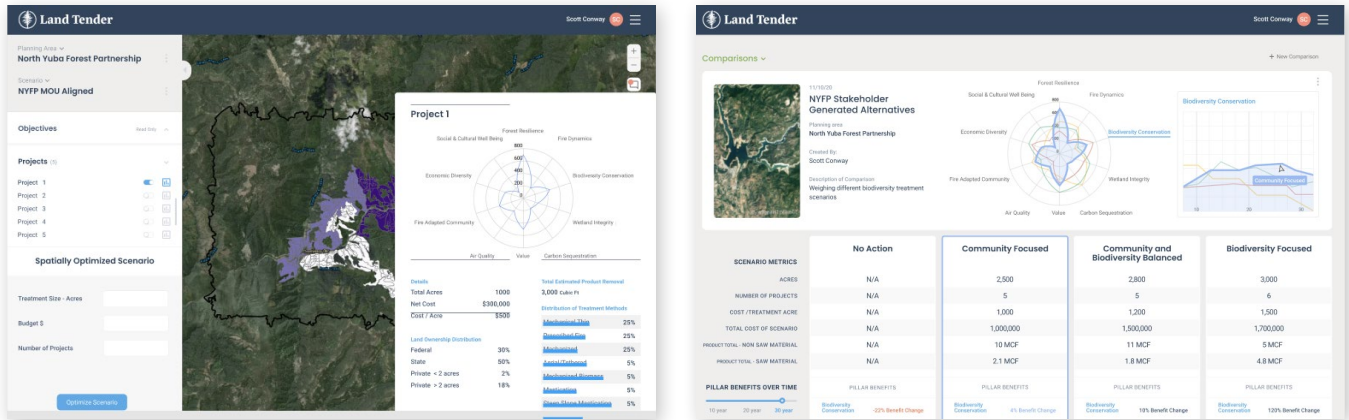




Land Tender

by vibrant planet

*Safeguarding wildlands & the communities
that depend on them*



Land Tender is a cloud-based visual scenario building and decision support application built to:

- Quantify the value of and risks to community assets and surrounding natural resources.
- Model forest treatment scenarios exposed to predicted disturbances, like wildfire and drought, and identify mitigatable risk.
- Provide scientifically-driven, auto-generated forest treatment recommendations and hazard mitigation to reduce the risk of those disturbances, and maximize the ecological, social, and economic benefits local communities care about most.
- Enable more efficient and effective collaboration between multiple stakeholders.

Accelerating the collaborative land planning process

Land Tender was designed with significant input from land managers, decision makers, emergency responders, scientists, NGOs, and local/regional policy makers to streamline the process of land management planning and disturbance risk mitigation in wildland connected communities. Land Tender leverages high-resolution, unified data to enable stakeholders to assess the current state of wildlands and community risk/resilience, then create and compare potential risk mitigation and treatment scenarios, enabling well-informed decisions in days rather than years.



How it works:

1. Access

Community collaboratives or land managers purchase a Land Tender license and set up a project page on Land Tender. Managers and stakeholders are then invited to participate on the live project page.

2. Assess

Key assets and resources within the project area, including human infrastructure and natural resources like habitat and critical watersheds, are inventoried, appraised and mapped.

3. Treatment scenario generation and comparison

Collaborative members then weigh a set of comprehensive project benefits (e.g. fire risk reduction, carbon sequestration, water reliability, biodiversity, etc) to generate multiple wildland treatment scenarios. Each scenario is put to the test with state-of-the-art vegetation growth and disturbance predictions, enabling stakeholders to quantify how wildlands and communities fare into the future under each treatment scenario, as well as the consequences of doing nothing. Each scenario then automatically estimates and packages treatment costs, projected loss, avoided loss, and economic benefit summaries of each scenario for easy comprehension and comparison.

Managers and collaboratives can then download the results into their management framework, allowing decision makers to identify and implement management actions with confidence.

4. Track and Adapt

Most importantly, Land Tender is a living system that is able to track planned and unplanned changes in wildland environments. This allows communities to consistently measure treatment effectiveness over time, enabling them to adapt management plans based on what has changed and what has worked.

“Western states are at a point that they must choose what kind of fire communities will live with in the years to come: low-intensity, restorative wildland fire such as large landscape prescribed fires or continue with the status quo larger, more destructive wildfires, but this choice requires restoration at a massive scale. A dynamic application like Land Tender can support forest restoration and monitoring at scale so that we actually have a choice, and, ultimately, get more ‘healthy’ fire back on these fire-adapted landscapes.”

Kelly Martin, Former Chief of Fire and Aviation, Yosemite National Park

 **Contact**
info@landtender.com
for more information.



Land Tender advising services

Although Land Tender is built to be self-serve, our team can also provide community collaboratives and land managers with additional services, including:

- Data assessments and acquisitions
- Customized land management planning
- Ecosystem services evaluations
- Wildland urban risk mitigation planning
- Evacuation planning (in partnership with Zone Haven)
- Custom monitoring services

About Vibrant Planet

Vibrant Planet is building critical data and technical infrastructure for keeping communities and ecosystems safe in the face of catastrophic wildfire and climate change. The founders were leaders at Lyft, Netflix, Box, Guidewire, Facebook, Omidyar Network, and the USFS. Vibrant Planet is a mission-driven hybrid, made up of a 501c3 nonprofit Data Trust, shepherding resilience-focused data for the public good, and a Public Benefit Corporation, offering visual scenario building and decision support applications for land management and other wildfire and climate change related risk mitigation and adaptation challenges.

“For those interested in sustainability and resilience – governments, communities, collaboratives – scenario planning has long been the preferred method for gaming changes in underlying conditions, developing potential responses, and instituting more robust adaptive management strategies. Key barriers are always the acquisition of high-quality data and the employment of state-of-the-art modeling platforms. Decision-support tools like Land Tender can help to bring scenario planning into the realm of the possible for people and groups interested in staying ahead of change.”

Hugh Safford, Ecologist, USDA Forest Service & University of California-Davis

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