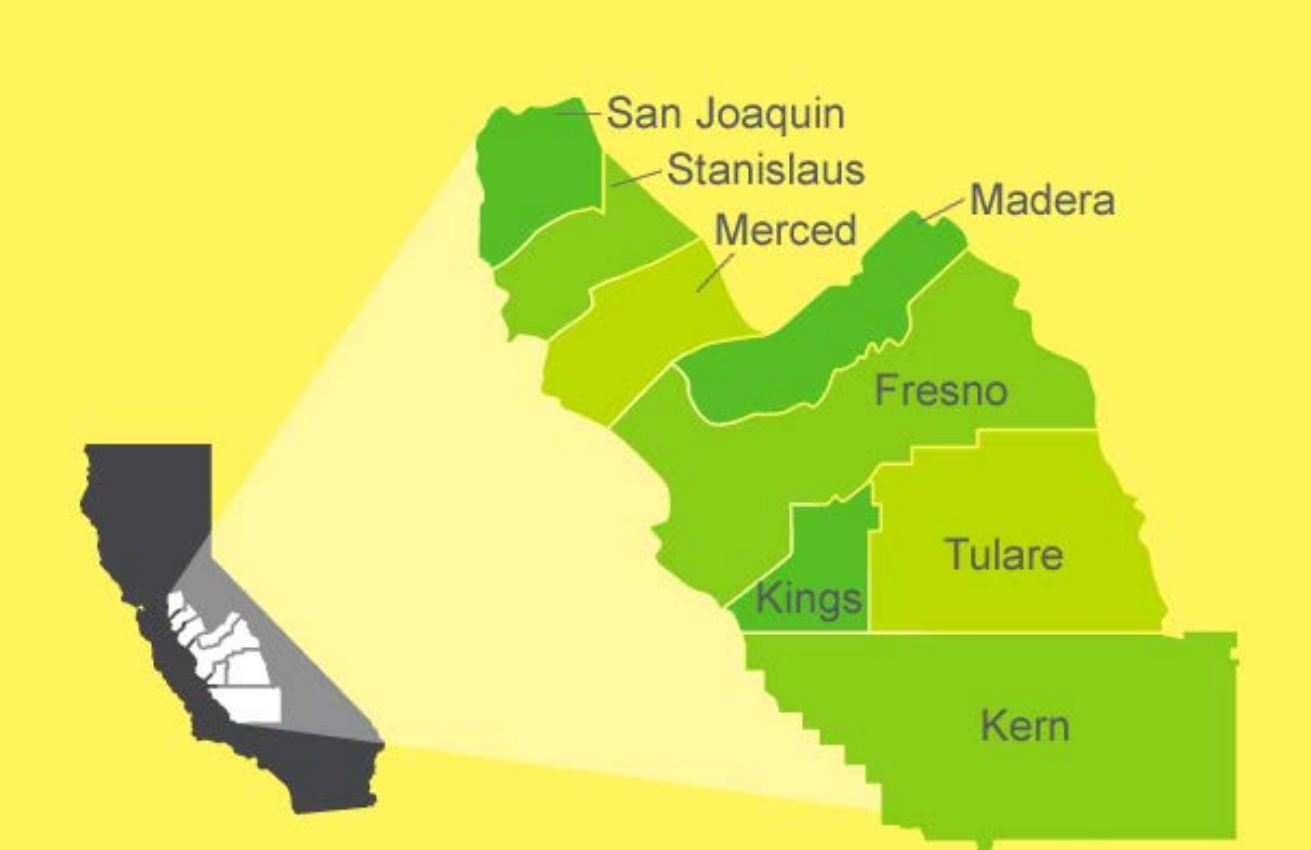


# San Joaquin Valley Greenprint

Tulare Basin Working Group  
October 24, 2013

# Background

- Greenprint – A Blueprint Implementation Strategy
- Focused on agricultural, other resource and open space lands
- SGC \$1 million round 1 award January 6, 2011 (\$280,000 for Greenprint Phase I)
- Grant Agreement between DOC and Fresno COG executed September 6, 2011
- Contract between Fresno COG and UC Davis executed April 27, 2012
- SGC \$1 million round 2 award May 10, 2012 (\$400,000 for Greenprint Phase II)



# Purpose

- Provide a San Joaquin Valley-wide perspective on open space/natural resource issues
- Deepen understanding of land, water and living resources in region and their relation to economic and human sustainability
- Identify significant resource management opportunities and challenges in region
- Reinforce local efforts and provide strategies and tools to decision-makers, businesses and communities
- Not to establish public policy or override local land use authority. Respect private property rights

# Phase 1 Approach

- Email survey – Determine aspirations, challenges, priorities and opportunities, project awareness
- Determine regional mapping priorities and compile (existing/available) spatial (and other) data - trends and public benefits
- Develop region-wide thematic maps visualizing natural resource and stewardship priorities
- The view from 30,000 feet – not parcel specific
- Compile and analyze existing resource preservation programs, polices and regulations
- Publish and disseminate State of Valley report
- Need for ongoing flexibility

# Phase II Approach

- Ongoing public engagement – presentation of data
- Potential Valley-wide scientific survey to identify shared values and a vision for resource management
- Identify regional principles and goals to guide resource management options and strategies
- Identify and evaluate resource management strategies and tools
- Recommend consensus strategies for resource management
- Identify potential pilot projects
- Publish a guide for resource management – specific policies and implementation tools for self-selection



# Organization and Outreach

- Steering Committee – small, focused and flexible, to oversee the basic management of the project
- Potential technical committees – focused on specific resource management issues
- Special outreach to agriculture and EJ interests
- Utilize Valley COGs committee structures
- Partner with other Valley regional and subregional programs
- Facilitator
- Report writer/editor

Clark Thompson  
Fresno Council of Governments  
(559) 233-4148 x203  
[clarkt@fresnocog.org](mailto:clarkt@fresnocog.org)

Nate Roth  
Information Center for the  
Environment (ICE) at UC Davis  
UC Davis  
(530) 754-6212  
[neroeth@ucdavis.edu](mailto:neroeth@ucdavis.edu)



# Big Picture – Examples of Greenprints in Other Regions





# Regions Moving Ahead with Greenprints

- Six county Southern California Association of Governments included a conservation and advance mitigation strategy as part of its Regional Transportation Plan (RTP).
- Six county Sacramento Area Council of Governments committed to moving ahead on an “open space strategy” to be incorporated into its next RTP.
- Most robust effort is in the nine county Bay Area region, where partners and the Association of Bay Area Governments are working to incorporate a greenprint into the 2013 RTP to support focused growth land use patterns.



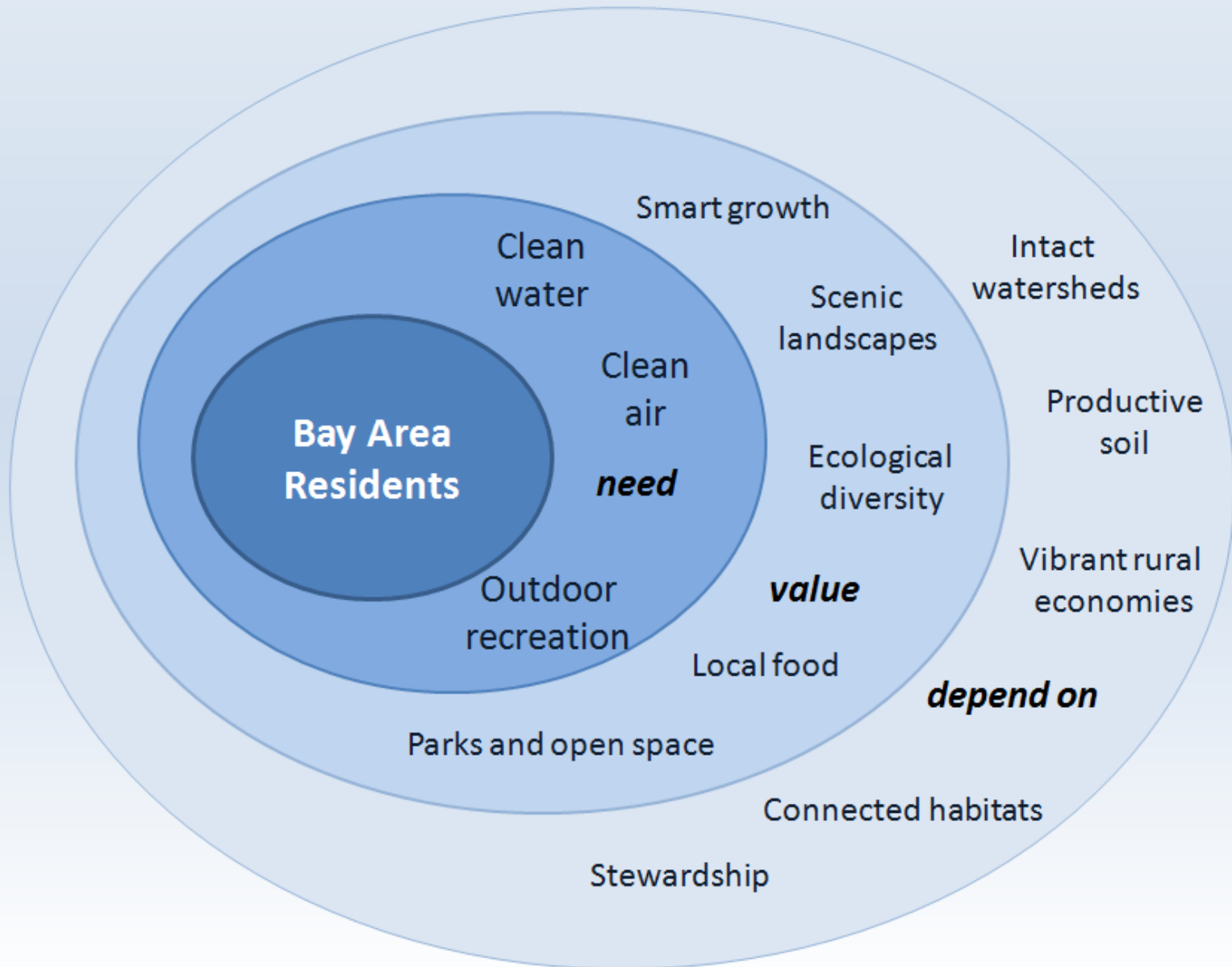


# Bay Area Region Greenprint Vision

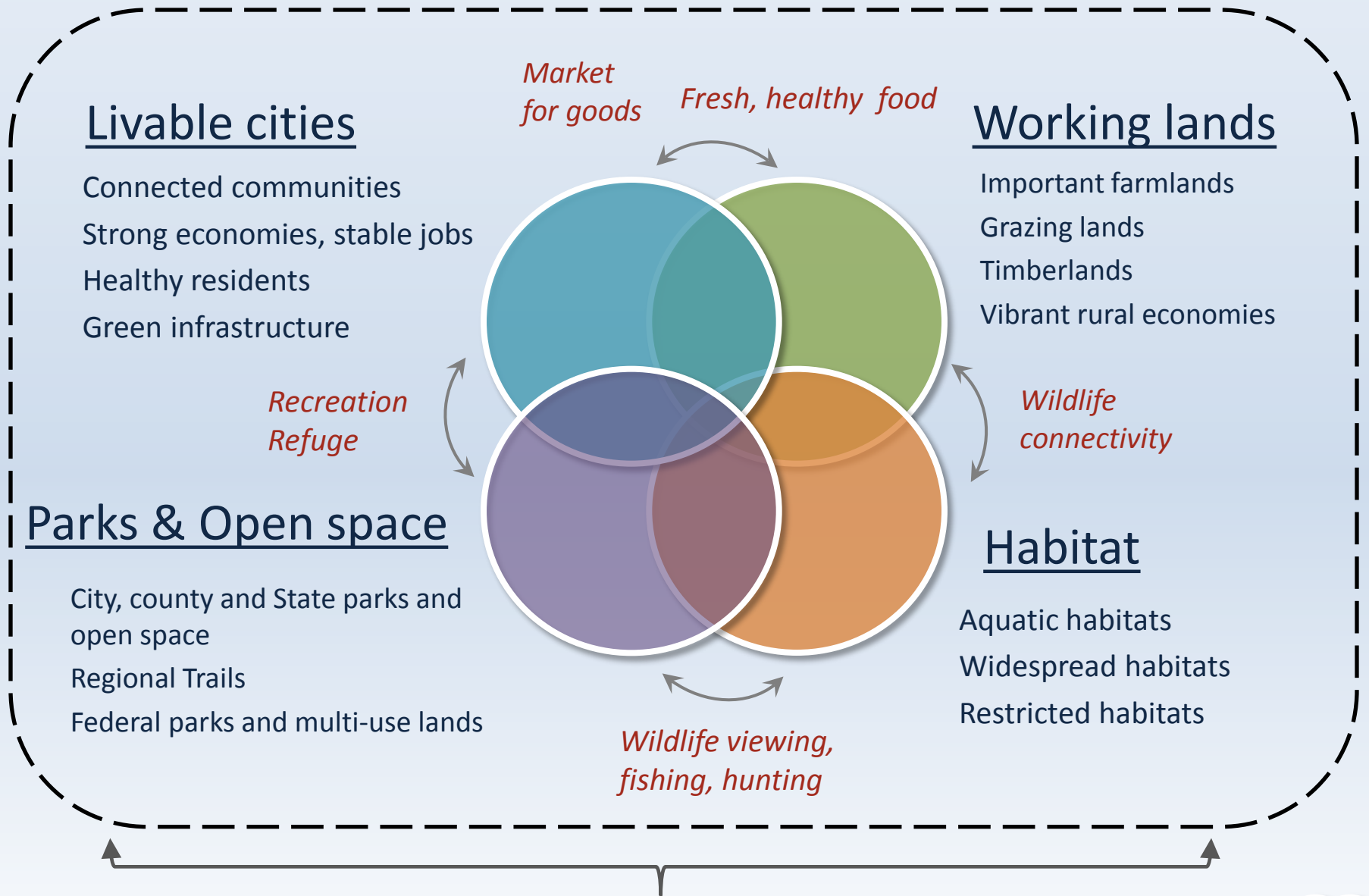
Preserve, restore and develop a **network of lands and waters for people and nature** to increase **parks and recreational opportunities**, sustain the **natural diversity**, enhance the **agricultural productivity**, and cultivate **livable communities and the vibrant economy** of the San Francisco Bay Area, from urban core to rural landscapes.



# Bay Area values and benefits







## Livable cities

Connected communities  
Strong economies, stable jobs  
Healthy residents  
Green infrastructure

## Working lands

Important farmlands  
Grazing lands  
Timberlands  
Vibrant rural economies

## Parks & Open space

City, county and State parks and open space  
Regional Trails  
Federal parks and multi-use lands

## Habitat

Aquatic habitats  
Widespread habitats  
Restricted habitats

*Market for goods*      *Fresh, healthy food*

*Recreation Refuge*

*Wildlife connectivity*

*Wildlife viewing, fishing, hunting*

Ecosystem Goods and Services:

Carbon storage  
Freshwater supply

Water filtration  
Flood attenuation

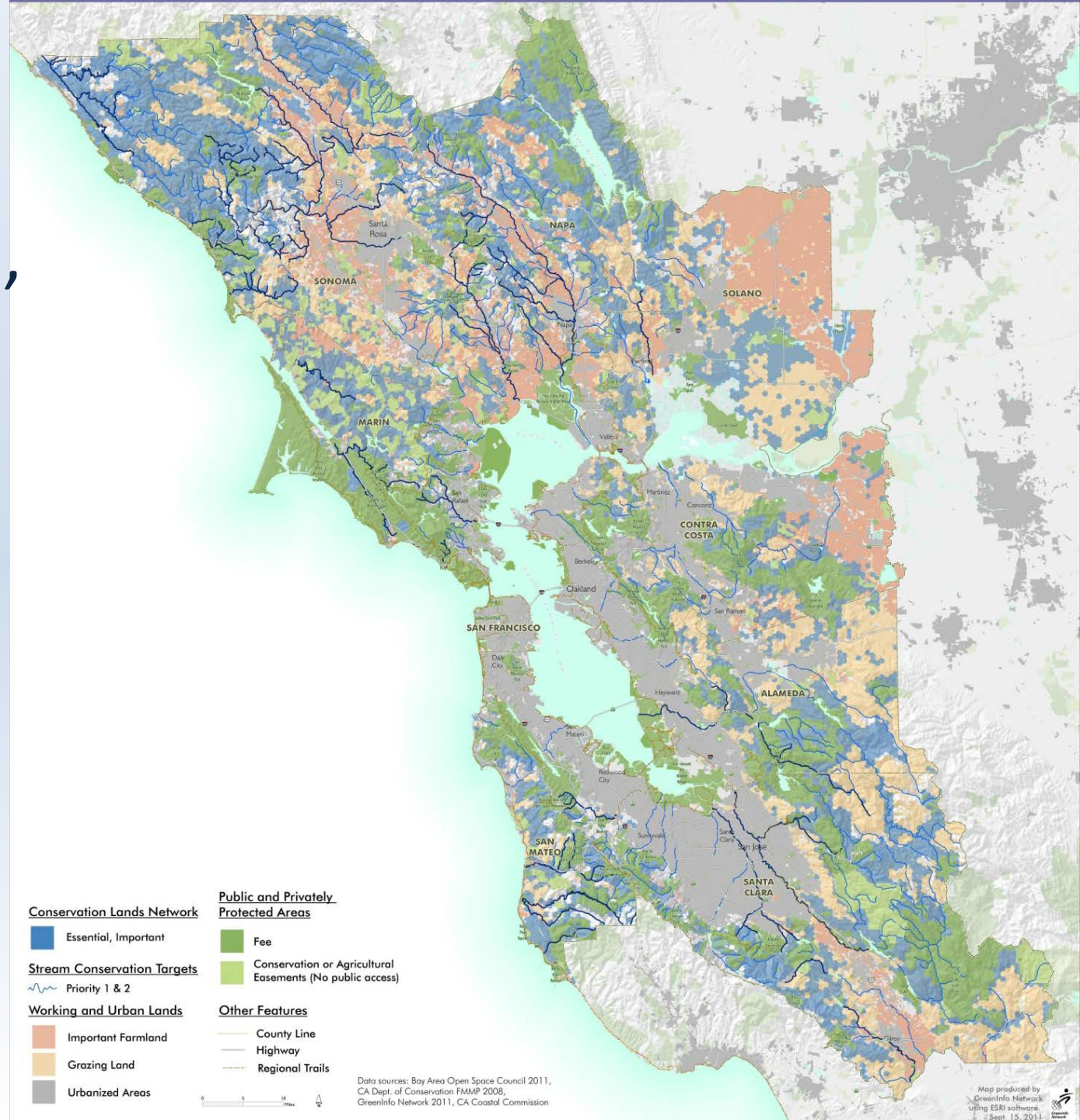




# Mapping Bay Area Values & Benefits



# Farmland, Grazing Land, Parks and Habitat



Data sources: Bay Area Open Space Council 2011, CA Dept. of Conservation FMMP 2008, GreenInfo Network 2011, CA Coastal Commission

Map produced by GreenInfo Network using ESRI software Sept. 15, 2011

# Examples of Policies Considered by the Bay Area

- Consider impacts/benefits to natural resources, working lands and parks in project development and make trade-off decisions
- Adopt agricultural districts with minimum densities
- Adopt, protect and extend the time frame for Urban Growth Boundaries and Urban Limit Lines
- Require voter approval for changes in zoning for lands zoned agricultural or open space
- Pass a regional funding measure to support and protect Bay lands, uplands, water and working landscapes
- Consider green infrastructure solutions to infrastructure problems



# Lessons Learned

- Important to stay very flexible in our thinking as the Bay Area's needs are rapidly evolving
- The cross-functional nature of stakeholder collaboration (environment, agricultural, and urban groups) working on the greenprint has been very productive with many opportunities for complementary work





# **SAN JOAQUIN VALLEY GREENPRINT**

## **Local Government Perspectives**

Presentation to the SJV Greenprint Panel

by Ted James, AICP

*May 31, 2012*

# OBSERVATIONS / EXPECTATIONS FOR SUCCESSFUL GREENPRINT PLANNING BY LOCAL GOVERNMENT

- *Purpose and Relationship to other Farmland/Rangeland/Natural Resource Conservation Programs (Federal, State, Private)*
- *Steering Committee Composition and its Importance for Positive Planning Outcome*
- *Stakeholder Expectations and Implementation Challenges*
- *Greenprint Mapping: Valleywide Perspective vs. Local Understanding*



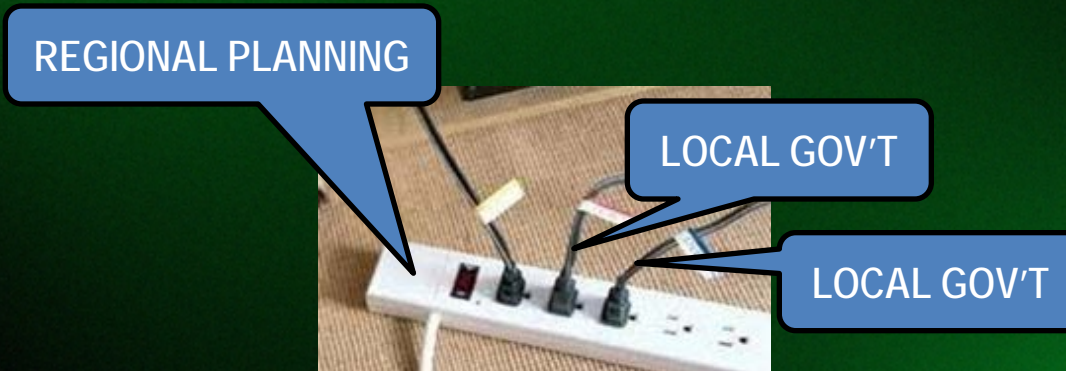
# OBSERVATIONS / EXPECTATIONS FOR SUCCESSFUL GREENPRINT PLANNING BY LOCAL GOVERNMENT

- *Greenprint Survey and the Effective Conveyance of Farmland and Natural Resource Perceptions*
- *Local Conservation Planning Programs that Promote Greenprint Objectives*
- *Importance of Incentive-Based Conservation Programs and the “Tool Box” Approach for Addressing Greenprint Objectives*



# GREENPRINT PLANNING: VALLEYWIDE VS. LOCAL PLANNING EFFORTS

## *The Powerstrip Analogy*



# From “Blue” to “Green”

## Water, the “Blueprint” and the “Greenprint”



# “Water and Planning Activities”?

- The “Blueprint” did not directly address water
- Do general plans?
- Does the CA Water Plan help?
- Are there any other strategic efforts that merge land and water into a comprehensive, integrated effort?
- ANSWER: no but the “**Greenprint**” will help by creating an inventory of the human and natural landscapes
- The current water planning effort is “Integrated Regional Water Management Plans”

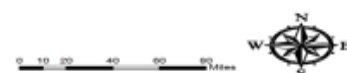
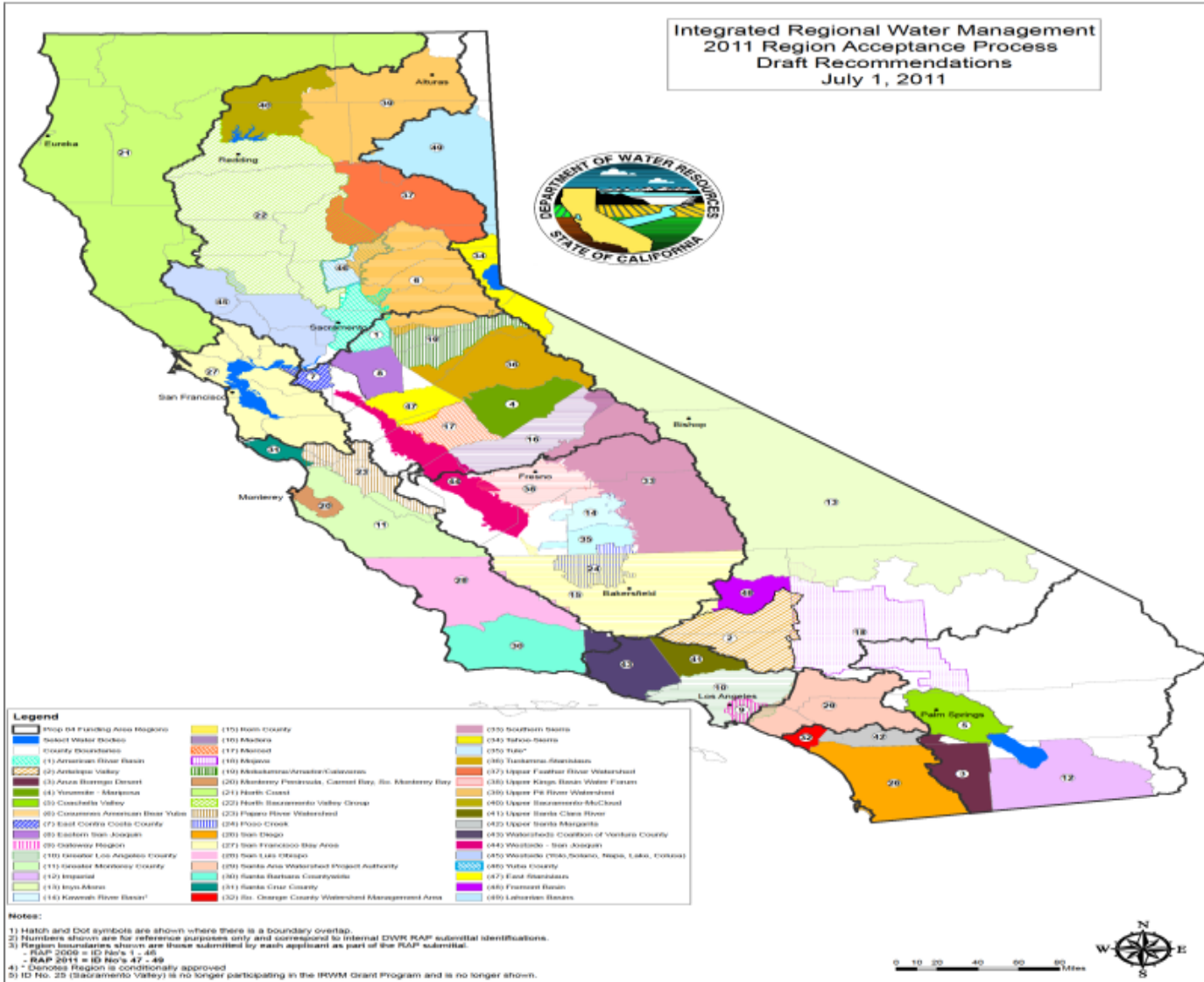
# Integrated Regional Water Management Planning

- IRWMP is the preferred tool to integrate water management
- Regional collaborations needed because watersheds and supplies are predominately local
- Future integration will likely involve not only land use included in Blueprint and Greenprint efforts but air and energy



# Valley IRWMP's

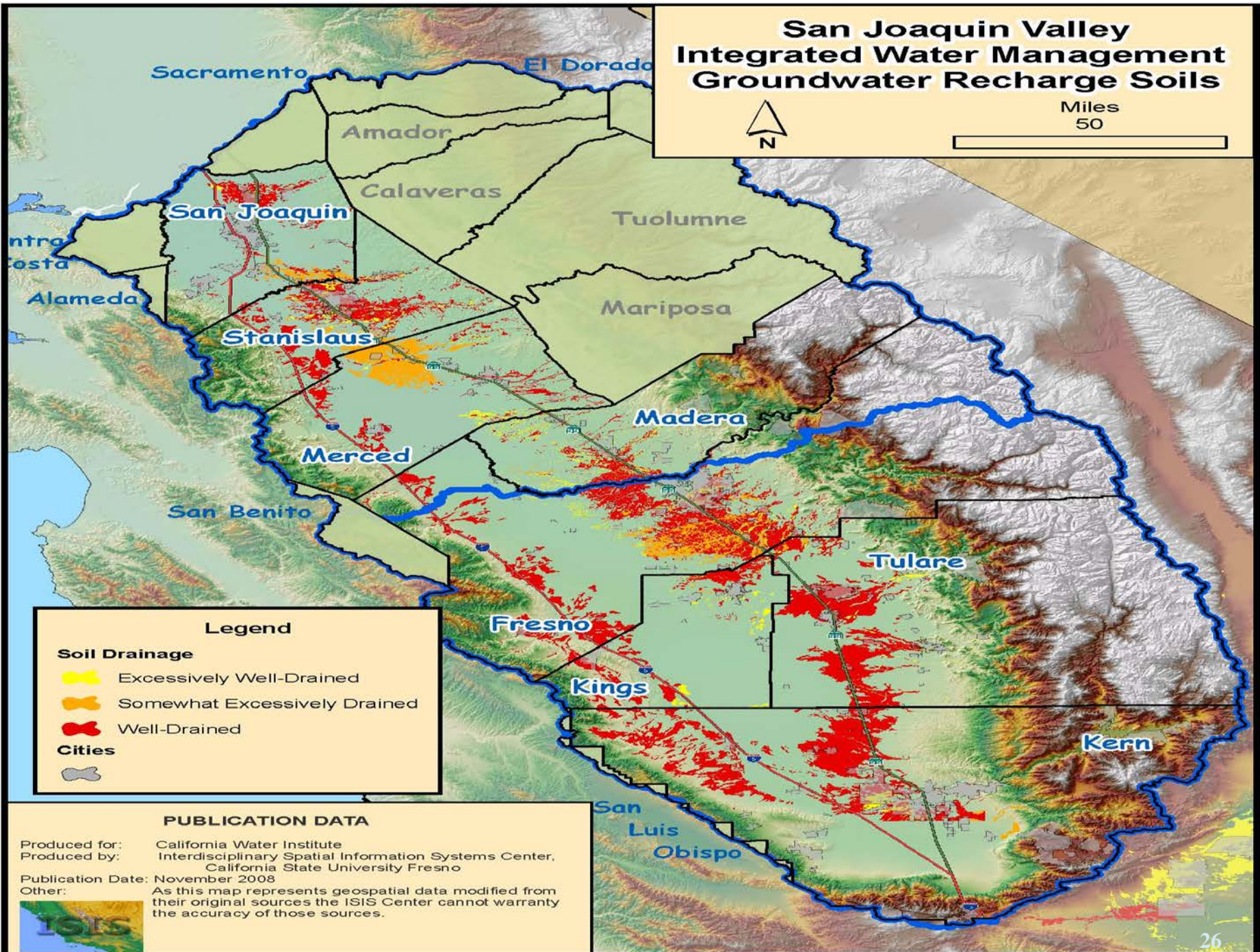
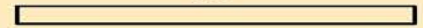
Integrated Regional Water Management  
2011 Region Acceptance Process  
Draft Recommendations  
July 1, 2011





# San Joaquin Valley Integrated Water Management Groundwater Recharge Soils

Miles  
50



## Legend

### Soil Drainage

-  Excessively Well-Drained
-  Somewhat Excessively Drained
-  Well-Drained

### Cities



## PUBLICATION DATA

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 California State University Fresno  
 Publication Date: November 2008  
 Other: As this map represents geospatial data modified from  
 their original sources the ISIS Center cannot warranty the  
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