



EAP: 2018 Progress Report

City of Tacoma | ES, Office of Environmental Policy and Sustainability

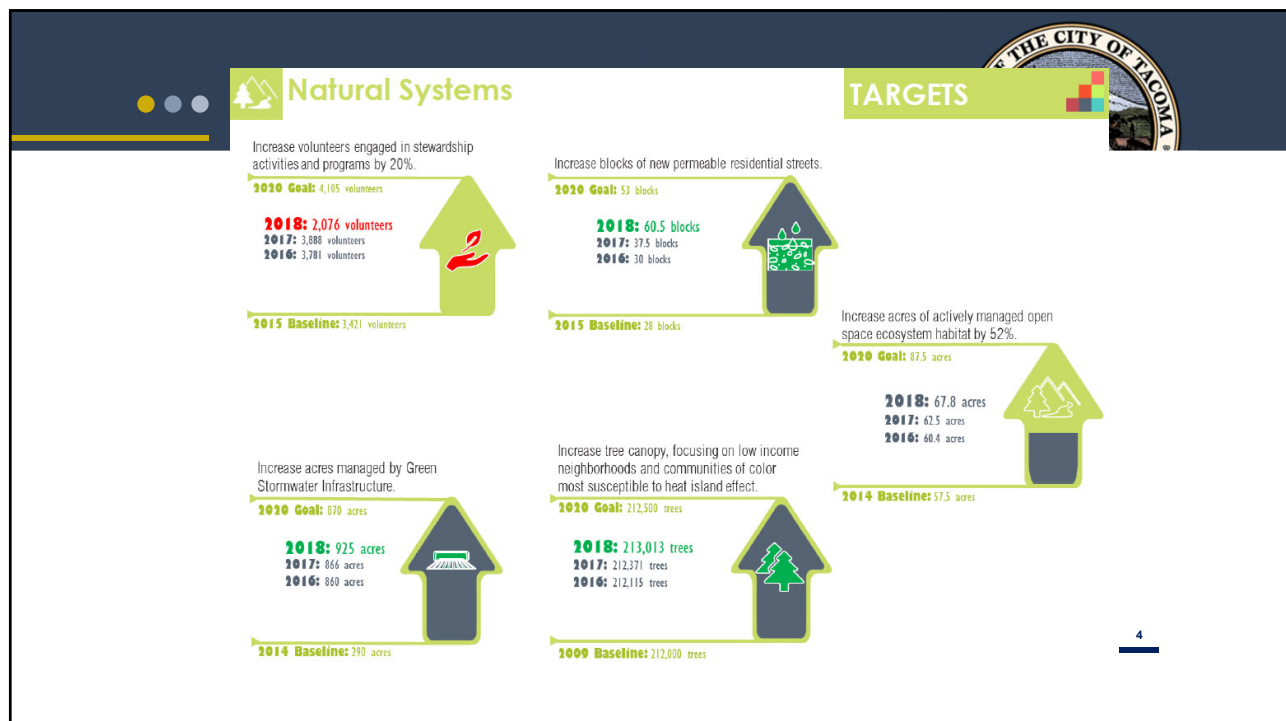
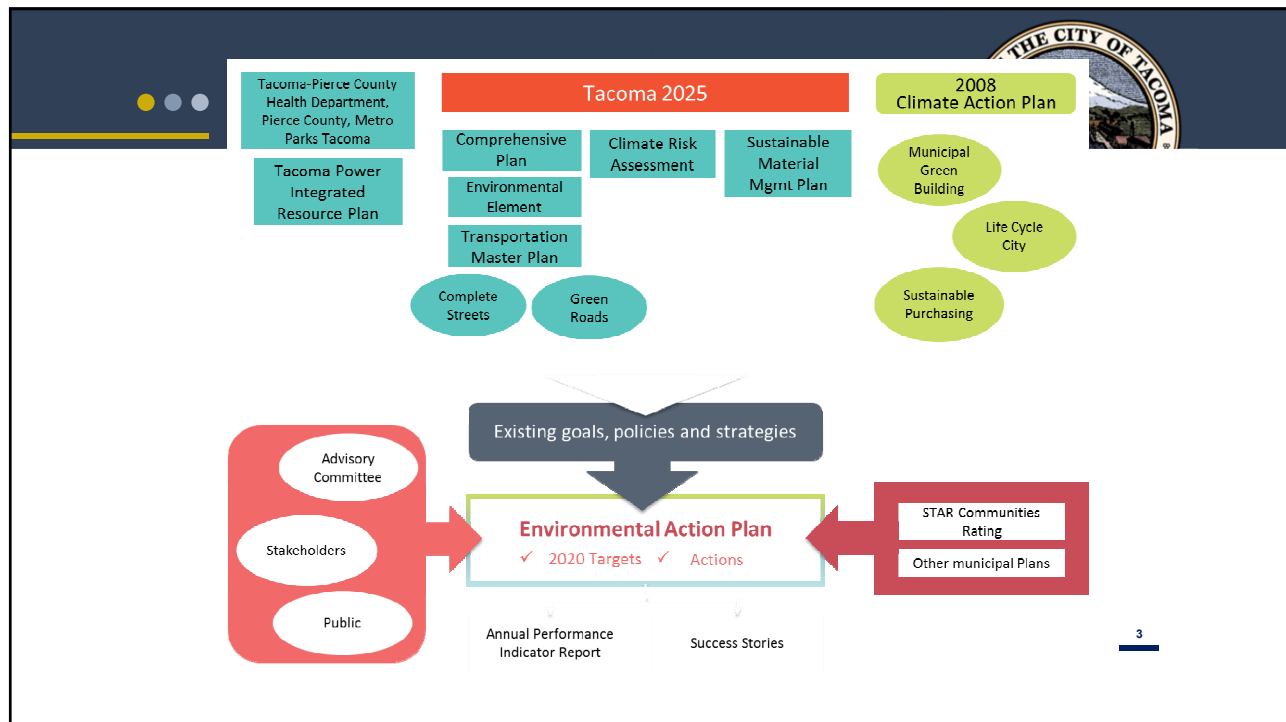
Study Session
July 2, 2019
ITEM #1



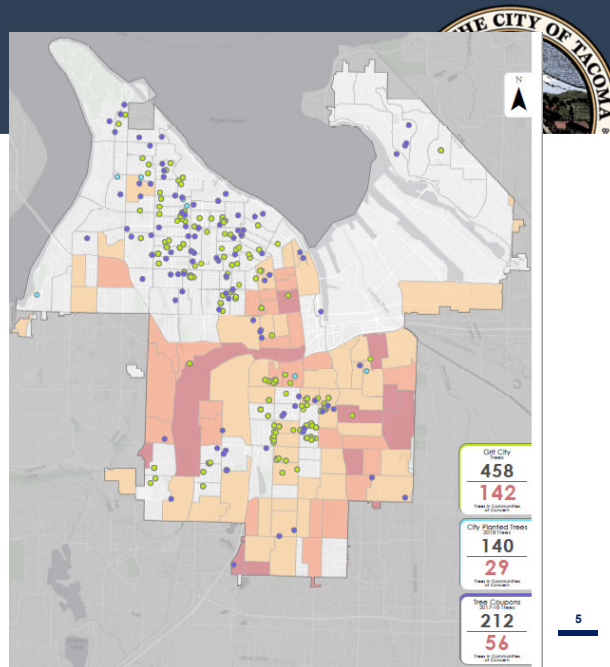
OVERVIEW



- Resolution 39437 adopted the EAP on April 19, 2016
- Third annual progress report for City's Environmental Action Plan (EAP)
- Requirement of EAP to produce an annual report on the EAP's Performance Indicators
 - Five-year targets and actions



- EAP Equity Tree Planting in census tracts with high population people of color and low income



Natural Systems

ACTIONS

Action	Progress Rating (1-5)	2018 Status
N6 Improve regulations to encourage tree preservation and protection on private property and in the City right-of-way.	2	Staff have updated Critical Areas regulations to include new tree preservation requirements within Biodiversity Corridors. The Urban Forest Management Plan will include a package of Municipal Code updates, which will include tree preservation.
N9 Retrofit one public facility with Green Stormwater Infrastructure.	5	In 2018, the City completed the 40th St Green Stormwater Infrastructure. This project added 20.75 acres of stormwater quantity control and 13.5 acres of runoff treatment.

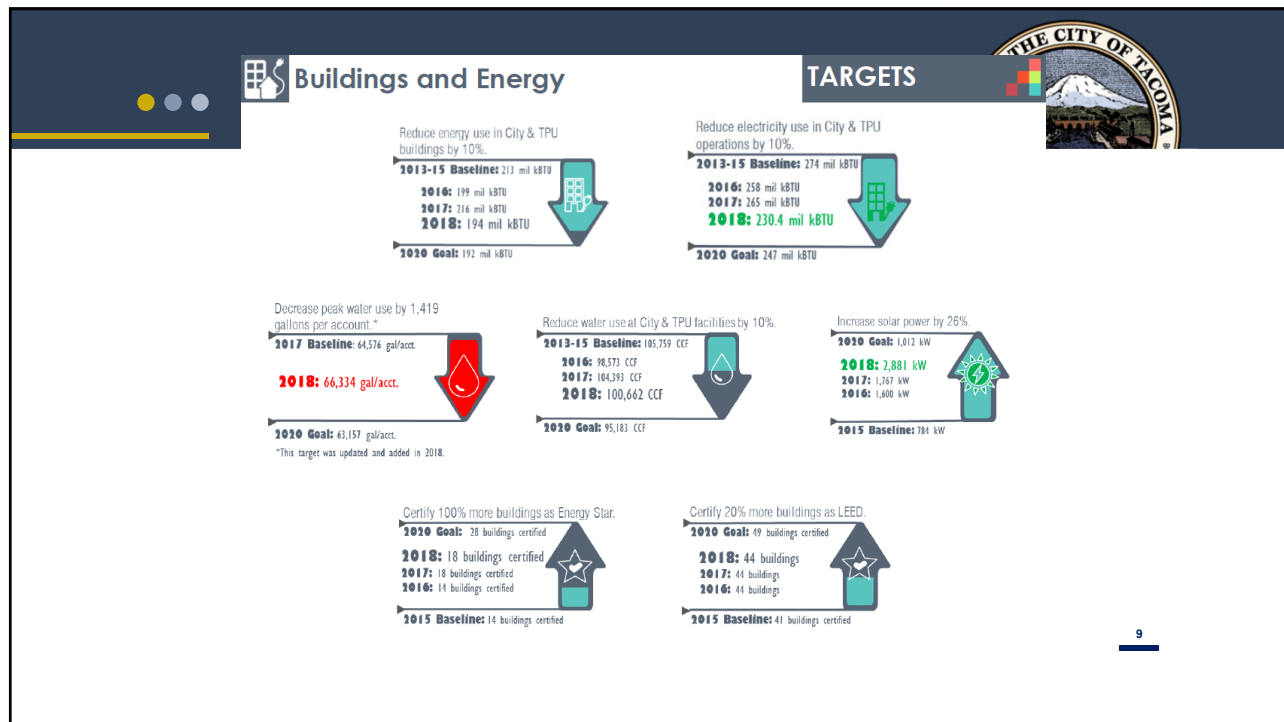


Air and Local Food

ACTIONS

Action	Progress Rating (1-5)	2018 Status
A3 Create and fund a reporting system and feedback forum for the city to hear from those suffering from food insecurity.	4	With the help of City funding, The Puyallup Watershed Initiative's Just and Healthy Food System Community of Interest developed a report on food access and equity opportunities and presented recommendations to City Council. In response, City staff continues to work with communities on highest priority actions.
A5 Support urban agriculture and clear legal hurdles so citizens can sell produce grown in the city.	3	In December, The City received Puyallup Watershed Initiative's Just and Healthy Food System Community of Interest's report on opportunities for and barriers to urban agriculture in Tacoma.

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Buildings and Energy		ACTIONS	
Action	Progress Rating (1-5)	2018 Status	
B2 Develop a pilot commercial program focused on reducing utility costs through improving building ops. & maintenance.	<div style="display: flex; width: 50px; height: 15px; background: linear-gradient(to right, red, red, red, green, green);"></div>	The new Commercial Strategic Energy Management program is currently underway with 7 business customers participating. Teams from each business are participating in workshops, and starting processes to measure electricity savings at targeted facilities.	
B9 Promote transparency, investment and competition of energy and water performance by requiring commercial benchmarking and disclosure through EPA's Energy Star utility tracking system. Increase awareness of the system and provide technical assistance to customers to better track and monitor building energy use.	<div style="display: flex; width: 50px; height: 15px; background: linear-gradient(to right, red, red, red, red, red);"></div> 2	Tacoma Power has identified a solution to streamline access for customers to monitor their building's electricity accounts and use. A consultant was hired to implement the solution in Q1 2019.	
B11 Track and report city buildings' utility performance and Energy Star scores. Develop a Resource Conservation Management (RCM) Plan.	<div style="display: flex; width: 50px; height: 15px; background: linear-gradient(to right, red, red, red, red, red);"></div> 3	A General Government Resource Conservation Manager and TPU Facility Conservation and Planning Administrator were hired to monitor performance and develop a RCM Plan. They are active participants in Tacoma Power's pilot Strategic Energy Management Program.	

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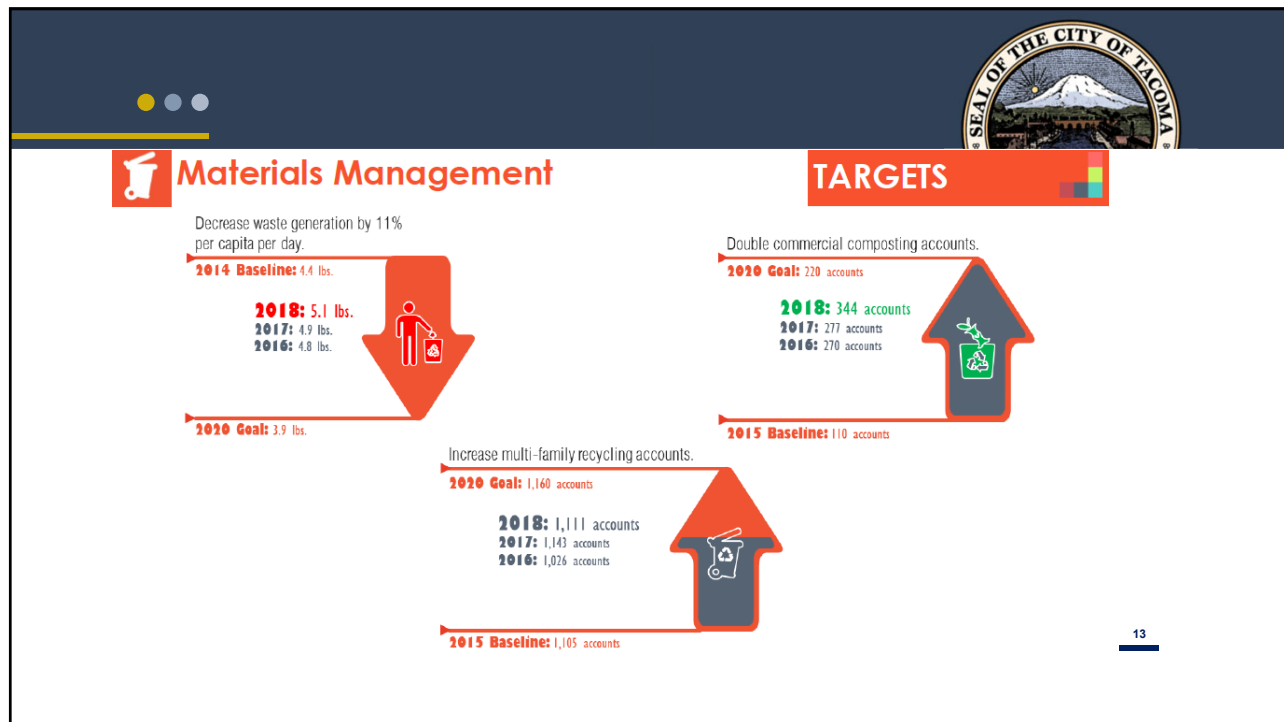


Transportation

ACTIONS

	Action	Progress Rating (1-5)	2018 Status
T1	Develop education programs and materials for the public on benefits and practicalities of electric vehicles (EVs).	<div style="display: flex; justify-content: space-around; width: 40px;"> <div style="width: 10px; height: 10px; background-color: red;"></div> <div style="width: 10px; height: 10px; background-color: darkred;"></div> <div style="width: 10px; height: 10px; background-color: teal;"></div> <div style="width: 10px; height: 10px; background-color: yellow;"></div> </div>	TPU has developed multiple educational resources for EVs. EV workshops and Ride and Drive events are offered on an on-going basis, and a dealership EV Discount Program was piloted.
T9	Advocate for strong Sound Transit and Pierce Transit policies and funding, incl. South corridor ST3 projects & Pierce Transit bus rapid transit on Rt. 1.	<div style="display: flex; justify-content: space-around; width: 40px;"> <div style="width: 10px; height: 10px; background-color: red;"></div> <div style="width: 10px; height: 10px; background-color: darkred;"></div> <div style="width: 10px; height: 10px; background-color: teal;"></div> <div style="width: 10px; height: 10px; background-color: yellow;"></div> </div>	The City is a key partner in work groups developing the Tacoma Dome Link Extension, a Sound Transit 3 funded project in the South Corridor, and the Pierce Transit Bus Rapid Transit along Pacific Avenue.
T13	Update City's Telecommuting Policy and flexible work schedule to foster increased use when it meets City business needs.	<div style="display: flex; justify-content: space-around; width: 40px;"> <div style="width: 10px; height: 10px; background-color: red;"></div> <div style="width: 10px; height: 10px; background-color: darkred;"></div> <div style="width: 10px; height: 10px; background-color: teal;"></div> </div>	Under the direction of the Resource Conservation Manager, OEPS staff has been looking into existing policies and drafting suggestions for future updates to the policy. The Finance Department completed a telecommuting pilot study which will inform development of future policies.

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Materials Management			ACTIONS
Action	Progress Rating (1-5)	2018 Status	
M1 Develop Construction and Demolition Diversion program that includes education, reporting, regulation and enforcement.	2	Environmental Services will hire a green building advocate in Q2 2019. The position will assist in development of C & D diversion strategies, as well as attend select regional meetings to coordinate C & D recycling efforts.	
M4 Conduct and support education and outreach on waste prevention (including food) and toxic reduction, with focused outreach to communities of color.	3	Waste prevention workshops were held at events such as T-Town, Sounds to Narrows, Ethnic Fest, Hilltop Street Fair, McKinley Street Fair, and Star Center. SWM also hired AmeriCorps staff to assist with ongoing education and outreach.	
M8 Enhance opportunities to sort and drop-off reusable and recyclable materials at the Tacoma Recovery and Transfer Center through better signage, enhanced floor sorts, and drop-off area.	3	Solid Waste Management piloted a satellite food waste collection site at the EnviroHouse. Outside experts completed a review of Tacoma Recovery and Transfer Center operations and will present recommendations in March 2019.	

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Climate Resiliency

TARGETS



Complete sea level and flooding studies.

2020 = 2 studies

Incorporate climate risks into formal asset management, Capital Improvement Plans and implementation, and emergency management plans.



2020 = Planning and implementation

Have adequate and accessible cooling stations to address heat waves.



2020 = cooling stations

Use information from completed studies to modify development codes, ensuring safety and resiliency.



2020 = Improved safety and resiliency

Educate the public on risks of climate change and opportunities for climate resilience and adaptation.




2020 = Public education on climate

Identify which public infrastructures and facilities are at unacceptable risk from climate change; prioritize adaptations for these elements.





2020 = Assess infrastructure needs

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Climate Resiliency

ACTIONS

Action	Progress Rating (1-5)	2018 Status
C4 Begin a conversation with the business community around climate impacts and resilience.	 3	<p>The WA Coastal Resilience Grant project held workshops meetings in 2018 on the new relative and probabilistic sea level rise data and how to work with it, as well as ongoing efforts to develop models for shoreline storm surge and run-up. Key staff from TPU, Metro Parks and the Port of Tacoma, as well as internal staff, attended.</p>
C7 Conduct additional studies (including data gathering, research, and mapping) to identify infrastructure that will be impacted by sea level rise (SLR) and flooding.	 3	<p>The WCRP science team has developed more refined SLR projections based on the latest global greenhouse gas projections and regional land up rise and subsidence. The project is still active and communication and high level regulatory guidance is under development. We have been included in another NOAA grant request which will look at quantifying the economic impacts of climate change.</p>

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●●● NEXT STEPS



- Continue to implement actions
- Request funding and/or policies to advance actions
- Implement Green Building Program
- Recycling and waste reduction emphasis
 - Multifamily, recycling changes, food waste prevention
- Engaged with Sustainable Tacoma Commission on priorities

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