



Fire Safe San Mateo County

July 14, 2021
General Meeting Minutes

Online conference call. No in-person meeting

Commence 9:35 AM

Attendance:

Online Zoom conference call in lieu of in-person meeting due to COVID-19 meeting restriction due to sheltering-in-place order.

44 members attended the meeting.

I. Introduction

Executive Director Denise Enea welcomed all members who called into the meeting. Introduced first presenter

II. Presentation Vibrant Planet: Scott Conway; Land Tender – cloud based mitigation mapping for multi-jurisdictional environment

Hybrid company with data trust available to public.

- The company is growing fast and made up of tech companies
- Land Tender is the first Application
 - Working with local geographies, starting with Stanford University
 - Provides Quantitative Wildfire Risk Assessment
 - Proven on multiple jurisdictions with multiple stakeholders
 - Economic base for valuable data (system to consume data and make it actionable)
 - Quantifies risk and what to do with that risk
 - Quantifies ecological benefits
 - Land Tender is not a multi-tool; it is designed for a sophisticated user and is only as good as the data going in.
 - Goal is to have data California wide
 - Users can draw project areas on map and have instant access to data such as vegetation, power infrastructure, fuel breaks, wildlife, and disturbances

- This data helps with scenario planning, also where you should go to do work for the biggest return (the most strategic areas are not always the largest areas). Costs are also quantified
- Data sets can be verified (where the data came from)
- Data receives quarterly and annual updates, leading to true adaptive management
- Relies on remote sensing to gather information
- Can produce scenario-based fire modeling, this could help to focus efforts, such as which homes should be prioritized for home hardening efforts
- Currently working in Tahoe, Marin, and Santa Monica Mountains. Would love to work in San Mateo County
- Scott's email from the chat: Scott@vibrantplanet.net

III. Presentation Wildfire Cameras: PANO, Arvind Satayan & Rafi Sands

Actionable Intelligence for Wildfire Management (wildfire camera with artificial intelligence)

- Silicon Valley based
- Early Fire Detection. Most fires are reported via 911, and directions are often not reliable
- Founded in response to calls for innovation
- Focused on Early Fire
- Can monitor conditions (viewshed analysis) and potentially help with risk assessment
- Rotates and allows user to zoom in (take optical control)
- Deployed on private property and cell towers
- Deployed in California, Colorado, and Oregon
- User can manually create a dot where the incident is on the camera image and start a page for that incident. The dot creates a bearing line to triangulate the location of the incident
- Looking to integrate other hardware sources such as satellite detection
- Private properties are pixilated to maintain privacy of private residences
- Price is still being flushed as commercial value being determined

IV. Updates

Advisory Committee Update

- FSSMC is forming this committee. Zones have been set up (North, Mid Coast, South Coast and South Bayside). Looking for two delegates for each zone. Those interested in serving will need to send in a letter of interest to the Fire Safe Council.

Projects Underway- Updates from Denise

- Hwy 35/ PG & E Project
- Thornwood (firesafe and Midpen got grants for this)
- Teague Hill

Chipping update

- Successful chipping events completed in Loma Mar, Dearborn Park, Lower Alpine Rd, Pacifica, and Weekend Acres
- Current chipping events include La Honda, Kings Mountain (almost 400 homes), and Crestmoor
- Upcoming chipping events are planned for Devonshire, Palomar Park, NE Emerald Hills, and Highlands

Updates from Sheena from the RCD about Forest Health Projects and PWP

- The Forest Health Grant is funded through CAL FIRE and will treat 400 acres
- Projects include Wunderlich, Huddart, Girl Scout Camp, and some planning for Butano State Park
- Wunderlich and Huddart fuel reduction is in progress and will occur over two years
- Girl Scout camp just put in a request for bid and will be the first to use the PWP
- The PWP (Public Works Project), a programmatic permit, was recently approved
- The PWP will streamline fuels reduction projects in the Coastal Zone

Update From Sarah Collamer CAL FIRE

- Mitigated Negative Declaration for SFPUC public comment is underway

V. [Adjourn next meeting August 11, 2021](#)