TODAY

- Quick review: 2016 Overhaul vs. 2022 Update
- Guiding Principles
- Preliminary Changes to Existing Actions
- New Actions/Topics Brainstorm
- Road Map
- Next Steps
2016 ESTUARY BLUEPRINT

- Major overhaul of CCMP
- From 200+ Actions → 32 Actions
- Aspirational
- Based on a 35-year vision (2050)
2022 ESTUARY BLUEPRINT UPDATE

RESILIENCE → LIVING RESOURCES → WATER → STEWARDSHIP

GOALS → OBJECTIVES → ACTIONS → TASKS
GUIDING PRINCIPLES FOR 2022 UPDATE

- Remain aspirational yet feasible
- Expand and deepen multi-sectoral engagement
- Integrate further geographically, topically, and across plans
- Focus on equity
- Improve clarity and responsibility
2016 ACTIONS: PRELIMINARY CHANGES
**EXISTING ACTIONS DISCUSSION BOARD**

### Existing Actions

1. Watershed-based approach to aquatic resource protection
2. Wetland and stream monitoring
3. Tidal marsh
4. Transition zones
5. Intertidal and subtidal habitats
6. Managed wetlands and ponds
7. Riparian and instream habitats
8. Seasonal wetlands and vernal pools
9. Invasive species
10. Terrestrial predators
11. Carbon sequestration
12. Multi-benefit flood management
13. Sediment management/reuse
15. Local shoreline resilience planning
16. Natural resource protection in hazard planning
17. Improved regulatory processes
18. Freshwater flows
19. Long-term drought planning
20. Agricultural water use efficiency
21. Residential water use efficiency (landscaping)
22. Recycled water
23. Plan Bay Area and RTP/SCS
24. Stormwater and green infrastructure
25. CECS
26. Raw sewage discharges
27. Select TMDLs
28. Nutrients
29. Ocean acidification
30. Trash
31. Public access and recreation
32. Champion and implement the CCMP

### Keep Action/Update Tasks

- Action 3: Tidal marsh restoration
- Action 4: Transition zones
- Action 5: Intertidal and subtidal habitats
- Action 6: Managed wetlands and ponds
- Action 7: Invasive species
- Action 12: Multi-benefit flood management
- Action 13: Nature-based shoreline adaptation strategies
- Action 14: Local shoreline resilience planning
- Action 15: Improved regulatory processes
- Action 24: Stormwater and green infrastructure
- Action 25: CECS
- Action 28: Nutrients
- Action 30: Trash
- Action 31: Public access and recreation
- Action 32: Champion and implement the CCMP

### Revise Action

- Action 2: Regional wetland and stream monitoring programs
- Action 7: Riparian and instream habitats
- Action 8: Seasonal wetlands and vernal pools
- Action 13: Sediment management/reuse
- Action 18: Freshwater flows
- Action 26: Raw sewage discharges
- Action 27: Select TMDLs

### More Discussion Needed

- Action 1: Watershed-based approach to aquatic resource protection
- Action 10: Terrestrial predators
- Action 11: Carbon sequestration
- Action 16: Natural resource protection in hazard planning
- Action 19: Long-term drought planning
- Action 20: Agricultural water use efficiency
- Action 21: Residential water use efficiency (landscaping)
- Action 22: Recycled water
- Action 29: Ocean Acidification
## Changes to Existing Actions

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
<th>Recommendation</th>
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<tbody>
<tr>
<td>1</td>
<td>Watershed-based approach</td>
<td>Elevate this action to objective level</td>
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<tr>
<td>10</td>
<td>Terrestrial predator management</td>
<td>Either elevate to an objective or make a task under multiple actions</td>
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<tr>
<td>16</td>
<td>Hazard planning</td>
<td>Needs more discussion before making a recommendation</td>
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<tr>
<td>19</td>
<td>Long-term drought plans</td>
<td>Needs more discussion before making a recommendation</td>
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<tr>
<td>20</td>
<td>Agricultural water use</td>
<td>Remove and make this a task under Action 18</td>
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<tr>
<td>21</td>
<td>Landscaping water use</td>
<td>Remove and make this a task under Action 18</td>
</tr>
<tr>
<td>29</td>
<td>Ocean acidification</td>
<td>Remove and make this a task under other Actions</td>
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NEW ACTIONS/TOPICS
BRAINSTORM
NEW ACTIONS BRAINSTORM

ESTUARY BLUEPRINT EXISTING ACTIONS

1 Watershed-based approach to aquatic resource protection
2 WRMP (and streams)
3 Tidal marsh
4 Transition zones
5 Intertidal and subtidal habitats
6 Managed wetlands and ponds
7 Riparian and instream habitats
8 Seasonal wetlands and vernal pools
9 Invasive species
10 Terrestrial predators
11 Carbon sequestration
12 Multi-Benefit flood management
13 Sediment Management/Beneficial reuse
14 Nature-based shoreline adapation strategies
15 Local Shoreline resilience planning
16 Natural resource protection in hazard planning
17 Improved regulatory processes
18 Freshwater flows
19 Long-term drought planning
20 Agricultural water use efficiency
21 Residential water use efficiency (landscaping)
22 Recycled water
23 Plan Bay Area and RTP/SCS
24 Stormwater and green infrastructure
25 CECs
26 Raw sewage discharges
27 Select TMDLs
28 Nutrients
29 Ocean acidification
30 Trash
31 Public access and recreation
32 Champion and implement the CCMP

NEW ACTIONS BRAINSTORM

One Water Concept: includes recycled water, onsite water capture and reuse, DPR/IPR

More on microplastics

Wildfires

Natural capital - ecosystem benefits as a service/quantified

Homelessness / People Experiencing Homelessness

Equity

(Alignment of equity efforts at SFEP/MTC)

Public health

Human dimensions/Social science/Interdisciplinary engagement in our work

Community outreach and participation in planning processes

TEK and community-based knowledge as a means of data capture

Support the health of socio-ecological systems - thinking about public and community health

Public health

Climate change - more comprehensive

Adaptation/Resilience - as overarching issue for CCMP

Regional approach/authority for SLR planning

State level - funding

Public health

Managed retreat/planning (OLUs), planning w/ transportation

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Mosquito/vector integration with recreational values

Mosquito/vector integration with recreational values

This came from discussion with WRMP: mosquito/vector stakeholders collect data and need to be consulted when restoration projects proceed

Migratory corridors: highway crossings, connectivity in cities

Second this!
<table>
<thead>
<tr>
<th>Project</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
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<tbody>
<tr>
<td>Establish Steering Committee</td>
<td>Apr/May/Jun</td>
<td>Jul/Aug/Sep</td>
<td>Oct/Nov/Dec</td>
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<tr>
<td>Review 2016 Blueprint</td>
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<tr>
<td>Establish Working Groups</td>
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<td>Review/Update Actions</td>
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<td>Revise Tasks</td>
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<td>Evaluate Implementation Tracker</td>
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<td>Draft Blueprint</td>
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<td>Production</td>
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**ROADMAP**

TODAY
NEXT STEPS

● Continue Discussion of Existing Actions
● Develop a Public Engagement Strategy
● Develop an Equity Strategy
● Establish Working Groups
THANK YOU!