

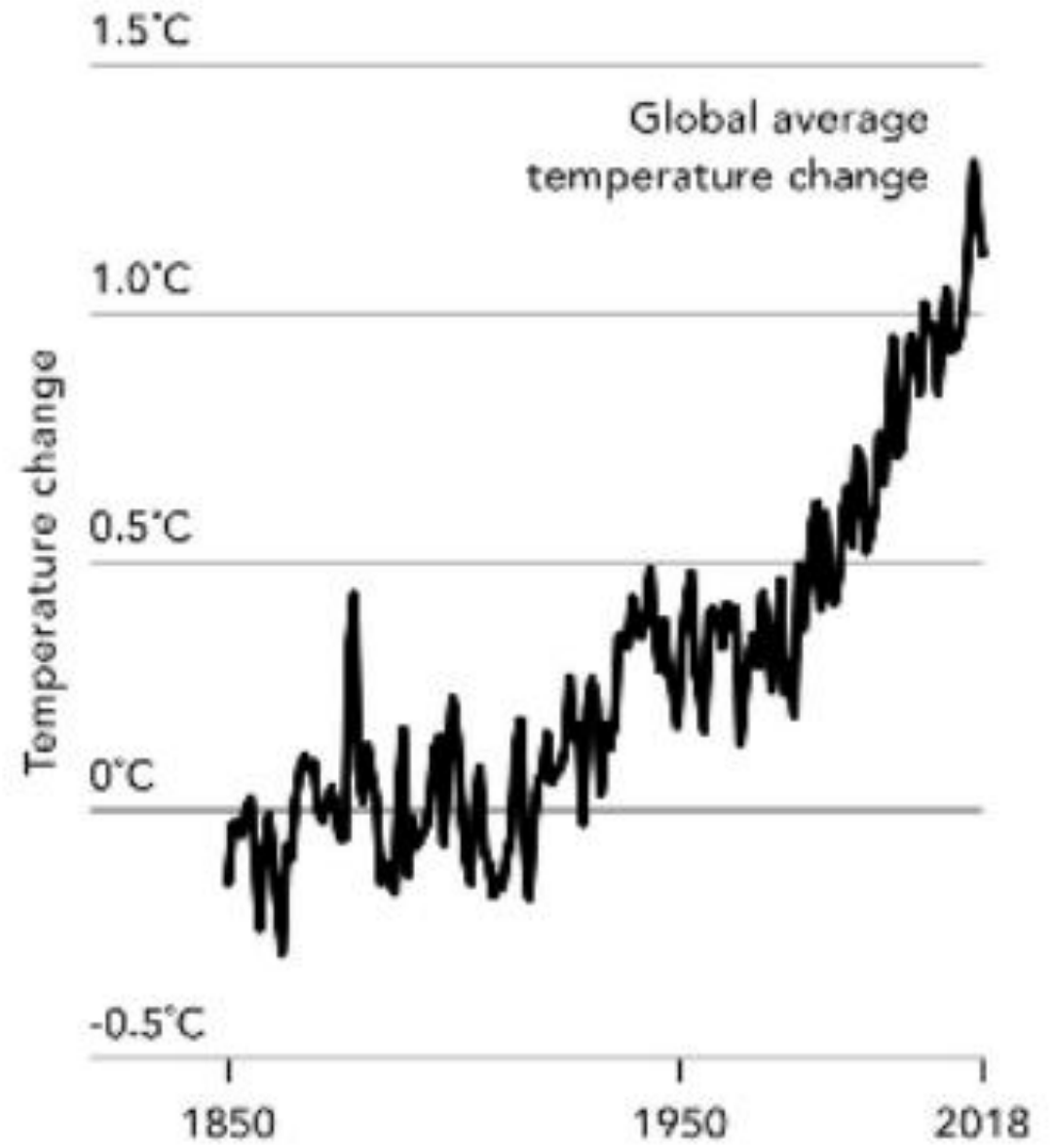
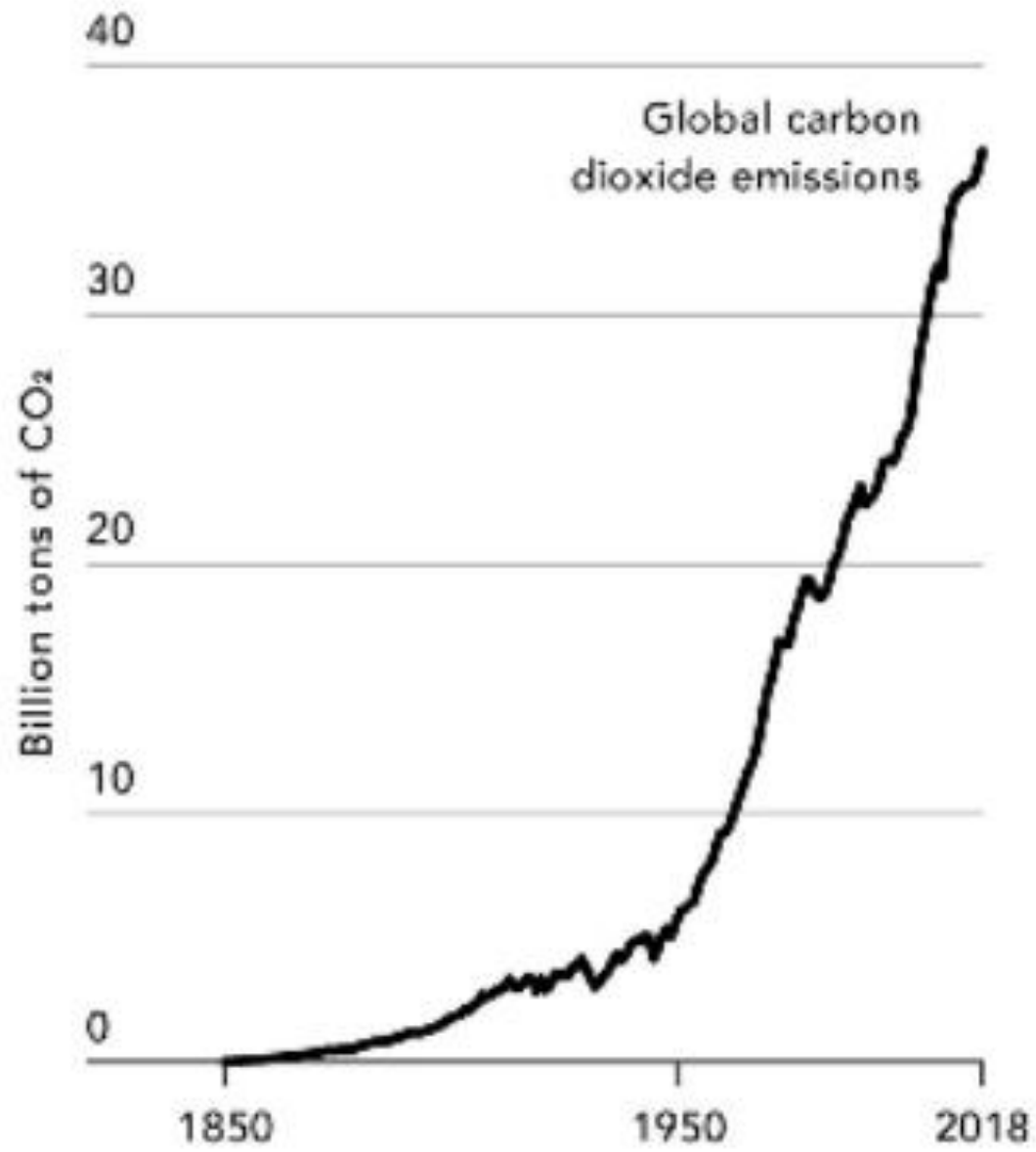


WHAT WOULD AN OASIS IN SAN JOSÉ LOOK LIKE?

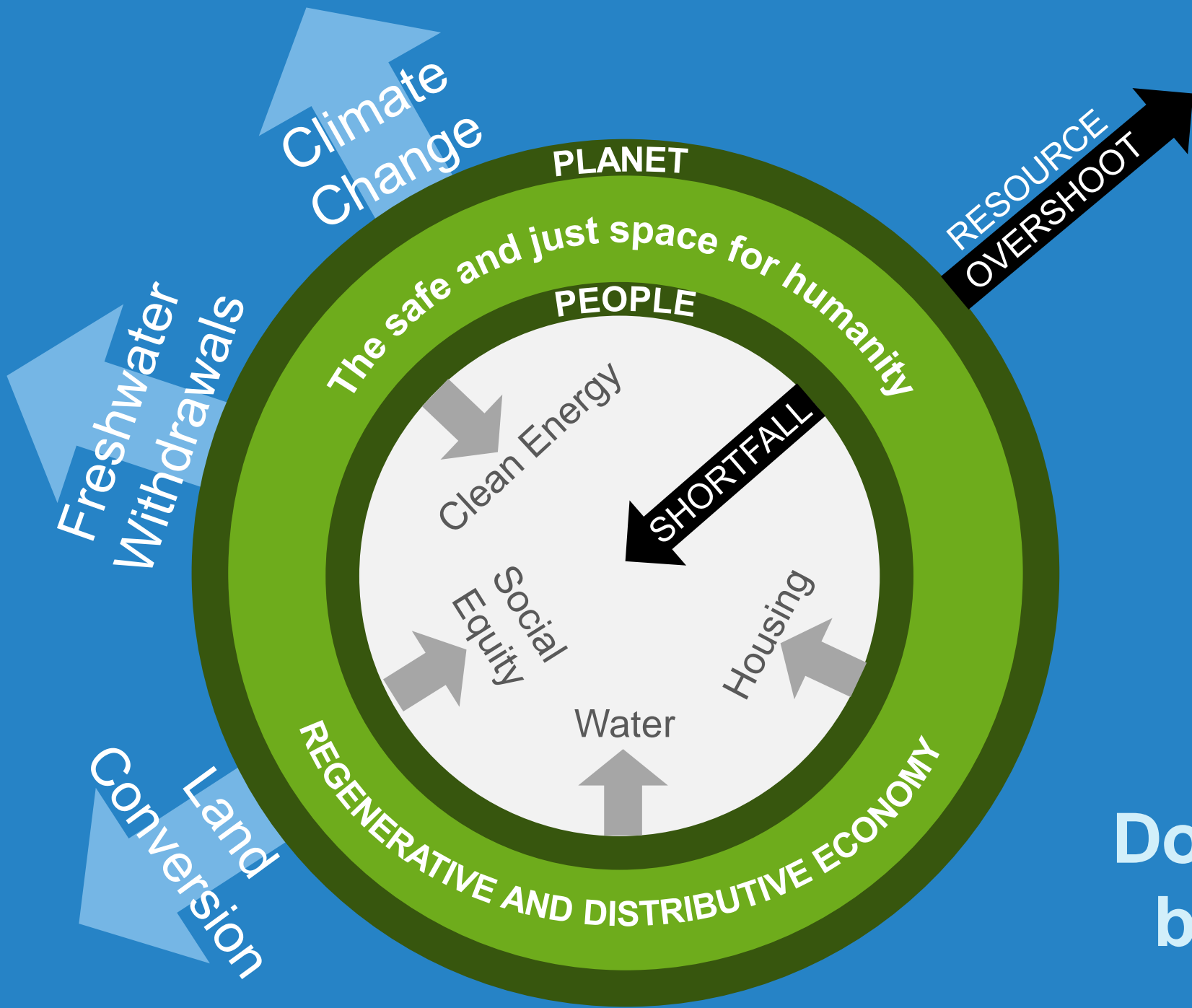
WATER RESILIENCE



Presented by: Deputy City Manager Kip Harkness

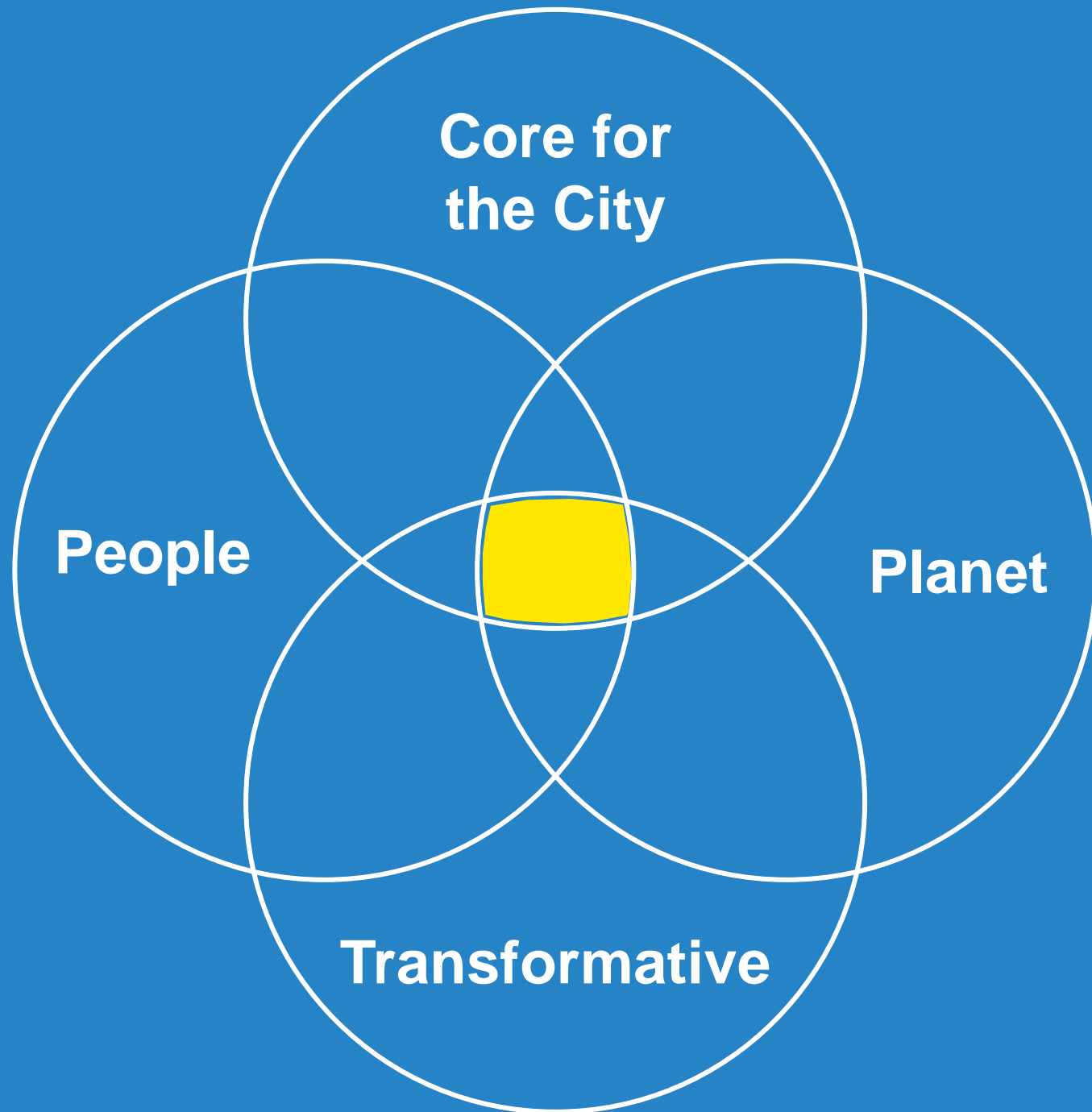


Gates, Bill. (2021). *How to Avoid a Climate Disaster: The Solutions We Have and the Breakthroughs We Need*.



Donut Economics by Kate Raworth

WHAT
is our
focus?



Sustainable & Resilient City Infrastructure and Emergency Preparedness

FY 2022-2023

Objectives

Disaster Ready & Climate Smart



Infrastructure Resilience



Clean Energy Resilience



Water Resilience



Natural Environment Restoration



Workstreams & Drivers

Prepare the City for the Next Disaster

Jay McAmis

Complete Funded Projects (Measure T)

Katherine Brown

Deploy Micro Grids for Resilience

Walter Lin

Rebuild Regional Wastewater Facility

Mariana Chavez

Restore the Urban Tree Canopy

Rick Scott

Seismically Safe “Soft Story” Apartments

Lisa Joiner

Address Infrastructure Backlog + O&M

Mathew Nguyen

Downtown Large Project Electrification

Jim Caldwell

Create New Water Supply Opportunities

Jeff Provenzano

Protect Coyote Valley Open Space

Michael Brilliot

Climate Smart Decarbonization & Mitigation

Julie Benabente

Seek New State/Federal Funding & Policy

Zane Barnes

City Wide Building Electrification

Julie Benabente

Sustainable Sewers - Sanitary & Storm

Mathew Nguyen

Understand Sea-Level Rise

Mathew Nguyen

Ensure Cybersecurity

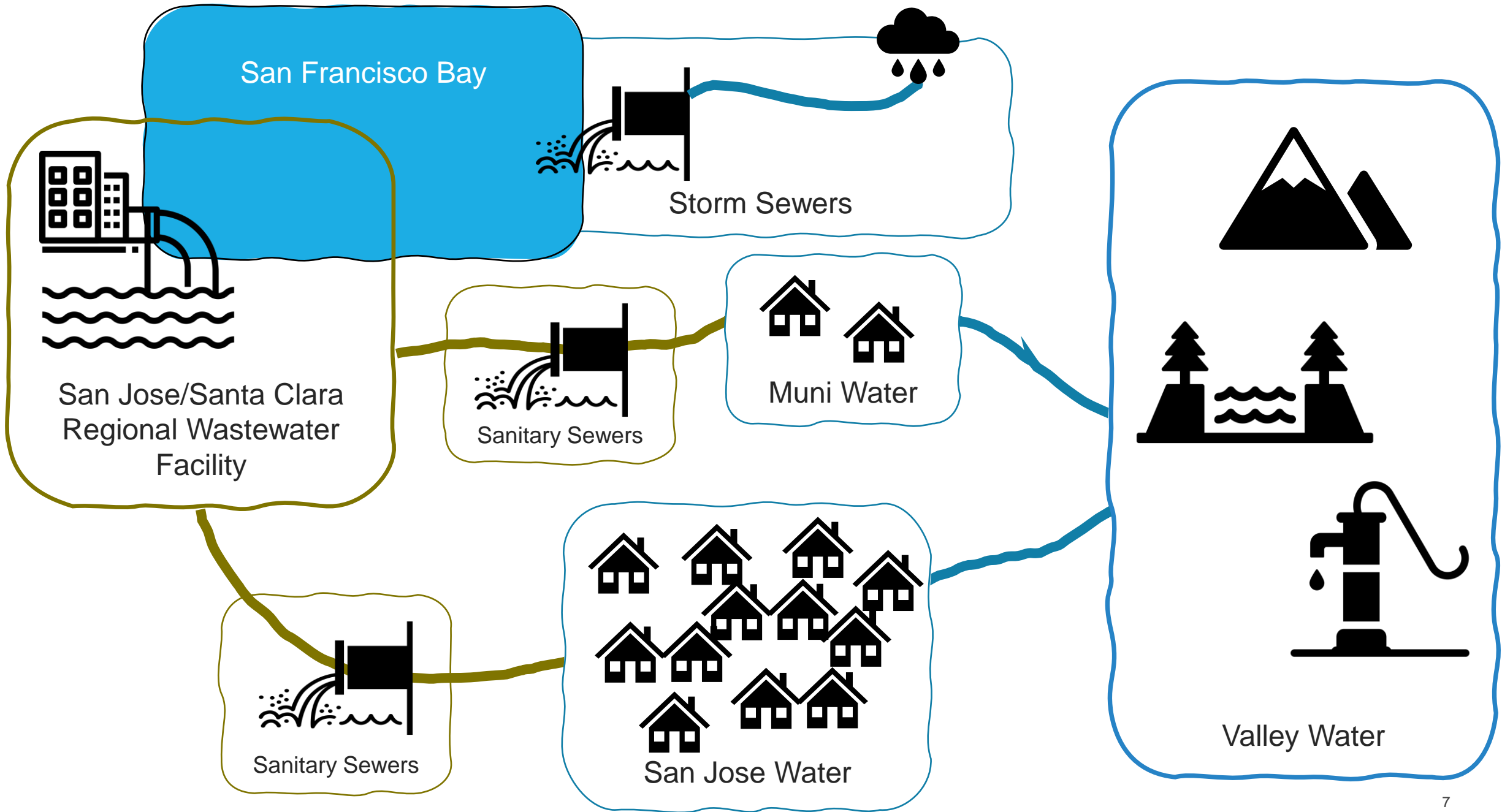
Marcelo Peredo

Electric Vehicle Charging

Zach Struyk

Green Infrastructure (Stormwater)

Mathew Nguyen

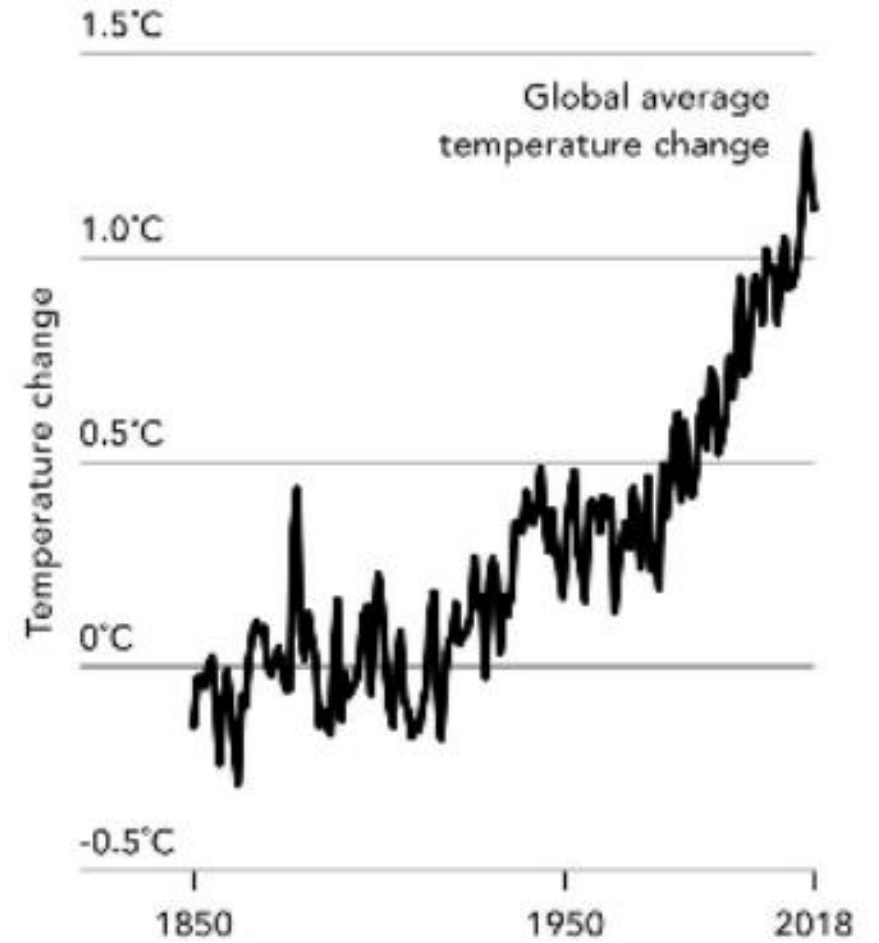
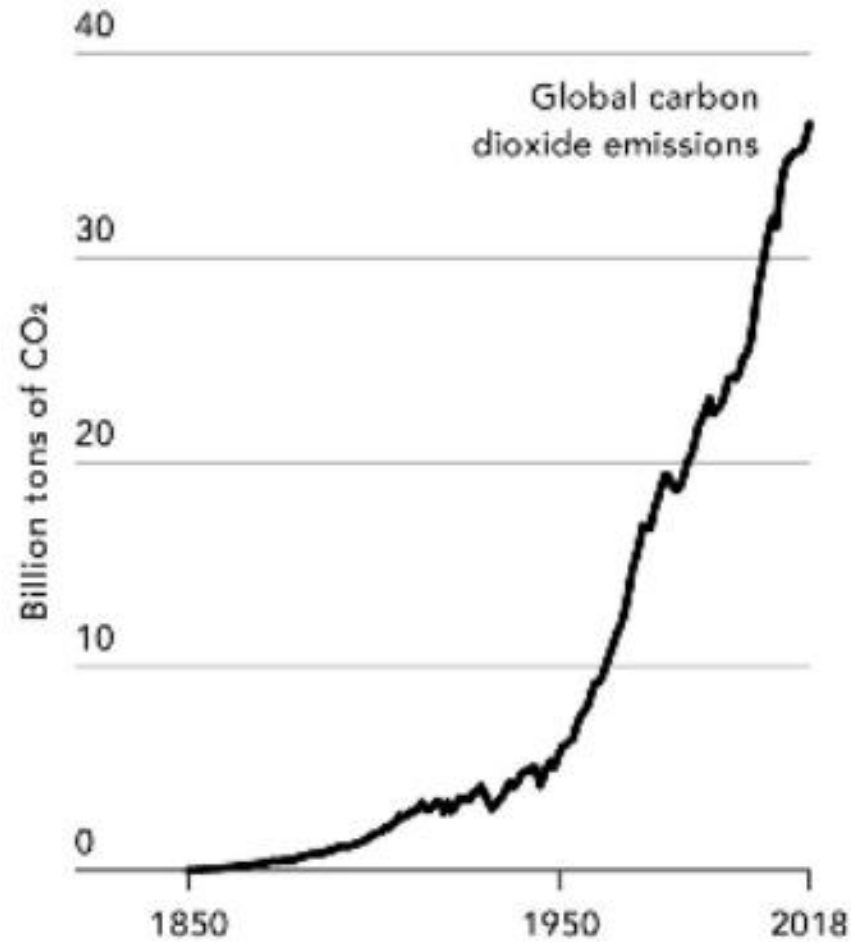


California is going to get

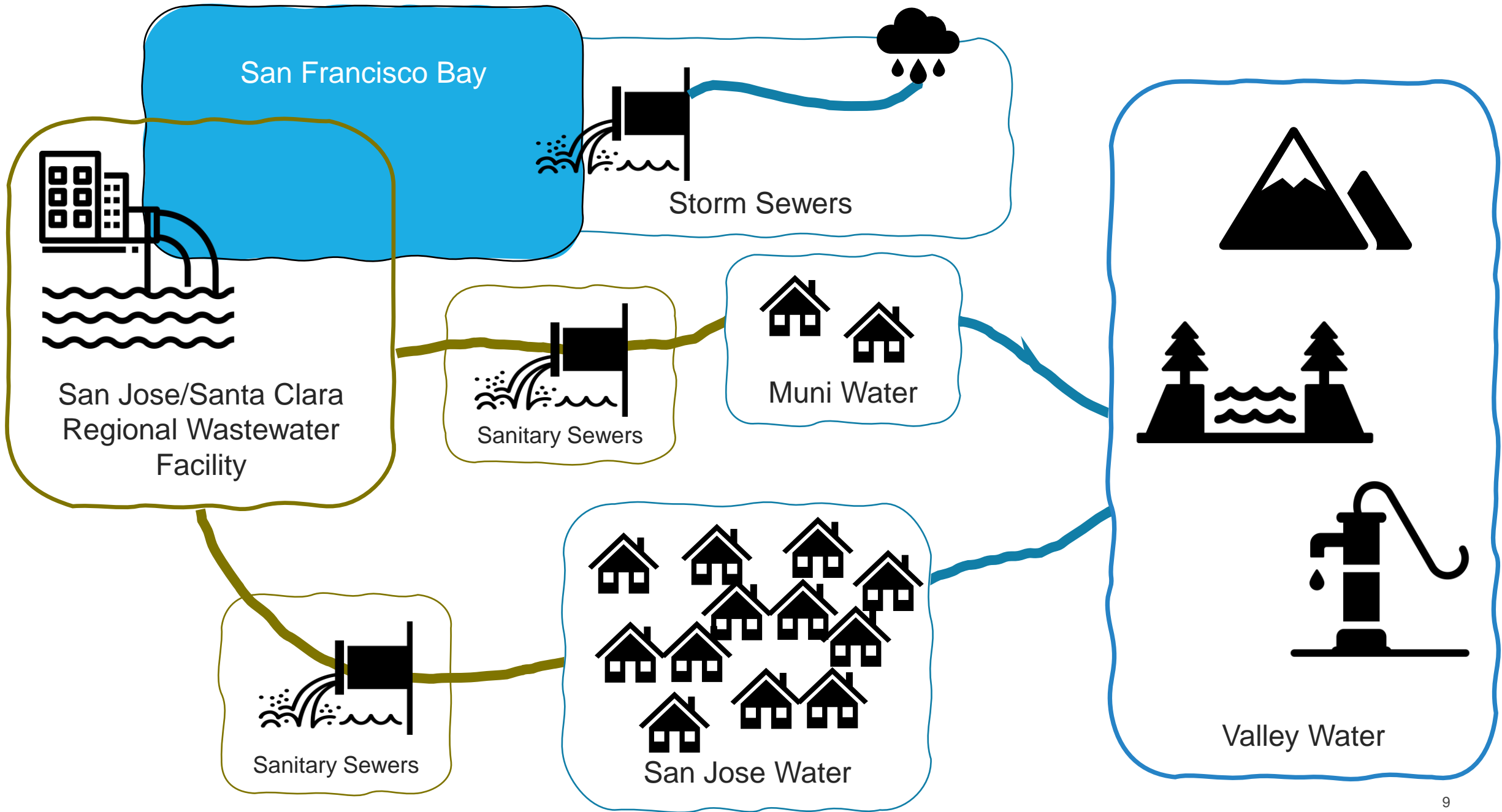
warmer

and

drier



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What happens if we don't take action?



- **Water becomes less affordable**
- **We can't build housing**
- **We can't expand industry and jobs**
- **Our green urban environment goes away**

**How might we make Silicon Valley
into an...**

Oasis

5. Brackish Water
Desalination



1. Conservation
as a way of life



2. Elimination of
leaks and
evaporation



3. Expansion
of Purple Pipe



4. Purified water
for drinking



We need to
make **WATER** a
CIRCLE

