

Creating Voluntary Environmental Markets and Science-based solutions for People and the Environment

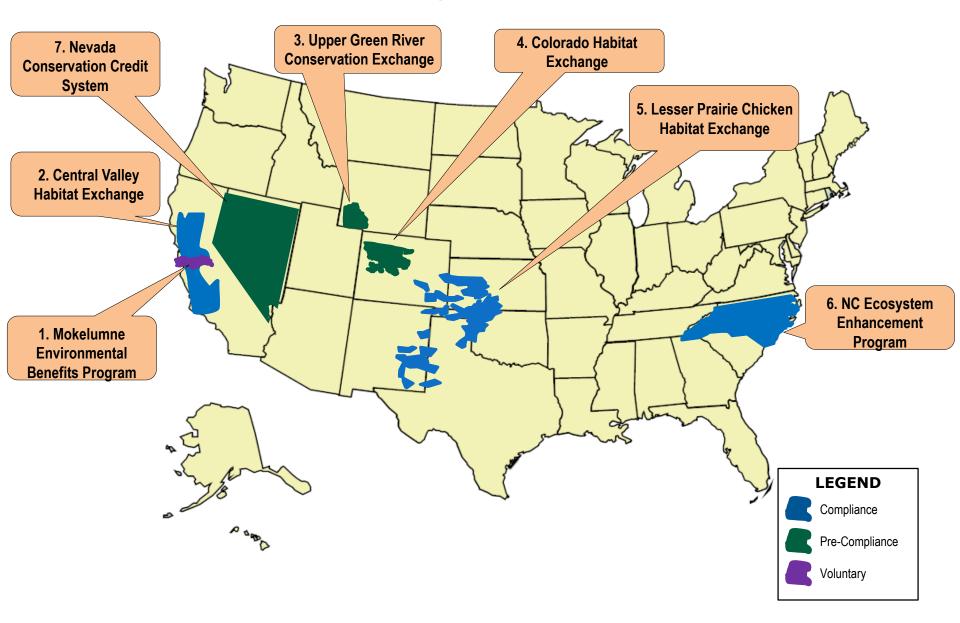
ACES Conference December 10, 2014

Photo: Jacob Katz

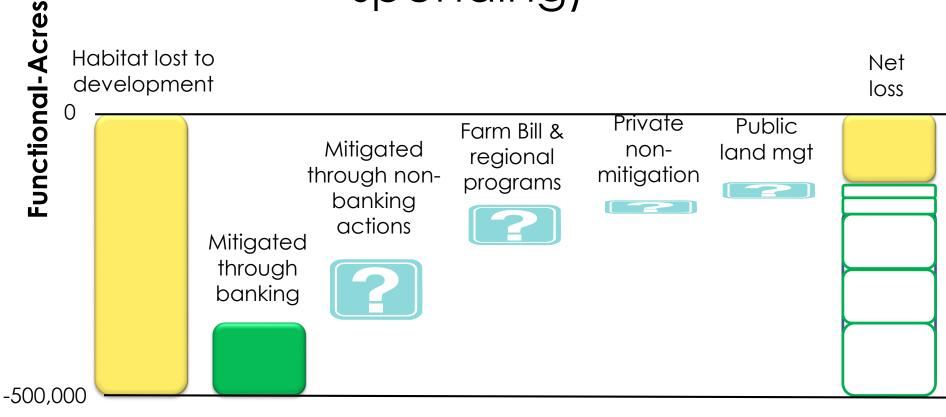




Habitat Exchanges in Development



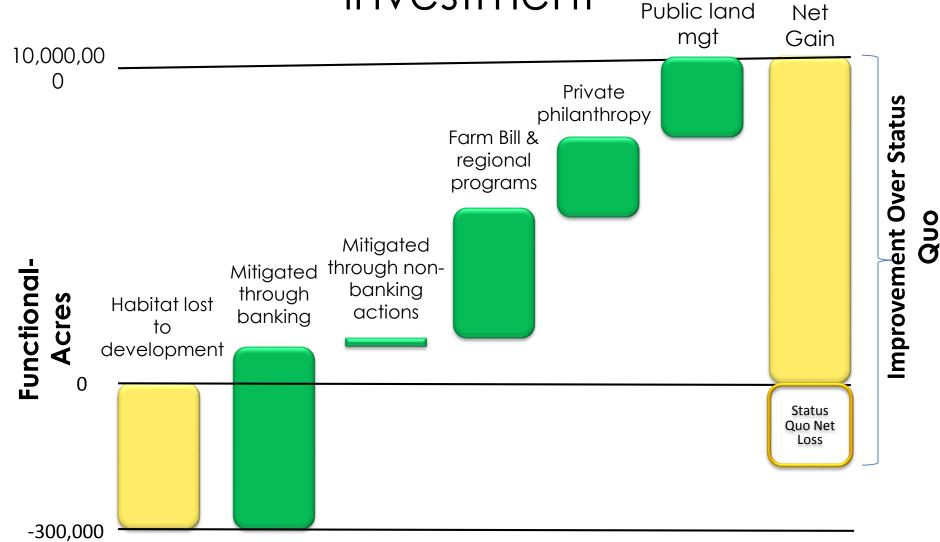
Problem: Net loss of habitat annually (despite \$20 billion in spending)



Numeric values are rough estimates for illustration only



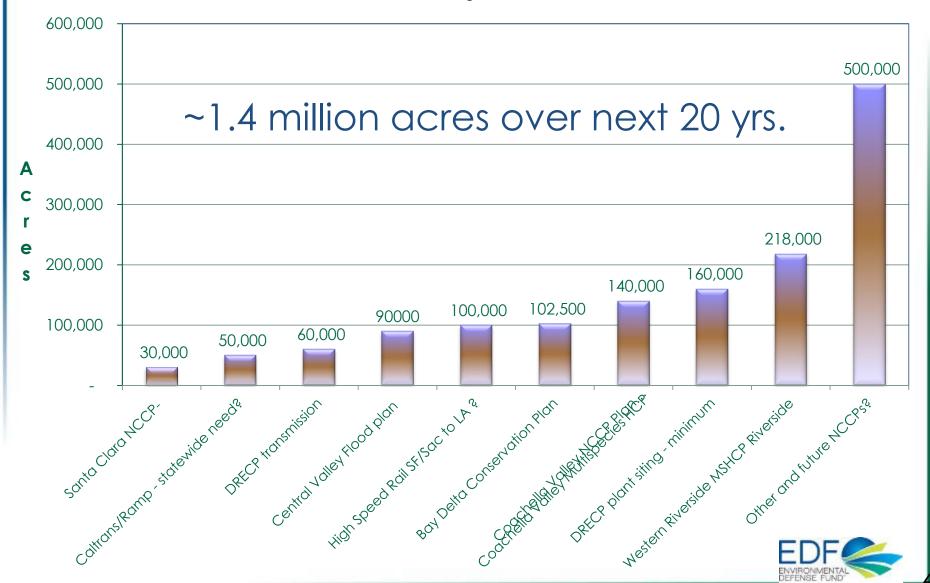
Vision: Performance based investment





Numeric values are rough estimates for illustration only

Need: Significant Conservation & Mitigation Demand Projected in CA



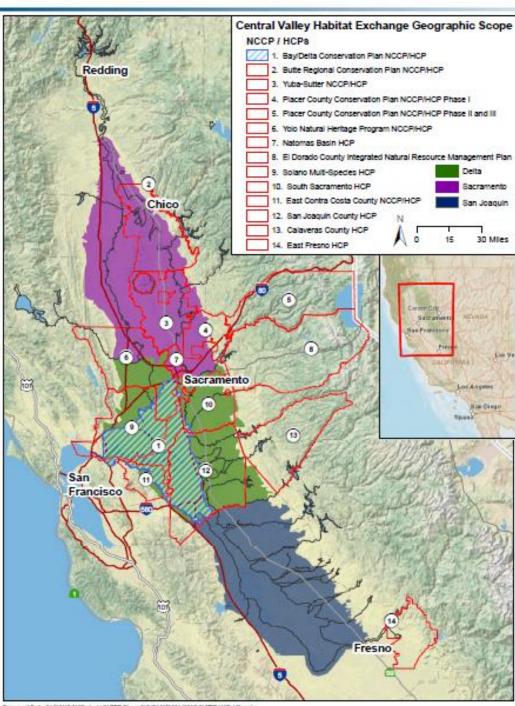


CVHE VISION

- Public/private sectors engage in accountable and transparent investments in sustainable resource management.
- Landowners compensated for management/restoration that results in measurable improvements.
- Healthier habitat (streams, floodplains and riparian corridors) - resulting in jobs, cost savings, and other societal benefits.

Photo: Matthew Grimm





Exchange Program Area

Document Parts: C1CHENOCK/Projects/CVFPP Phase 2/G/SIMKDQ0140825 CVFFP HCPsV3.mixt

Current Needs

- Publicizing habitat mitigation and conservation needs of the HCP/NCCPs to potential willing sellers to secure sufficient habitat supply at an appropriate time.
- Ability to consistently prioritize habitat projects and available funding.
- Comprehensive understanding of mitigation and conservation activities across the Central Valley.

Exchange Value

Tool in the toolbox to help meet goals and objectives of current and future HCP/NCCPs:

- Expanding market for conservation delivery to HCPs (i.e., the Exchange as a conservation broker).
- Systematic and consistent metrics to help evaluate cost benefits for HCPs.
- Third party tracking to coordinate mitigation and conservation activities across the Central Valley.

Consistent Metrics

Multi-Benefit Habitat Quantification Tool

Landscape Attributes & Processes

Water Quality



Frequency, duration of inundation







Habitat Benefits

Riparian songbird Habitat



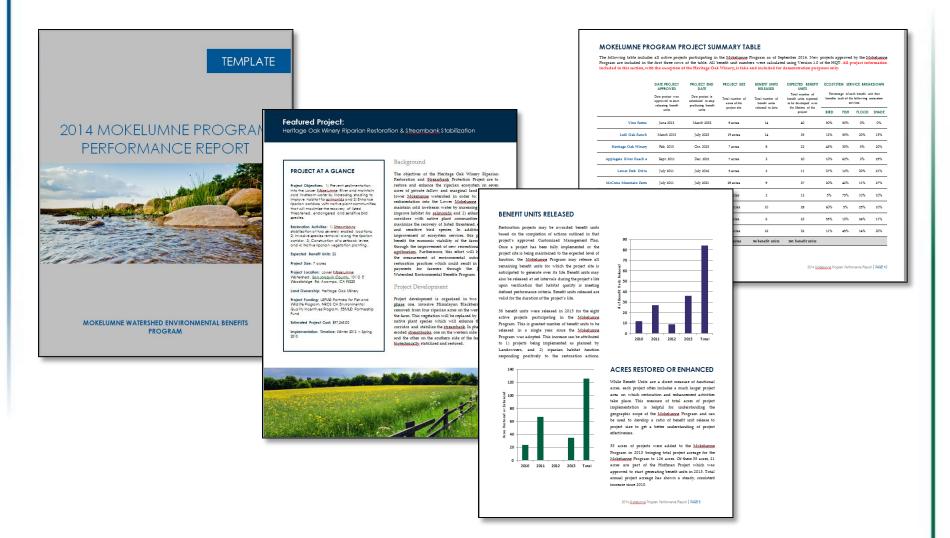
Waterbird Habitat



Salmor Habitat



Tracking, Reporting & Coordination The Exchange Registry & Annual Reports



Exchange Pilot Project

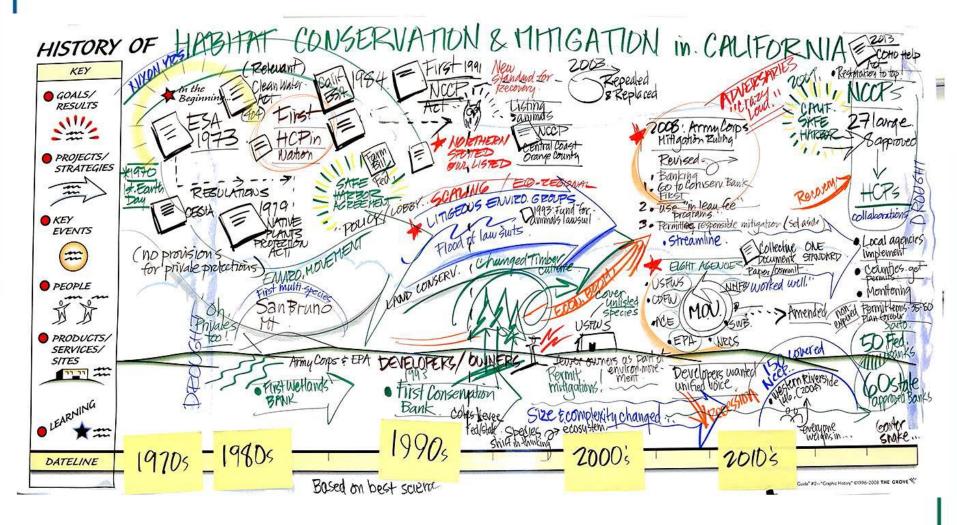
- Timeline: One year (Mar 2014 to Mar 2015)
- Target species: Swainson's Hawk
- Project site: Yolo County
- Major goal: Demonstration of concept

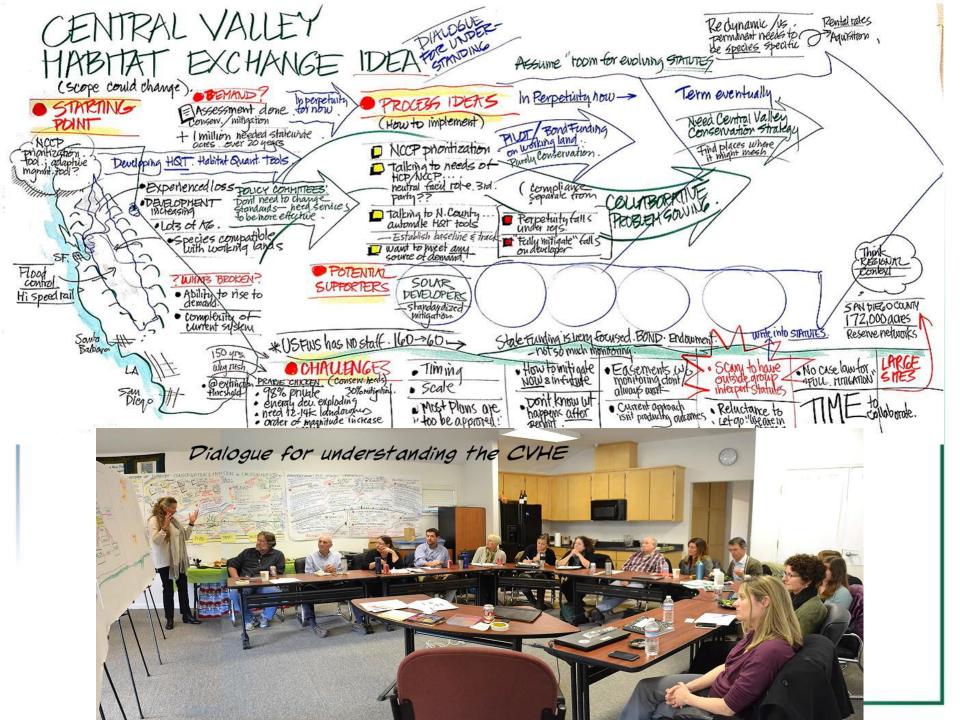


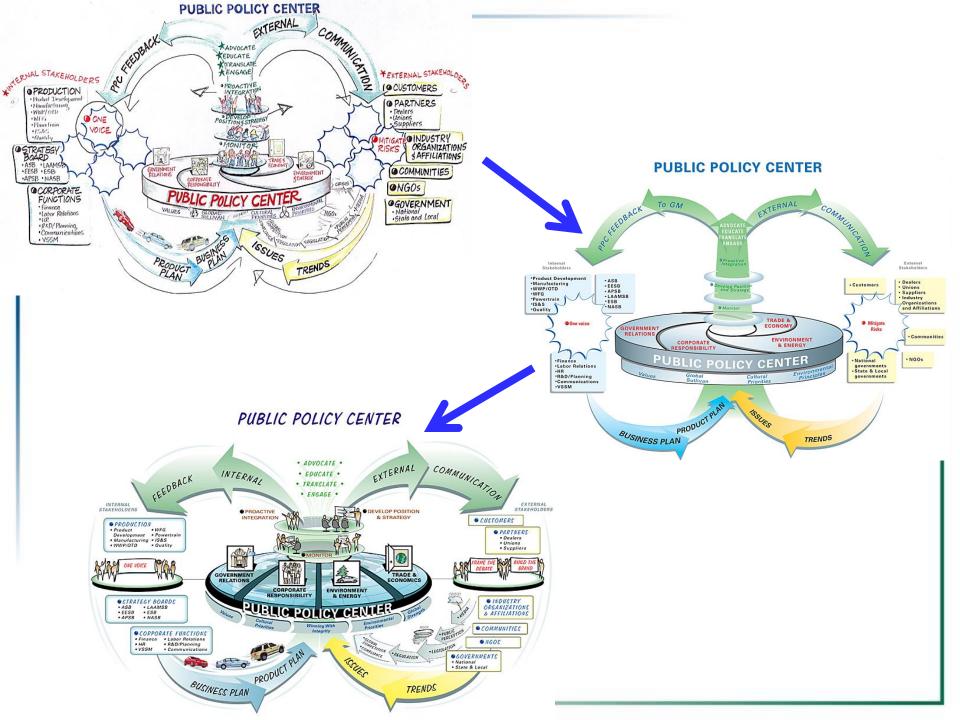
'Storymapping'



'Storymapping'







Next Steps

- Take concepts and prove out on the ground
- Expand investment in conservation
- Build out multi-benefit tool
- Pursue partnerships with conservation bankers, HCP/NCCP's, ag associations, and agencies
- Continue to build support

