

EXECUTIVE SUMMARY

Happy Camp Community Action, Inc. All-Inclusive Biomass Campus Project

Happy Camp, Siskiyou County, California

Happy Camp Community Action, Inc. (HCCA) is advancing an all-inclusive Biomass Campus Project located on a former sawmill site in Happy Camp, California. The project converts underutilized forest biomass into durable economic value, clean energy, and community resilience infrastructure. It directly responds to the 2020 Slater Fire, which burned 157,220 acres, destroyed 212 homes, and eliminated approximately 40% of the town's housing stock.

Independent biomass supply, technology screening, and feasibility studies confirm that sufficient feedstock exists within a 15-mile radius of Happy Camp to support long-term operations without increasing overall harvest levels, while reducing hazardous fuels and improving forest health.

PROJECT STRUCTURE & PHASED DEVELOPMENT

Phase 1 – Specialty Sawmill: Small-scale production of high-value large timbers, glulam lamstock, and specialty lumber from forest restoration material.

Phase 2 – Power Generation (Air Curtain Burner): Conversion of mill residuals and low-value biomass into clean, behind-the-meter electricity.

Future Phase – Wood Wool Cement (R&D): Pilot-scale fire-resistant, energy-efficient wall panel manufacturing.

Future Phase – Community Resilience Center: Cooling center, emergency operations capacity, workforce housing, and community services.

CAPITAL REQUIREMENTS & FUNDING STATUS

- Biomass Campus Startup Capital (Phases 1–2): \$5–9 million
- Community Resilience / Cooling Center (future phase): \$5–10 million
- Funding Secured to Date: \$1.7 million
- Active Funding Requests: \$3.8 million
- Current Capital Raise (Ask): \$5–7 million

CAPITAL STACK (PHASES 1–2)

Public Grants (State & Federal): \$1.47M – Secured

Philanthropic Foundations: \$0.23M – Secured

Additional Public Grants: \$3.8M – Requested

Program-Related Investment / Debt: \$1.5–2.5M – Target

Impact / Mission-Aligned Equity: \$1.0–1.5M – Target

PROJECTED OUTCOMES

- \$3.4 million in annual revenue by Year 3
- 35–40% gross margins
- 9–15 full-time local jobs
- Measurable wildfire risk reduction, carbon benefits, and regional economic diversification

The Happy Camp Biomass Campus represents a de-risked, place-based investment opportunity grounded in third-party feasibility analysis and phased execution, transforming wildfire recovery and forest restoration challenges into durable economic infrastructure with strong financial, environmental, and community returns.