Butte County, CA
BDO Zone Rating: **'BBB'**

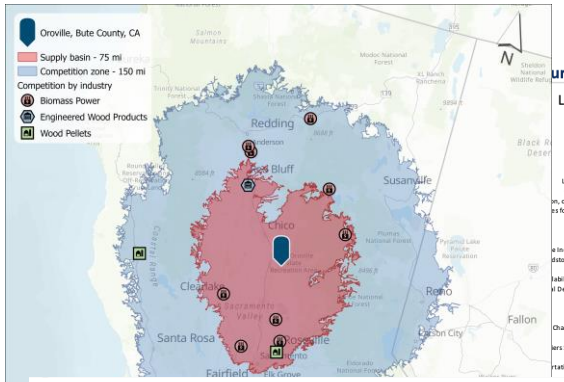
- ✓ **Rating Parameters:** Over 220 thousand tons/yr of low-risk woody biomass (pulpwood, forest residues, sawmill residuals) at $50-$117/bdt
- ✓ **Additional Feedstocks:** Potential access to large quantities of fuel reduction and fire-damaged salvage wood
- ✓ **Infrastructure:** Access to rail and seaports for cost-efficient transport of feedstocks and access to international markets
- ✓ **Competitive Edge:** Low risk of competition due to the limited market for small-diameter trees

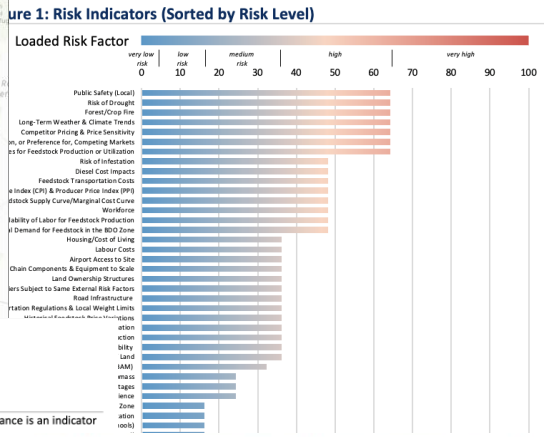
View and download the Butte County BDO Zone Rating here.

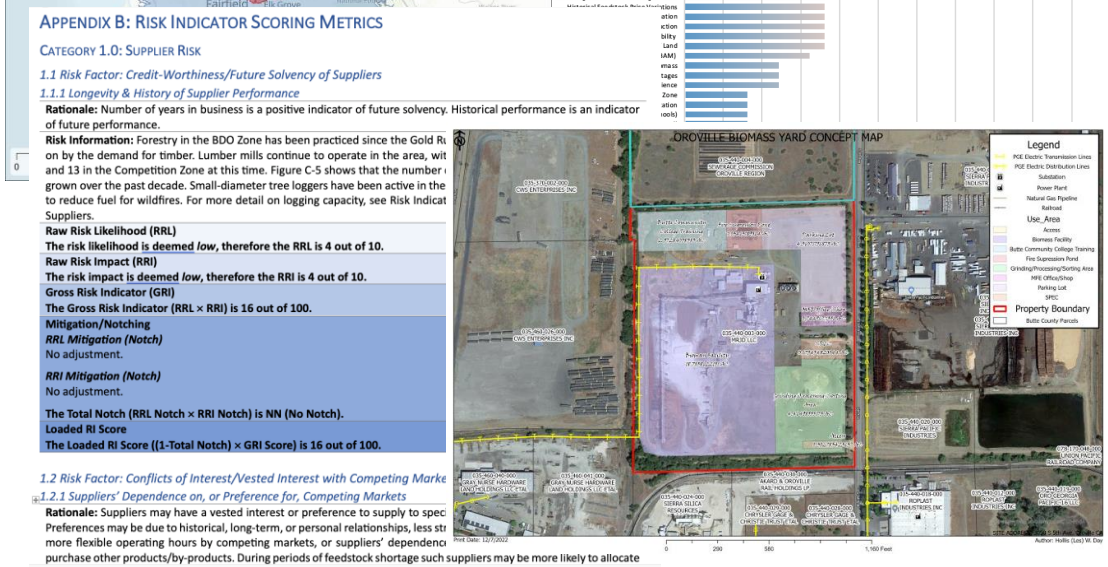
Bioeconomy Development Opportunity Zone Rating I BDO Zone Designation: Butte Co, CA
Date of Issue April 24, 2024
BDO Zone Rating: 'BBB'

BBB
Good Quality

The Butte County, CA, BDO Zone is rated 'BBB' for woody biomass. 'BBB' ratings denote good prospective viability of Feedstock Supply and Infrastructure and low expectations of default risk in the Zone. They indicate an adequate capacity of a region to support new biobased plant operations using woody biomass as a feedstock.






APPENDIX B: RISK INDICATOR SCORING METRICS

CATEGORY 1.0: SUPPLIER RISK

1.1 Risk Factor: Credit-Worthiness/Future Solvency of Suppliers

1.1.1 Longevity & History of Supplier Performance

Rationale: Number of years in business is a positive indicator of future solvency. Historical performance is an indicator of future performance.

Risk Information: Forestry in the BDO Zone has been practiced since the Gold Ru on by the demand for timber. Lumber mills continue to operate in the area, wit and 13 in the Competition Zone at this time. Figure C-5 shows that the number grown over the past decade. Small-diameter tree loggers have been active in the to reduce fuel for wildfires. For more detail on logging capacity, see Risk Indicat Suppliers.

Raw Risk Likelihood (RRL)
The risk likelihood is deemed *low*, therefore the RRL is 4 out of 10.

Raw Risk Impact (RRI)
The risk impact is deemed *low*, therefore the RRI is 4 out of 10.

Gross Risk Indicator (GRI)
The Gross Risk Indicator (RRL × RRI) is 16 out of 100.

Mitigation/Notching
RRL Mitigation (Notch)
No adjustment.

RRI Mitigation (Notch)
No adjustment.

The Total Notch (RRL Notch × RRI Notch) is NN (No Notch).

Loaded RI Score
The Loaded RI Score ((1-Total Notch) × GRI Score) is 16 out of 100.

1.2 Risk Factor: Conflicts of Interest/Vested Interest with Competing Marke

1.2.1 Suppliers' Dependence on, or Preference for, Competing Markets

Rationale: Suppliers may have a vested interest or preference to supply to spec Preferences may be due to historical, long-term, or personal relationships, less str more flexible operating hours by competing markets, or suppliers' dependenc purchase other products/by-products. During periods of feedstock shortage such suppliers may be more likely to allocate

BD | BIOECONOMY DEVELOPMENT
OZ | OPPORTUNITY ZONE INITIATIVE



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Butte County, CA, Biomass

BBB Rating

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September 2024

Butte County Fire History

Butte County has experienced 9 federally-declared disasters in recent years, with 100+ fatalities and the loss of 14% of its housing stock:

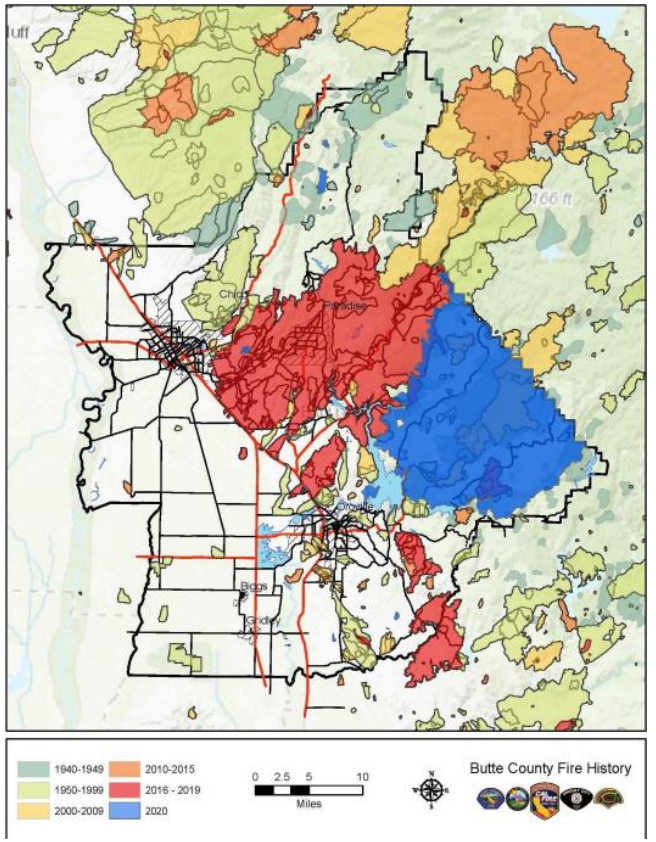
2017 Cherokee Fire, Ponderosa Fire, Wall Fire
- 2 fatalities, 140 homes and businesses destroyed

2018 Camp Fire
- 85 fatalities
- 13,696 single-family homes destroyed
- 276 multi-family structures destroyed

2020 North Complex Fire
- 15 fatalities
- 2,445 homes and businesses destroyed

2022 Dixie Fire
- Nearly 1M acres of forested land

2024 Thompson Fire, Park Fire
- 450+ structures destroyed
- 55,000+ acres of forested land



Butte County Fire Safe Council & Butte County

Formed a task force to build capacity and expertise for biomass business development

Task Force Members:

Butte County Administration
Cities of Gridley, Biggs, and Oroville
Butte-Glenn Community College District
Butte County Fire Safe Council
3CORE & Chabin Concepts



Development Opportunity Site 1

Seidenglanz Industrial Lands

39 acres

Former lumber mill (APN 035-270-016)

Suggested development at the rear of the property for specific users.



Development Opportunity Site 2

Cal Oak Road Site

15-acre site at the east end of Cal Oak Road (APN 035-400-004) and its 10-acre neighbor (APN 035-400-005)

Previously slated for a biomass-to-energy facility, soon to occupy another location.



Development Opportunity Site 3

Highway 70 Industrial Park

113 acres (former LP lumber mill)

Redevelopment of some old buildings at the rear and development of the 14-acre portion at the southeast corner of the parcel (APN 035-470-006).



Social infrastructure and workforce assets

The Chico Metropolitan Statistical Area (MSA), including Oroville, offers a significant labor pool. With 92,600 employees in the MSA and approximately 14,000 in Oroville, the region supports various manufacturers requiring operation engineers, operators, technicians, and engineers. Chico State University provides relevant degrees in Mechanical, Mechatronic, Advanced Manufacturing & Applied Robotics, Computer, and Electrical Engineering. The Alliance for Workforce Development assists with recruitment, screening, and training.

Local Incentives

- Fast-tracked Permit Process: Permitted use in M2 Zone with Design Review and traffic impact analysis, taking 3-4 months.
- Federal Opportunity Zone: Encourages investment groups to invest in the zone for tax credits.
- California I-Bank: Offers Industrial Development Bonds and other tax-exempt financing for manufacturers.
- California Recycle Market Development Zone: Provides loan incentives up to $2 million for using post-consumer waste.
- California Competes Tax Credit: Significant incentives for job creation and investment, evaluated annually by the Governor's Office.
- Alliance for Workforce Development: Offers contract training, hiring assistance, employee pre-screening, and reimbursement.