



City Energy & Sustainability Program Update

Sustainability Energy Advisory Board

August 13, 2015



THE CITY OF SAN DIEGO

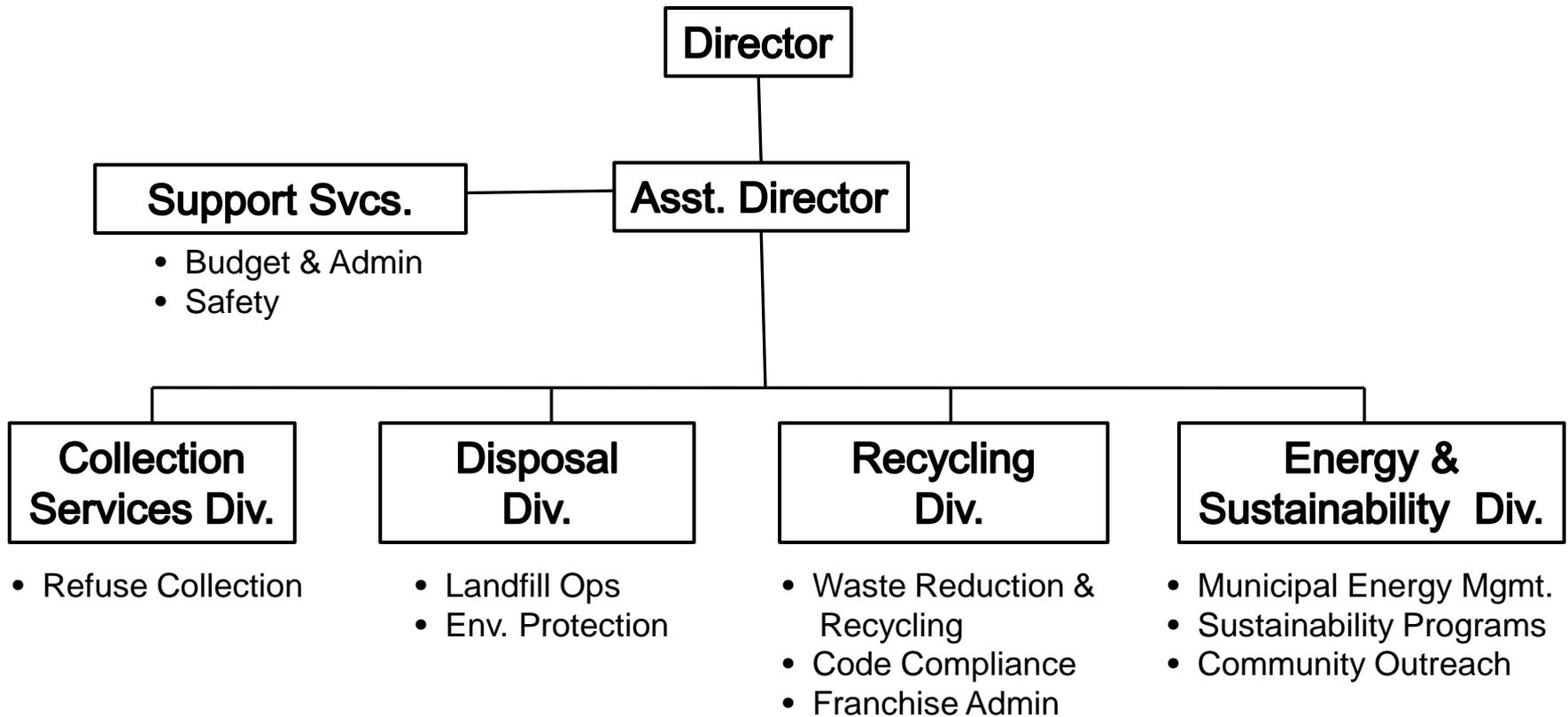
City of San Diego

Environmental Services Department (ESD):

- Was established to protect the environment for San Diego residents.
- Provides solid waste disposal, recycling & composting.
- Landfill Operations.
- Roadside litter removal and collection.
- Code enforcement (Illegal Dumping).
- Environmental Protection
- Energy & Sustainability Program Mgmt.



Environmental Services Dept.



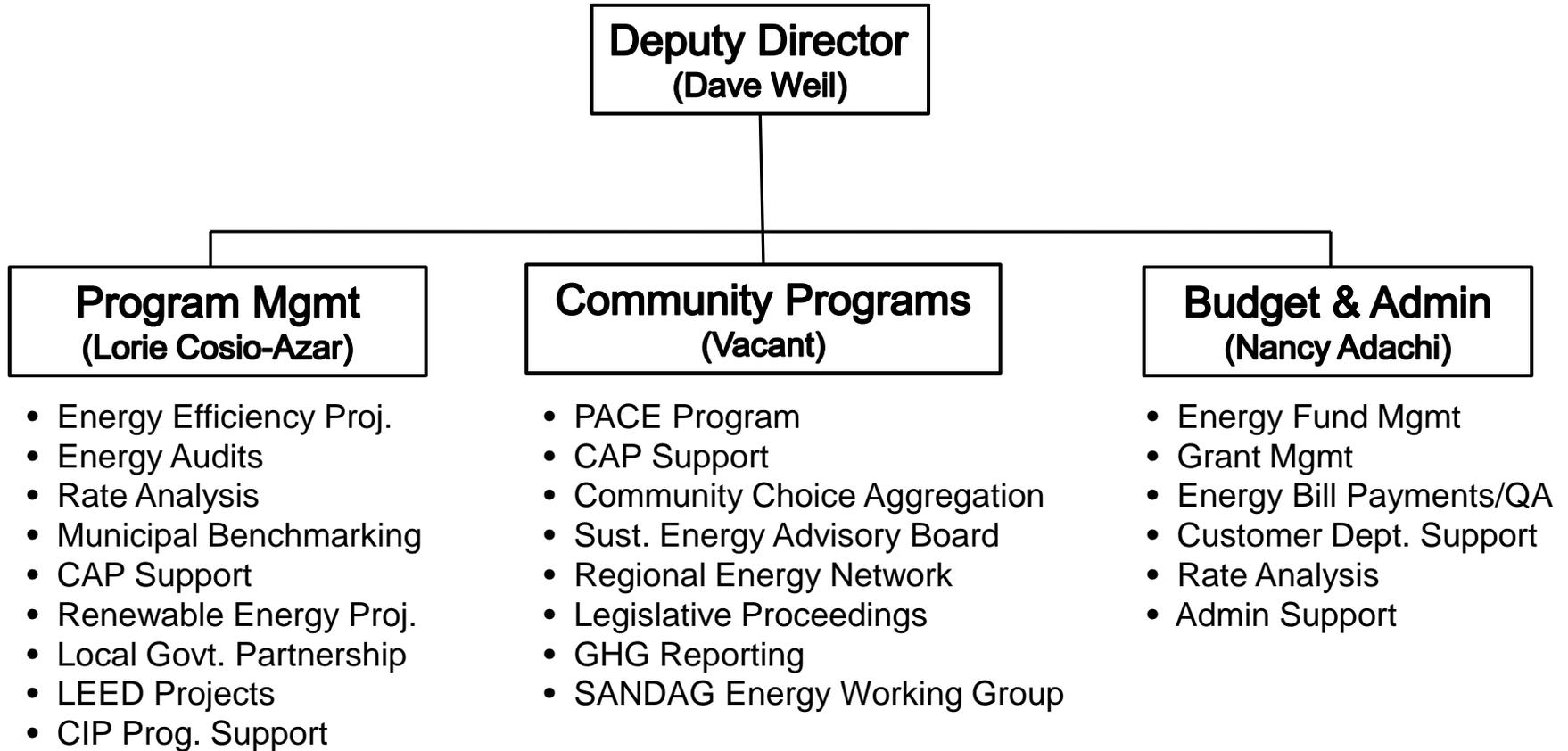
City of San Diego

Energy & Sustainability Division:

- Energy Efficiency, demand response, renewable energy generation and energy storage programs.
- Climate Action Planning/Adaptation/Mitigation support.
- Municipal energy bill payment & rate analysis.
- City ratepayer advocate.
- Greenhouse Gas Inventory & minimization.
- Community Energy & Sustainability programs/outreach.
- City representative on community energy & sustainability boards, groups and collaboratives.



Environmental Services Dept.



SD Regional Energy Partnership



A regional forum for public agencies to share expertise & leverage resources to facilitate climate action planning



City of San Diego



Current Projects



- 15 MWs (~) landfill gas energy generation:
 - Will support Pure Water 100% RE goal
- 8 MWs of building & parking canopy solar:
 - Need to complete before NEM cap reached
- 5 MWs landfill solar:
 - Will use RES-BCT Tariff
- Energy Efficiency Projects:
 - Funded through OBF & other funds
 - 60 facilities & 15,000 (~) ext. lights
 - Additional energy audits
 - Water/Wastewater process efficiency audits



Programs & Initiatives



- Community Choice Aggregation Study
- Expansion of PACE Program
- SD Regional Energy Network
- Green Business Network
- CAP Support
 - City Energy Strategy
 - Code/Ordinance development
 - GHG emission reporting
- Community Outreach
 - BeautifulPB...LEED for PB Library



Programs & Initiatives

- Staff to SEAB
- Legislative Proceedings:
 - Rate Design Window
 - General Rate Case Phase 2
 - NEM 2.0
 - Interim Metered Light Rate
 - Energy Efficiency proceedings
- Municipal LEED EBOM Program
 - Ridgehaven pilot
- Municipal ZNE Strategy
- Energy Storage Pilot program
- San Vicente pumped storage project support



Programs & Initiatives

- Energy Efficiency Programs
 - Local Government Partnership
 - Training opportunities
 - Community workshops
 - Energy Code Coach
 - Green MLS
 - Rolling Portfolio Development
- EV Charging infrastructure
- Alternative Fueled Vehicles (CNG)
- Microgrid development
- Energy benchmarking / data display



SEAB Support

- Advice, recommendations, assistance with:
 - Project and program development and recommendations
 - Stakeholder input and outreach
 - Legislative proceedings...what is important to community?
 - Identification of funding opportunities
 - Emerging technologies.





Questions?