



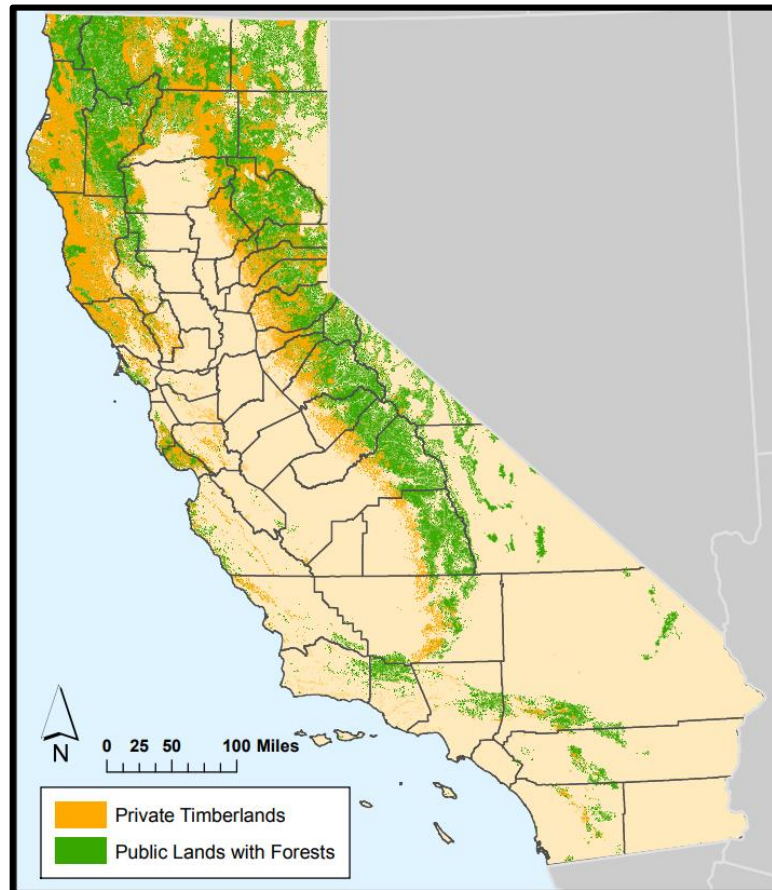
California Forest Ecosystems Assessment and Planning Tool

September 2020 Update to Board of Forestry

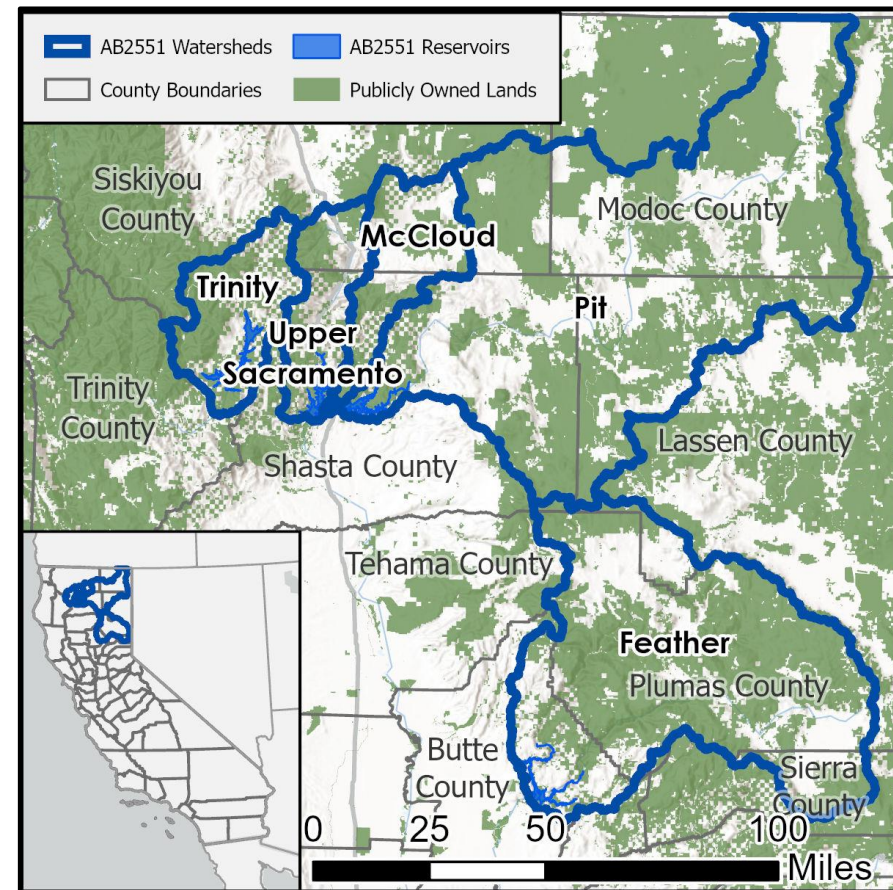
Loretta Moreno, Natural Resources Agency
Keali'i Bright, Department of Conservation

Statewide Planning

AB 1492 Monitoring and Assessment



AB 2551 Spatial Assessment & Prioritization Planning



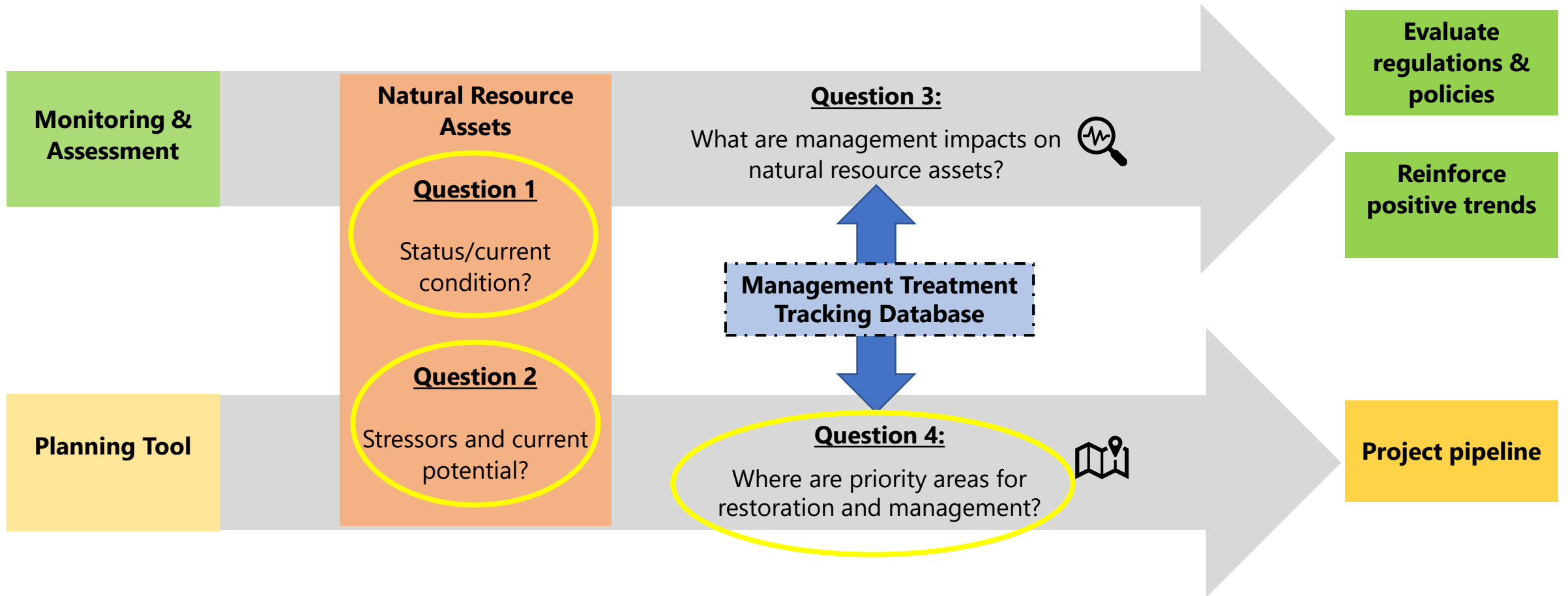
Objective

*AB 2551: "...a **plan for forest and watershed restoration investments** for the drainages that supply the Oroville, Shasta, and Trinity Reservoirs...*

*...**spatially explicit plan**...to **establish a comprehensive understanding of restoration needs and prioritize investment opportunities** that will improve watershed function and resilience, water quality and supply reliability, forest carbon stores, wildlife habitat, and climate adaptation..."*



Overview



Natural Resource Assets: water, carbon, biodiversity, forest structure, etc.

Stressors: fire, drought, disease (climate factors), development, etc.

Management: harvest/fuels mgmt., conversion, restoration, conservation, etc.

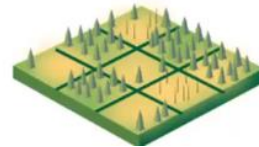
One Integrated Tool

Produce data and analytics with spatially explicit quantification of natural resource assets to include the assessment of:

- ***Natural Resource Assets***



- ***Stressors/Indices of Risk***



related to watershed function and resilience, wildfire resilience, water quality and supply reliability, forest carbon stores, wildlife habitat, and climate.

Investment Prioritization – Scenario Planning

*Based on a completed spatial assessment, develop scenarios of priority management locations, that **integrate established priorities** (local, state, federal), to inform future policy making and investment decisions on management and restoration.*

- Tribal government led watershed and project priorities;
- The USDA Forest Service Region 5 analysis of Priority Areas for Treatment;
- CAL FIRE's Fire Resource and Assessment Program (FRAP);
- The Pacific Forest Trust Risk Assessment of California's Key Watershed Infrastructure;
- CAL FIRE Unit Plans for Siskiyou; Shasta-Trinity; Lassen-Modoc-Plumas; Butte; and Nevada-Yuba-Placer;
- Sierra Nevada Conservancy Watershed Improvement Program/Strategic Investment Program;
- Fire Safe Community Plans;

Policy and Technical Boards



- Air Resources Board
- State Water Resource Control Board
- Central Valley Water Board
- Sierra Nevada Conservancy
- CAL FIRE
- Department of Conservation
- Department of Water Resources
- Public Utilities Commission
- Department of Fish and Wildlife
- Tribes



Deliverables Shall:

- *be made updatable, adaptable and scalable for use in other locations, statewide;*
- *include all source code in an open source format for products and analysis carried out under the Initiative.*

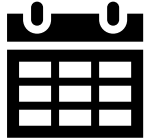
Stakeholder Outreach

- *Watershed-specific collaboratives;*
- *Local governments;*
- *Resource Conservation Districts;*
- *Water Agencies;*
- *Utilities;*
- *Industry;*
- *Non-governmental organizations; and*
- *Community groups, private landowners*

Timeline



Lock in contract in Fall 2020



Program funding must be spent by January 2023 (sooner!)

References

AB 1492 Statewide Forest Ecosystem Monitoring and Assessment

<https://resources.ca.gov/Initiatives/Forest-Stewardship/epm>

AB 2551 Headwaters Revitalization Initiative

<https://resources.ca.gov/-/media/CNRA-Website/Files/Initiatives/Forest-Stewardship/3020-300-AB-2551-Spatial-Analysis-and-Priority-Planning.pdf?la=en&hash=EBE166BC9A0A48D51D4053041AF57FC56CD C2A96>

