

A satellite-style map of Southern California, showing the coastline, major cities, and mountain ranges. The ocean is a deep blue, and the land is a mix of brown, tan, and green. The text is overlaid on the map.

Overview of Southern California's Water Management Strategy

***Metropolitan Water District of Southern California
October 20, 2005***

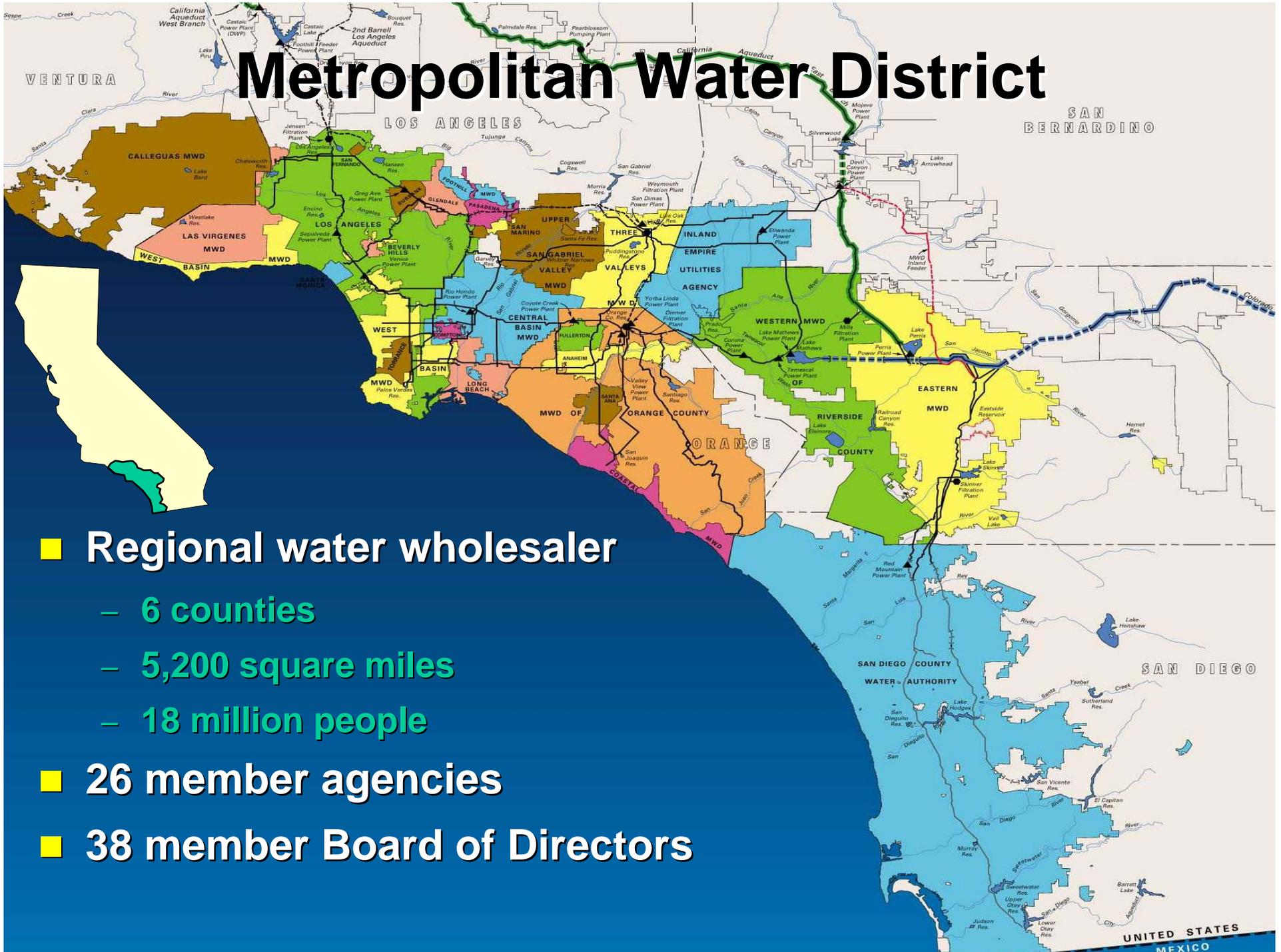
Metropolitan Water District of Southern California

- 6 counties; 5,200 square miles
- 18 million people
- Regional economy: \$822 billion
- Projected growth:
~220,000 people/year
- MWD provides
nearly 60 % of
southern
California's supply



MWD Service Area

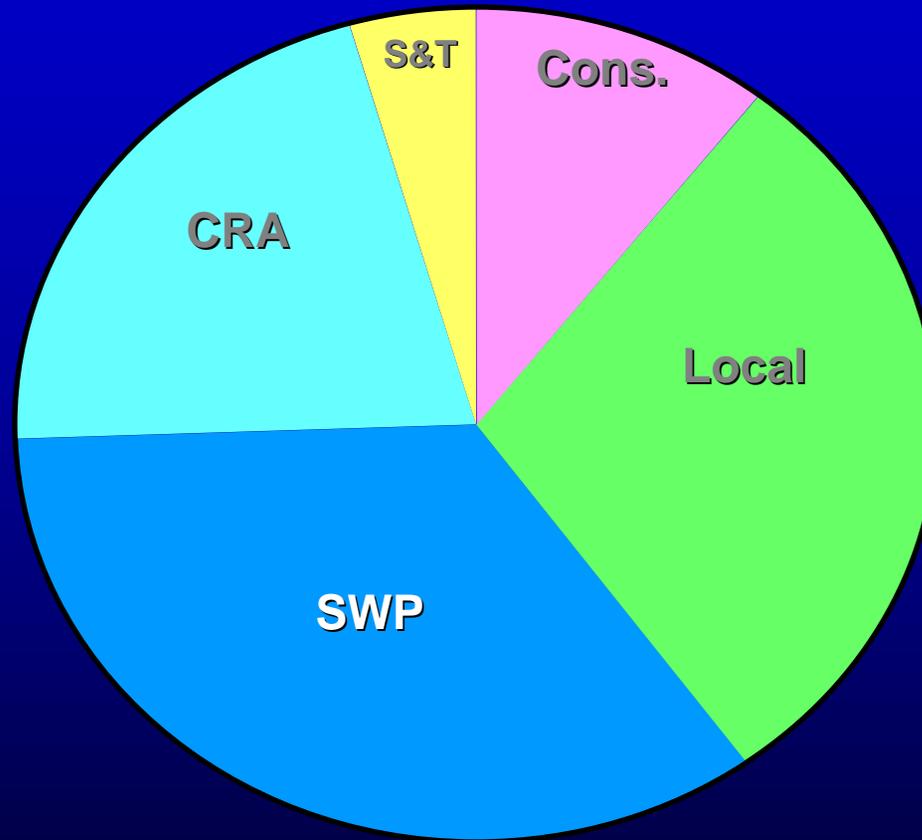
Metropolitan Water District



Where Southern California Gets its Water



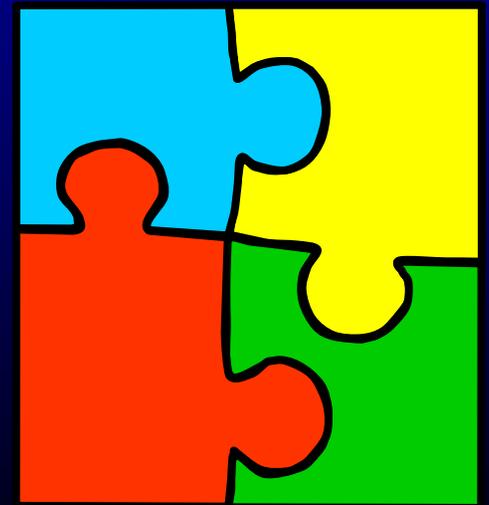
Metropolitan's Supply Mix: Early 1990's



Heavy
dependence on
Imported supply

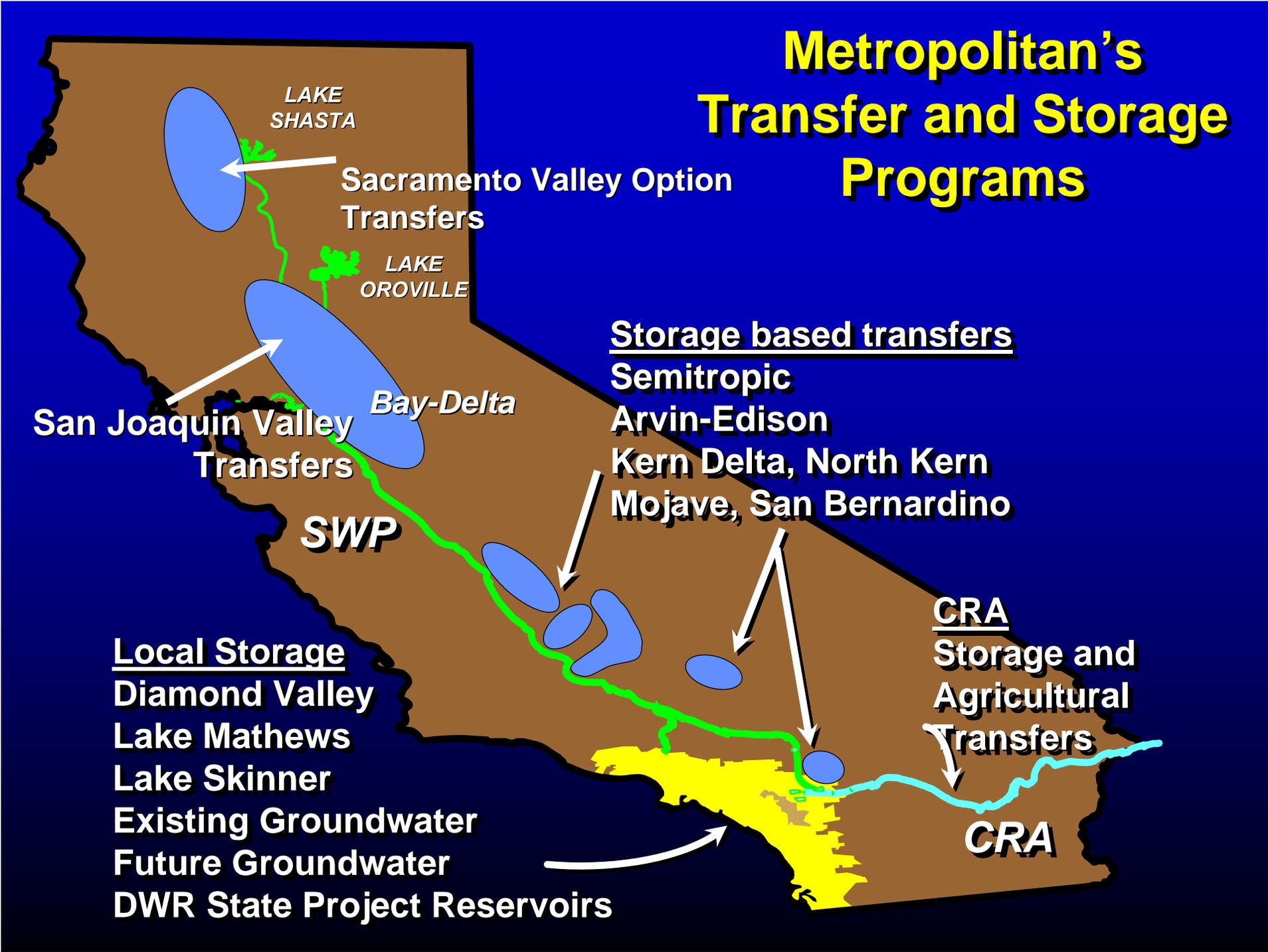
Southern California's Integrated Resource Plan

- Long-term water resource plan
- Ensures
 - Diversity, adaptability
- Recognizes constraints
 - Environmental, political, institutional
- Emphasizes
 - Reliability, affordability, water quality





Metropolitan's Transfer and Storage Programs



Building Relationships: Transfers

■ Option contracts with farmers

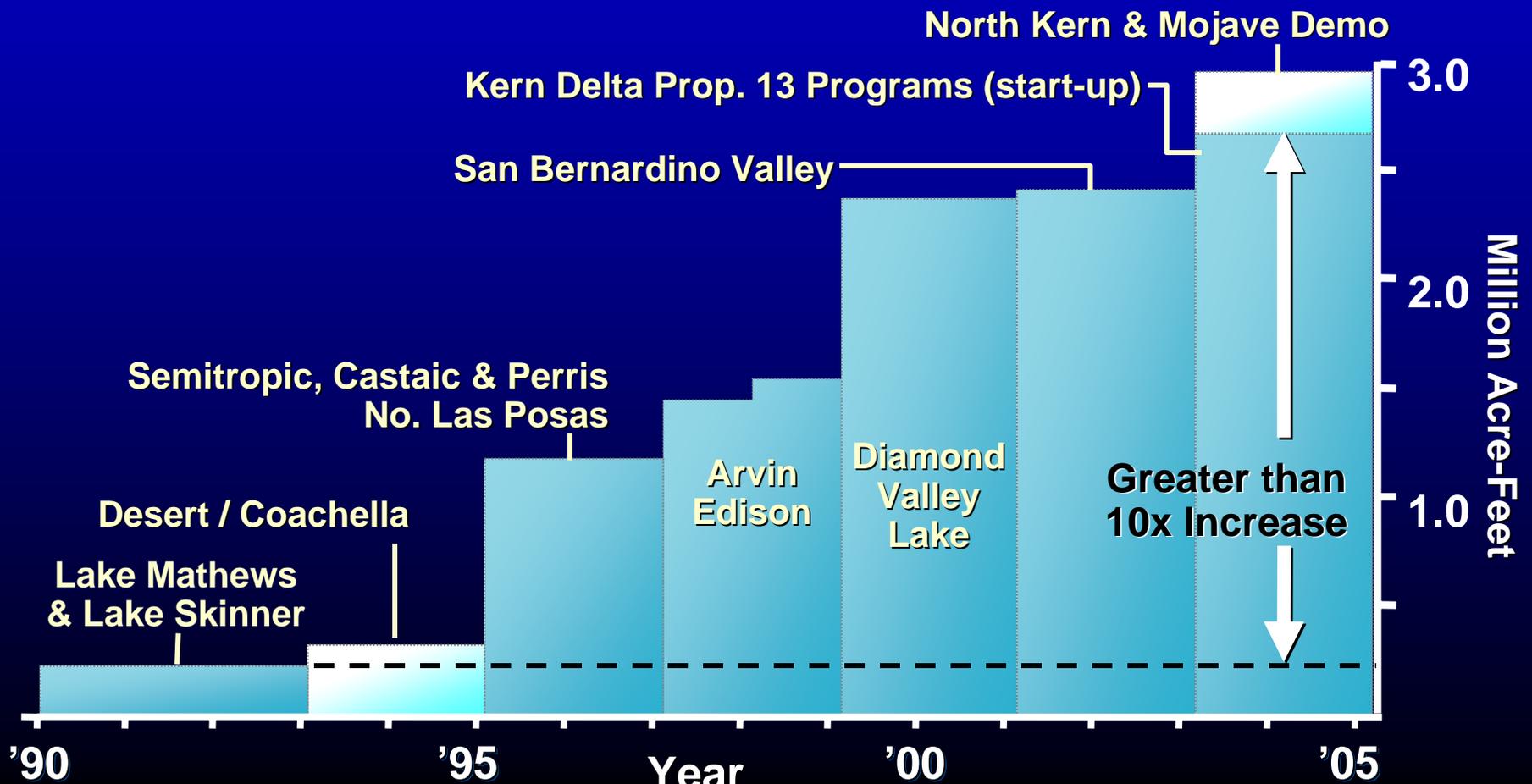
- Option price: offers farmer income up front
- Strike price: offers farmer income for water
- Works with farmer's land practices
- Deadlines recognize farmer's business

■ Groundwater storage programs

- With irrigation districts
- Payments to develop facilities, store water
- Payments to pump and deliver water

Storage Development

Projected stored water at the end of 2005:
2.7 Million Acre-Feet





Local Partnerships: Conservation

- **Use rebates and incentives for consumers to make the right choices**
 - Up to \$154 per acre-foot for “traditional” programs
- **Work with local agencies and communities for distribution programs**
 - Toilet replacement through local communities
- **Innovative Conservation Program**
 - Seed money to develop “non-traditional” programs through a competitive process

Local Partnerships: Groundwater Conjunctive Use

- **Work with local groundwater basins**
 - Deliver water when abundant to replenish local storage
 - Facilitate several methods for storage
- **Contract with local groundwater basins**
 - Help develop storage and wells
 - Contract to store additional water to be called upon in a drought
- **Work to provide both regional and local benefits**

Local Partnerships: Recycling, GW Recovery and Desalination

- **Use of incentives to increase production**
 - Up to \$250 per acre-foot
- **Partnering with local agencies to develop projects**
- **Use competitive processes to ensure value**
 - Request proposals, evaluate and select the best projects.

Metropolitan's Regional Investments

Recycling

● 53 projects

Groundwater Recovery

■ 22 projects

Conjunctive Use Programs

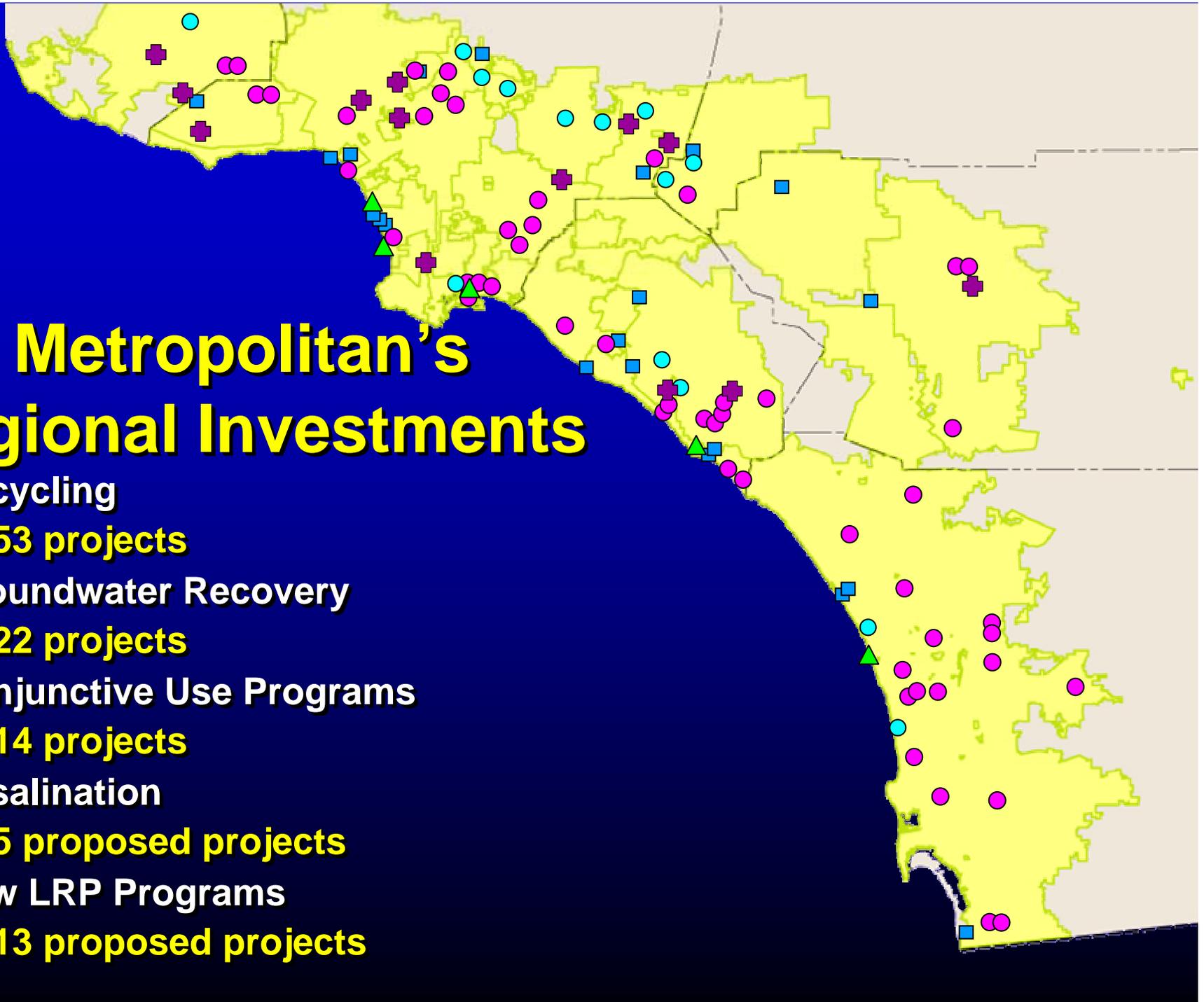
● 14 projects

Desalination

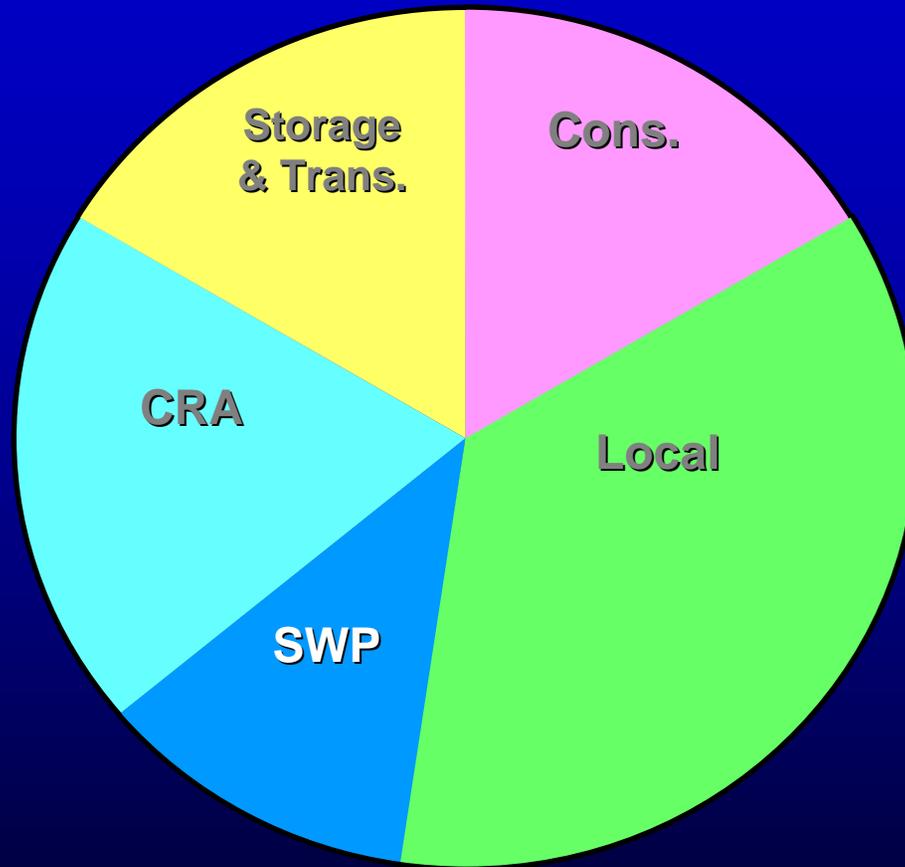
▲ 5 proposed projects

New LRP Programs

✚ 13 proposed projects

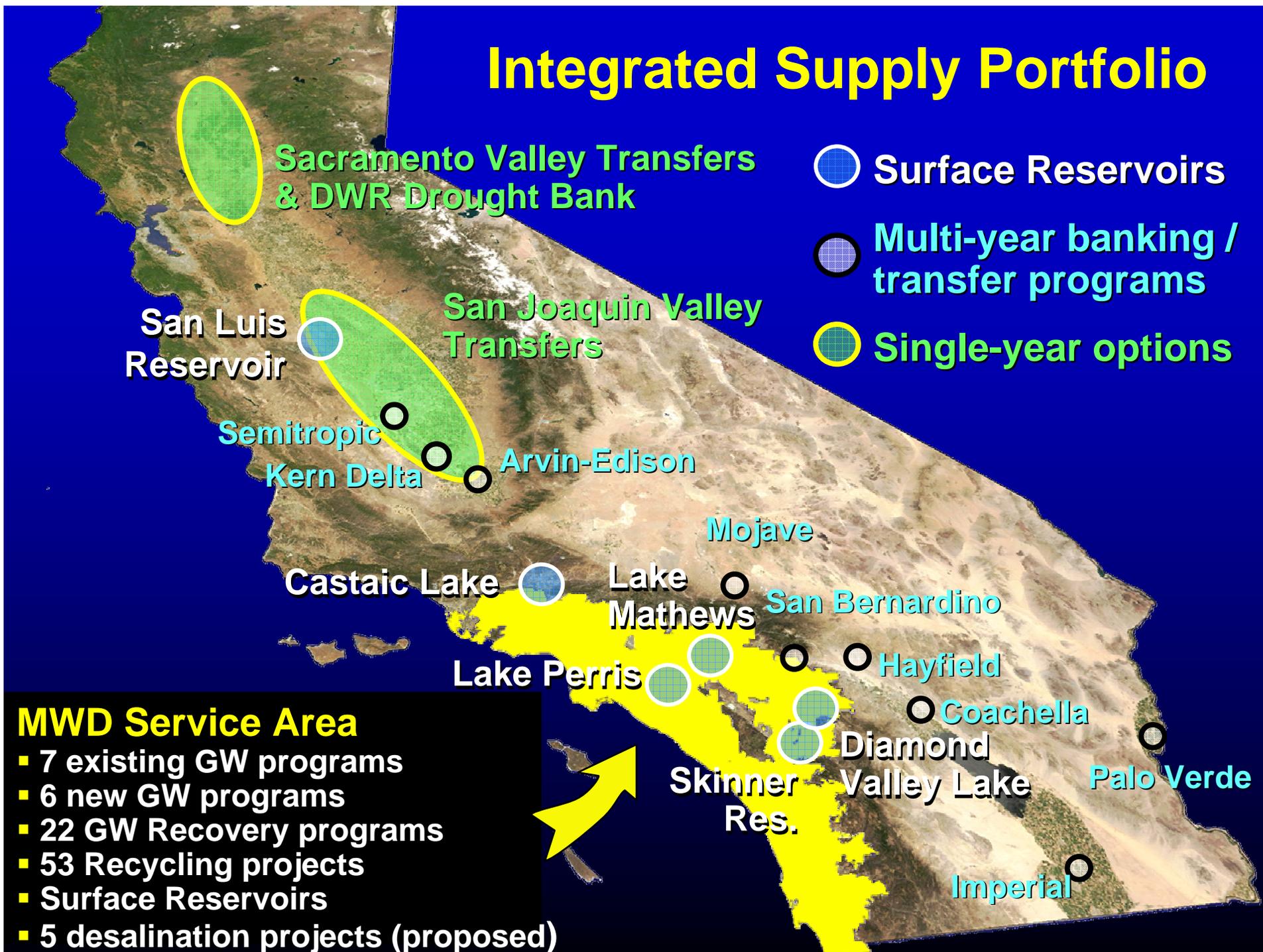


Metropolitan's Supply Mix: Today and Into the Future



Less than half of the region's water from the Colorado River and State Water Project

Integrated Supply Portfolio





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