



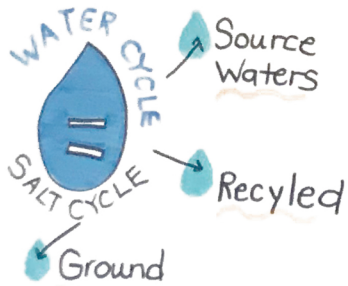
Graphic Recording
by LiquidSketch Studio

ONE water

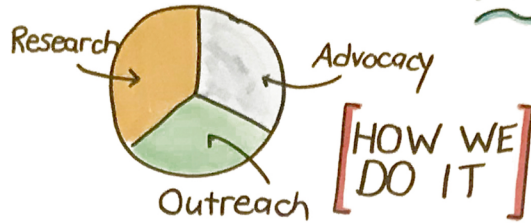
resources are limited urban/rural think future

- All WATERS
- human nature
- resilient structures

\$354 million damage to LOWER BASIN salinity urban/ag run off



founded SCSC 2002



1/3 of CA low income = Affordability

PFAS - challenges



50% import 50% local

Saltless softeners

brine management



optimism



PEOPLE

public support

talent cluster



stakeholder engagement

I'M IN!

water for ALL

SCSC Southern California Salinity Coalition

local
supplies
reduce
salinity



**HIGH RECOVERY
FLOW REVERSAL**
for Potable Reuse

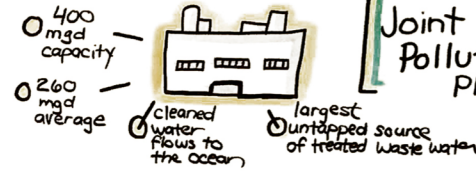
POTABLE REUSE with [180 MGD secondary effluent]
with [25 MGD secondary effluent]

**WATER QUALITY
of CONCENTRATES**
for DIRECT OCEAN DISCHARGE



by the numbers
5.6 million people
78 cities
1400 miles of sewer
11 wastewater

Conventional RO
is of lower recovery
process



**Joint Water
Pollution Control
Plant**

NEW SOURCES
desalinization
treat reclaimed

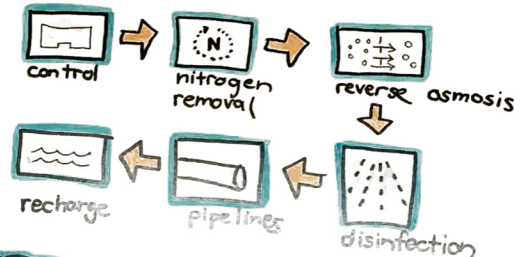
1991	5%
2021	39%
2045	3

more
**local
SOURCES**

**Flow reversal
RO**

Phase 1: 92%

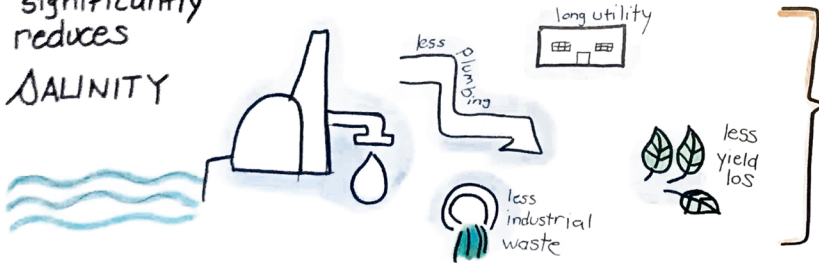
- possible to retrofit add valves
- take concentrate from existing plant and add 4th stage



Up to 3 rounds of toxicity testing

RO
significantly
reduces
SALINITY

\$70 m
by 2040



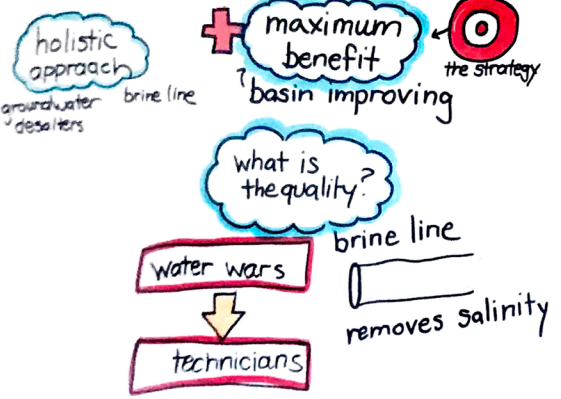
economic
benefits

SCSC Southern California Salinity Coalition

What are your CHALLENGES



Sound regulatory responses



RESEARCH

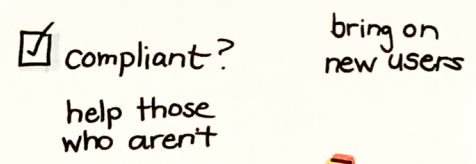


ISSUES

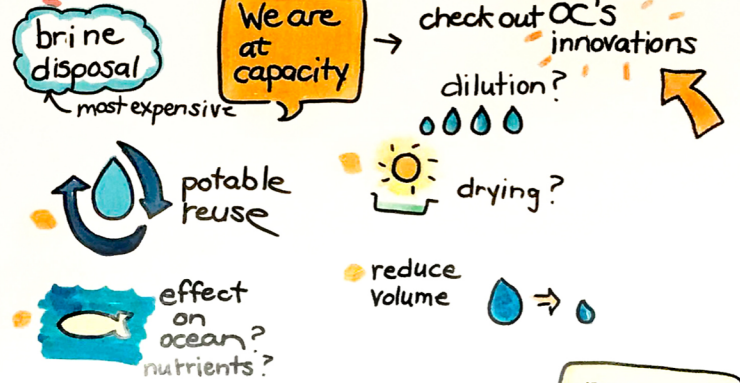


MISSION refocus

new SALT and NUTRIENT regulations



top PRIORITIES



Ways to spread costs?



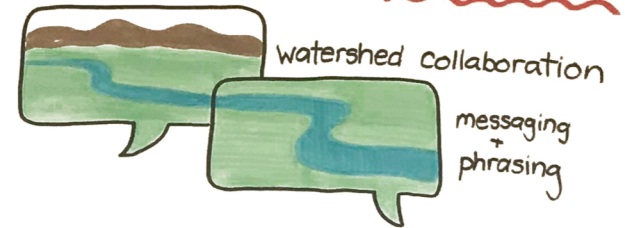
SCSC Southern California Salinity Coalition

What's Next

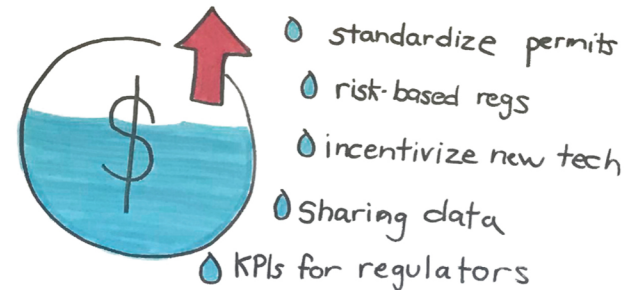


HIGHLIGHT:

COST vs **COST**
 and BENEFITS of MANAGEMENT vs and CONSEQUENCE of INACTION



REGULATIONS DRIVE COST



SCSC Southern Calif
 California
 Salinity
 Coalition