

State Water Board Priorities

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Overview

- Ocean acidification, harmful algal blooms and nutrients
- Water Supply Strategy
- PFAS
- Funding

Ocean Acidification, Harmful Algal Blooms & Nutrients

- West Coast Ocean Acidification and Hypoxia Science Panel
[926_WestCoastOAHSciencePanel.pdf \(sccwrp.org\)](#)
 - Global carbon emissions are the dominant cause of ocean acidification
 - Local conditions can be improved through reduction of human sources of nutrients
 - Recommended development of robust predictive models of ocean acidification and hypoxia

Preliminary Model Findings

- Human sources of nutrients do cause measurable changes in ocean chemistry that...
- Reduce the volume of ocean habitat by up to 30% over 25% of the Southern California Bight during 3 months of the year

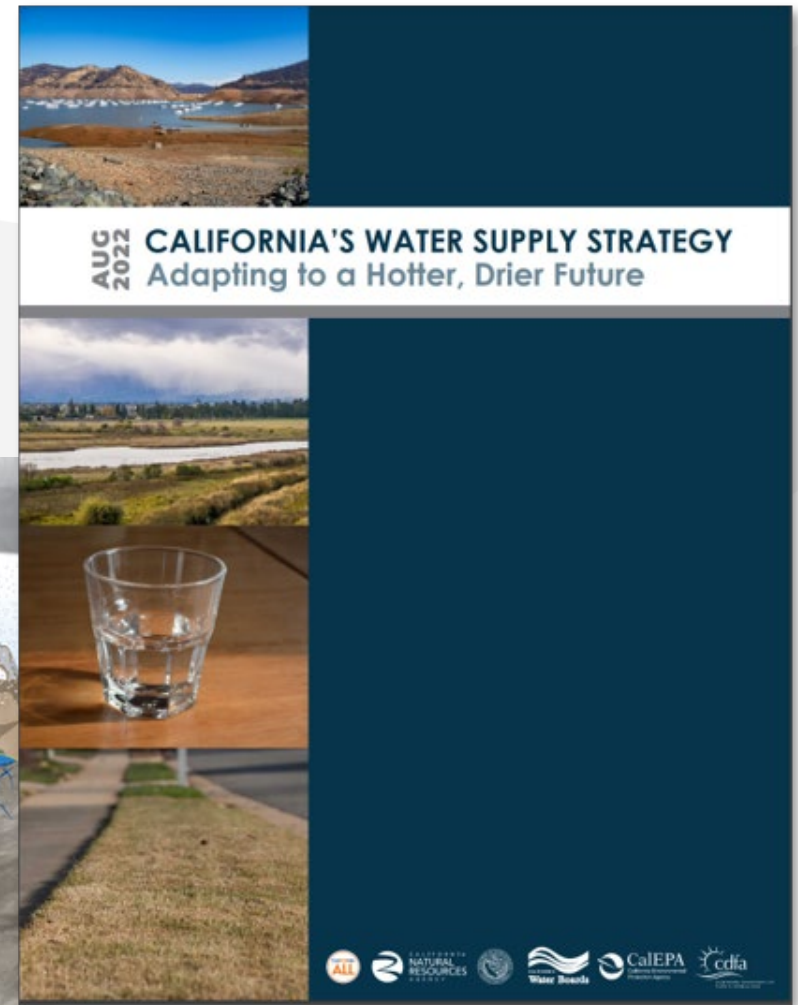
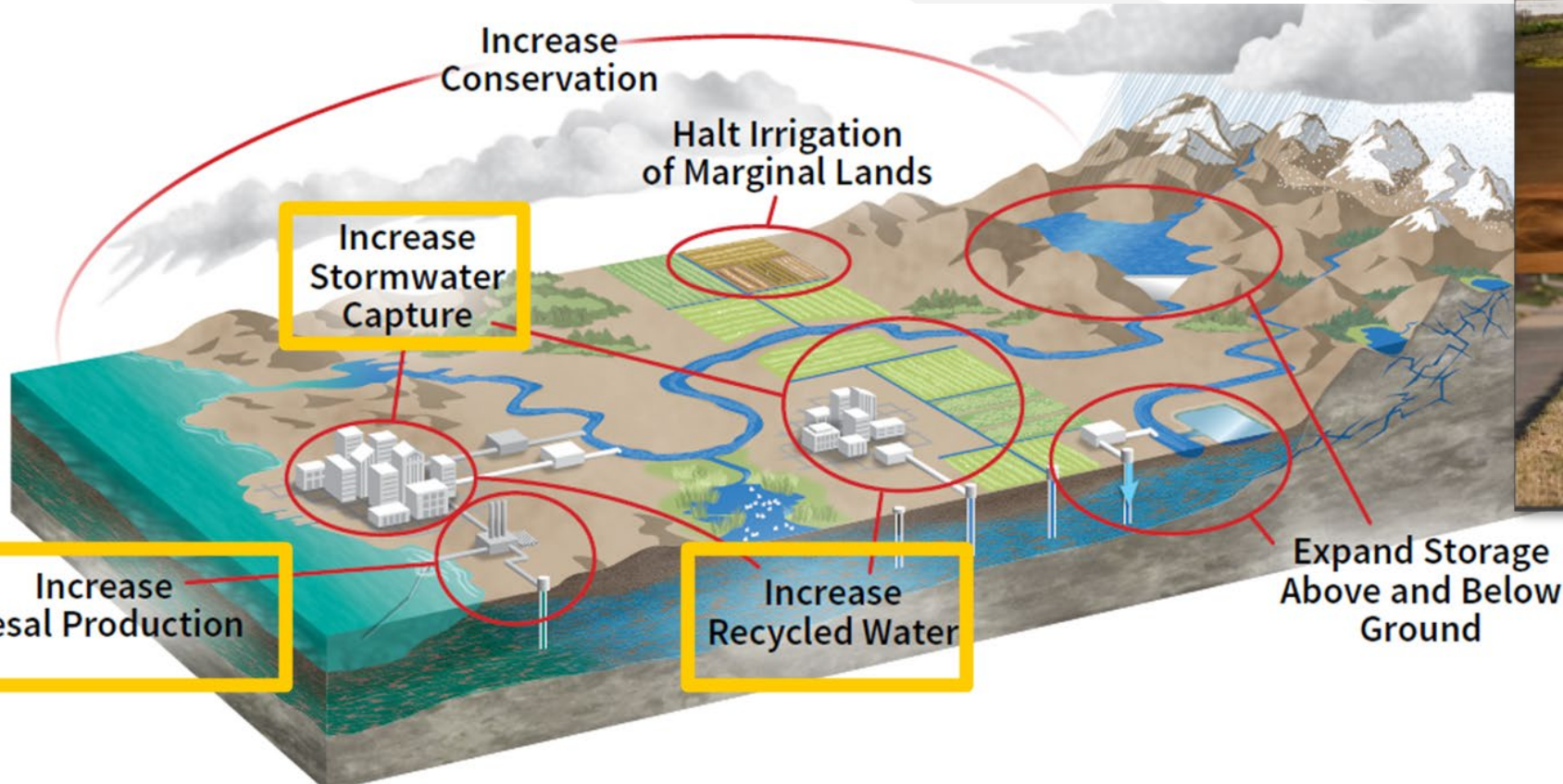
HABs in California

	370	2017	2018	2019	2020	2021	2022
Reports	91	181	190	241	370	603	684

- Oregon to Mexico
- High elevation to the coast
- Urban and rural areas
- Drinking water reservoirs and natural lakes
- Rivers
- Cyanotoxins in estuaries
- Occur every month, peak in summer



California's Water Supply Strategy



Water Supply Strategy Goals

Develop New Water Supplies	2030	2040
Increase Recycled Water	800,000 AF	1,800,000 AF
Increase Desal Production	28,000 AF	84,000 AF
Increase Stormwater Capture	250,000 AF	500,000 AF

Water Board Actions – Recycled Water

2022-2024 Implementation Actions

December
2023

**Direct Potable
Reuse
Regulations**

DDW

January
2024

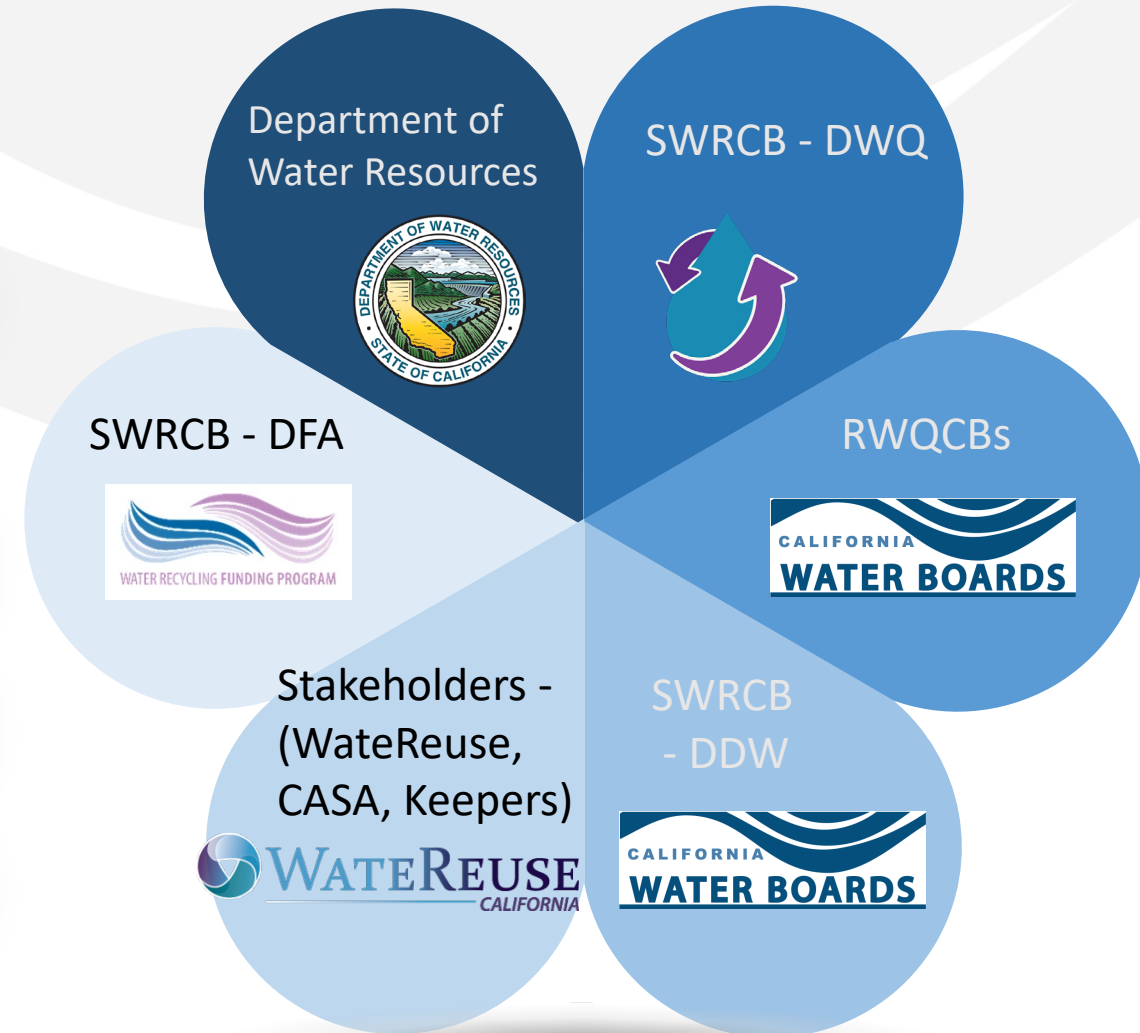
**Convene strike team to
identify and resolve
permitting and funding
barriers.**

DWQ

DFA

**Identification of Recycled
Water Projects,
Public Dashboard**

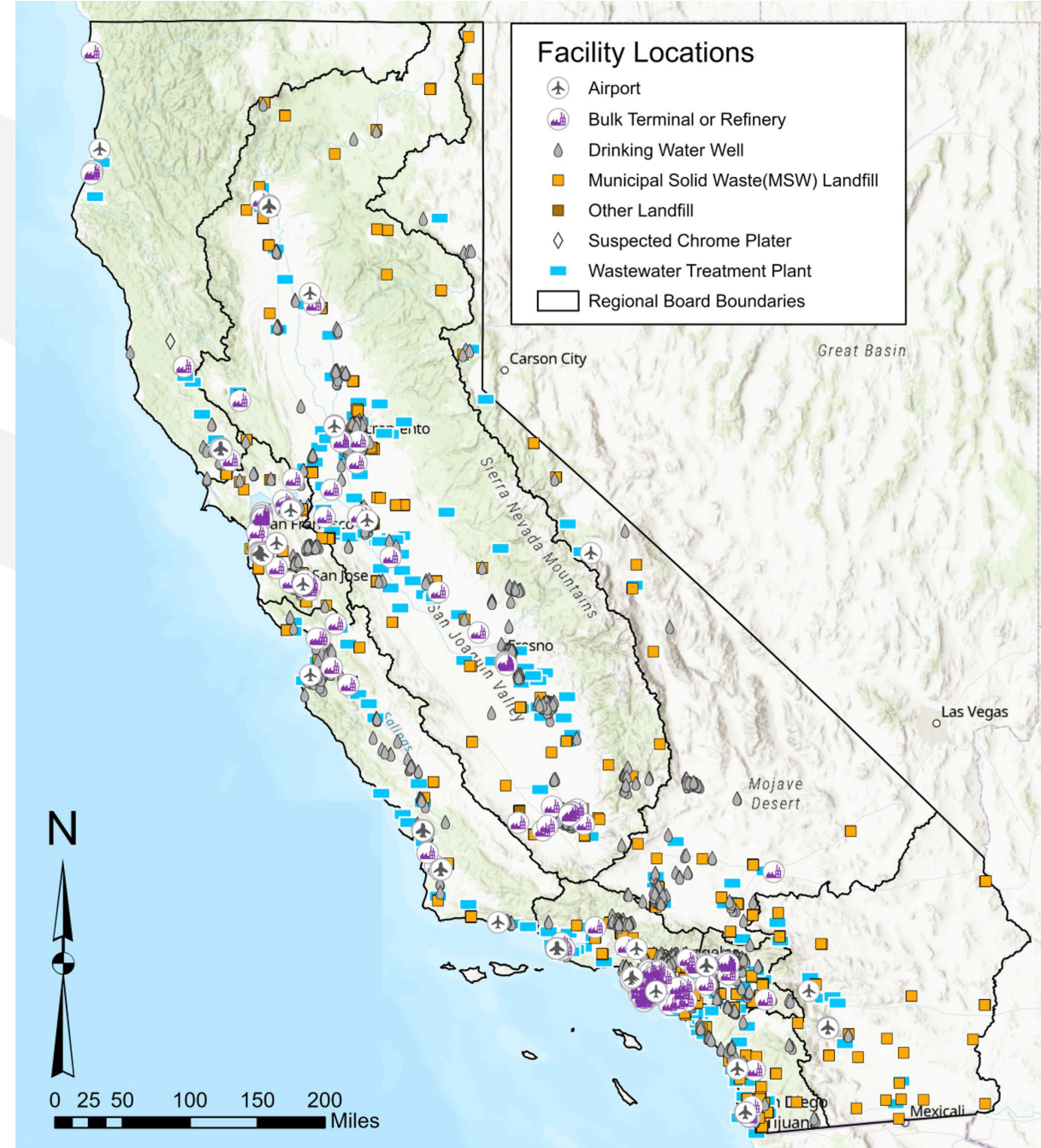
OIMA



Water Board Statewide PFAS Investigative Orders

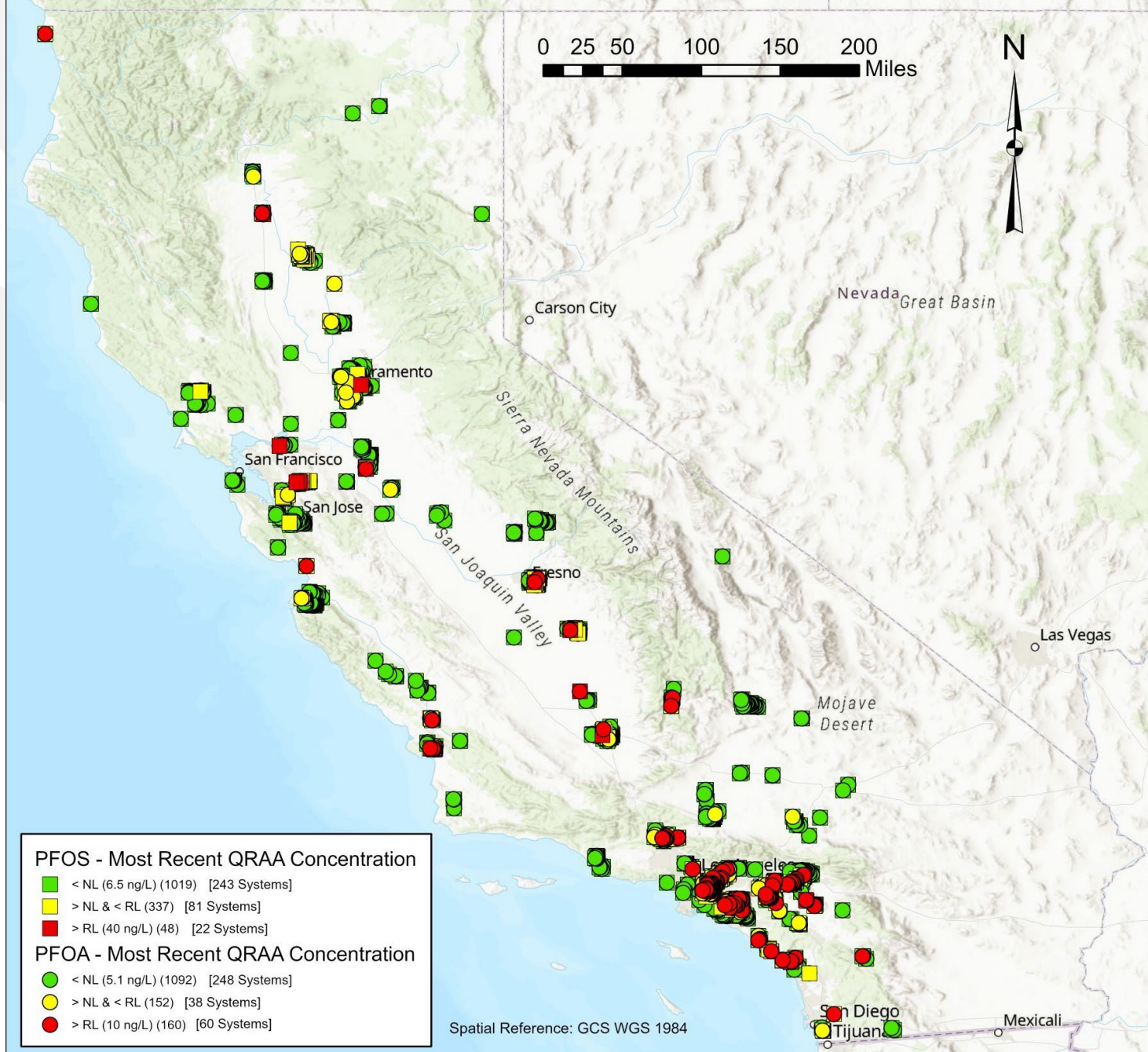


Occurrence of PFAS is Being Gathered Statewide



2021 PFOA/PFOS - Drinking Water Supply Wells

Data downloaded in February 2022 – raw water results
 NL = Notification Level; QRAA = Quarterly Running Annual Average
 RL = Response Level
 PFOA and PFOS analyzed using EPA Method 537.1
 PFOA: = NL = 5.1 ng/L, RL = 10 ng/L | PFOS: NL = 6.5 ng/L, RL = 40 ng/L



AB-178 (Budget Act of 2022)

1. Develop and validate a **broad-spectrum test method** for the class of PFAS
2. Monitor all community public water systems in the state at least once, with state funding directed to accomplish **PFAS testing** of community public water systems serving disadvantaged and severally disadvantaged communities*
3. Develop a **treatment-based regulation** for the entire class of PFAS

*Approximately 4,000 wells in California

Funding

- Clean Water State Revolving Fund Intended Use Plan (IUP)
- Grants/Principal Forgiveness
- Fundable List
- Schedule
 - May 19, 2023 - Draft IUP Posted for 30-day Public Comment Period
 - June 20, 2023 – Public Outreach Board Workshop
 - June 23, 2023 – Deadline to Submit Comments
 - July 18, 2023 – Board Meeting to Consider Adoption of the IUP

Thank you!