



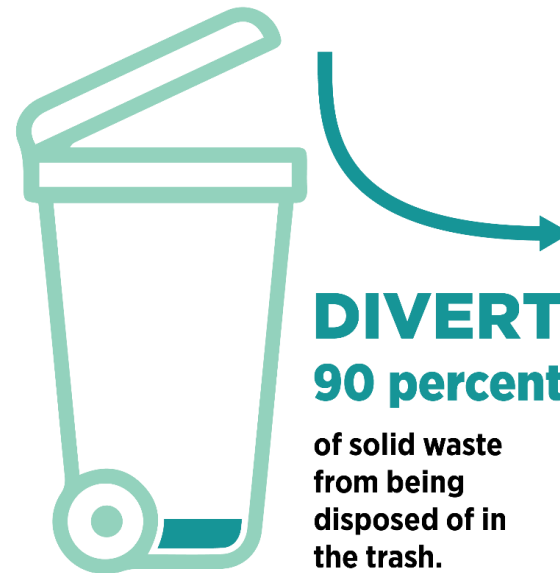
County Facilities' Zero Waste Program

Update

Samantha Lee, Zero Waste Team Lead,
Department of Procurement and Material Management

May 20, 2025

The Zero Waste Plan



- Sept. 2020 - JET Goal: Zero Waste by 2030
- Nov. 2021 – Board of Supervisors adopts Zero Waste Plan
- Sept. 2022 - Implementation of Zero Waste Program

The Zero Waste Core Team

County

- Procurement and Material Management
- Facilities Management Department
- Solid Waste Management Program
- Park Authority

Schools

- Office of Facilities Management
- Get2Green Program (OFM)
- Food & Nutrition Services



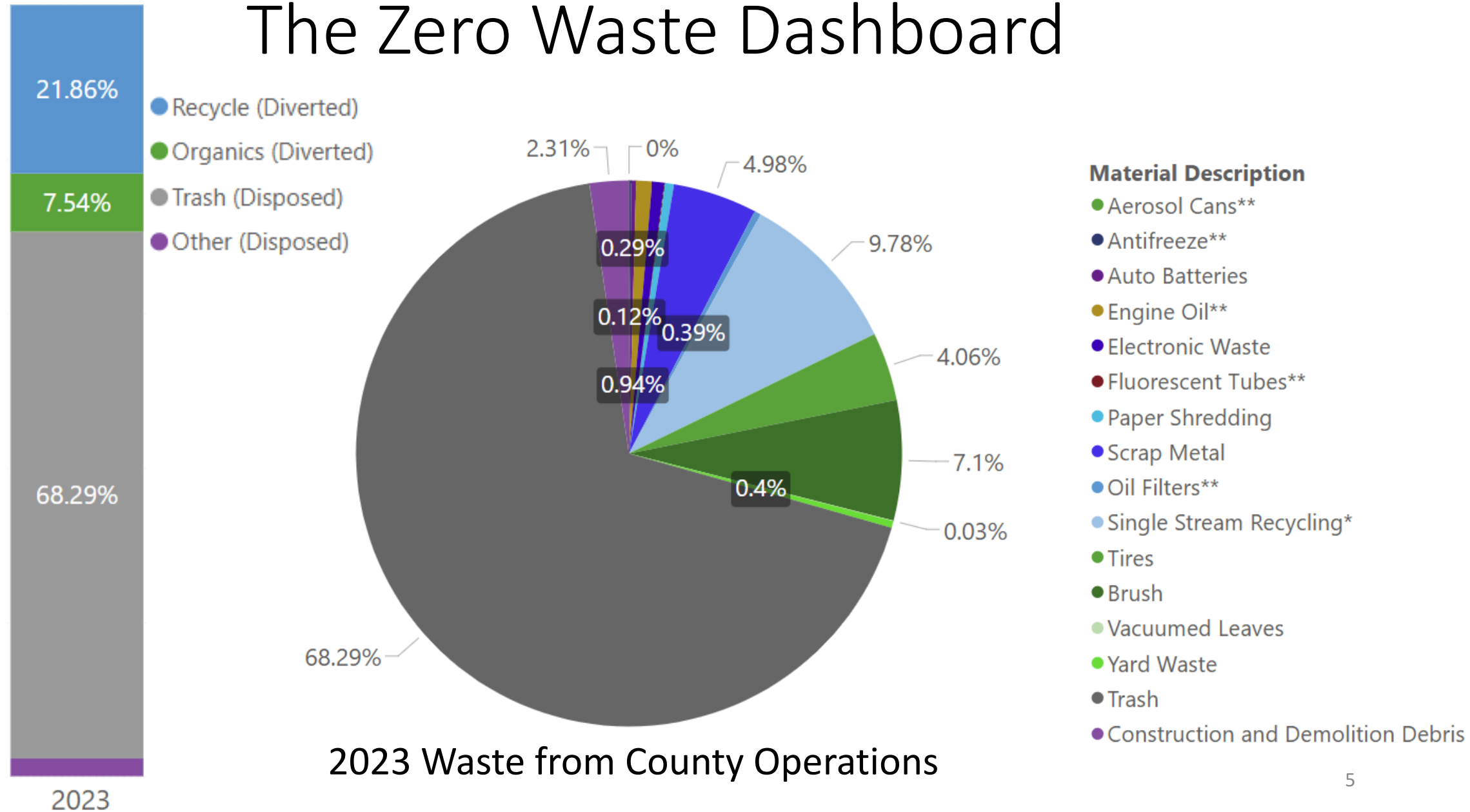


Zero Waste Champions Network

- Launched in June 2023
- 1-2 Champions per Dept.
- Action Plans and Annual Reports launched Sept. 2023
- Educational opportunities
- Zero Waste Toolkit:
<https://www.fairfaxcounty.gov/procurement/zero-waste-champions-toolkit>



The Zero Waste Dashboard



County Facility Waste Audits



Government Center Trash Compactor

- Contained 20% recyclable material

Government Center Recycle Compactor

- Contained 45% contamination

Departmental Zero Waste Goals



Department 2025 Action Plan Trends

- Reach Out: Outreach campaigns & Green Teams
- Reduce: Source reduction programs
- Reuse: Reusable Foodware
- Recycle: Diversion programs

Department 2024 Annual Report Highlights

- Composting programs at county facilities
- Department waste audits
- Source reduction programs

Department Zero Waste Success Stories



- Zero Waste Party Pack
 - 73 events
 - Prevention of 25K pieces of disposable foodware
- FCPA Earth Day 2024
 - Prevention of 1,139 single-use foodware items
- DPMM Surplus Program
 - Internal reuse rate of 51.6%

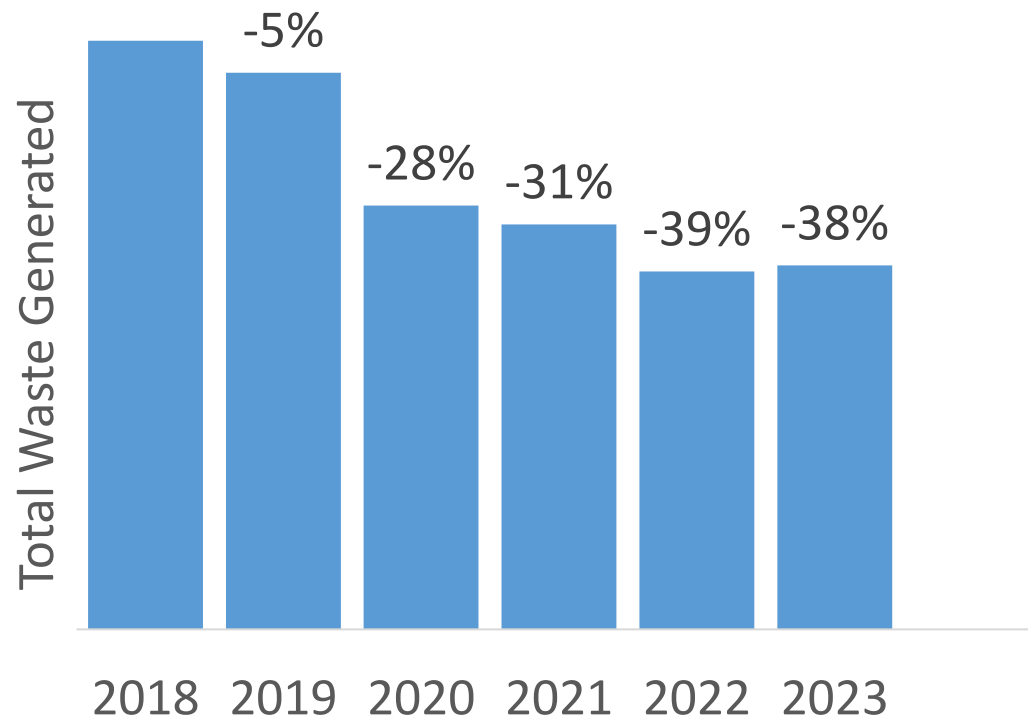
Plastic Bag Tax Funding & Zero Waste



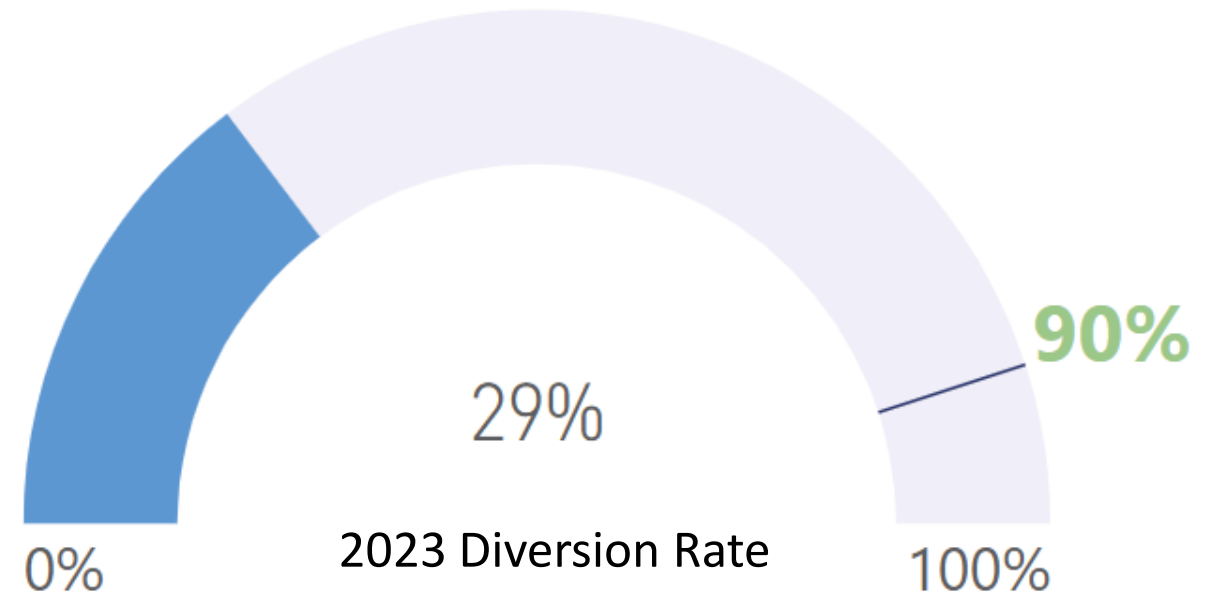
- Joint effort between OEEC and DPMM
- For projects that meet PBT requirements and support the Operational Zero Waste Program
- Example projects:
 - Purchasing or renting durable, reusable foodware
 - Composting
 - Water bottle filling stations

The 2030 Goals

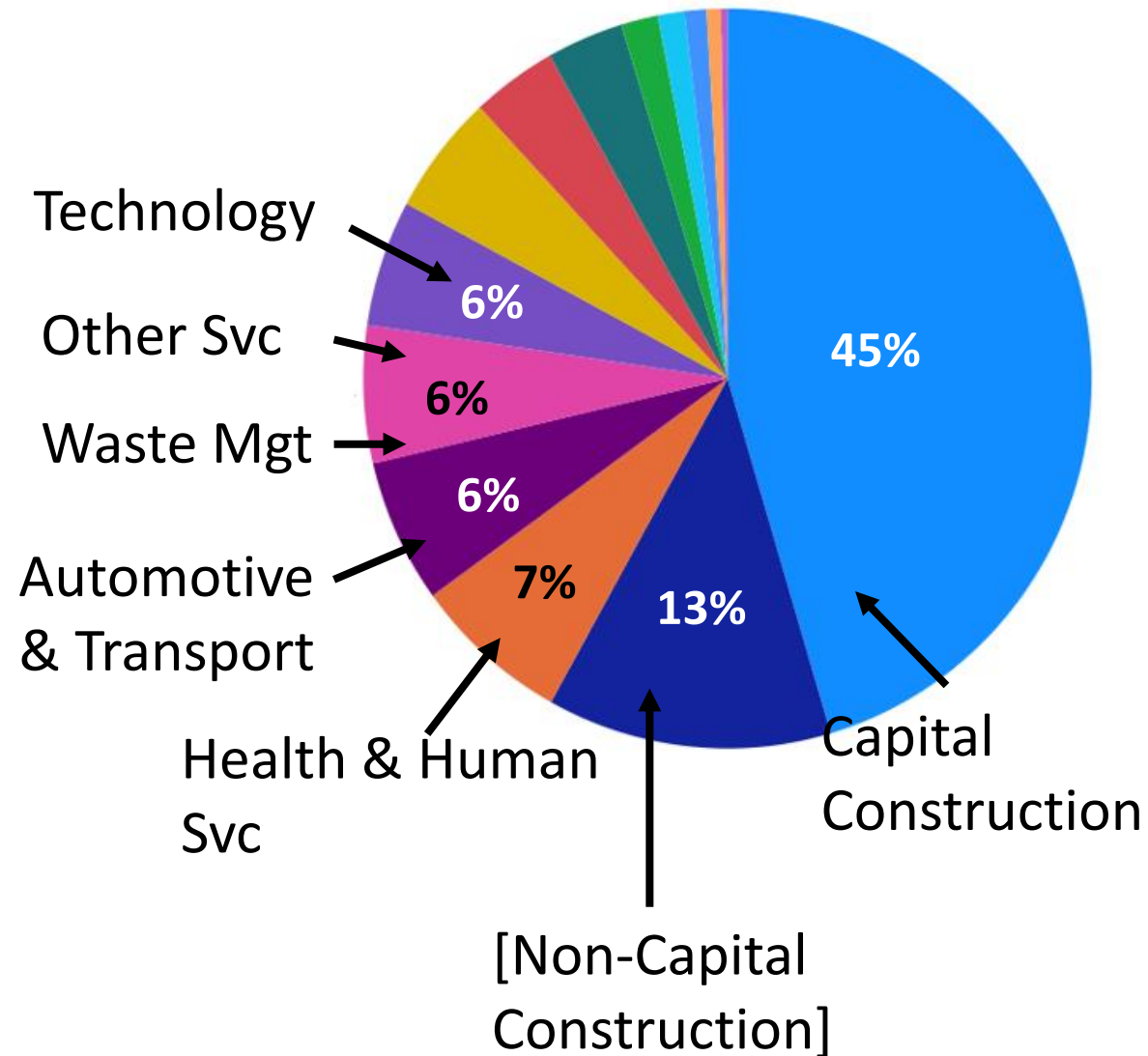
Goal 1: Reduce waste generation by 25% from 2018 levels



Goal 2: Divert 90% of waste from disposal



“Scope 3” Supply Chain Greenhouse Gas (GHG) Analysis



- Estimated GHG emissions from county and schools' purchased goods, services, & capital construction
- 316,000 metric tons CO₂ equivalent > county & schools' facility emissions
- Workshops underway with departments to explore emissions reduction opportunities