

# *Seawater Desalination*

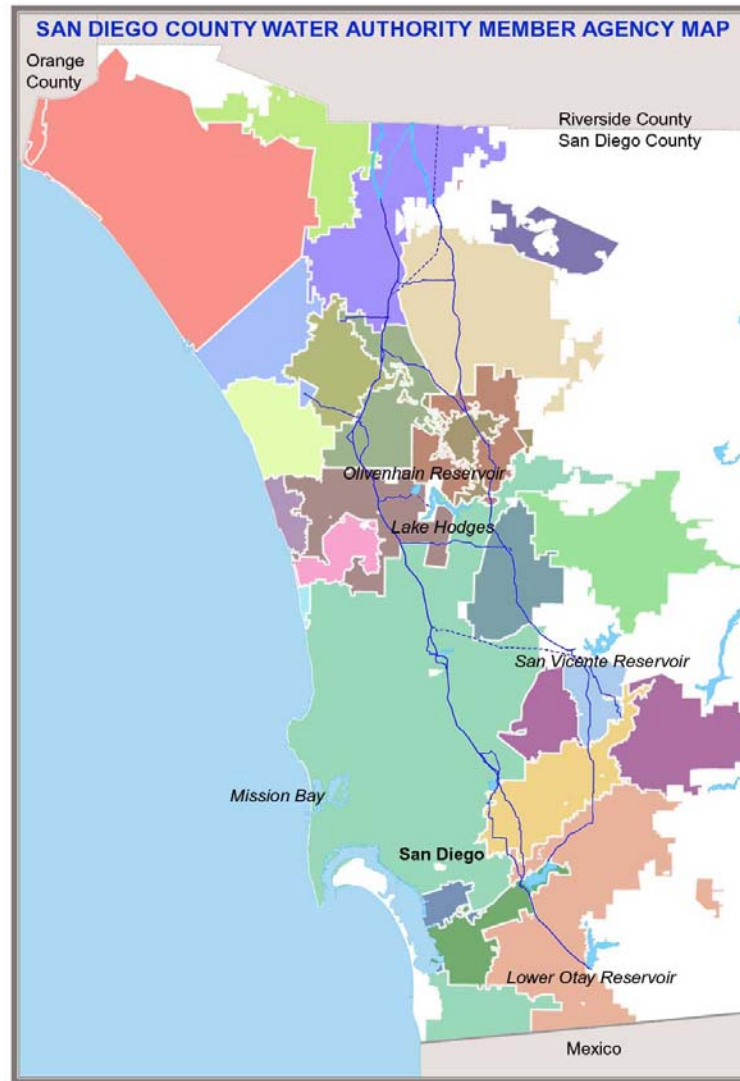


# Sources of Imported Water

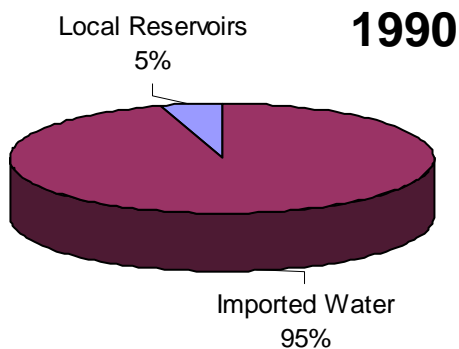
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# Regional Water Supply

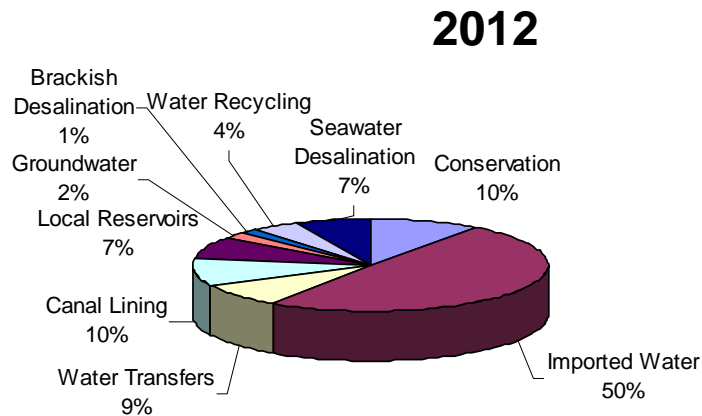


# Water Supply Diversification



**Total Demand: 717,017 AFY**  
**Conservation Savings: 0 AFY**  
**Per Capita Demand: 190 GPD\***

➤ The San Diego region is taking steps to reduce its dependence on imported water



**Total Demand: 715,450 AFY**  
**Conservation Savings: 79,960 AFY**  
**Per Capita Demand: 166 GPD**

➤ Along with water conservation and water recycling, desalination a critical component of regional water supply diversification plans

# Desalination Worldwide

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- Mature Technology
  - 21,000 Projects Operating Worldwide
  - 3 Billion Gallons Per Day of Production
  - Serving All Conceivable Uses
  - Significant Local Expertise
- Environmentally Responsible Solution
- Affordable Water Supply Option - \$0.003/gal

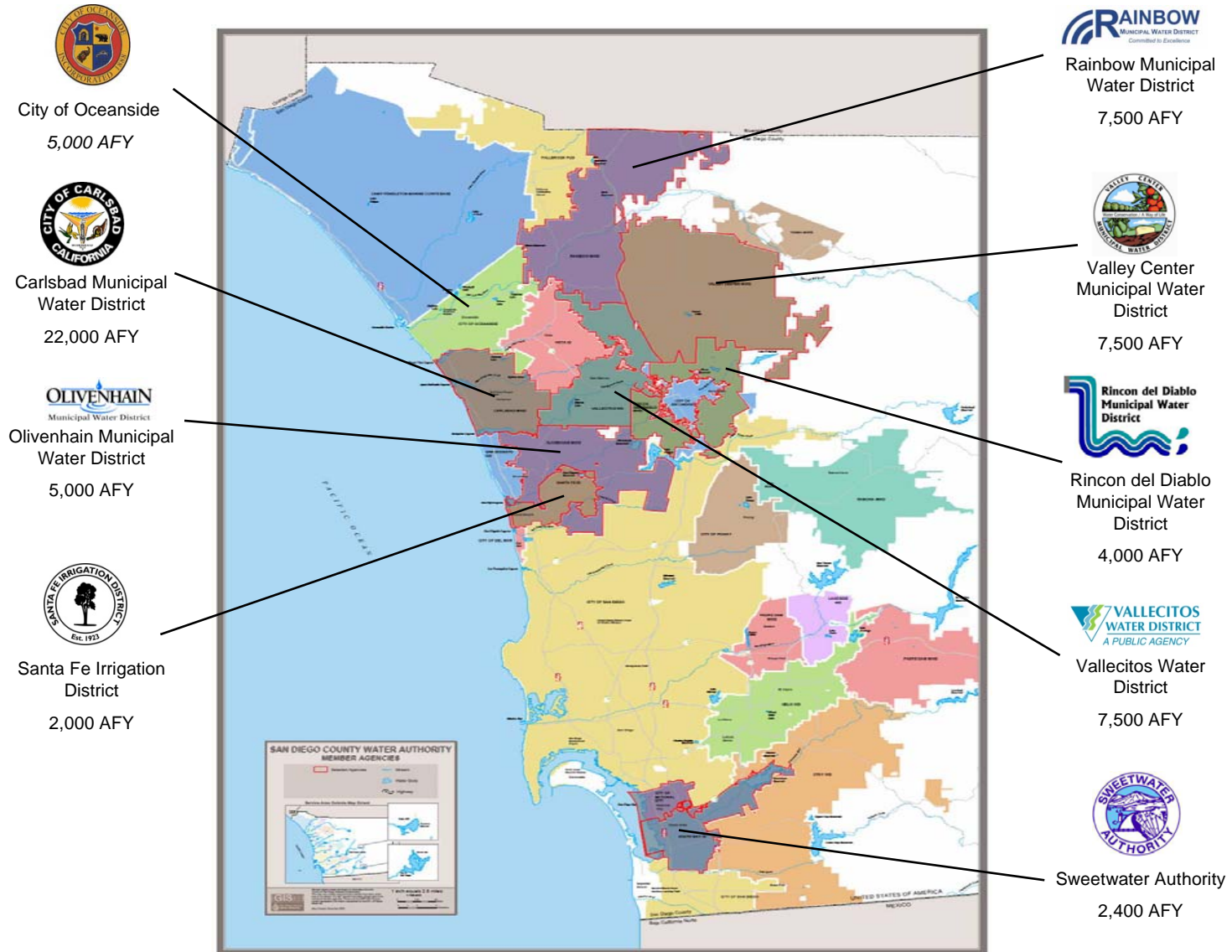


# Carlsbad Desalination Project

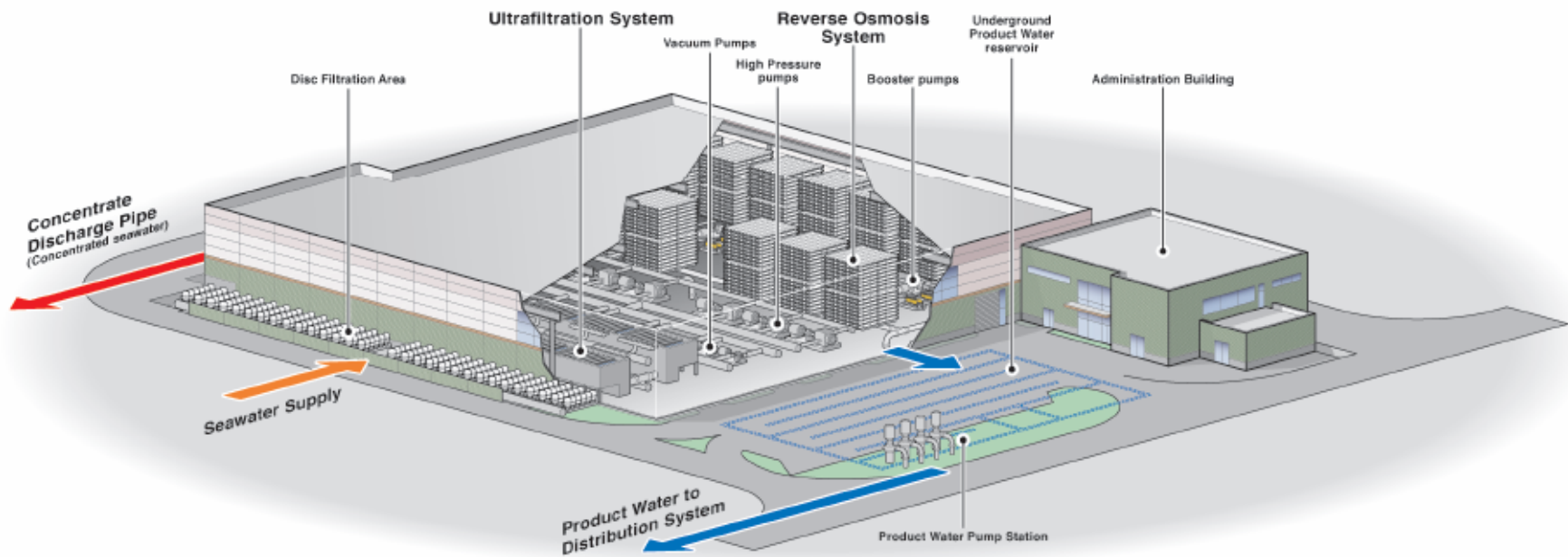


Artist Rendering of the Carlsbad Desalination Project

# Water Agency Partners



# How Does it Work?



# Project Benefits

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- Locally-controlled, drought-proof, and high quality supply of water
- Offsets the need to import 56,000 AFY of imported water
- Public agency partners never pay more than avoided cost of imported water
- Provides for long-term stewardship of Agua Hedionda Lagoon
- Restoration of 55 acres of marine wetlands habitat
- No increase in greenhouse gas emissions
- Increased revenue for local improvements in the coastal zone.
- Significant local employment opportunities