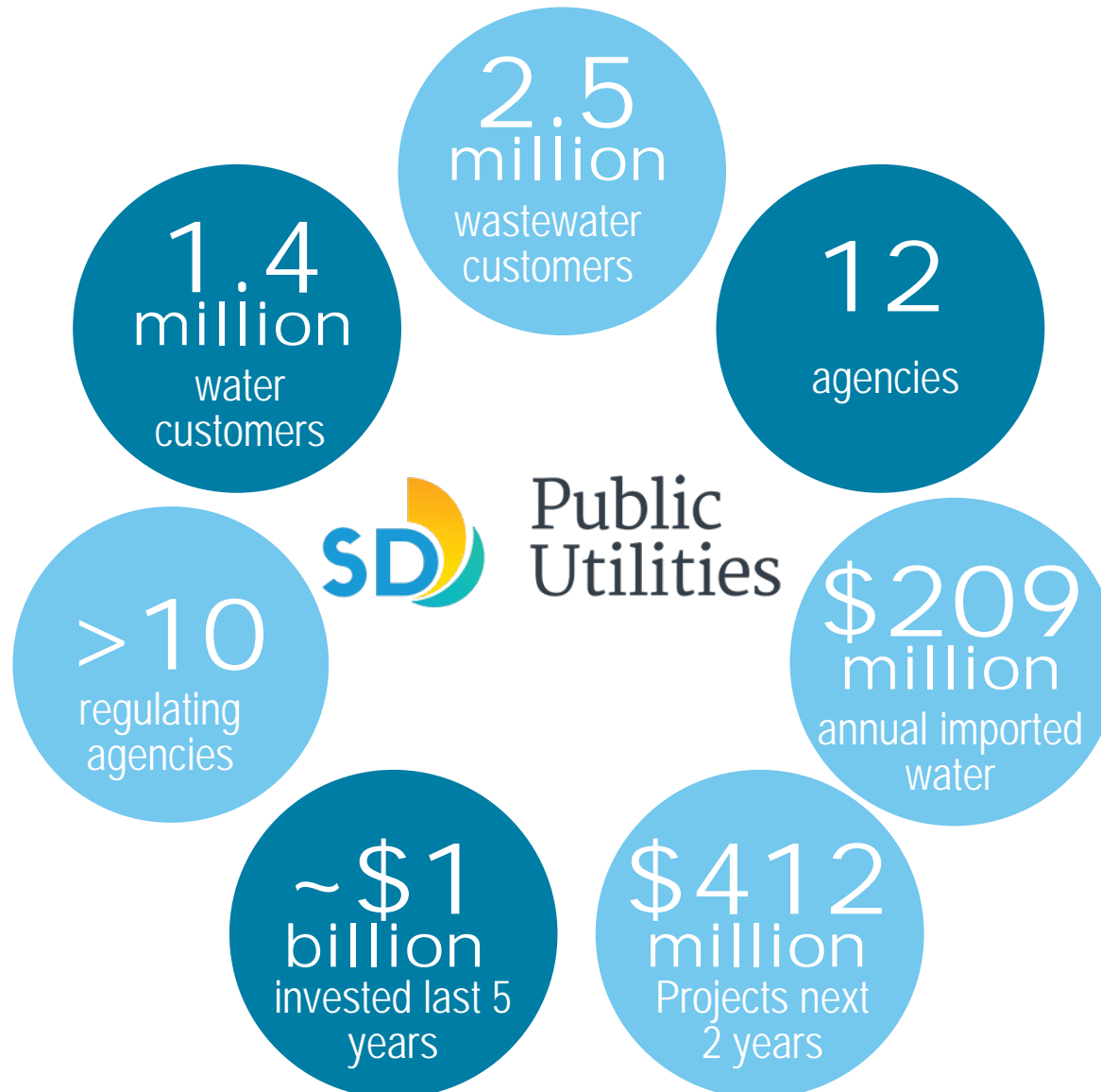




# Pure Water San Diego

## Program

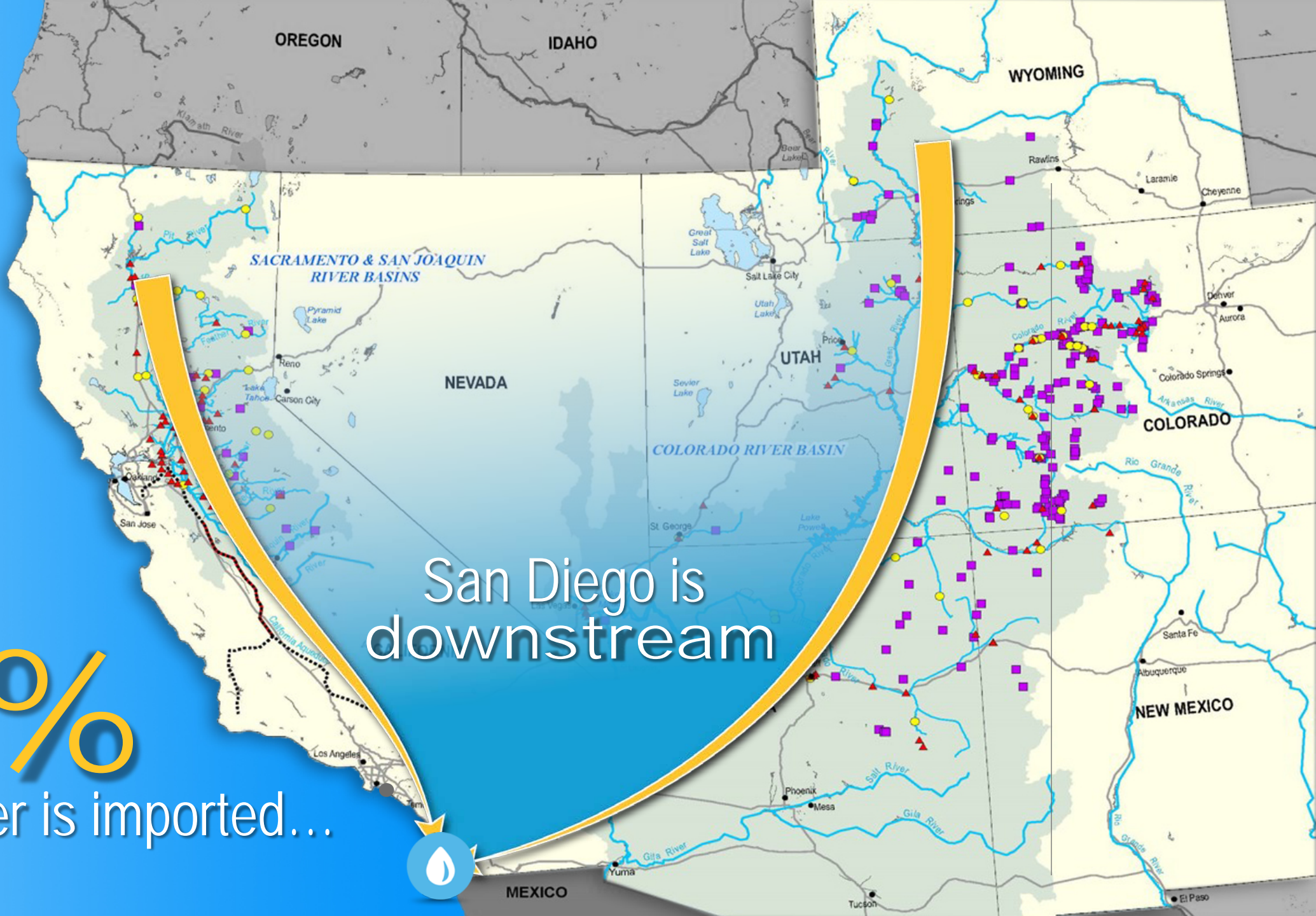
# San Diego PUD: The Numbers



85%

of our water is imported...

San Diego is  
downstream



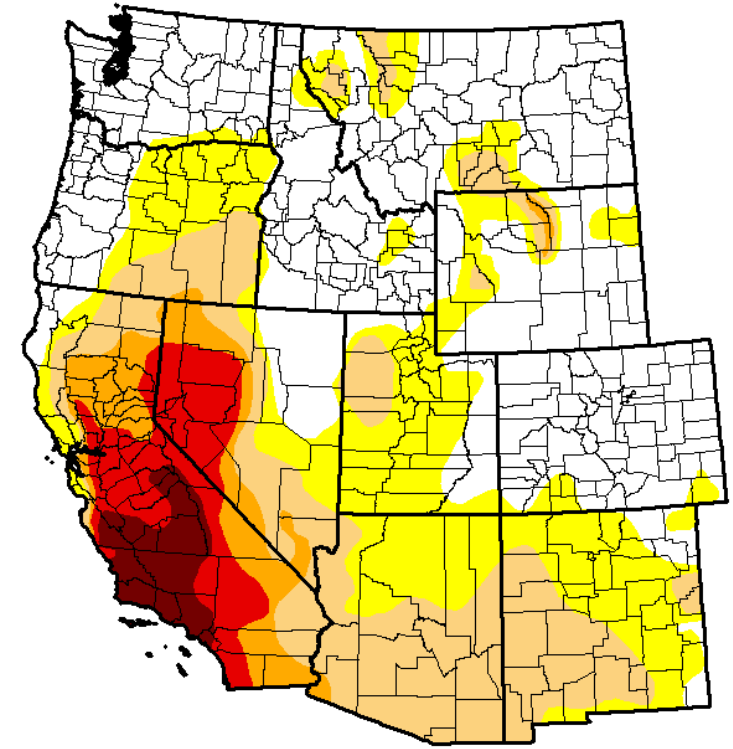
# We Face Numerous Water Challenges

*Imported water cost per acre-foot*



- Limited local & imported supplies
- Population growth
- Bay Delta constraints
- Natural disaster risk
- Rising imported water costs
- Recurring drought

# We are in a drought



Southern California remains firmly locked in a fifth year of drought.

– San Diego Union Tribune, 05/09/16

# What is Being Done?

## Multi-faceted Approach:

- Conservation
- Desalination
- Groundwater Development
- Recycled Water
- Pure Water Program



# What is Pure Water San Diego?



Safe



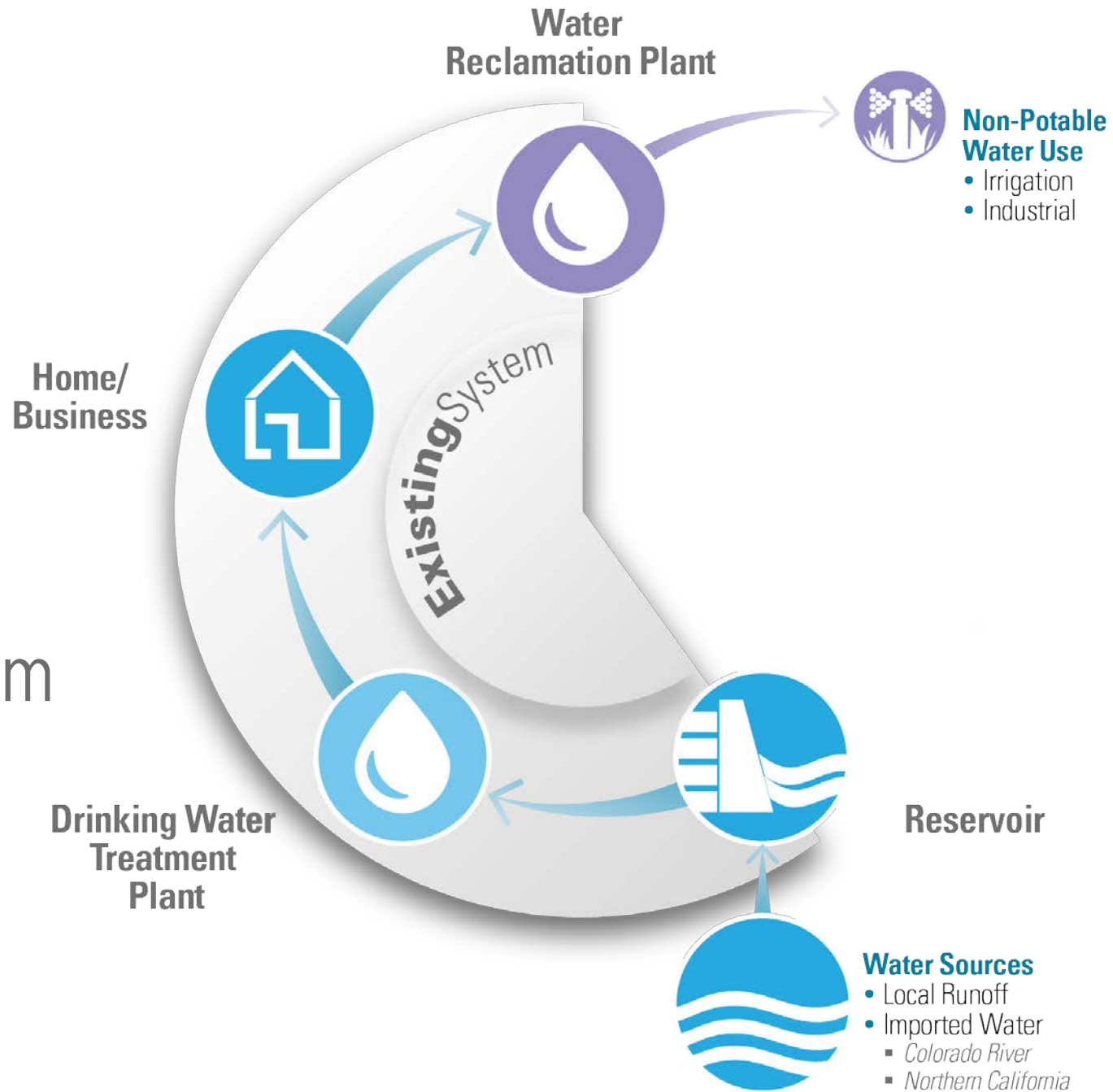
Reliable



Cost-effective

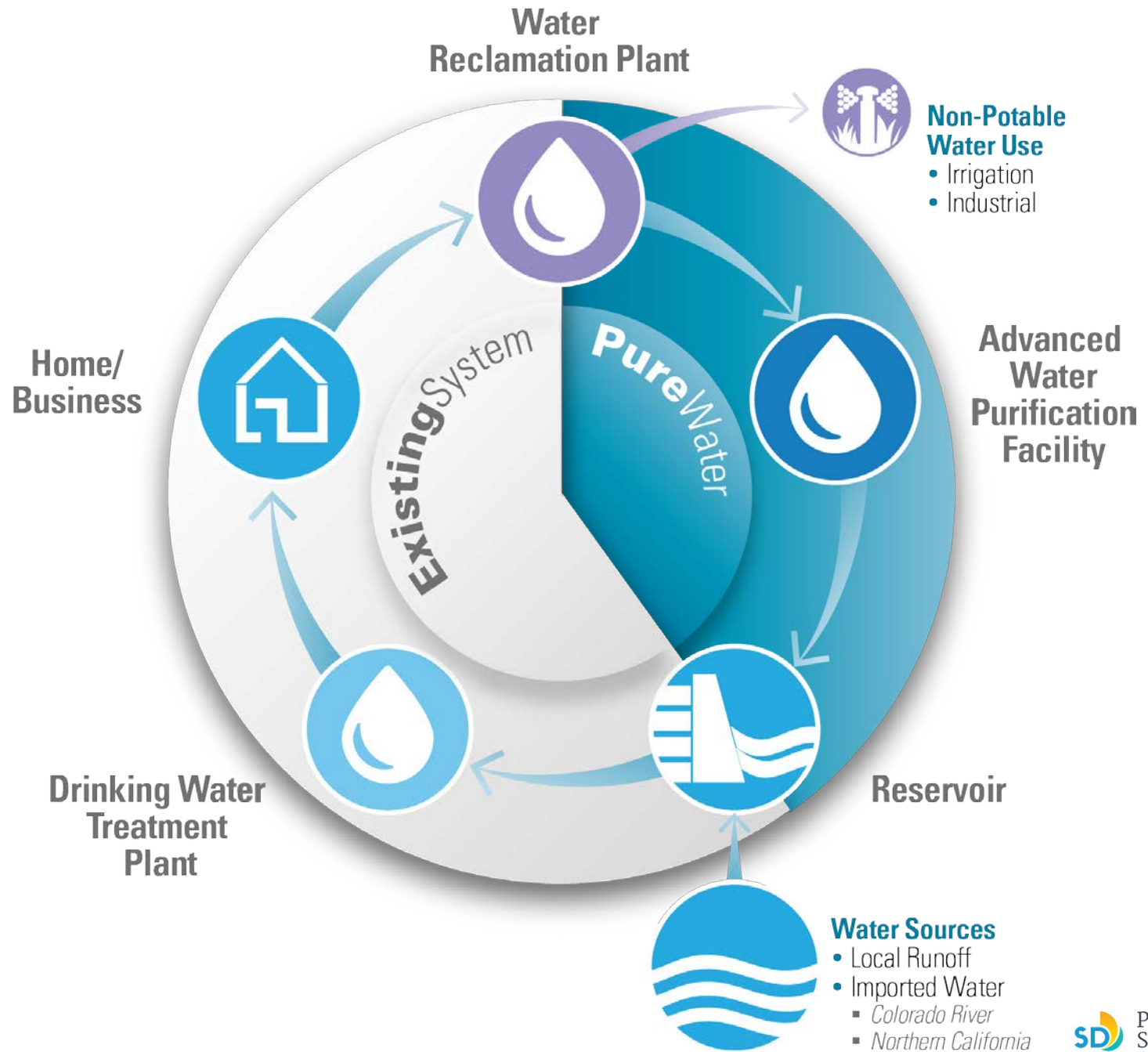
# Existing System...

Primarily a Single-Use System

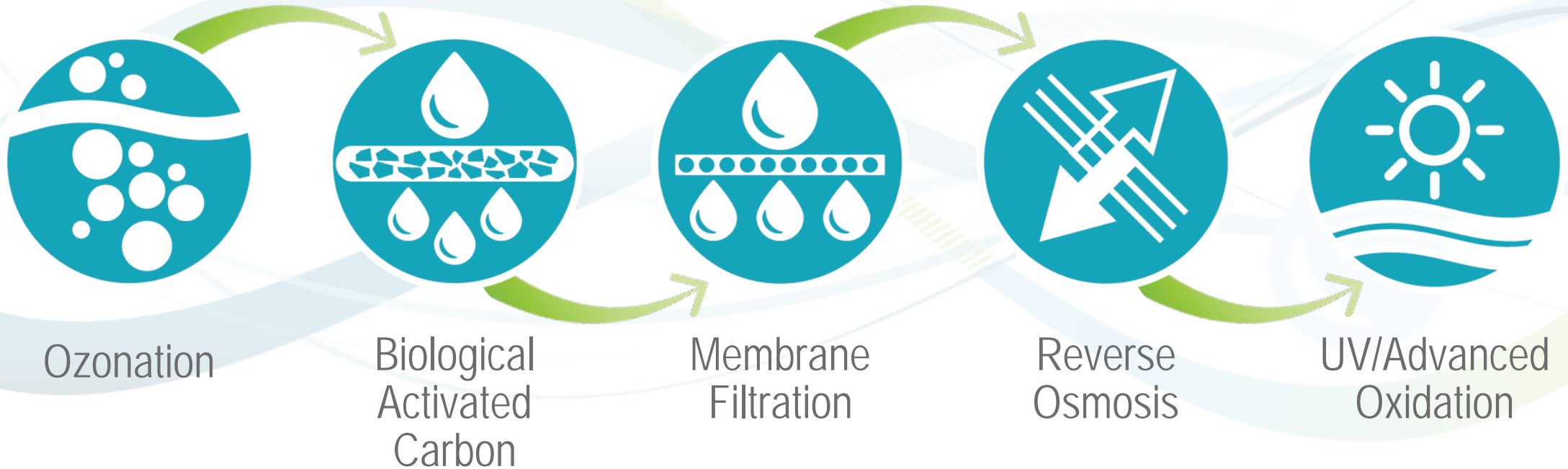


# Pure Water...

## Completes Our Water Cycle



# Pure Water Uses Proven Technology

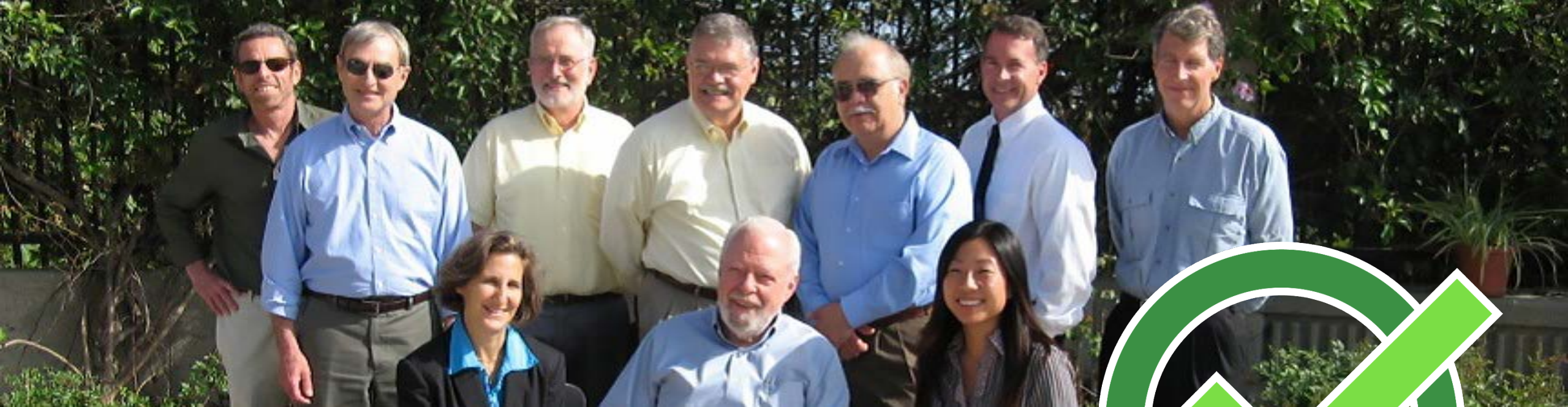


# Pure Water Runs a Successful Demonstration Plant



- 28,000 lab tests: Met all standards
- Water quality: Exceptional
- Energy use: Less than imported water

# Pure Water Independent Advisory Panel



Provides Stamp of Approval

- Local & National Experts
- 9 PhDs focused in water quality, & public health

# Pure Water Treatment Processes

## A Long Track Record of Success



Orange County, California

37  
years



Fairfax, Virginia

30  
years

# Meeting 100% of Water Quality Standards

# Pure Water Reservoir Augmentation Concept



## Involved Close Coordination with Regulators

- **APPROVED** by California Division of Drinking Water (2012)
- **SUPPORTED** by the Regional Water Board (2013)

# Program Goals

Phase <b>1</b>	<b>30 mgd</b> by 2021	<b>North City</b>
	Output	Location
Phase <b>2</b>	Additional <b>53 mgd</b> by 2035	<b>Central Area South Bay</b> (as needed)

**Total: 83 mgd**

Pure Water  
will produce  
**1/3**  
of your water  
locally

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### Phase 1

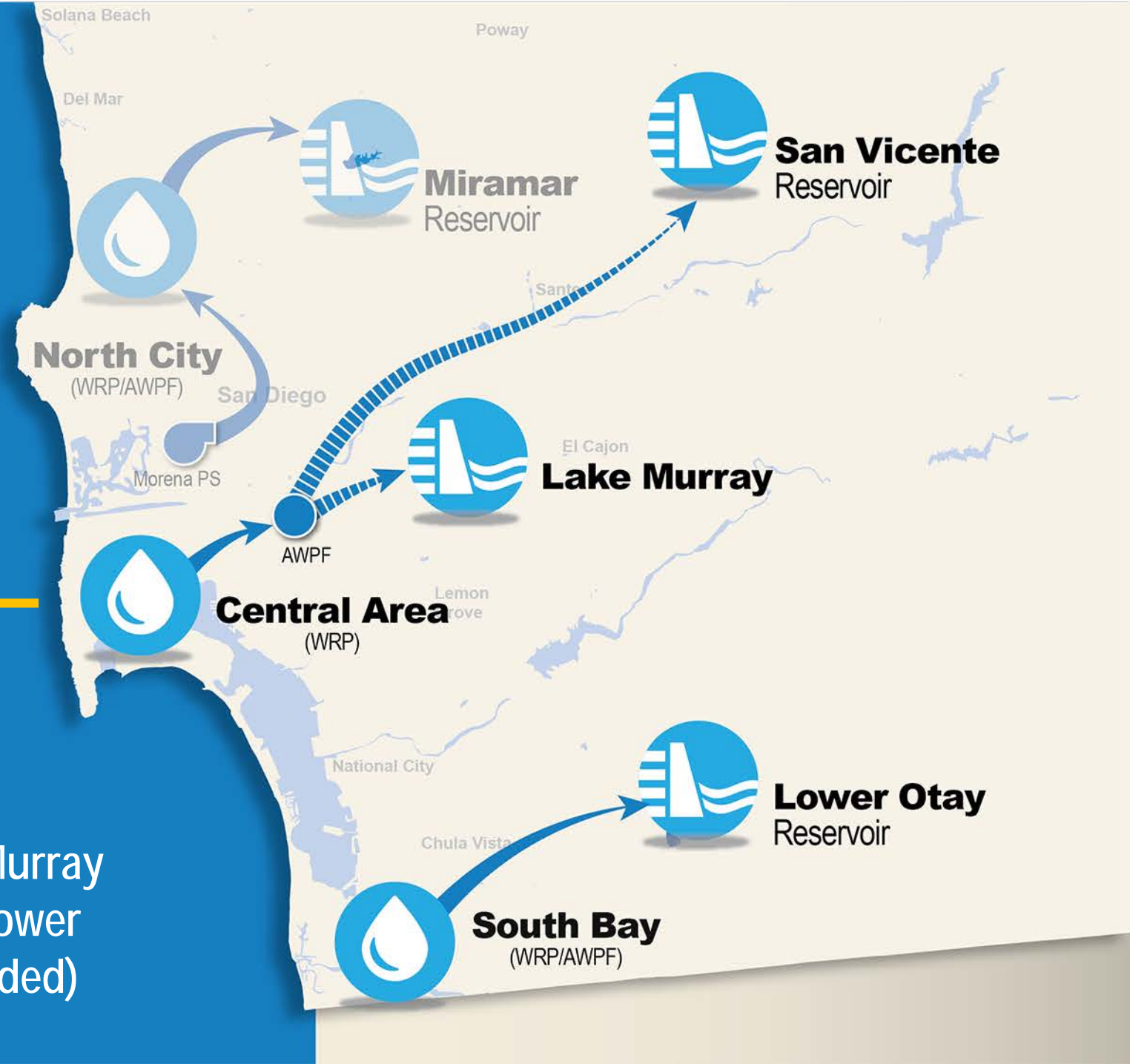
- 2021 Completion
- 30 mgd
- North City AWPf to Miramar



Pure Water  
will produce  
**1/3**  
of your water  
locally

### Phase 2

- 2035 Completion
- 53 mgd
- Central Area AWPf to San Vicente or Lake Murray
- South Bay AWPf to Lower Otay Reservoir (if needed)



# Who Supports Pure Water?



# What Can I Do?



[www.PureWaterSD.org](http://www.PureWaterSD.org)



Pure Water San Diego



PureWaterSD



@PureWaterSD

Join our **mailing list** and sign a **support card**