

# **PROPOSED STRATEGIC PLAN TO REDUCE WASTE**



**BOARD OF SUPERVISORS  
APRIL 26, 2017  
AGENDA ITEM #2**

# PROPOSED STRATEGIC PLAN

## Board Direction

- Unincorporated Area
- Internal Operations
- Procurement of goods and services



# WASTE REDUCTION BACKGROUND

- Compliance with new State regulations
- Conserve natural resources
- Reduce the need for new landfills
- Reduce greenhouse gas emissions
- Alignment with County Initiatives
  - Climate Action Plan
  - Strategic Energy Plan
  - Live Well San Diego Food System Initiative

# STATE MANDATES & GOALS

## Current Requirements

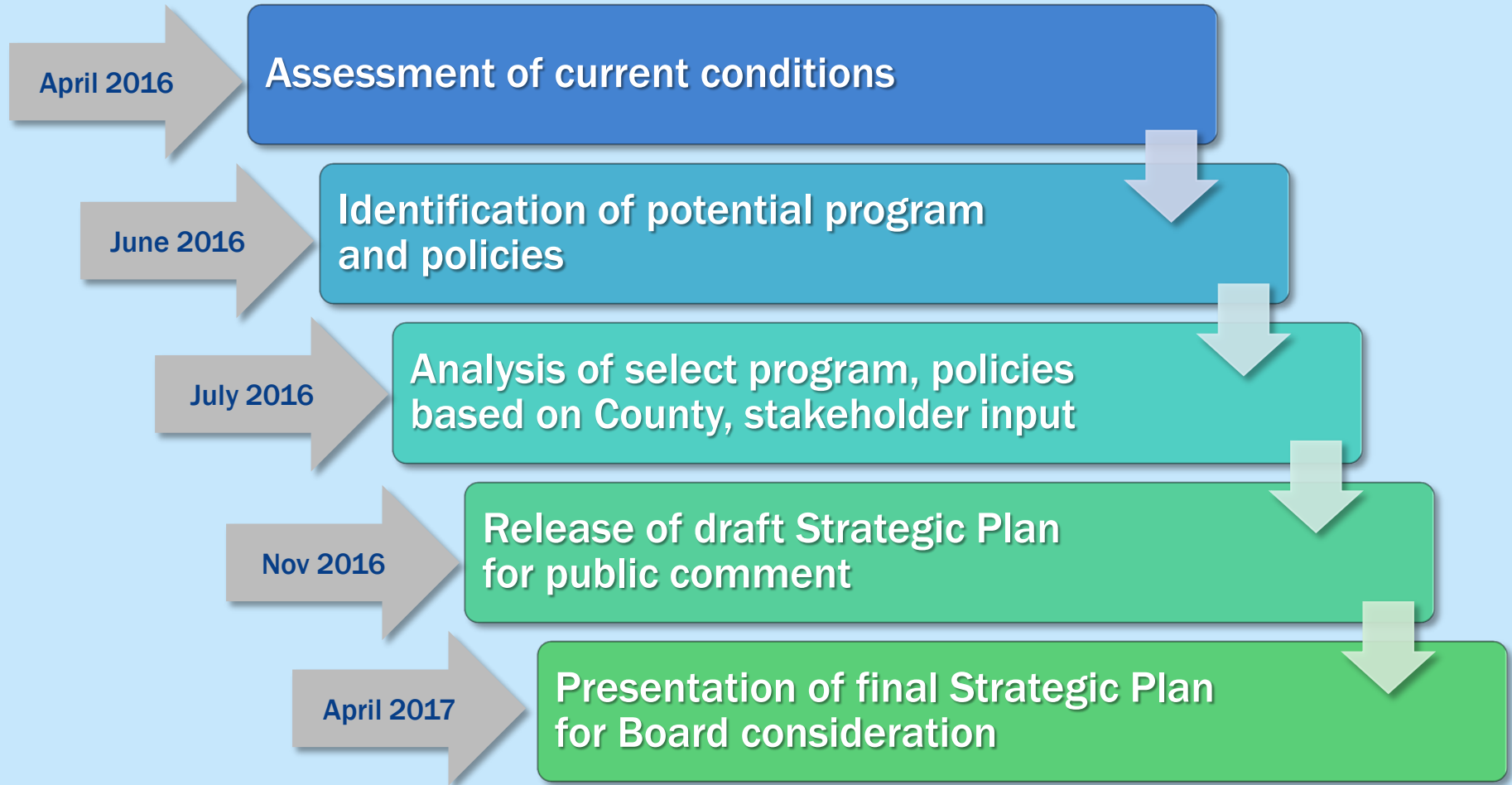
- 50% diversion & comprehensive program
- Household Hazardous Waste (HHW)
- Commercial Recycling
- 65% Construction and Demolition (C&D)
- Reducing Organic Materials

## Goals

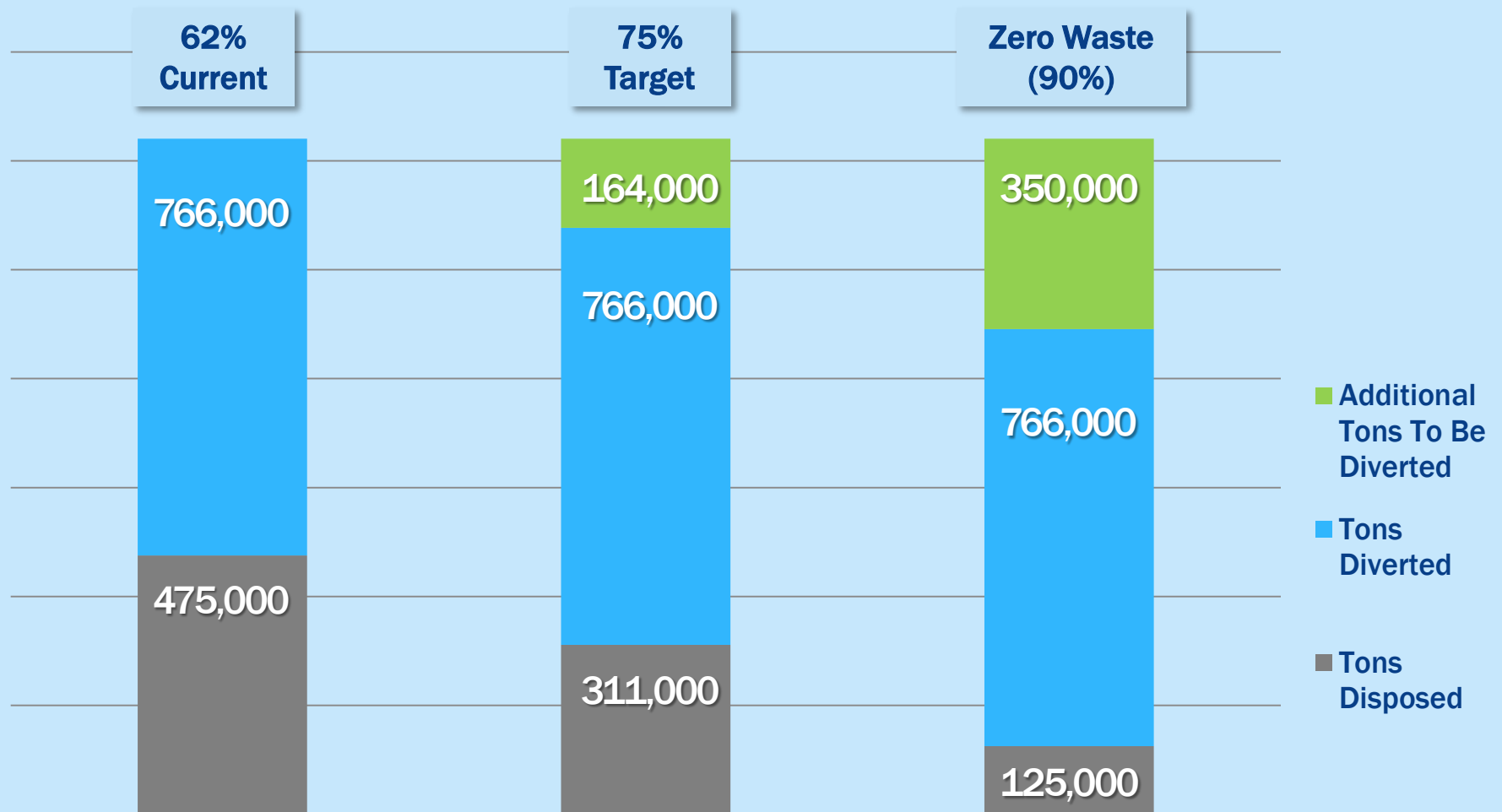
- 75% diversion by 2020 statewide
- Organic Materials Diversion
  - 50% by 2020 | 75% by 2025
  - 20% reduction in edible food disposal by 2025



# STRATEGIC PLANNING PROCESS



# UNINCORPORATED AREA DIVERSION TARGETS





# UNINCORPORATED AREA LANDFILL WASTE COMPOSITION

**What Still Needs  
to be Diverted?**

**Construction  
& Demolition  
34%**



# WHAT WOULD IT TAKE TO GET TO 75% DIVERSION?

## Policies

- Franchise C&D haulers
- Lower C&D recycling ordinance threshold
- Amend zoning ordinance for organics



## Programs

- Set diversion goals
- Support food waste prevention
- Standardize commercial and residential services
- Expanded technical assistance
- Expanded HHW services

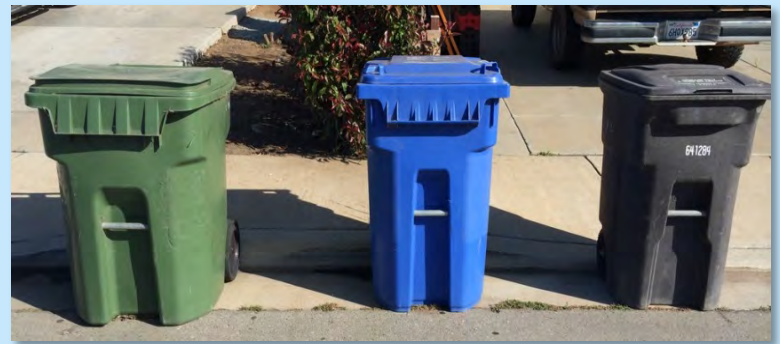




# 75% DIVERSION

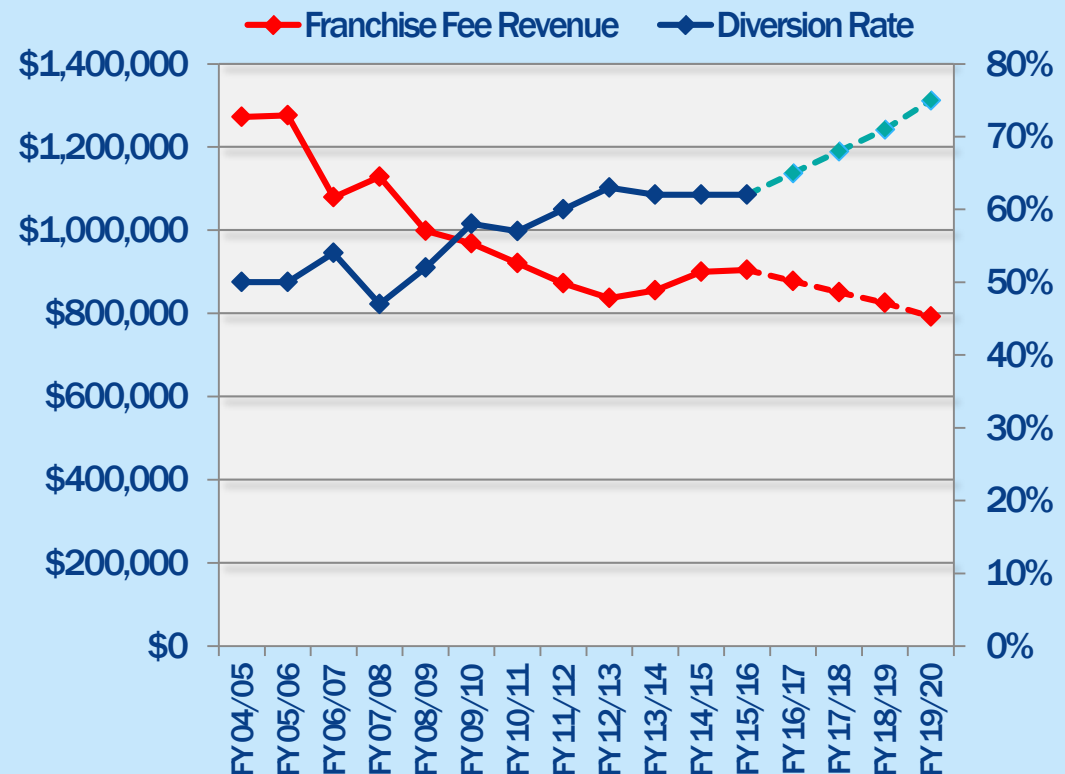
## BENEFITS TO CUSTOMERS

- Improve and simplify recycling services
- Increase organics collection
- Increase C&D recycling
- Increase access to HHW services
- Additional locations to recycle
- More recycling events
- Bulky item collection
- Less need for new landfills



# UNINCORPORATED AREA CURRENT FRANCHISE FEE

- **\$2.35 per ton** assessed on solid waste disposed
- Shared by DPW Recycling & DEH HHW
- Not adjusted for 20 years
- No longer provides full cost recovery for state-mandated programs



**AS DIVERSION INCREASES, REVENUE DECREASES**

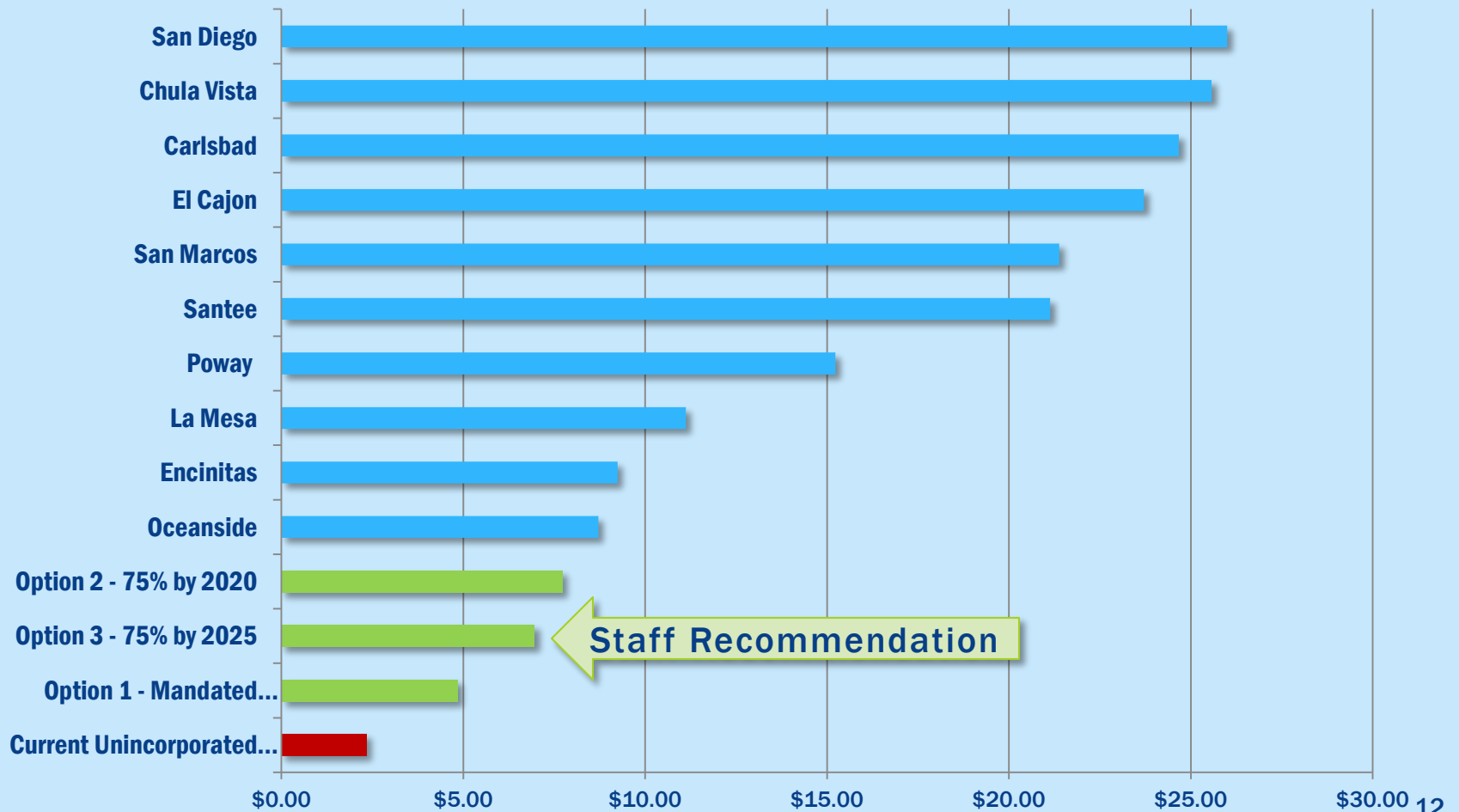
# UNINCORPORATED AREA SUSTAINABLE FUNDING

Options	Franchise Fee/ Ton	Franchise Fee Staffing	C&D Staffing*
<b>Option 1</b> State Mandated Programs	\$4.85	1	N/A
<b>Option 2</b> 75% Diversion by 2020	\$7.73	5	5
<b>Option 3</b> 75% Diversion by 2025	\$6.96	5	5

*\* C&D staffing to be funded by future C&D program*

# FRANCHISE FEE COMPARISON (\$/TON)

## San Diego County Jurisdictions



# STAFF RECOMMENDS OPTION 3

- 75% waste diversion by 2025
- Allows time for infrastructure development
- More gradual increase in costs & impacts
- Supported by industry



# ZERO WASTE (90%) BY 2040

- Multiple factors (technology, economic, marketplace) may significantly impact future discards & industry
- Recommend to return to Board when approaching 75% diversion or if State adds regulations







# INTERNAL OPERATIONS CURRENT STATUS

- **Recycling and Diversion actions in place:**
  - 90-95% diversion on capital construction projects
  - Waste management contracts include recycling provisions
  - Organics diverted at county cafeterias
  - Motor oil/tires recycled for County fleet
- **Countywide recycling/diversion not currently tracked**



# NEXT STEPS FOR INTERNAL OPS

- Internal Operations will align with the Strategic Plan
- Baseline will focus on internal waste haulers
- Create plan to attain 75% diversion goal
- Should significant resources be required, we will return to the BOS at that time



# PURCHASING AND CONTRACTING WASTE PREVENTION & REUSE

- Establish Environmentally Preferable Purchasing Policy to select more environmentally-friendly products/services
- Incorporate High Diversion/Zero Waste objectives and reporting into selected County procurements
- Increase reuse of surplus property
  - Report volume or weight of materials reused, sold, or disposed
  - Improve ease of use and incentives for departments to dispose of surplus property through the re-utilization process

# SUMMARY OF BOARD RECOMMENDATIONS

1. Exempt from CEQA
2. Receive proposed Plan

3. Select Option	Franchise Fee/ Ton	Franchise Fee Staffing	C&D Staffing*
Option 1 State Mandated Programs	\$4.85	1	N/A
Option 2 75% Diversion by 2020	\$7.73	5	5
Option 3– 75% Diversion by 2025 Staff Recommendation	\$6.96	5	5

4. Adopt Franchise Fee resolution
5. If Option 2, establish \$241K fund balance appropriation
6. Amend franchise hauler agreements
7. Establish County operations baseline