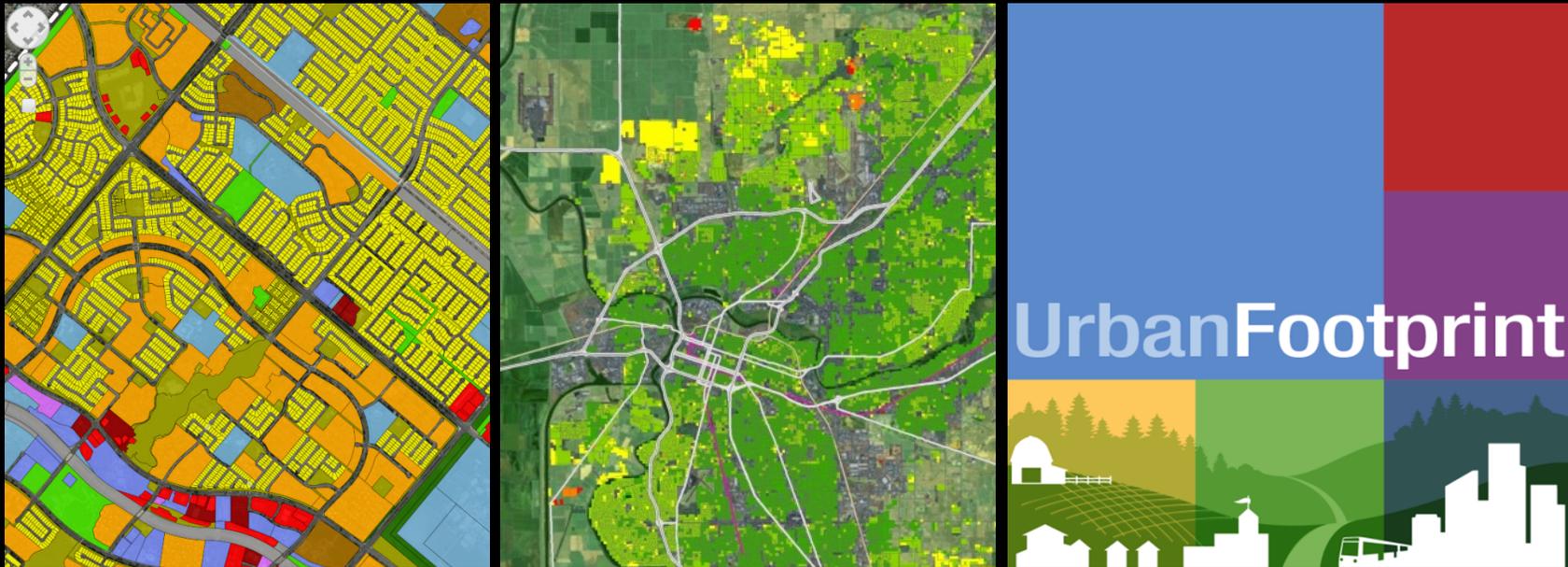
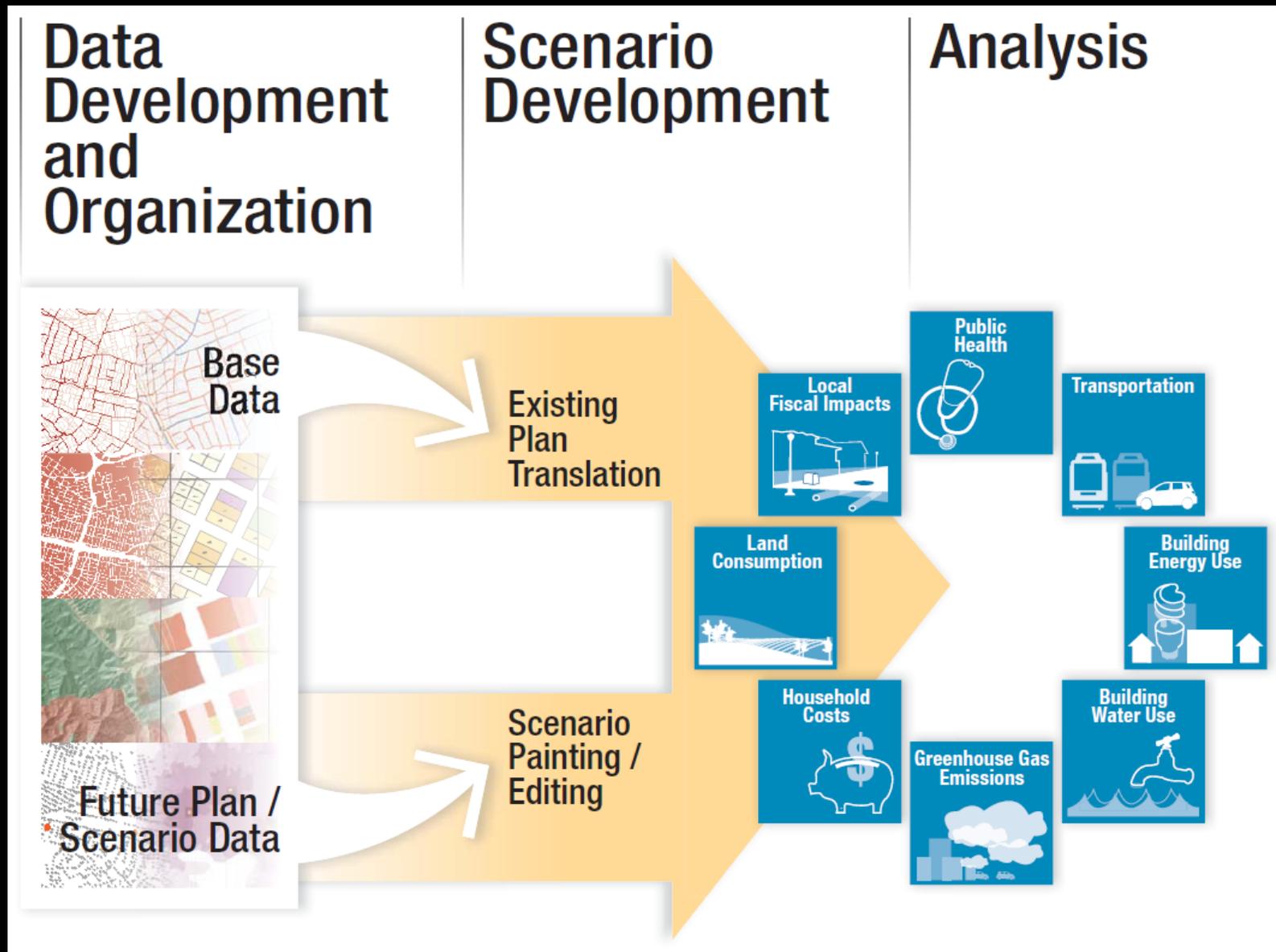


SCAG Scenario Planning Model Phase I Integration



SCAG SPM External Working Group
21 August 2013

Urban Footprint Scenario Ecosystem



SPM Development Flow

Summer 2013

Pilot Phase

Establish and Test Regional – Local Data and Web Connections
Commenting and Select Editing Capability
Gather Input from External Working Group Cities/Counties
Focus on Usability, Stability, and Initial Access

Fall-Winter 2013-14

Initial Roll-Out Phase

Provide SPM Access to all SCAG Jurisdictions
Review of Land Use, GP, and Other Data
Commenting and Select Editing Capability
Continued Input Gathering and Usability Advancements

Winter-Spring 2013-14

SCS-Related Advancement

Regional Data and Analytical Systems Calibration and Setup
Expanded Local Data and Plan Review Capabilities

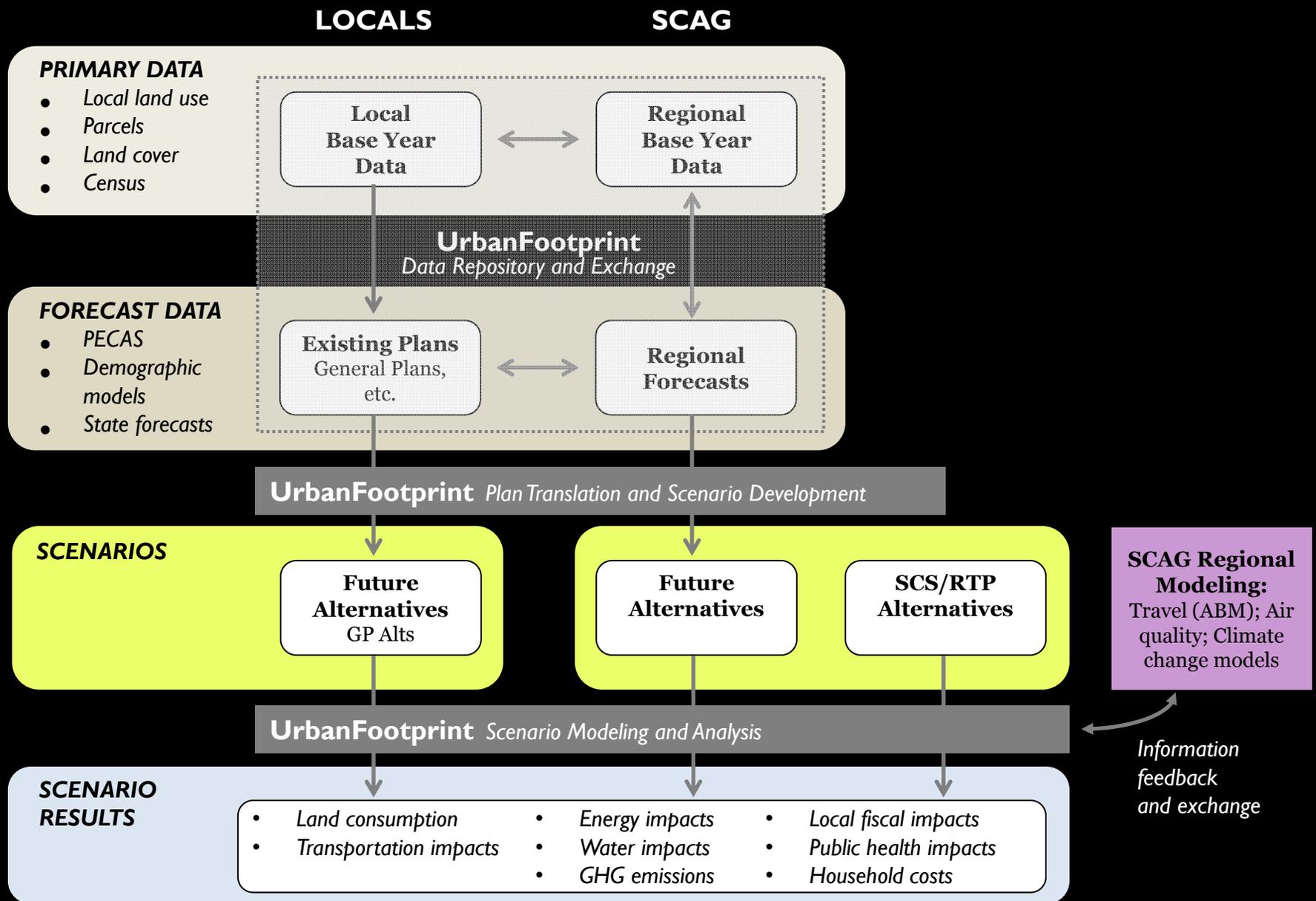
Summer-Fall 2014+

SPM/UrbanFootprint Scenario Development Functionality

Scenario Capability Roll-Out and Analytical Engine Enhancements



SCAG Scenario Planning Model



UrbanFootprint Projects



Scenario Modeling Platform for 2016 RTP/SCS

- Base Year/Primary Parcel Editing Tools
- Transition from Grid to Parcels
- Rural Urban Connections (RUCS) Integration
- User Interface Enhancements/Software Upgrades



Scenario Modeling Platform for 2015 RTP/SCS

- Future Scenario Development Functionality
- SCS Alternative Development and Modeling
- User Interface Enhancements/Software Upgrades



SOUTHERN CALIFORNIA
ASSOCIATION of GOVERNMENTS

Scenario Modeling Platform for 2016 RTP/SCS

- Links to Local Governments
- Use in Local Input Process
- Multi-User Access and Systems
- User Interface Enhancements/Software Upgrades



Version 1.1 **Open Source** Software Stack



PostgreSQL

PostGIS



Spatial PostgreSQL



Mapping/Display

Polymaps

Mapnik

d3

Data Delivery & Queuing

Celery-Redis Queue

Tilestache

Database, Analysis, UI

SproutCore

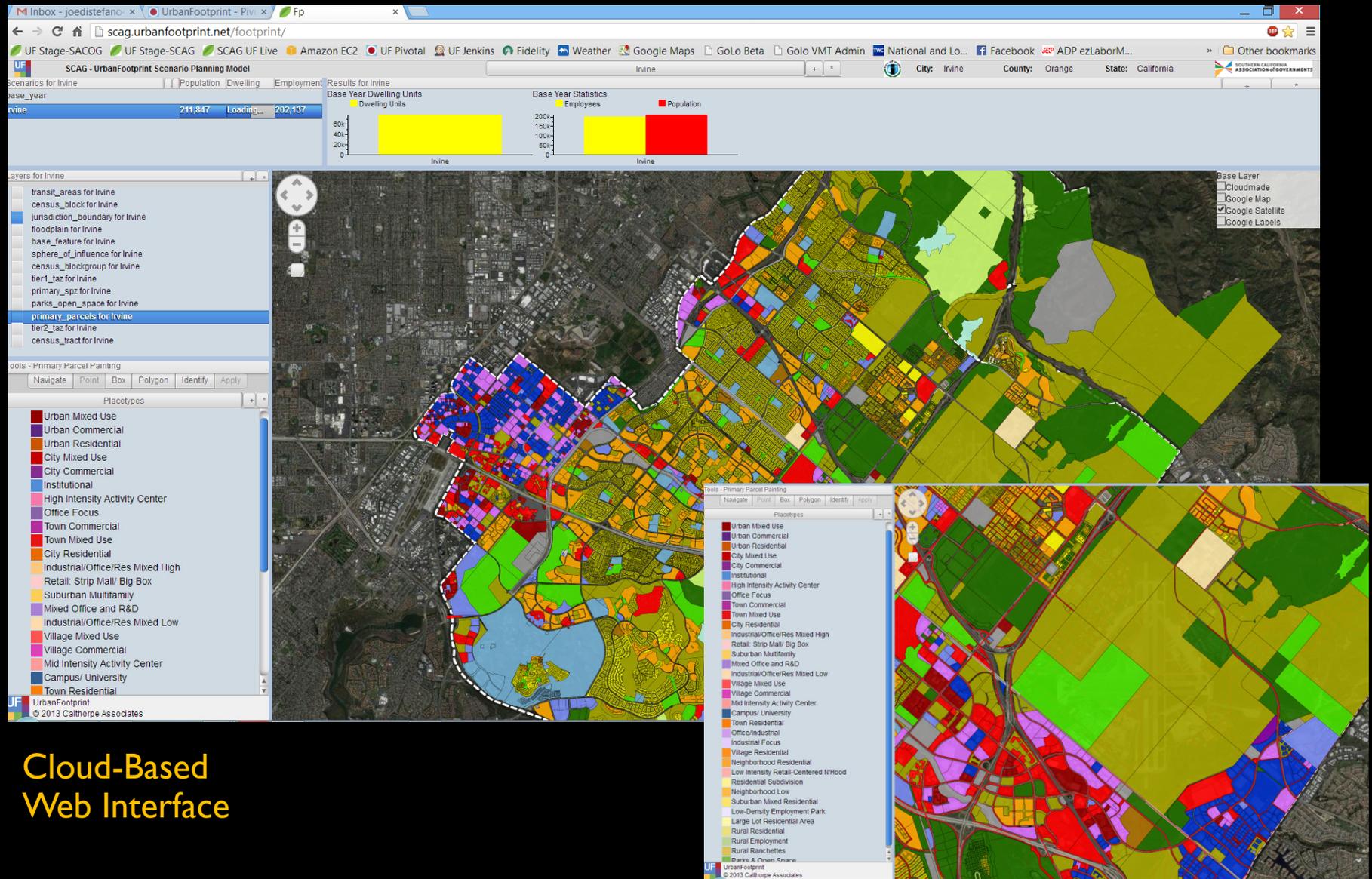
Postgresql-PostGIS

Python – Django - Apache

Operating System

Ubuntu Linux

Web-Based User Interface



Cloud-Based
Web Interface





For More Information
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