



Natural and Cultural Resources RSF

POTENTIAL PROJECTS

Biomass Product Innovation [Wood Fiber Growing Media Feasibility Study]

Project Goal

Development and support of biomass product innovation.

Project Need

There is a significant need to be able to deal with the excess biomass from the forests in a way that creates industries and value added wood products which can contribute to the economic stability of the region.

Project Description

Aid in the development of industries and products from woody biomass "feedstock" to provide for economic growth. Some of the ideas presented were biomass energy, biochar, and wood fiber growing media. Innovations could include a variety of value added wood products and the marketing of these products for export.

A related project will examine the viability of setting up a wood fiber processing plant in Plumas County to produce wood fiber growing media for the Cal agriculture sector. It will research the value and feasibility of using local conifers to process into wood fiber that would provide a lower cost alternative for peat moss or coco coir. Additionally it would examine the cost benefit of facility startup including infrastructure, long term sustainability, effect on environment and the community as well as determine appropriate funding sources to initiate the program products and the marketing of these products over the Internet.

Project Champion

Dixie Fire Collaborative

Cost Estimate

Less than \$800k

Partners

- UCANR
- Plumas County
- CDFA
- USDA

Timeline

3 to 5 years

Potential Resources

- USDA Grants
- CDFA Grants
- Plumas Innovation Hub

Challenges

Challenges for implementing these project include the securing of funding, the navigation of government regulations, the current lack of facilities, and the current labor market.

Community Capacity

To be determined

Sustainability & Resiliency

To be determined

Action Items

To be determined

Scan the QR code to provide feedback on this project





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POTENTIAL PROJECTS

Greenville Community Park and Wolf Creek Trail System Enhancements [Hillside Project Learning Living Laboratory]

Project Goal

Improvements to Greenville Community Park, including a pathway for pedestrians along Wolf Creek, park redesign and improved multi-modal access to the park, will enhance the safety and quality of life of local residents, provide an attraction for tourists, and improve the health of the stream that flows through Greenville.

Project Need

Wolf Creek is an essential asset to Greenville that has been effectively ignored. Highlighting this stream -- making it a core part of the town's amenities -- would enhance the quality of life for residents and attract tourists. Restoring the creek's natural channel would provide flood control to the many private property owners along the creek. That, in turn, would benefit the town itself. A path along the creek would also provide a buffer from fire.

This project also will identify improvements to Greenville Community Park and improve multi-modal access to the park. This trail would provide a future link to the proposed Hillside Project Learning Living Lab, which is a longer-term project (over 5 years), proposed outside of Greenville as a demonstration forest management project to all of Plumas County.

Project Description

This project would develop a trail to connect Plumas National Forest Greenville Campground north of town to the Greenville Community Park and also provide a future link to the proposed Hillside Project Learning Living Lab. It will also identify ways to enhance Greenville Community Park and improve pedestrian/bicycle and vehicular access to the park.

Project Champion

Tyler Pew and Jane Braxton Little

Partners

- Dixie Fire Collaborative (DFC)
- Indian Valley Recreation & Park District (IVRPD)
- Plumas County Public Works Department
- Sierra Institute
- Maidu Summit Consortium
- California College for the Arts, Plumas Corps
- Indian Valley Community Services District (IVCSD)

Challenges

Project proponents would have to negotiate easements from private property owners along the creek.

Sustainability & Resiliency

Streams are among Plumas County's most enduring national resources. Healthy streams are essential to community safety and resilience countywide. Park improvements, along with better access, will greatly enhance the park's utility to Greenville and Plumas County residents and promote local (in-town) recreational uses.

Community Capacity

A recent downtown survey conducted by the Dixie Fire Collaborative Steering Committee found that 57 percent of the respondents supported this part of the project. No community funding has been allocated or is under discussion.

Action Items

- Further develop project concept.
- Research property ownership and rights of way/easements related to the project concept.
- Identify potential funding sources.

Cost Estimate

To be determined

Timeline

3 to 5 years

Potential Resources

- Caltrans Active Transportation Program (ATP)
- NPS Rivers, Trails, and Conservation Assistance (RTCA) Program



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POTENTIAL PROJECTS

Habitat and Watershed

Restoration [Assessment of Post Fire Wildlife Movement, Post Fire Watershed Assessment, Watershed Restoration Coordinator, and Plumas Emergency Forest Restoration Team (EFRT)]

Project Goal

The project will assess priority watersheds within the Dixie Fire footprint for damages affecting aquatic habitat, including damaged crossings, increased sedimentation, erosion and barriers to fish passage. The goal is to monitor and track the wildfire impact on wildlife habitat and movement and to continue and support the efforts of the EFRT in addition to retaining a project coordinator to steward the many involved parties.

Project Need

The project continues to support efforts toward realizing substantial benefits to watershed and habitat conditions and resilience. The project will identify road stream crossings of salmonid habitat in areas burned by the Dixie Fire in 2021 that are risks to water quality and fish habitat. The project will also involve conducting a comprehensive assessment of wildlife migration patterns and habitat use before and after the fire. The project will develop strategies to support the recovery of fish and wildlife populations and promote biodiversity in the region. The project will identify and hire a coordinator position.

Project Description

This project includes ongoing and future assessments, project planning and design, environmental compliance, implementation, and monitoring of habitat and watershed restoration efforts.

Challenges

Coordinating partners, programs of work, and individual projects, workforce capacity and workforce housing.

Project Champion

Coordinator position to be determined

Partners

- South Lassen Watershed Group
- Maidu Summit Consortium
- US Fish and Wildlife Service
- Plumas Audubon Society
- Feather River Land Trust (FRLT)
- California Department of Fish and Wildlife (CDFW)

Community Capacity

There are existing partnerships and watershed partners already doing this work such as the South Lassen Watershed Group Lassen Headwaters project, Maidu Summit Consortium with USFWS, Plumas Audubon with USFS, CDFW, FRLT work with NFWF, Plumas Corporation, and Feather River RCD.

Sustainability & Resiliency

Restoring forests and native species with an emphasis on fire and drought resistant species will increase the County's resiliency by decreasing the potential for erosion and slides, habitat loss, and catastrophic fires. This will be further enhanced by the EFRT efforts to remove fuels around communities that will prove to be a wildfire risk in the future. EFRT's reforestation efforts plant trees at densities that are predicted to be more resilient to wildfires.

Action Items

- Refine overall project and program(s) scope
- Develop proposal to fund a coordinator position
- Environmental compliance
- Project implementation
- Project effectiveness monitoring

Cost Estimate

To be determined

Timeline

More than 5 years

Potential Resources

- Upper Feather River IRWM
- Plumas County Hazard Mitigation Plan
- CDFW grants
- NFWF grants
- SNC Watershed improvement plan
- VWRCB
- USFS



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POTENTIAL PROJECTS

Historical and Cultural Activities and Sites Restoration [Greenville Cy Hall Memorial Museum]

Project Goal

To enhance/restore the cultural activities and sites damaged by the Dixie Fire and to rebuild the Greenville Cy Hall Memorial Museum for the town of Greenville and the communities of Indian Valley.

Project Need

This project provides an opportunity for the Indian Valley communities to look back and forward simultaneously. The shared history, memories, photos, artifacts, and stories associated with the Museum, help to mold and define the culture and character of any community. The project can bring back the Museum and perhaps enhance it with additional resources. It also may be an opportunity to recognize the impact of the Dixie Fire and Greenville's moving forward from it.

Project Description

The project would entail rebuilding the approximately 3,000 to 3,500 sq. ft. of museum, office, and storage space lost in the fire. Consideration could be given to enhanced grounds and potentially a memorial site to the fire and its impacts.

Challenges

The major challenge is financing. The museum was under-insured. Need assistance with grants and grant writing, and project administration. Sometimes a broader perspective on a project can enhance private funding opportunities.

Project Champion

Greenville Cy Hall Memorial Museum Board, Travis Rubke, President

Partners

- Greenville Cy Hall Memorial Museum members
- Others to be named

Community Capacity

The museum board and the community are committed to rebuilding the museum. The rebuilding will be accomplished using insurance money, any settlement funds, and grants received.

Sustainability & Resiliency

In the words of George Santayana "Those who cannot remember the past are condemned to repeat it." Remembering the past should make our communities both more resilient and sustainable by allowing us to avoid repeating past mistakes.

Action Items

- Secure funding
- Consider whether to pursue an expanded project scope
- Develop building plans/ obtain permits
- Bid the work
- Build new museum and grounds
- Gather artifacts and photos — prepare new museum displays

Cost Estimate

\$1 to 2 million

Timeline

3 to 5 years

Potential Resources

To be determined

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POTENTIAL PROJECTS

Tribal Integration & Needs

Project Goal

The goal of this project is to develop Tribal integration with recovery activities through partnerships and opening lines of communication in order to address Tribal needs and cultural preservation.

Project Need

Tribes are an essential component of the Plumas County community. The inclusion of the Tribes in the wildfire recovery process is absolutely critical for the journey towards whole community resiliency. Above all, this project is in direct support of the cultural preservation of the community's rich history and the significant contributions Tribal presence has had in shaping its identity.

Project Description

This project will consist of multiple lines of effort. These lines of effort, in combination with each other, develop a holistic strategy to address Tribal concerns and needs through partnership development and inclusiveness.

Challenges

The challenges presented with this specific project are complex. It will require significant coordination efforts across multiple agencies in order to implement. Additionally, there are major constraints with Tribal capacity. Most of the Rancherias operate with very minimal staff, and their ability to manage grants/grant applications may be strained.

Project Champions

- Greenville Rancheria
- Enterprise Rancheria
- Susanville Indian Rancheria
- Mooretown Rancheria
- Roundhouse Council
- Maidu Summit Consortium

Partners

- Plumas County
- Sierra Institute for Community and Environment
- CA State Parks
- U.S. Forest Service

Community Capacity

There is 100% commitment from Greenville Rancheria on this line of effort, and significant Tribal support ready to assist with project planning implementation. The Tribes are not only heavily invested in the success of Plumas County recovery, they are a critical component of what makes this community run.

Cost Estimate

Than less \$5 million

Timeline

3 to 5 years

Sustainability & Resiliency

Through comprehensive forest management, workforce development, and cultural preservation, the Tribes hope to create an environment that is more sustainable and resilient for the whole community.

Action Items

- Integrate with local planning and implementation discussions
- Rebuild Roundhouse
- Rebuild Greenville Rancheria Medical & Dental Clinic
- Develop housing
- Native Plant/Plant Medicine Preservation and Land Management

Potential Resources

- North Valley Community Foundation
- U.S. Dep of Treasury

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