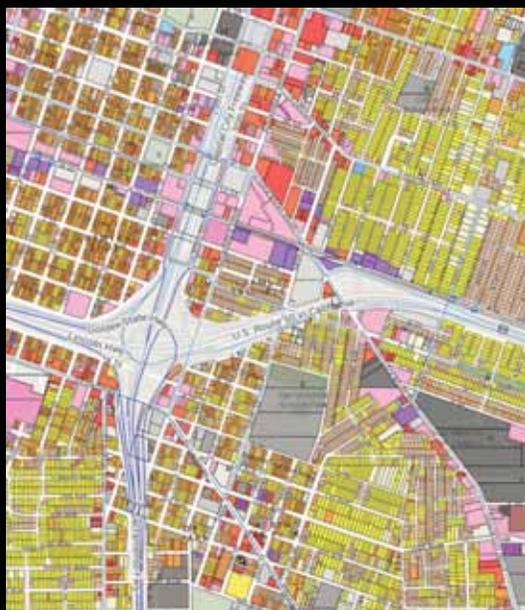


SCAG Scenario Planning Model

Local Review and Project Overview

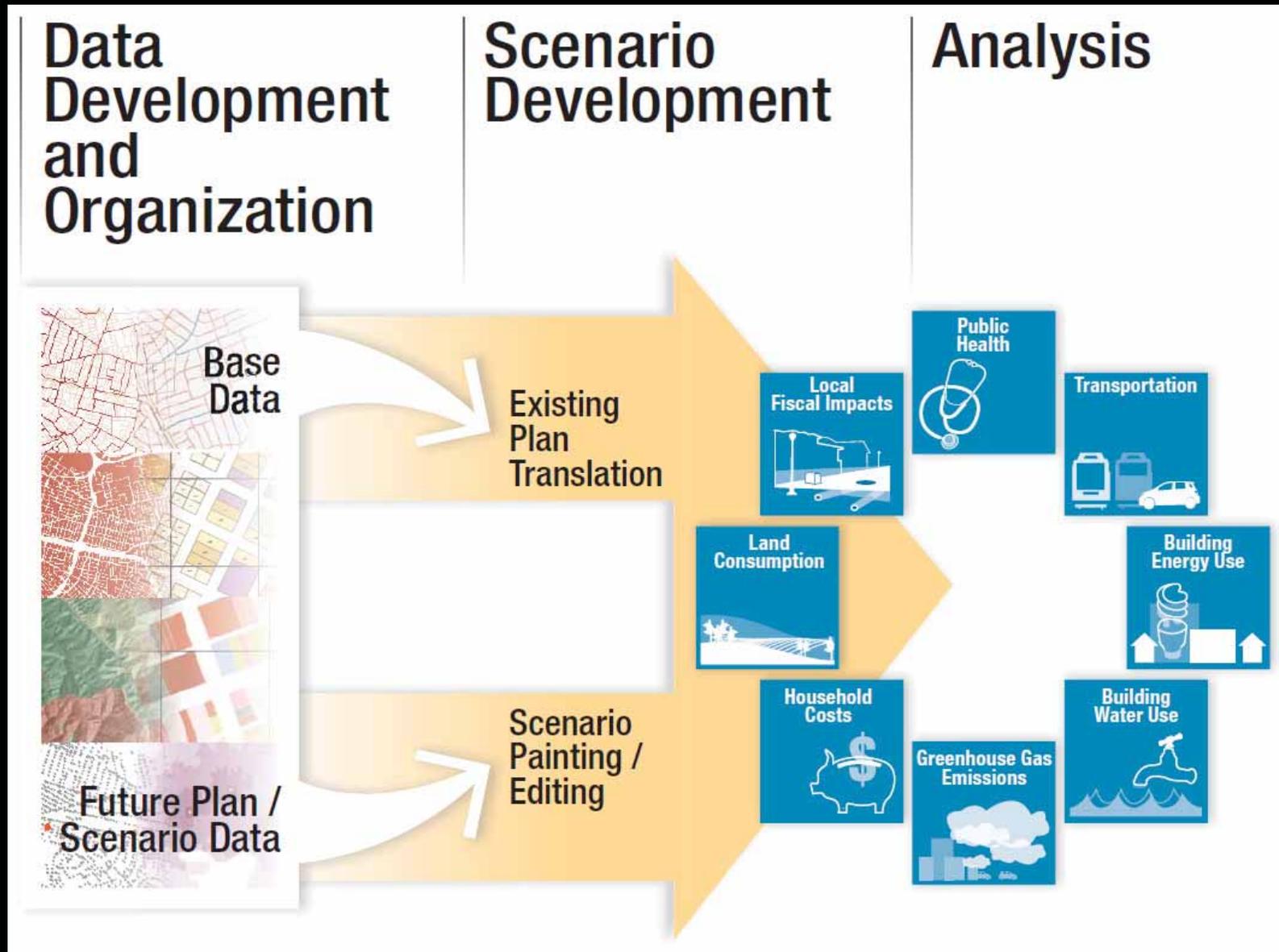


Sustainable Solutions for the *Next Generation* of Plans and Policies

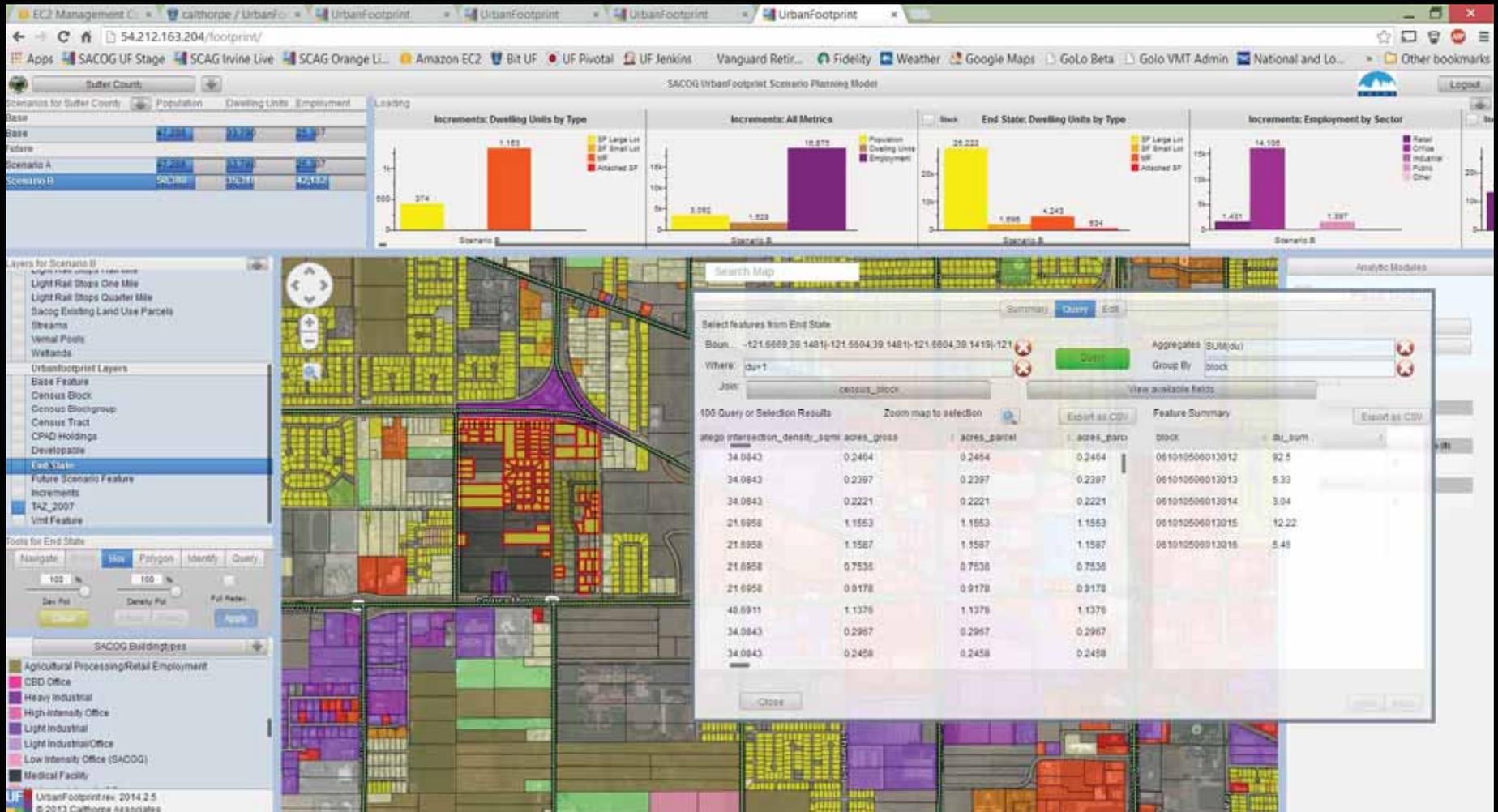
7 May 2014 SCAG SPM Working Group



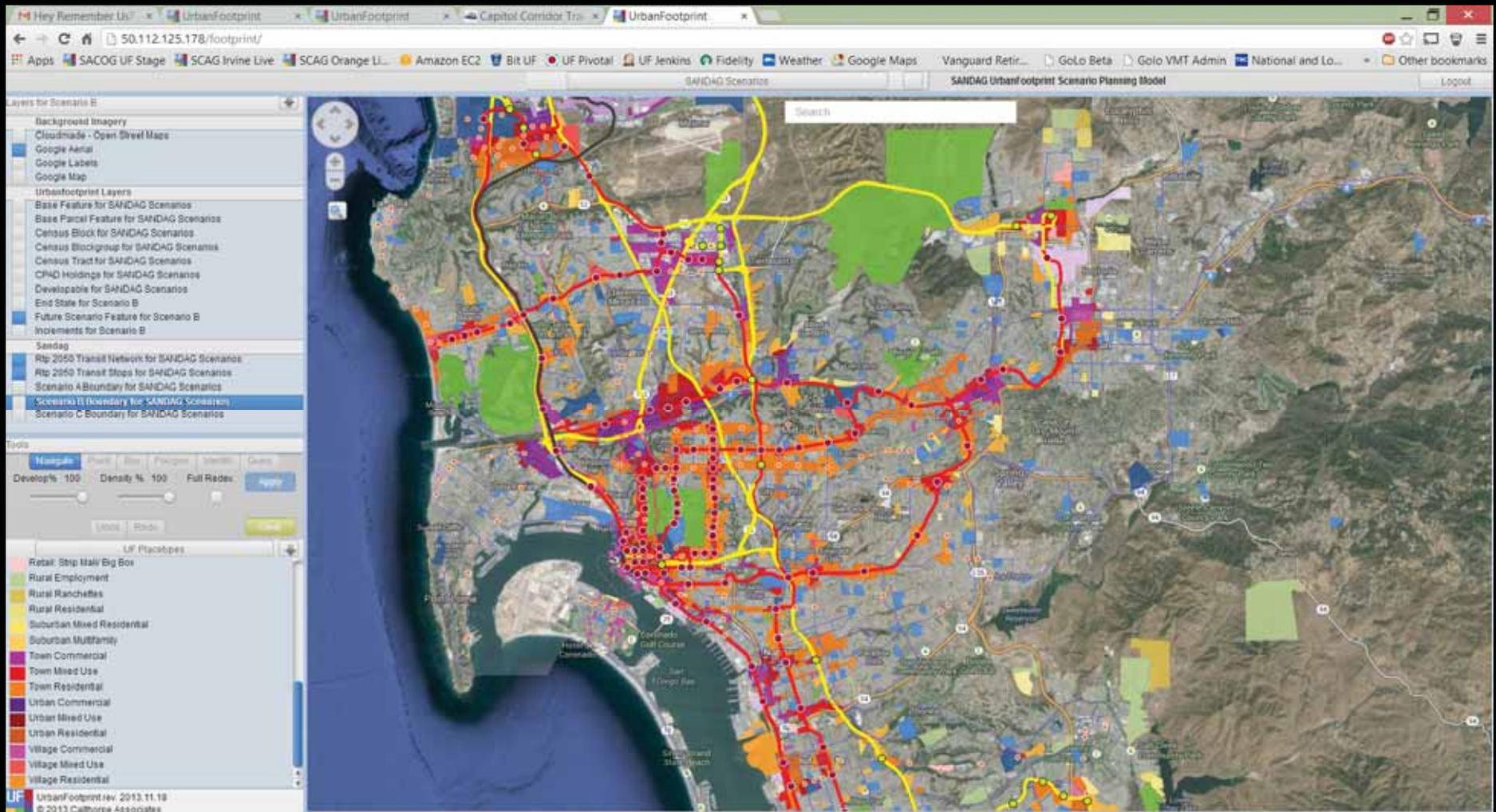
Urban Footprint Scenario Ecosystem



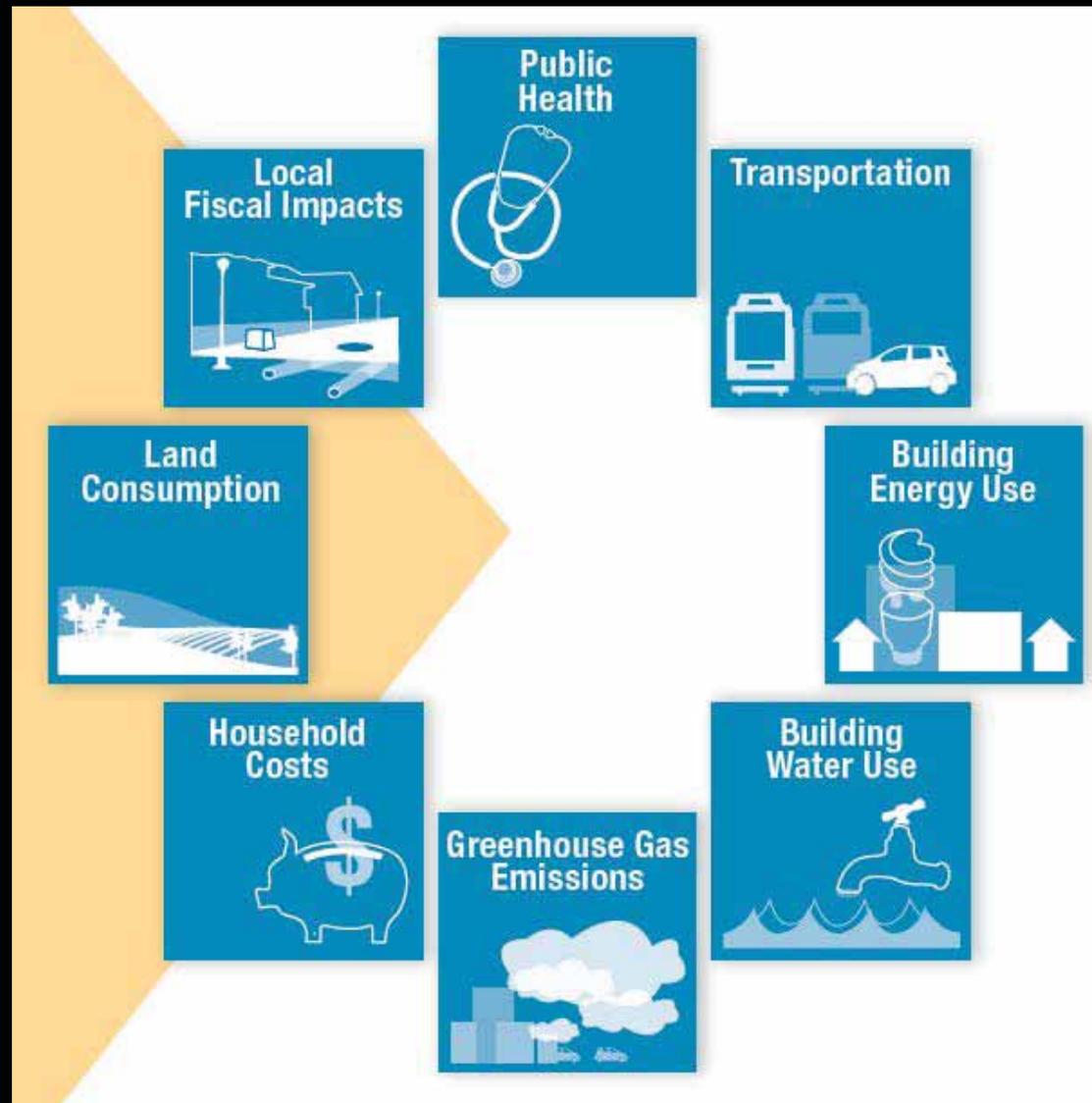
Manage and Review Data



Sketch Futures



...test their impacts...



SPM Development Flow

Summer 2013

Initial Phase

Establish and Test Regional – Local Data and Web Connections
Pilot Initial Iteration of Local Review Capability

Spring – Summer 2014

Local Review Advancement & Deployment

Local Data Review and Editing Advancement
Single City Advanced Pilot
SPM Working Group Pilot
Wider Roll-Out to Cities

Summer-Fall 2014 +

SCAG Regional Systems Set Up

Regional Data and Software Systems Setup
Internal/SCAG Use of Model in SCS Development Process

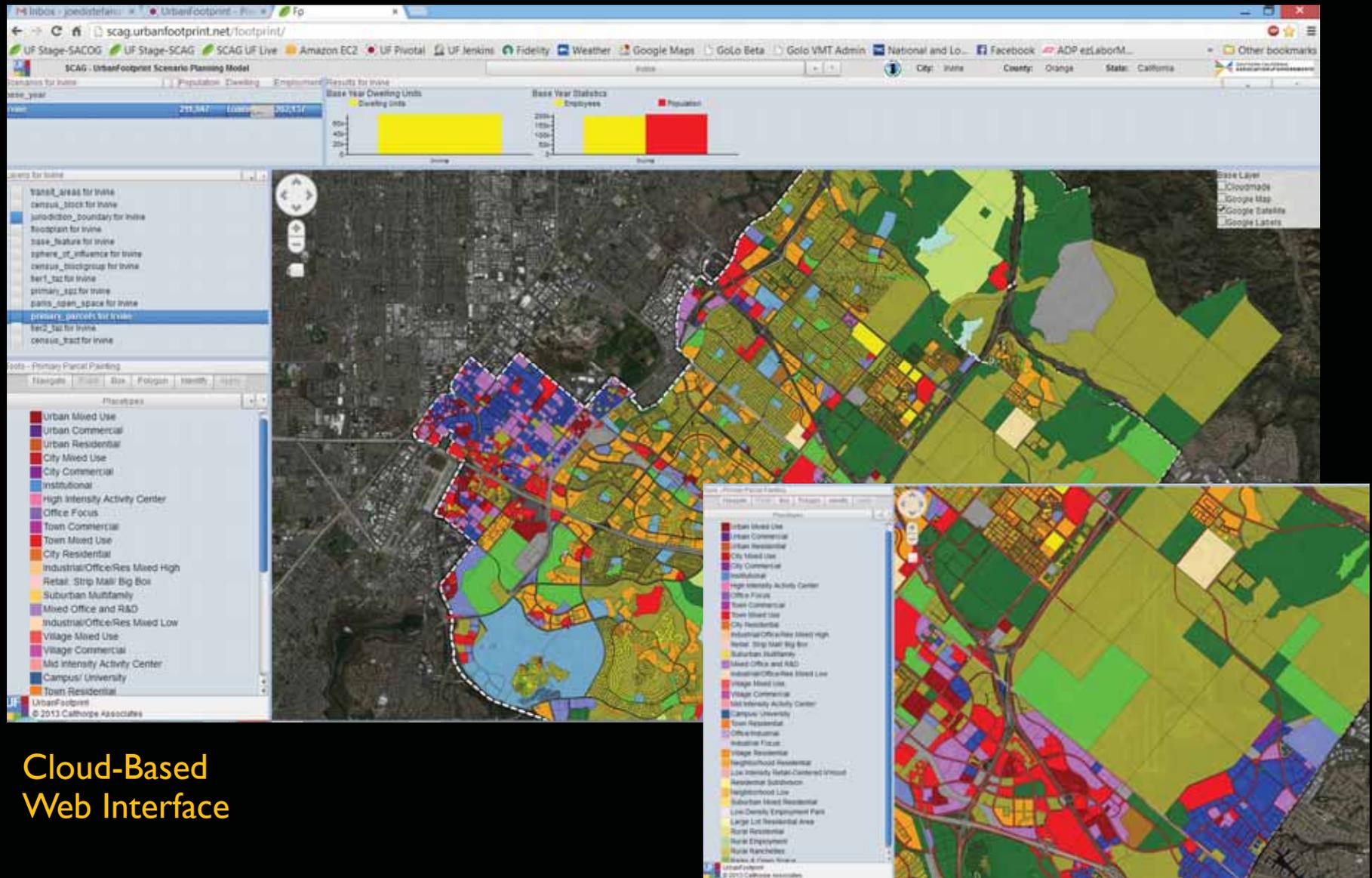
Fall 2014 and Beyond

SPM/UrbanFootprint Advancement

Scenario Capability Roll-Out and Analytical Engine Enhancements



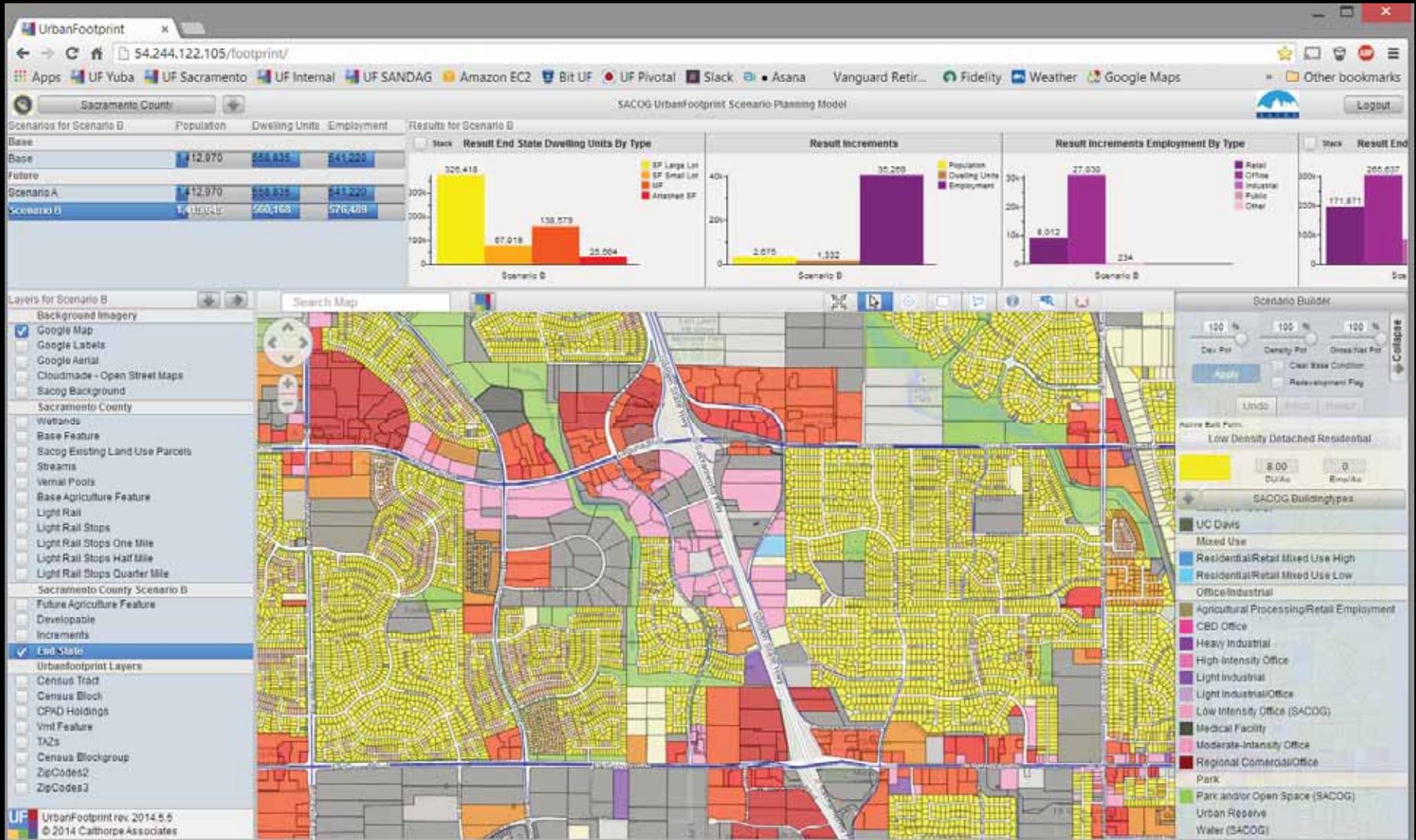
Initial Phase User Interface



Cloud-Based
Web Interface

Upgraded Software and Interface

User Interface Enhancements and Functionality Focused on Local Review



Current Activities With UrbanFootprint



UrbanFootprint MPO Projects

Data Development, User Interface Advancement and Model Deployment



Scenario Development and Modeling

- Data Prep and UF Base Creation
- Base Year/Primary Parcel Editing Tools
- Transition from Grid to Parcels
- User Interface Enhancements/Software Upgrades



Scenario Development and Modeling

- Data Prep and UF Base Creation
- SCS Alternative Development and Modeling
- User Interface Enhancements/Software Upgrades



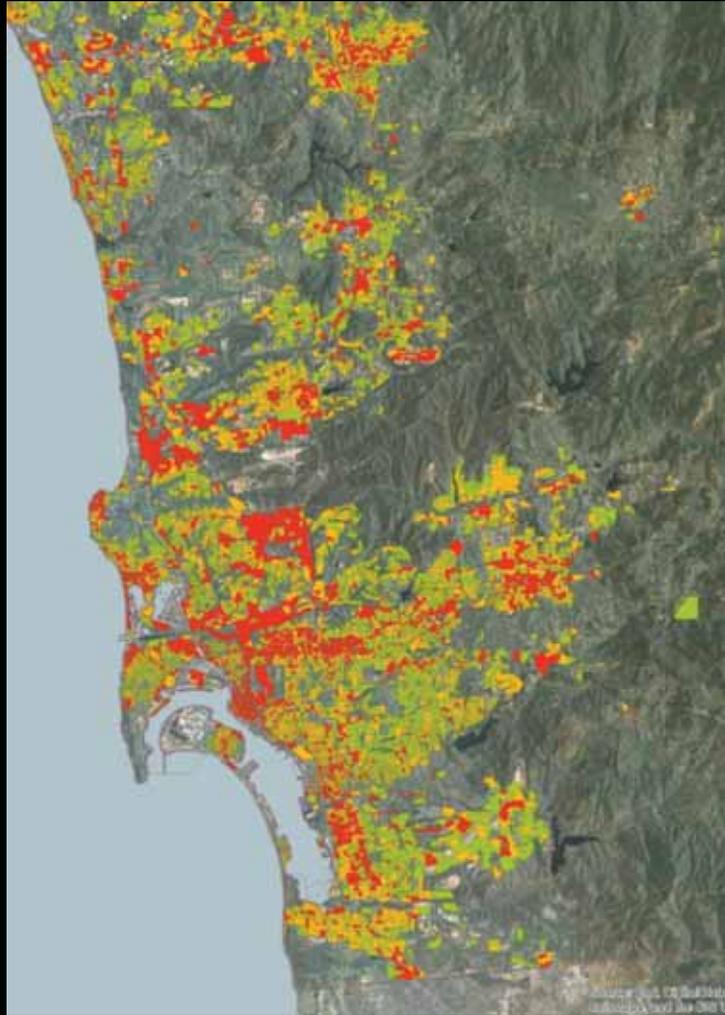
Local Review and Scenario Modeling

- Data Prep and UF Base Creation
- Links to Local Governments
- Pilot for Local Input Process
- User Interface Enhancements/Software Upgrades

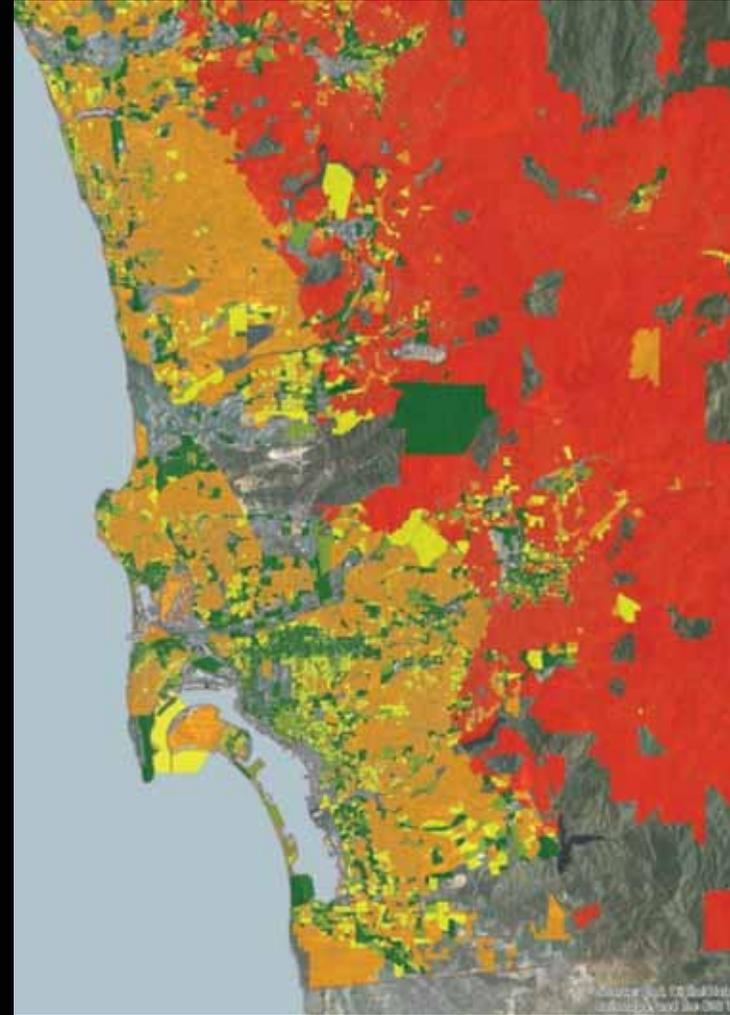


California Energy Commission

Policy Testing and Development, Develop Tools for Local Agency Energy & Planning



Energy Use **Per Acre**

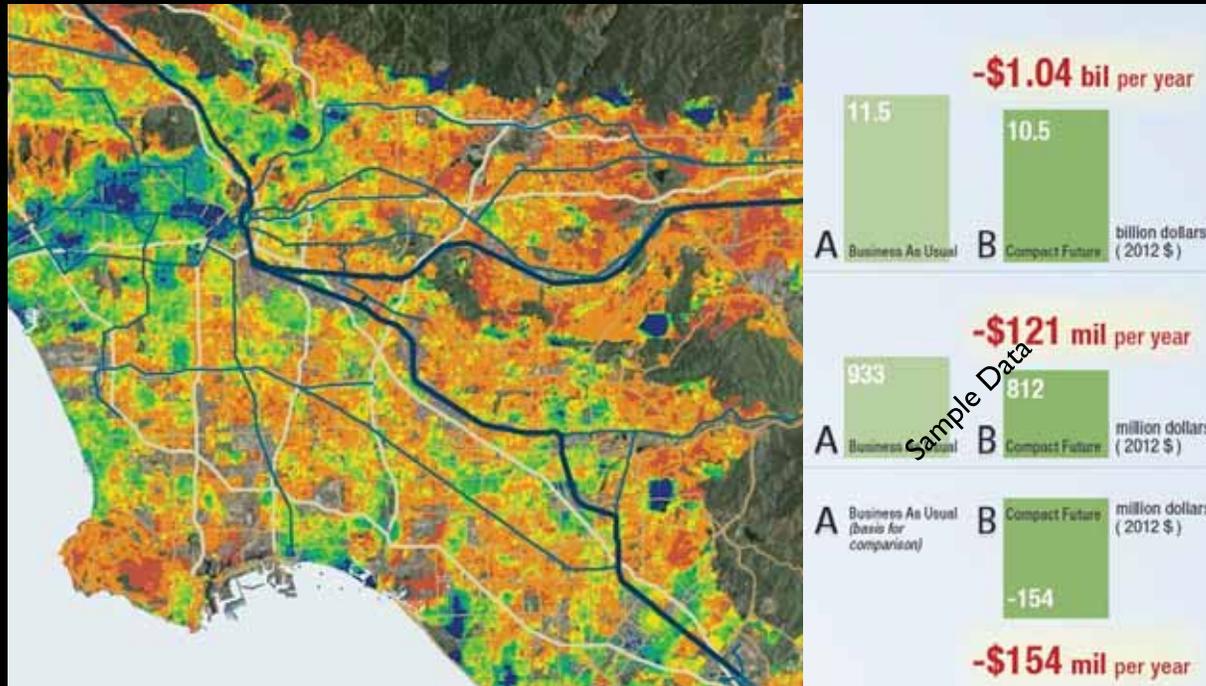


Energy Use **Per Household**



Public Health Modeling Enhancements

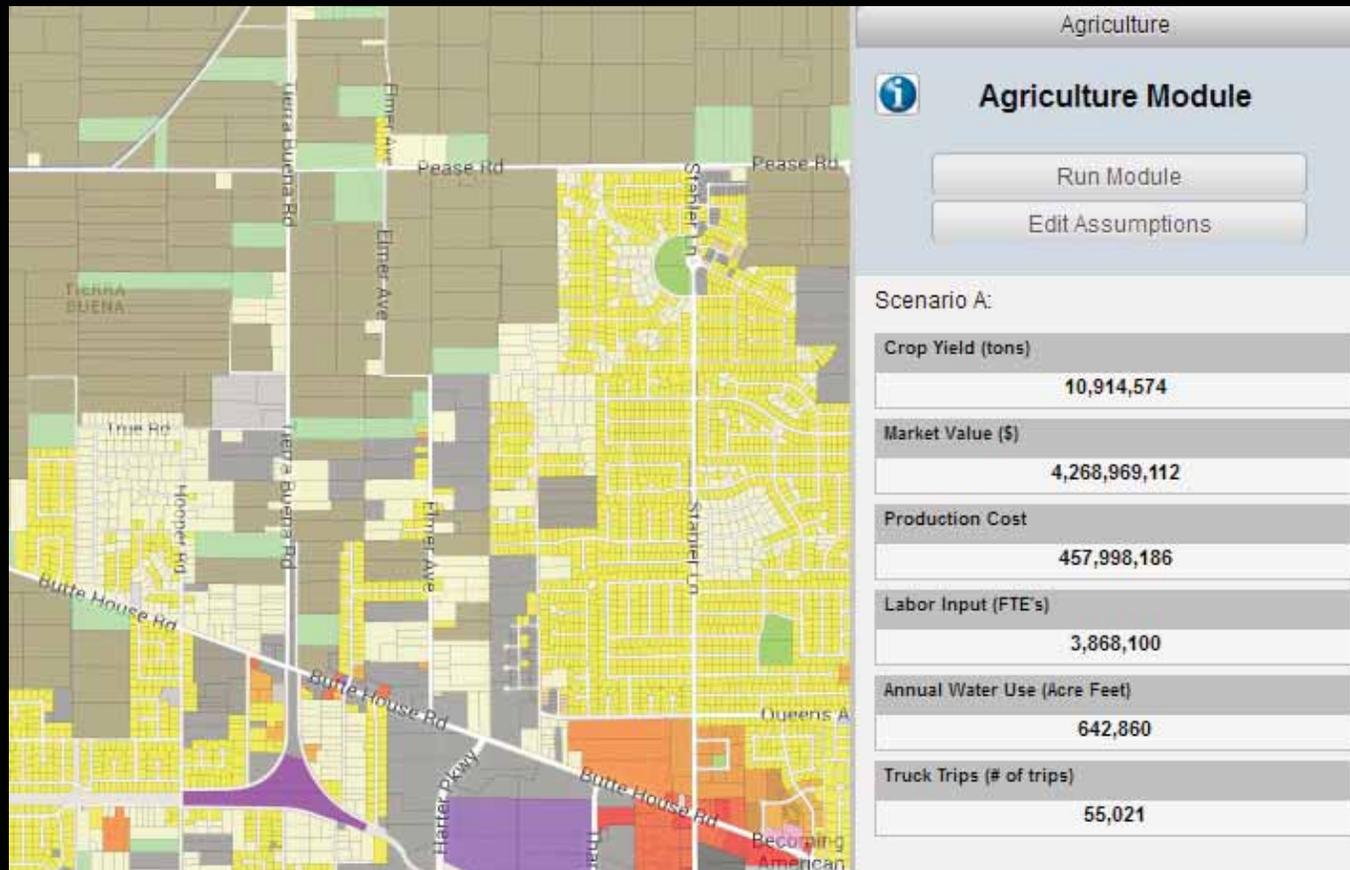
Activity-Related Disease Incidences and Costs, State/National Peer Review



Impact THIS Round of California SCS/RTP Plans
Support from The California Endowment,
Resources Legacy Fund, Strategic Growth Council, MPOs

Rural Urban Connections (RUCS)

Modeling the Impacts of Agriculture and Urban Conversion



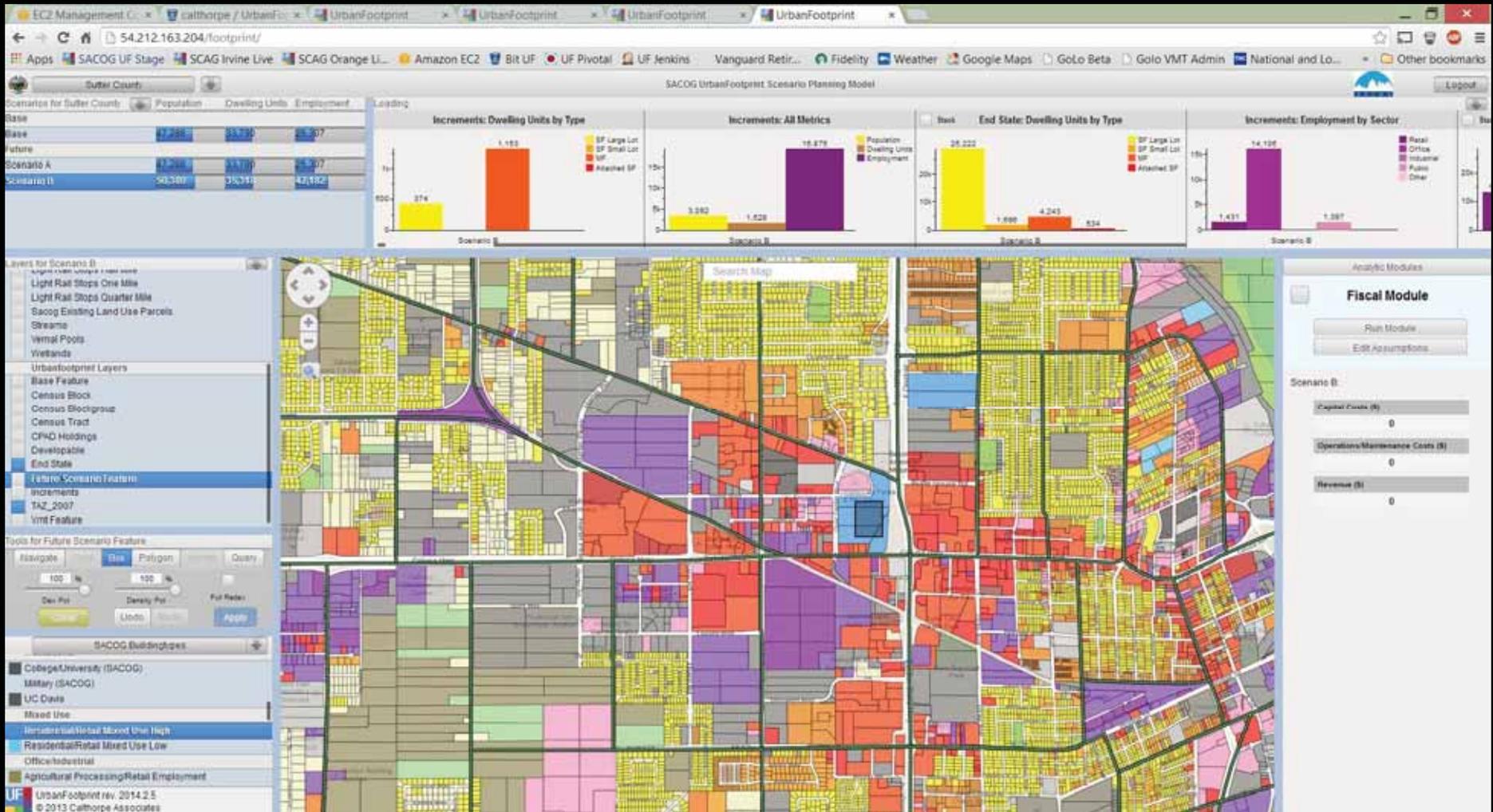
Impact *THIS* Round of SACOG SCS/MTP
Support from California Dept. of Agriculture, SACOG

Likely Next Steps UrbanFootprint

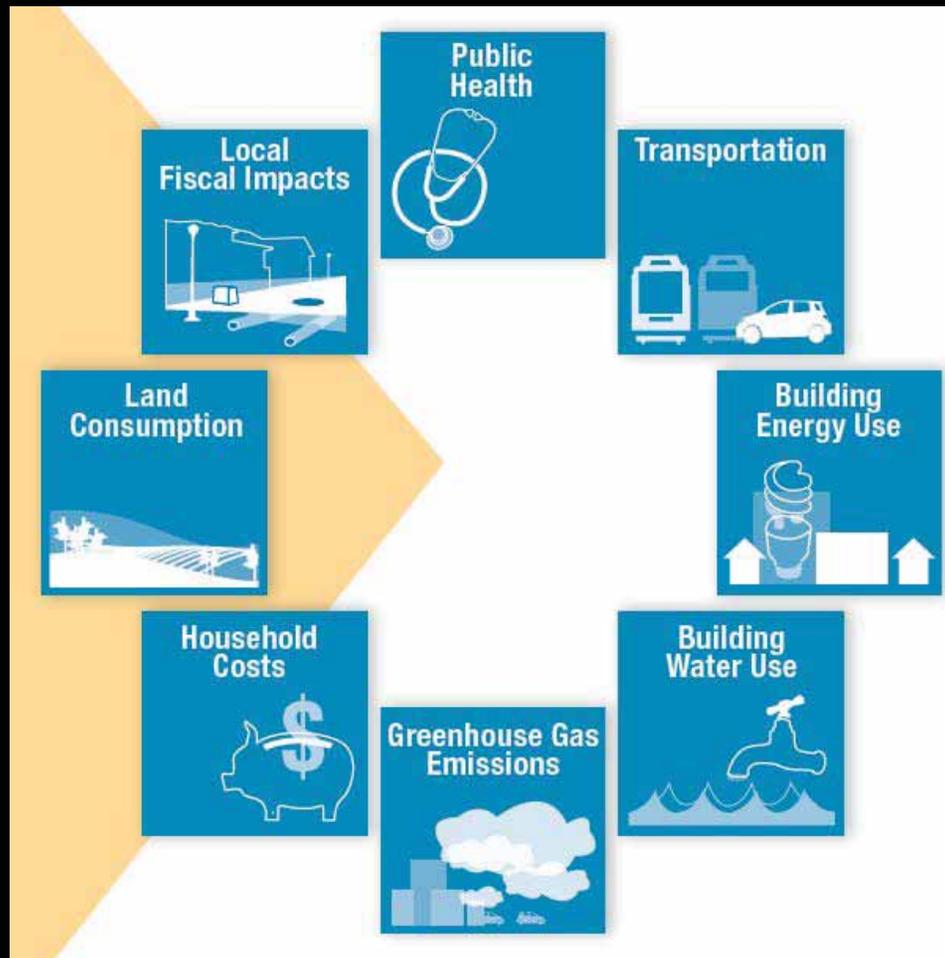


Software 'Scaling' and Enhancements

Scaling & Multi-User Stability, Support, and User Interface Enhancements



Analytical Upgrades



Activity-Related Disease and Costs

Agricultural Impacts

Energy Demand and Policy

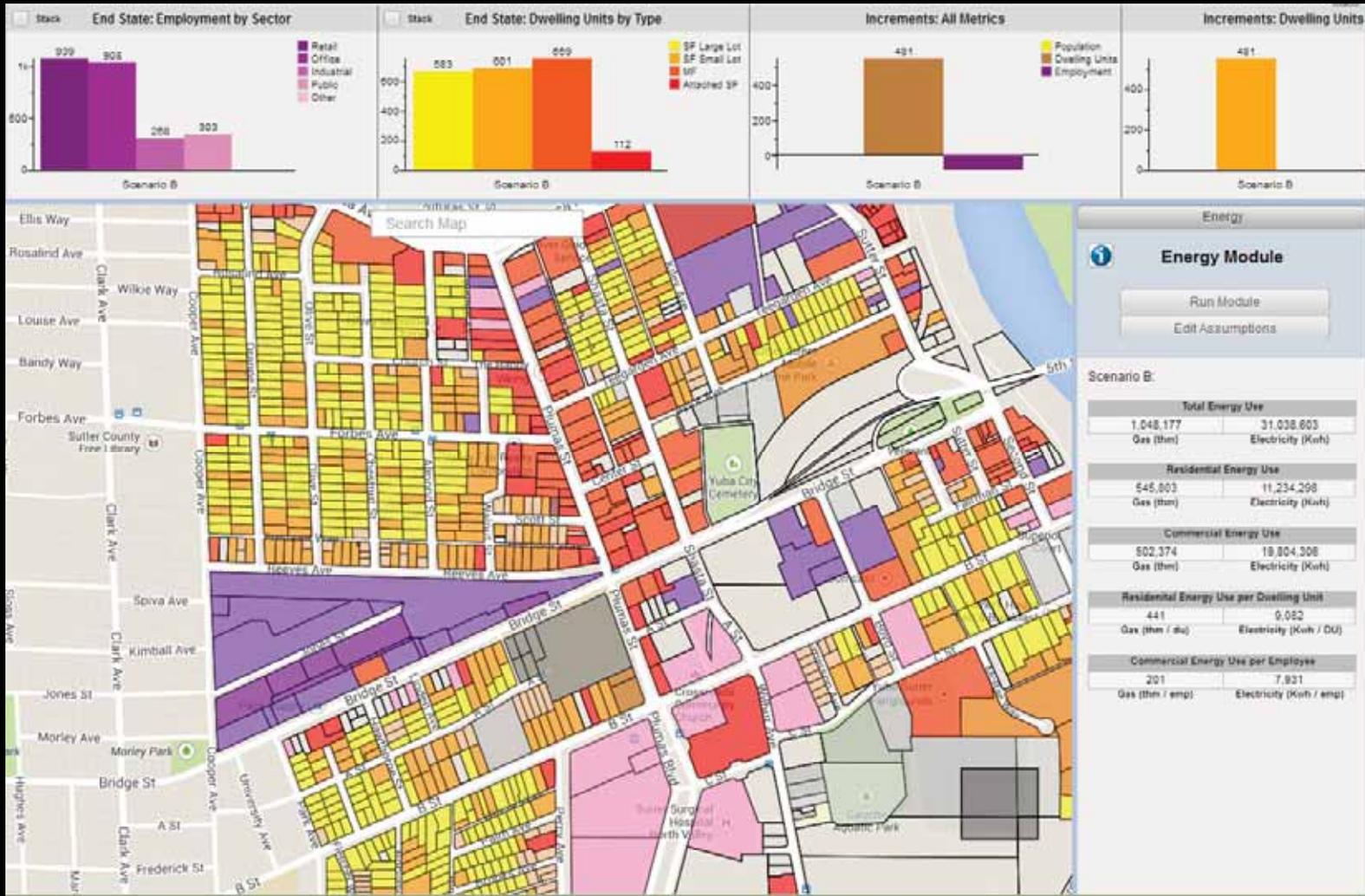
Social Equity Indicators

Conservation & Ecosystem Services

Climate Adaptation & Resilience

Local Planning

Pilot Tests, Support, Cloud-Based Deployment, User Interface Enhancements



Community Engagement

General Planning

Health Impact Assessments

Climate Action Planning





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