BP1
BP4

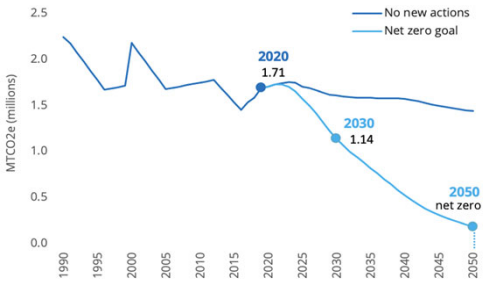
Climate Action Plan/Climate Adaptation Strategy Update

City of Tacoma | Environmental Services
Infrastructure, Planning & Sustainability
September 22, 2021
ITEM #

1

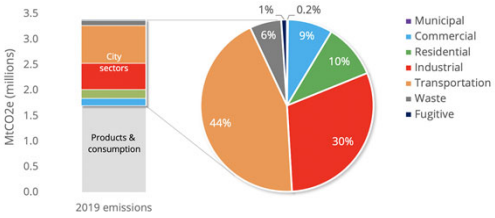
CLIMATE EMERGENCY

Choosing a new path



"Unless there are immediate, rapid, and large-scale reductions in greenhouse gas emissions, limiting warming to 1.5 C will be beyond reach."
- IPCC 6th Assessment Report, August 2021

Tacoma's 2019 Emissions



Washington Legislature charts 'new beginning' in climate change fight

As the dust settles in Olympia, the state has finally embraced cap and trade, electric cars and environmental justice.

by Levi Pulkkinen *InvestigateWest* / May 3, 2021 / Updated at 8:30 a.m. on May 4

The New York Times

House panels begin writing the $3.5 trillion social policy and climate bill.

By Jonathan Weisman and Emily Cochrane Published Sept. 9, 2021 Updated Sept. 12, 2021

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Slide 1

BP1 Cover timeline/scope (slide 3) in notes and during personal introductions on intro slide?
Babbitt, Patrick, 8/26/2021

BP4 Personal intro, it's been xx months since we saw you last and we're happy to join as we wrap-up this 12-month process to engaging our community and developing a climate action plan with help from local partner organizations and our own staff.....
Babbitt, Patrick, 8/26/2021

WHAT'S NEW & OLD

- Community Plan
  - Why Tacoma needs a climate action plan
    - Climate Action and Social Justice
    - Past & Current Emissions
    - Climate Costs and Impacts
  - The Opportunity
    - Choosing a New Path
    - Environmental Justice Leaders
  - The Work We Need to Do
    - 2030 Better Tacoma Strategies
    - 2024 High Impact Action Summaries
    - 2030 Better Tacoma Stories
  - Holding Ourselves Accountable
  - What You Can Do for Climate Action
- Technical Appendices
  - Energy and Emissions Modelling
  - *Implementation Actions by 2024*
  - *2030 Indicator Targets*
  - Financial Analysis
  - Funding Options
  - Plan Contributors
  - Community Engagement Summary
  - Municipal Carbon Neutrality Strategy
- Climate Adaptation Strategy

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COMMUNITY INPUT

- Host Organizations
  - Asia Pacific Cultural Center
  - Latinx Unidos South Sound
  - Mayor's Youth Commission/Sunrise Movement
  - Puyallup Watershed Initiative's Just & Healthy Food Community
  - Puyallup Tribe
  - Oasis Youth Center
  - Rainbow Center
  - Tacoma Urban League
  - Tacoma Ministerial Alliance
- Online survey
- 3 workshops
- PC Master Builders
- City Commissions
- Neighborhood Councils

- Citizens for a Healthy Bay
- Climate Ambassadors
- Environmental Justice Leaders Workgroup

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BP15

CLIMATE & EQUITY

1. Prioritize building relationships with frontline communities in climate work.

3. Fund 10 community food access projects like community gardens, food forests, orchards, farms, food rescue efforts, or farmers markets.

4. Provide community and youth-serving organizations and climate justice leaders with education, tools, materials, compensation, professional development, and technical assistance to effectively engage and share their expertise.

21. Fund electric vehicle and bicycle programs.

24. Develop and support programs for food waste prevention, rescue, and diversion to keep food out of the landfill and improve local food security.

43. Make communication materials and trainings about climate impacts and emergency preparedness accessible.

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BP16

CLIMATE & HEALTH

11. Increase partnerships and funding for active transportation and public transit programs and events that reduce barriers to using these modes and encourage their use.

40. Establish, fund, and implement right-of-way tree maintenance program focused in high heat, low & very low opportunity equity neighborhoods. Include policy, protocols, and standards

19. Support Pierce Transit in developing a zero-emission public transit plan.

22. Partner to support zero emission innovation in marine, rail and truck transportation.

39. Protect and restore biodiversity and habitat to be climate change ready.

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Slide 5

BP15 Preparedness, engaging frontline, jobs, housing, transportation, energy efficiency = equity, resilience, cost savings
Babbitt, Patrick, 8/27/2021

Slide 6

BP16 active lifestyles, air quality, water quality, supporting our natural life support systems
Babbitt, Patrick, 8/27/2021

CLIMATE & JOBS

32. Partner to train nature stewards for employment and restore green spaces.

33. Partner to retrain the workforce for good paying jobs in the green economy sector.

34. Research how to develop a community food hub, with space for food training, sharing, and business.

35. Use business taxes to encourage businesses to create more green job opportunities.

36. Amend zoning codes to encourage low carbon, resource-efficient, resilient, and just businesses.

37. Research, identify and prepare to recruit green industries and jobs that fit Tacoma.

38. Increase City staff capacity to grow green economy partnerships and resources.

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CLIMATE & HOUSING

9. Actively implement the City's 2018 Affordable Housing Action Strategy by maintaining housing and making it affordable and resilient for residents to promote livability and avoid displacement.

10. Improve land use density bonuses and tax credits to require efficient zero carbon energy and green building certification

14. Partner with private and public partners to prioritize, support and create home and building low carbon, healthy retrofit solutions

16. Research and pilot home and commercial building energy scores to be shared with buyers.

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CLIMATE & SAFETY

12. Update street design guidelines and processes to make walking, biking, rolling, and riding transit easy and safe.

13. Develop and implement a funding plan to complete the City's bike and pedestrian network by 2050

15. Improve commercial energy codes to reduce most fossil fuel use, and require enhanced efficiency and health standards

41. Establish cooling/warming/clean air shelters in every neighborhood.

42. Partner to distribute clean air kits, including filter fans.

44. Develop Sea Level Rise Master Plan with partners to assess, monitor, and prepare natural systems & infrastructure.

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JUMP START ACTIONS

Action Summary	Type of Action	City Cost Est	Funding Options
3. Fund 10 community food access projects	Community Support	$100,000 annually	Federal Recovery, General Fund, ES
40. Establish, fund, and implement right-of-way tree maintenance program	Program	$500,000 annually	General Fund, Stormwater, grants
4. Support community & youth-serving organizations & climate justice leaders	Community Support	$25,000 annually	General Fund, Utilities, grants
17. Improve land use density bonuses and tax credits to require sustainability	Policy	N/A	
13. Develop and implement a plan to fund, prioritize, and complete the City's network of sidewalks, curb ramps, Safe Routes to School improvements, and bike connections by 2050.	Planning & Infrastructure	$500,000 one-time for plan, $60 mil annually to build	Plan: General Fund
14. Support and create single and multi-family low carbon, healthy retrofit solutions	Community Support & Programming	Min. $2,000,000 one-time	Federal & State grants/allocations, General Fund
15. Improve commercial energy codes to reduce most fossil fuel use	Policy	$50,00 one-time	General Fund
24. Develop and support programs for food waste prevention	Staffing & Programming	$150,000 annually	Federal Recovery, Solid Waste, grants
38. Increase City capacity to grow green economy partnerships and resources	Staffing & Programming	$150,000 annually	Federal Recovery, General Fund, ES, Federal & State grants/allocations
42. Partner to distribute clean air kits, including filter fans.	Community Support	$30,000 annually	General Fund, grants

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NEXT STEPS

- Public review of draft plan – now thru October 25th
  - Coordinate with key frontline stakeholders, including Sunrise and EJ Leaders
- City Council Study Session –November 16th
- City Council Plan Resolution - before end of year

- Prioritize federal and state funding for “climate &” actions