profile/assessment

- d. Environmental/Physical Infrastructure (as applied to each model)
 - i. What is going to be built?
 - ii. Environmental concerns or considerations
 - iii. Size and scope
 - iv. Impacts on other infrastructure sectors

- e. Social Infrastructure
 - i. Workforce development
 - ii. Housing
 - iii. Health care
 - iv. Recreation
 - v. Public Safety

IV. Alternatives

- a. What modifications, if any, should be considered given the models presented
- b. What decision criteria should be considered when determining which model(s) (modified or not) to implement

V. Recommendation and Implementation Plan

- a. Recommended model(s) to be sited at Camino facility
- b. Establish an action plan and timeline
 - i. Investor ready business plan
 - ii. Who are the major players?
 - iii. When will different parts be implemented?