

## Climate Action Plan Update

City of Tacoma | Environmental Services

Infrastructure, Planning & Sustainability Committee

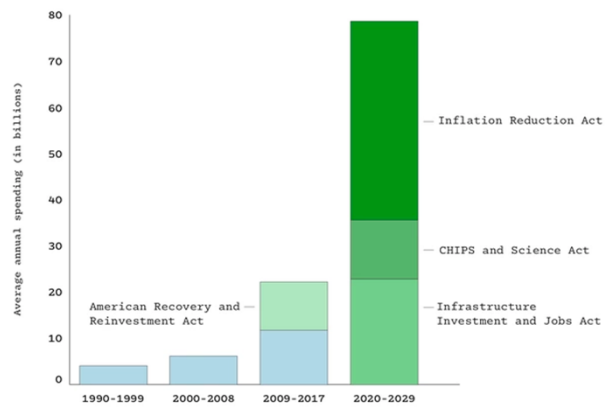
Sept 28, 2022

ITEM #2

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## HISTORIC FEDERAL & STATE INVESTMENTS

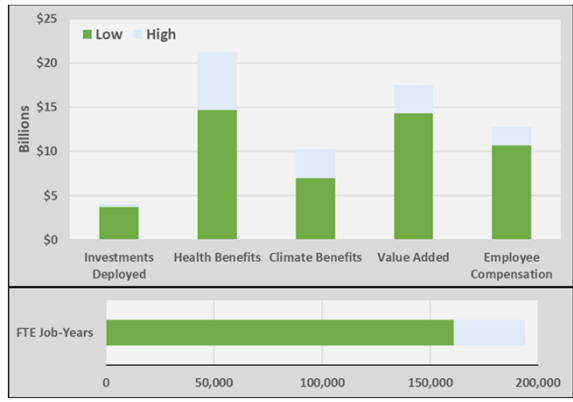
**A \$500 Billion Investment in a Green Economy**  
*The federal government's average annual climate spending is poised to triple this decade.*



Period	American Recovery and Reinvestment Act	CHIPS and Science Act	Infrastructure Investment and Jobs Act	Inflation Reduction Act	Total
1990-1999	~4	0	0	0	~4
2000-2008	~6	0	0	0	~6
2009-2017	~12	~10	0	0	~22
2020-2029	~22	~13	~10	~55	~100

Source: RMI

**WA Climate Commitment Act Benefits through 2030**



Category	Low	High
Investments Deployed	~4	~4
Health Benefits	~15	~22
Climate Benefits	~7	~10
Value Added	~14	~17
Employee Compensation	~10	~13

FTE Job-Years: ~170,000 (Low), ~190,000 (High)

Clean & Prosperous Institute 2021

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## READY FOR LOCAL IMPLEMENTATION



1. All 2022-24 CAP actions need to be implemented to get us on a path to be net-zero and climate resilient
2. CAP is an action plan for housing, transportation, health, emergency preparedness, and jobs
3. Partnerships will dominate our efforts
4. There is no shortcut to CAP success – there are two required ingredients: identified staffing and grant matching dollars
5. Investments today prevent worsening vulnerability and inequity across decades

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## CAP IMPLEMENTATION



- What you won't see in the budget
  - '22 Jump Start actions
  - Baseline actions
  - Policy actions



Colibri Farm – Tacoma Recovery & Transfer Center

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## CAP ACTIONS – URBAN FORESTRY & HABITAT



CAP #	Action	In Draft Budget	Lead Departments	Council Priority
39	Develop a climate change ready urban landscape and habitat strategy to protect urban green space ecosystems	No	PDS	Health, Safety, Organizational Effectiveness
32	Support Green Stormwater Infrastructure Diversity & At-Risk Job Training Program	Yes	OEPS/SW	Jobs
23	<b>Increase staffing resources for management and care of Tacoma's urban forests. This includes an arborist crew and landscape architect</b>	No	PDS, PW	Health

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**Bolded**= Sustainable Tacoma Commission priority

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## CAP ACTIONS - BUILDINGS



CAP #	Action	In Draft Budget	Lead Departments	Council Priority
13	Aggressively implement Affordable Housing Action Strategies for a) Creating More Units of Housing near transit-oriented development, b) Keeping Housing Affordable for All and in Good Repair	Yes	PDS	Health, Housing, Access
16	Study Residential Climate Emissions Reduction Best Practices	Yes	OEPS	Housing, Homelessness
14	Green & Resilient Home Retrofit Program Grant Match	No	PDS	Housing, Health, Jobs

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## CAP ACTIONS - ADAPTATION



CAP #	Action	In Draft Budget	Lead Departments	Council Priority
43	<b>Develop Community-Informed Climate Emergency Communication Plan</b>	Yes	EM, OEPS	Health
42	<b>Provide Wildfire Smoke Filter Fans for At-Risk Residents</b>	Yes	TPCHD, OEPS	Health
41	<b>Neighborhood Cooling &amp; Air Quality Relief Centers Grant Match</b>	Yes	NCS, OEPS	Health
45	Conduct a <i>study focusing on flooding impacts</i> to critical roads, other infrastructure and steep slopes due to increasing intense rainfall events.	Yes	ES-S&E, PDS, PW	Safety, Organizational Effectiveness
44	<b>Fund Match for Sea Level Rise Master Plan Grant</b>	Yes	OEPS	Safety
7, 41-44	<b>Climate Resilience Implementation Manager</b>	No	OEPS	Health

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## CAP ACTIONS - TRANSPORTATION



CAP #	Action	In Draft Budget	Lead Dept	Council Priority
10	<b>Increase staff capacity to coordinate on transit</b>	No	PDS, PW	Health, Access, Safety
11	<b>Increase staffing and funding for community programming that provides easy entry opportunities for community members to access active transportation and transit</b>	No	PW	Health, Access, Safety
9	Develop Funding Plan for Active Transportation*	No		
11	<b>Establish EV Charging and E-Bike Matching Fund for Low Opportunity Neighborhoods</b>	Yes	PW-AT, OEPS	Health

\* Planning underway

\*\* Vision Zero Coordinator in draft budget

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## CAP ACTIONS – GREEN ECONOMY



CAP #	Action	\$\$ / FTE	Lead Dept	Council Priority
2	Increase support for partners and community groups leading on waste prevention actions.	No	ES	Jobs, Engagement
24	<b>Increase food waste prevention and diversion programs and projects</b>	3 FTEs for equitable engagement		
34	Feasibility study for community food hub	No		
38	<b>Designate or hire Economic Development Specialist to coordinate green economy actions and support partners and businesses*</b>	Yes	CED	Jobs
14, 21, 44	<b>Hire Climate Implementation Data &amp; Grant Analyst</b>	Yes	OEPS	Organizational Effectiveness

\* \$40,000 for Green Economy Study implementation

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## CAP ACTIONS- MUNICIPAL



CAP #	Action	In Draft Budget	Lead Departments	Council Priority
M4	Increase funding for fleet capital budget to accelerate replacement with low emission vehicles.	Yes	Fire, PW, TPU, SWM, ES-O&M, PDS	Health, Organizational Effectiveness
M7	Building Tune-ups (ES, TPU, PW, TVE).	In baselines	OEPS, PW, TPU, TVE, SWM	Organizational Effectiveness
M9	Dedicate funding for efficiency, resiliency, and decarbonization in existing and replacement facilities, including staffing where necessary to carry out actions.	Yes	Fire, OEPS, PW, TPU, TVE	Safety, Organizational Effectiveness

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## NEXT STEP OPPORTUNITIES



- Council budget decisions
- Pursue federal and state funding for projects that benefit climate+
- Tree Code draft changes
- Home in Tacoma
- Decarbonization Studies and Green Economy Strategy recommendations



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