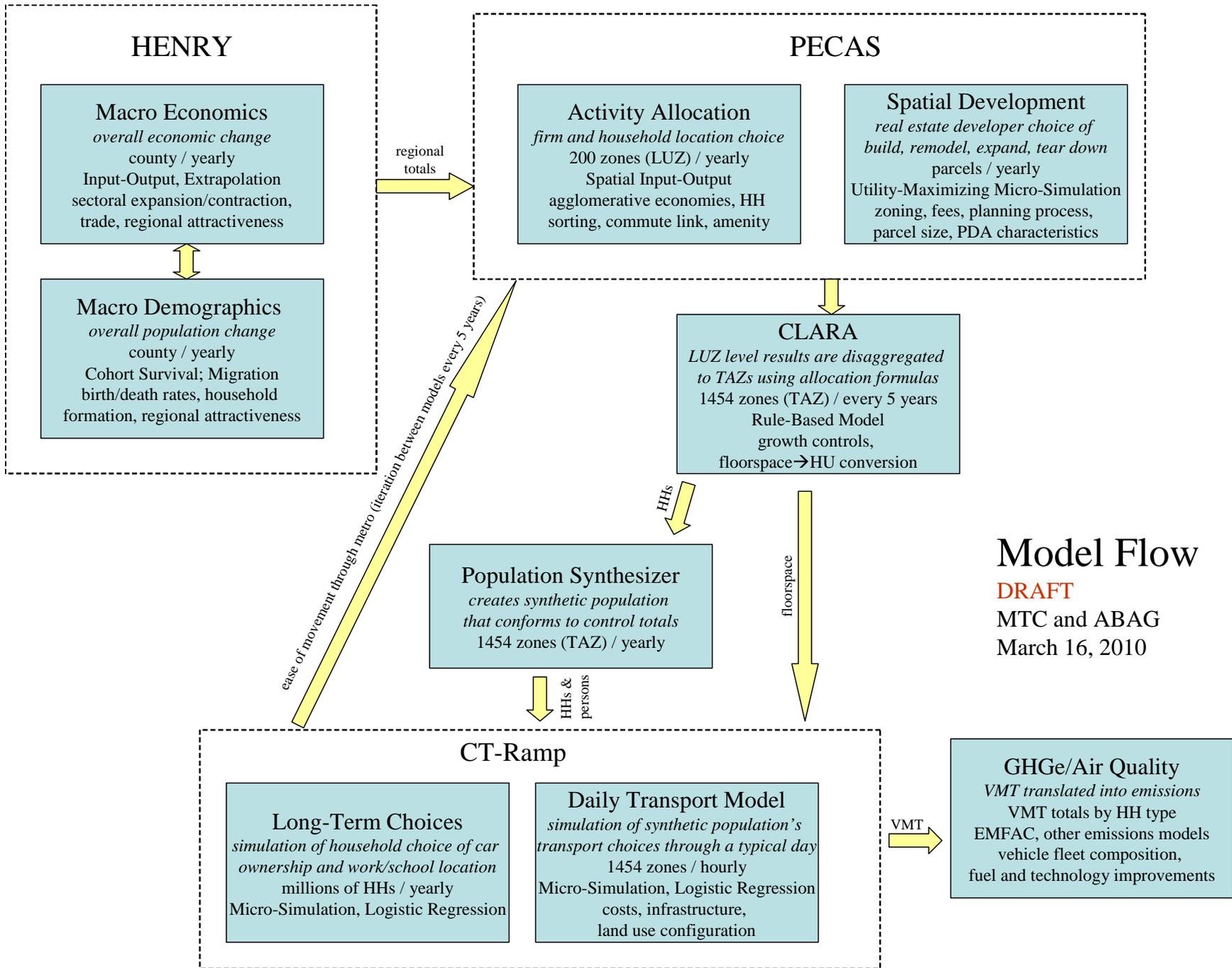


Projecting Growth for the San Francisco Bay Area

ABAG's Land Use Modeling
March 10, 2010





Model Flow

DRAFT

MTC and ABAG

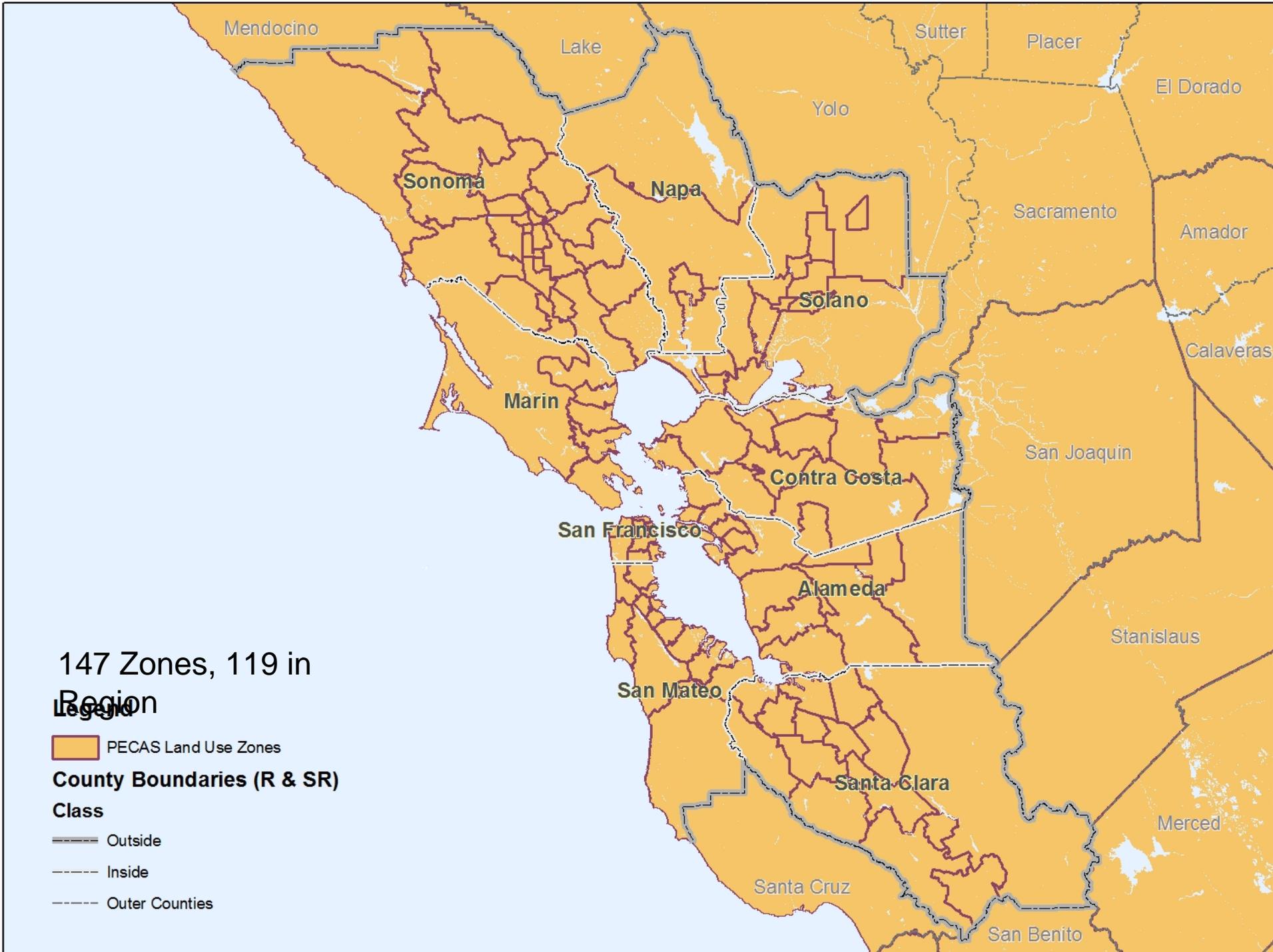
March 16, 2010

Henry Model

- Produces regional/county level population and economic estimates
- Uses standard demographic, macro-economic and policy assumptions and methods
- Economic-demographic relationship
 - Internal and external demand for goods and services cause growth
 - Employment drives migration and inter-regional commuting

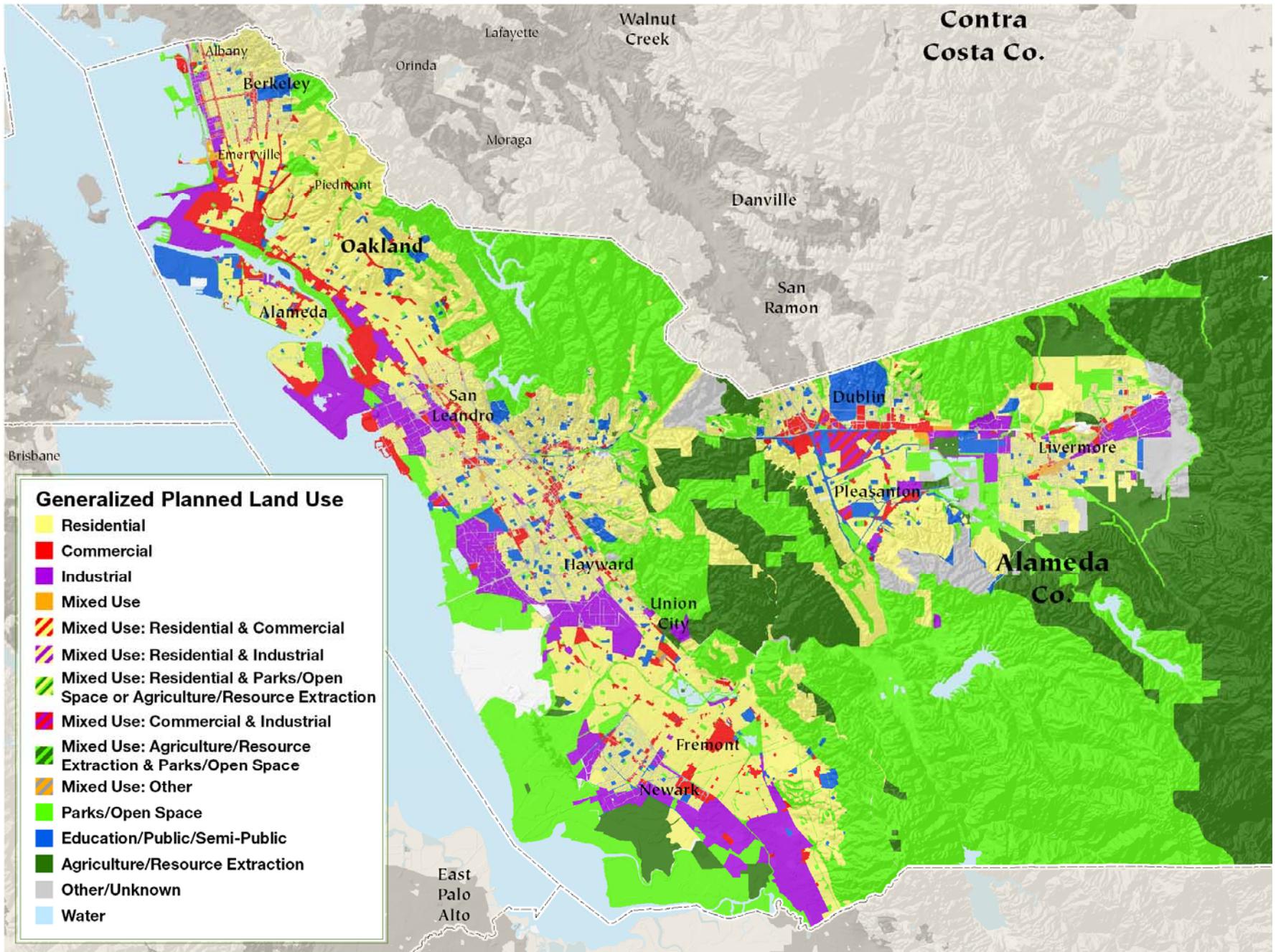
Pecas Model

- Utility maximization theory used to determine the location of economic activities and physical development
- Uses local economic and land use information
- Relationship of economic-physical activities
 - Economic activities cause demand for space
 - Detailed data but only developed for zone level estimates



Clara Model

- Uses allocation rules to assign forecast to tract/TAZ level
- Rules based on existing development and growth potential
- Local population, households, employment, income estimates



What's the Modeling For?

- Identifying Expected Growth Levels
- Describing Land Use/ Transportation Relationships
- Can Test Results Against Regional and Local Performance Targets