

# It is time for 21st Century Water Solutions

## “Soft Path” solutions for water

- Rethink the concept of water “supply.”
- Rethink the concept of water “demand.”
- Protect water quality and match quality of supply to quality of need.
- Use smarter economic tools.
- Protect ecosystem needs and health.
- Rethink water institutions, management, public participation, strategies.

# New Thinking about Solutions

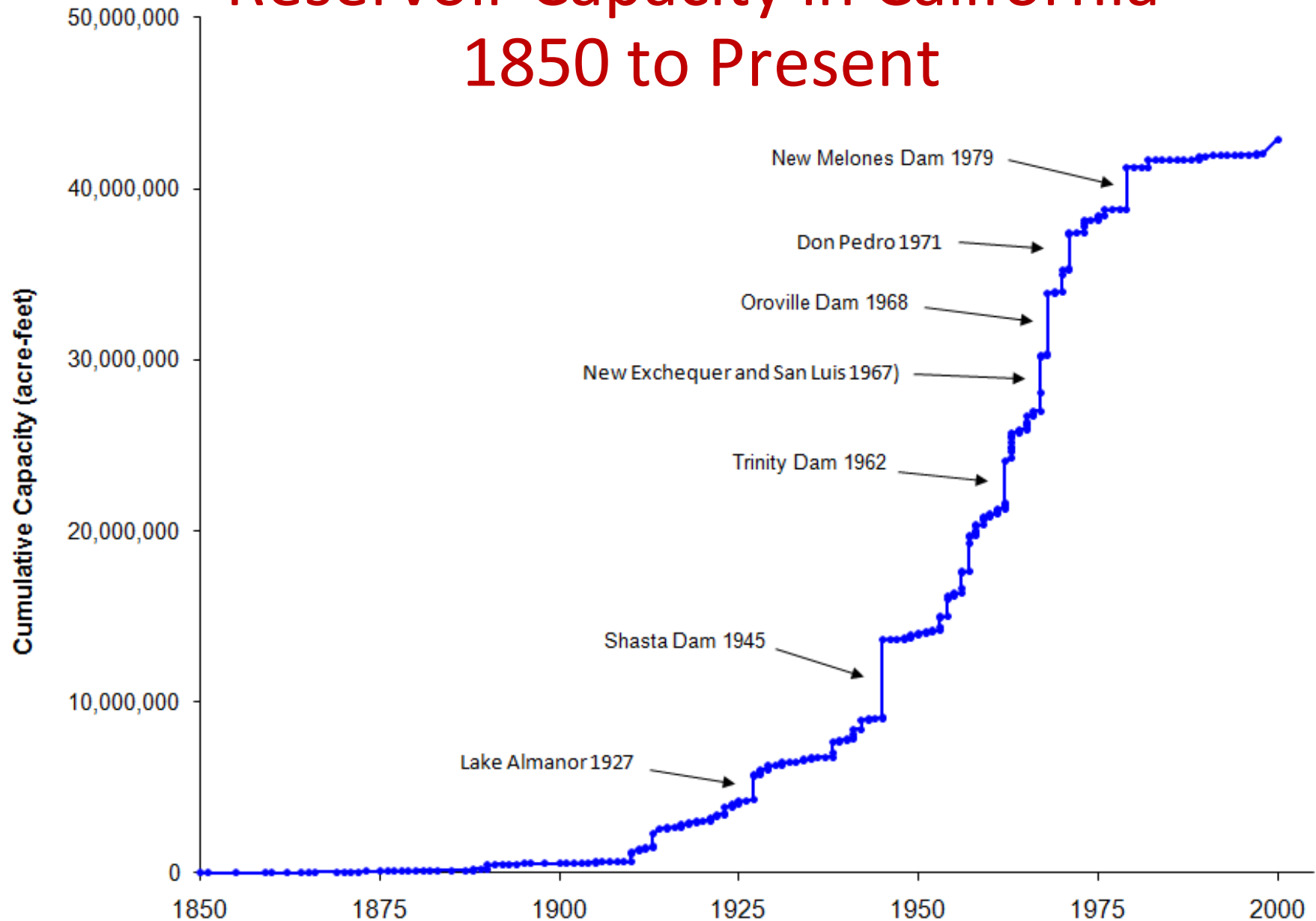
- Rethink “supply” and infrastructure
  - Conjunctive use, treated wastewater, innovative transfers, desalination, rainwater harvesting
- Rethink “demand” and use
  - Improve water use productivity, reduce waste, rethink economic priorities and choices
- Rethink “management” and institutions
  - New institutions, improve existing institutions, better water monitoring, interdisciplinary efforts (energy, climate, food...)



Traditional Sources of Supply Must be Supplemented with New Ones

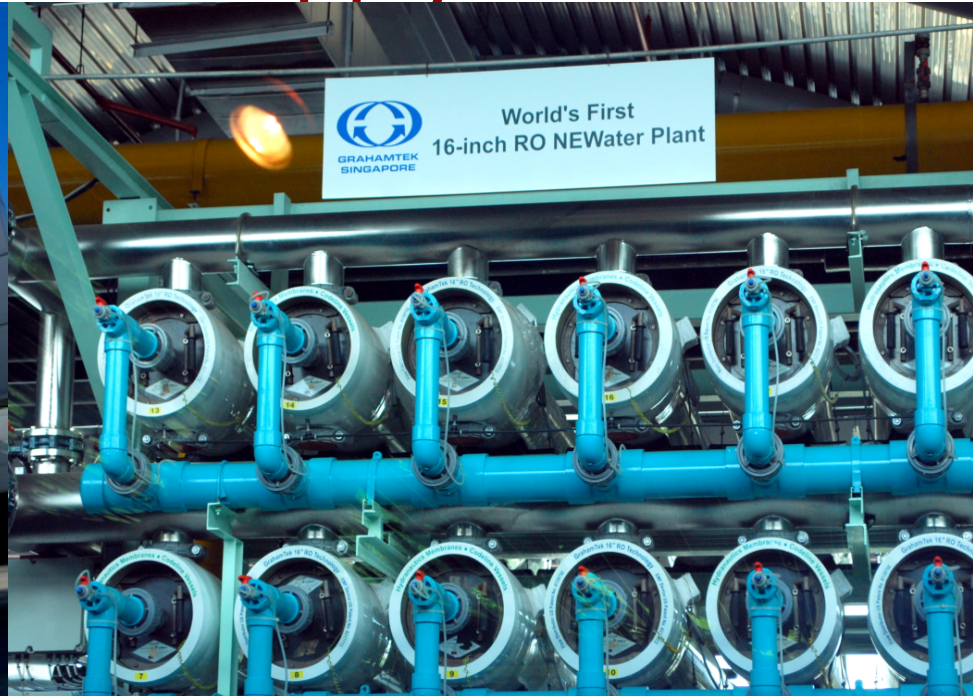
Traditional solutions are tapped out, or increasingly expensive, or no longer appropriate (or are the problem!)

# Reservoir Capacity in California 1850 to Present





# New Sources of Supply



NEWater, Singapore (photo: P. Gleick 2011)

