

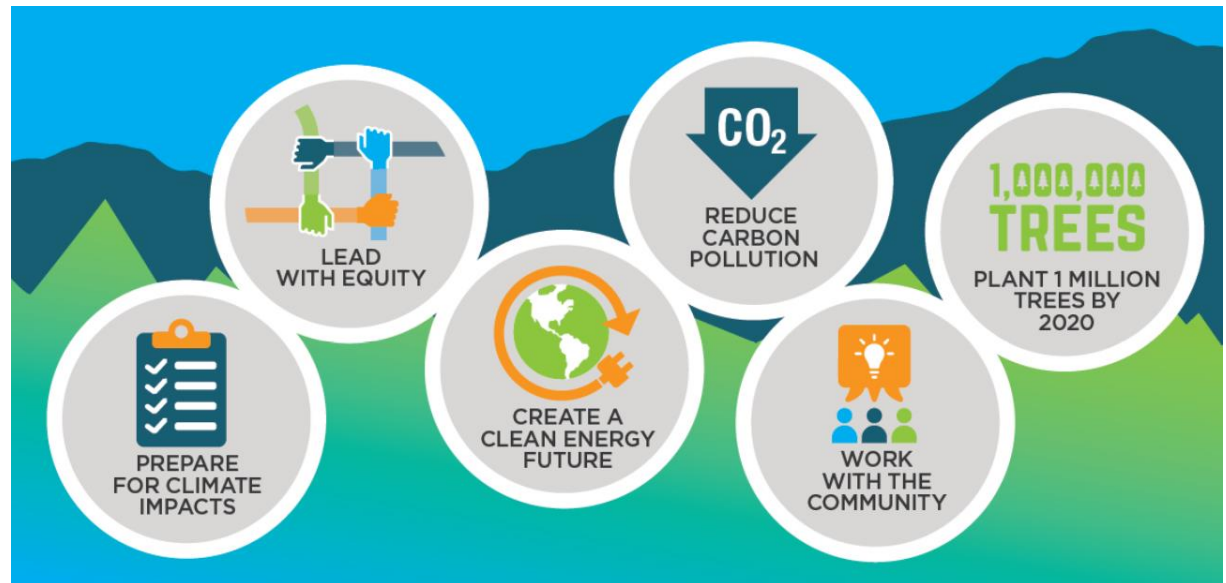
2020 King County Strategic Climate Action Plan Update

King County Council Mobility and Environment Committee

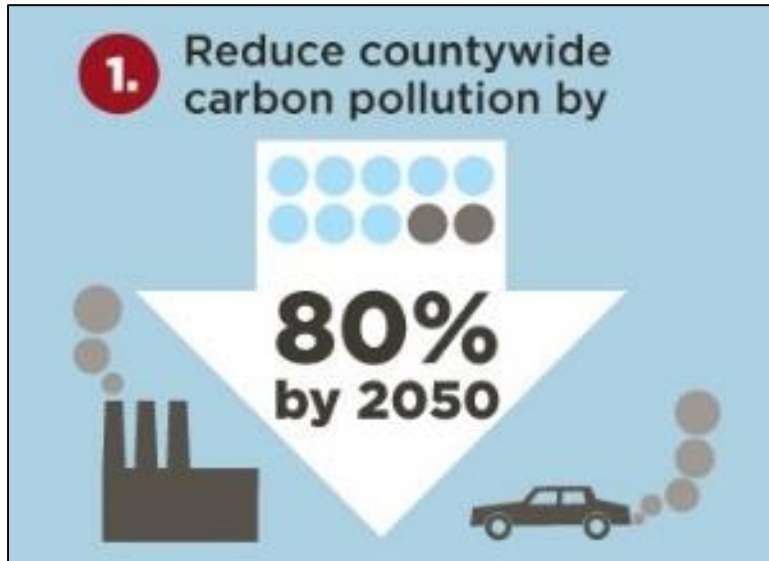
September 17, 2019

Megan Smith, Director of Climate and Energy Initiatives

Matt Kuharic, Senior Climate Change Specialist



King County Strategic Climate Action Plan Update



2015 Strategic Climate Action Plan (SCAP)

- **SCAP** unanimously adopted by Council, November 2015
- **5-year blueprint** for County climate action
- 2019 marks **year 4 of implementation**
- **Comprehensive update to the plan by June 2020**



King County Strategic Climate Action Plan Update

SECTION 1: Reducing Emissions

- Transportation & Land Use
- Buildings & Facilities Energy
- Green Building
- Consumption & Materials Management
- Forests and Agriculture

SECTION 2: Preparing for Impacts

We work at two scales:



Community



Government Operations



2015 SCAP

Getting results: Energy

- Surpassing energy efficiency goals (county operations)
- Certified our first Net Zero Energy building retrofit
- Exceeding goal for Net Zero and Living Buildings
- Working with cities on model codes and incentives



Getting results: Clean Electricity

- Mapped out actions needed to achieve 90% renewable electricity by 2030
- Partnered with cities and business to secure new renewable electricity option (Green Direct)
- King County enrolling 98% of electricity load, will reduce direct county emissions by 20%



- Now proposing fossil fuel infrastructure policies & standards

Getting results: State Policy

- King County-Cities Climate Collaboration shared legislative interests
- Stronger voice in Olympia
- Transformational energy policies:
 - ✓ Stronger building and appliance efficiency
 - ✓ Conservation requirements for gas
 - ✓ 100% Clean Electricity



Getting results: Transportation and Land Use

- Continue to focus 98% of new growth in urban areas.
 - Nation-leading commitment and investments in Zero Emissions Fleet
 - Continued “roll out” of battery buses and planning for new base
- Current focus: Mobility Framework with equity and climate change lens (Council direction)



Getting results: Open Space and Healthy Forests

Open space and Healthy Forests

- Developed Land Conservation Initiative
- Tripled pace of investment in land conservation
- Launched first local government forest carbon credit program
- Closing in on 1 million Trees goal
- Forest Health Plan underway



2020 King County Strategic Climate Action Plan Update

What worked with the 2015 SCAP?

- Transparency (e.g. Biennial Report)
- Comprehensive View
- Concept of “ambitious and achievable”
- Working at both operations and community scales
- Weaving climate considerations throughout county operations

What will we improve?

- Be more ambitious, achievable, and accountable
- Update technical analysis supporting the SCAP
- Co-develop community-driven goals, targets and actions
- Develop new actions that strengthen community resilience
- Integrate and prioritize equity throughout the process, plan, implementation and outcomes

2020 King County Strategic Climate Action Plan Update

2020 SCAP



GHG Emissions Reduction

Transportation
Energy
Green Building
Consumption and
Materials
Forests and Agriculture
Other emissions-
related issues

Sustainable & Resilient Communities (NEW!)

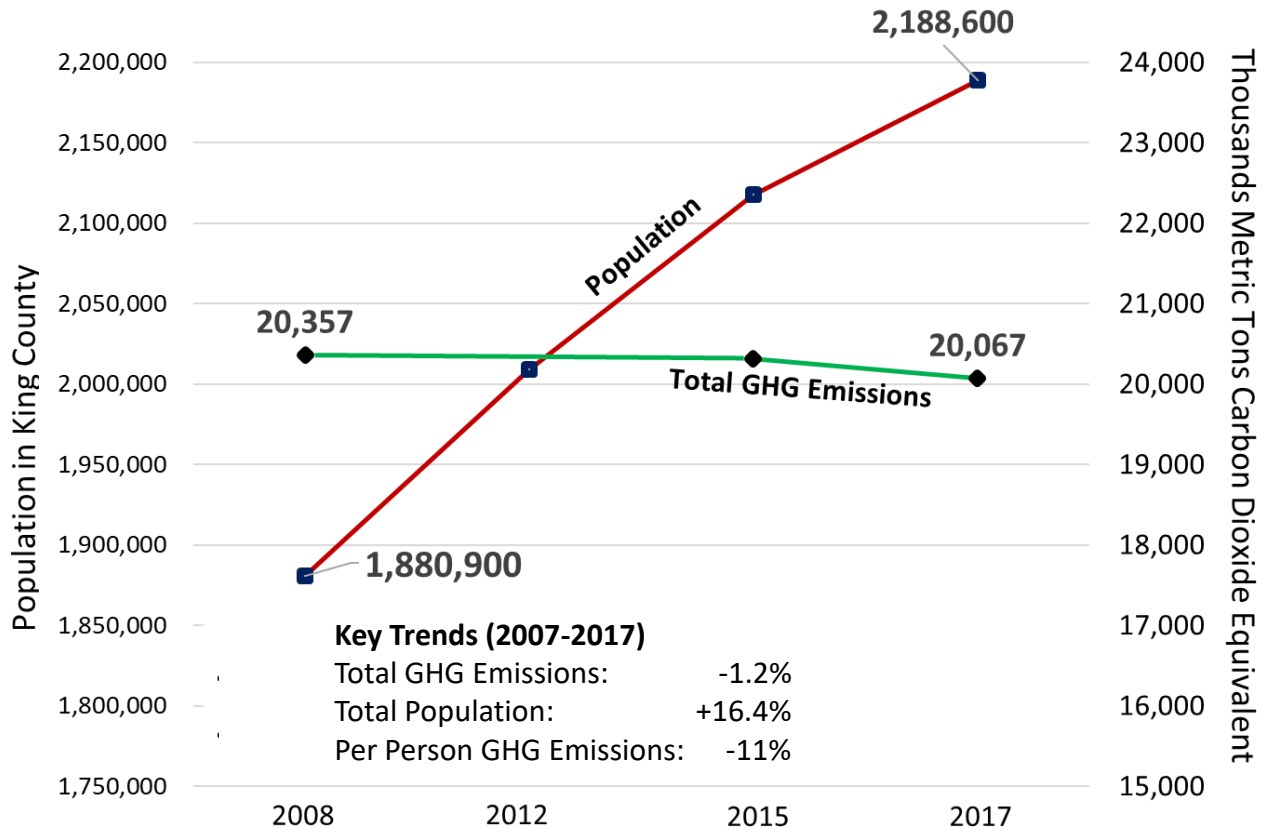
Intersectional Issues
Aligning with other County
initiatives
Grassroots scale community
driven goals & priorities
Frontline Communities Task
Force

Preparing for Climate Impacts

Flooding Sea Level Rise
Salmon
Biodiversity
Wildfire
Stormwater
Capital Projects
Public Health
Many Others...

2020 King County Strategic Climate Action Plan Update

King County GHG Emissions and Population Trends



Biggest Factors Increasing Emissions

- Population Growth
- Commercial Development

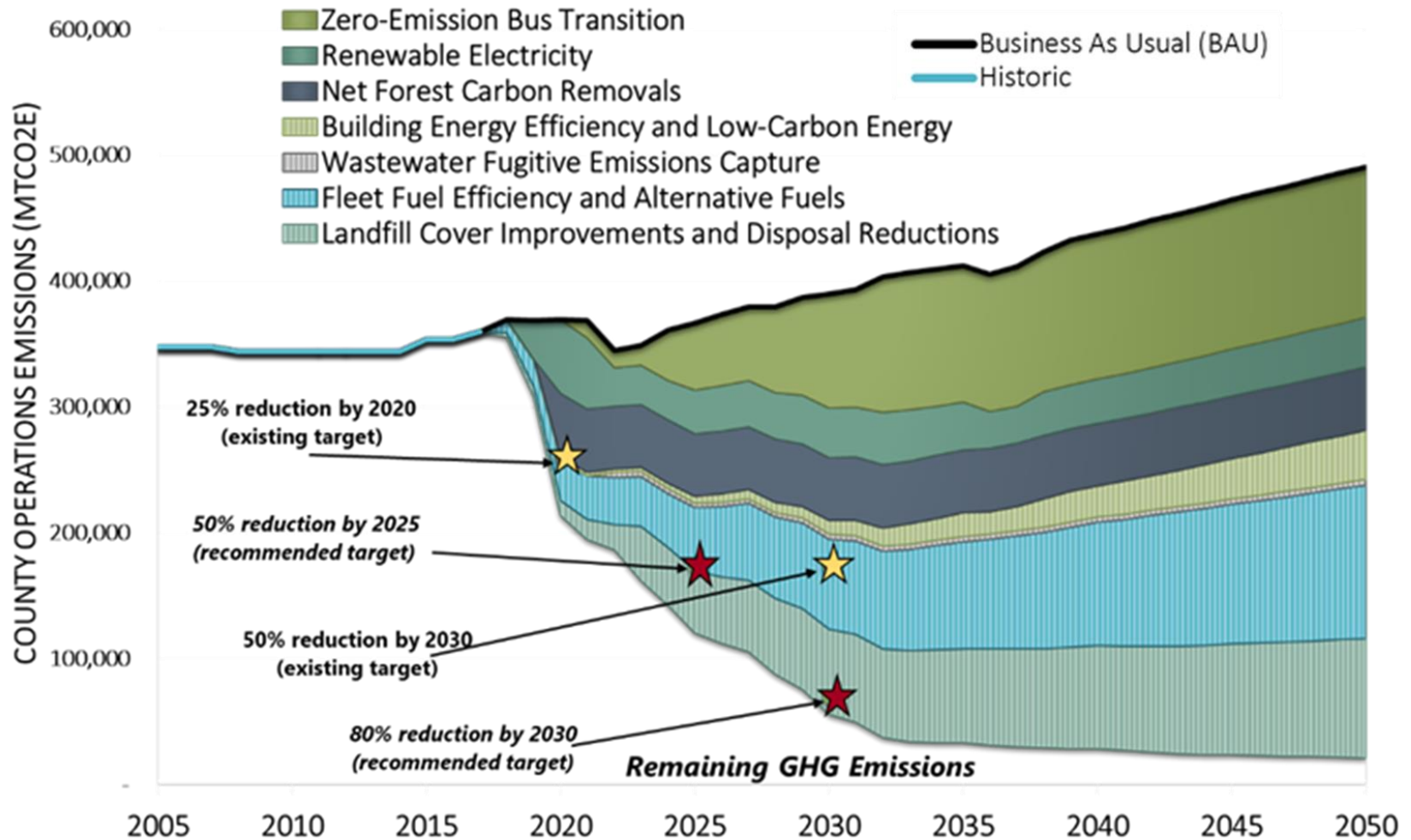
Biggest Factors Decreasing Emissions

- Vehicle Fuel Efficiency Standards
- Less Car Trips per Person
- Building and Industrial Energy Efficiency

2020 King County Strategic Climate Action Plan Update

Technical Work Supporting the Update: Operational Analysis

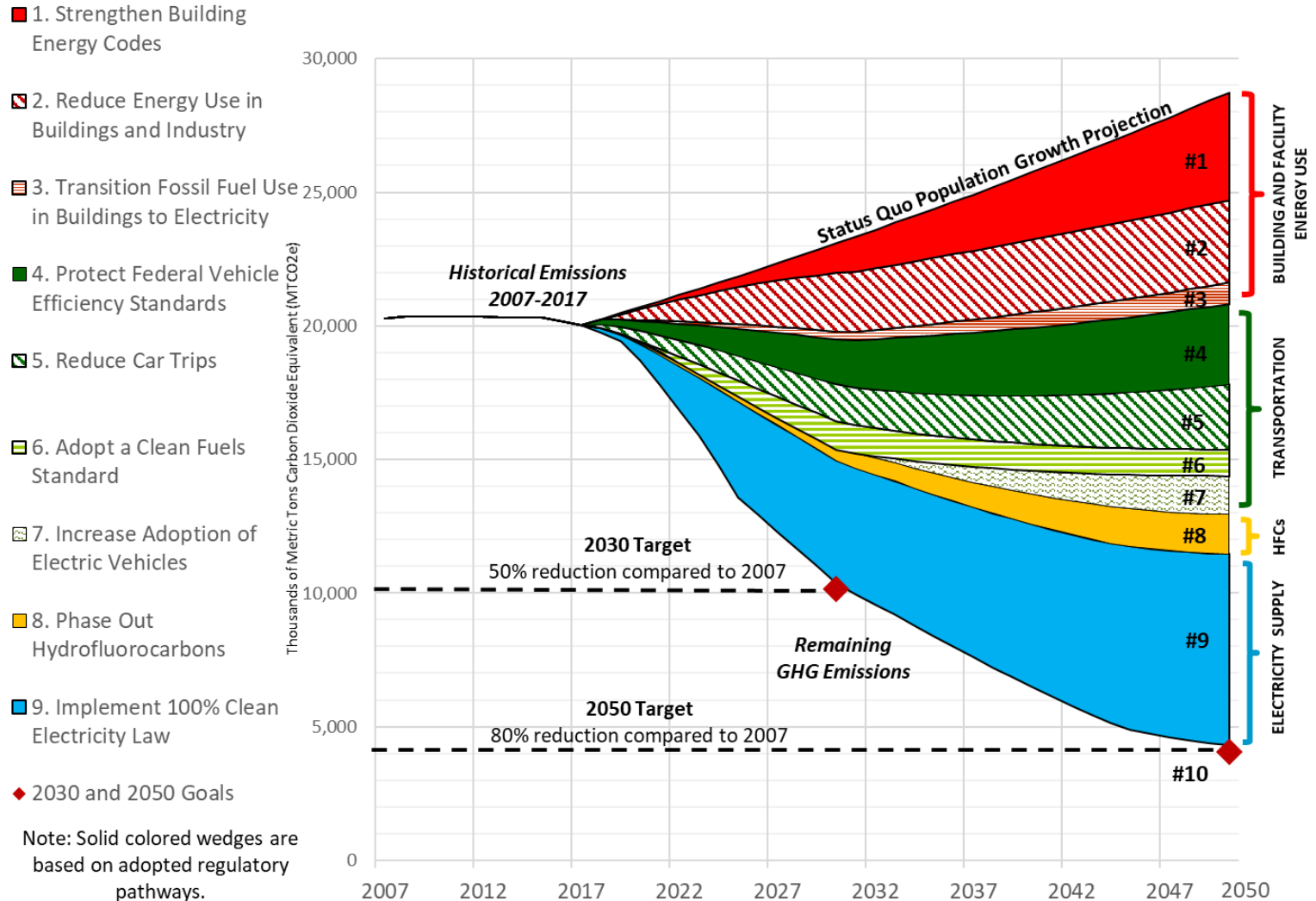
Supporting 2020 SCAP and Carbon Neutral Implementation Plan Goals



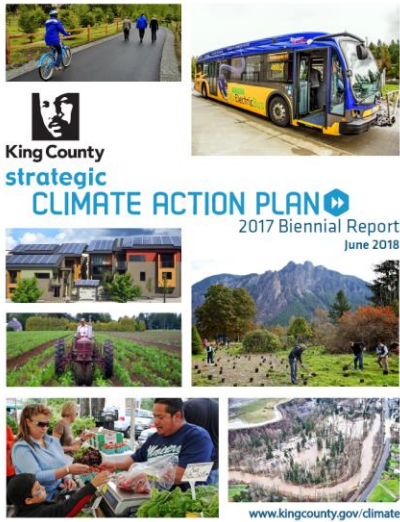
2020 King County Strategic Climate Action Plan Update

Technical Work Supporting the Update: Countywide Analysis

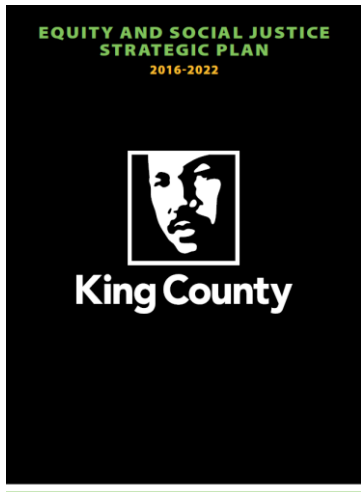
Supporting Shared Near and Long Term Community Scale Climate Goals



2020 King County Strategic Climate Action Plan Update



Equity & Social Justice Strategic Plan



King County INVESTS...



Upstream,
where needs
are greatest,



in
**community
partnerships,**



and in
employees,



with **transparent
and accountable
leadership.**

2020 King County Strategic Climate Action Plan Update

King County Community Engagement Continuum



2020 King County Strategic Climate Action Plan Update

Materials are accessible, in language

Continuously reporting back and getting feedback

Workshops, partnering on priorities & development

Co-developing climate solutions

Supporting community efforts & events

شهر نوفمبر 2018

تغير المناخ لدينا

استشعار المشكلة حول العالم

ثاني أكسيد الكربون هو غاز طبيعي يساعد الكوكب على إبقائه دافئاً لتستمر الحياة على الأرض الكثير من ثاني أكسيد الكربون في الغلاف الجوي للأرض والمحيط يؤدي كوكبنا ويسبب في الاحتباس الحراري يجعلها أكثر دفئاً. هذا ما نسميه بالتغير المناخي

زيادة ثاني أكسيد الكربون في الغلاف الجوي تحدث تغيرات بيئية خطيرة حول العالم تضر بصحة البشر بالإضافة إلى ذلك ، فإن المزيد من ثاني أكسيد الكربون في المحيط يجعل الحياة البحرية صعبة وهذا يعني انخفاض في الأحياء البحرية لبيعها أو أكلها

ماذا يعني تغير المناخ بالنسبة لنا

تغير المناخ سيضر الناس والمجتمعات في جميع أنحاء العالم بشكل مختلف من حيث العمر والجنس والصحة وأين يعيشون اسمهم

الغلاف الجوي

الاحتباس الحراري

سوء نوعية الهواء في سيال

الجفاف في ولاية تكساس

الفيضانات في باكستان

عاصفة الجبار في كينيا

إعصار في بورتوريكو

تزايد ارتفاع درجات الحرارة العالمية

منذ سجل البشر درجات الحرارة في العالم سنوية في عام 1900

الغلاف الجوي

تزايد ثاني أكسيد الكربون

منذ عام 1750

مياه المحيط

التلوث ب ثاني أكسيد الكربون يجعل من مياه المحيط أكثر حموضة مما يمكنه من جعل السمك والحياة البحرية التمو والبقاء على قيد الحياة (التجفاف)



2020 King County Strategic Climate Action Plan Update



Stakeholder Engagement & Topic Based Convenings



Community Presentations & Workshops

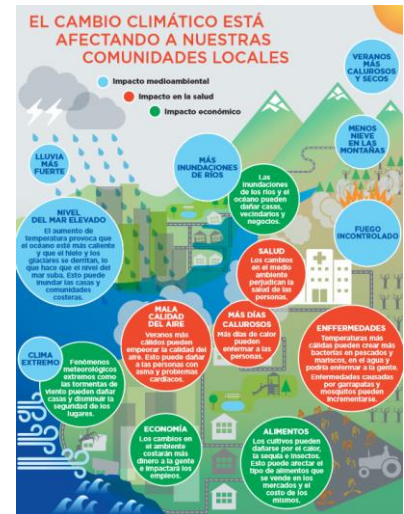
Working with Partners, Stakeholders and Communities

Climate & Equity Community Task Force

Collaborative Workshops

Communicating Climate Change

PUGET SOUND Climate Preparedness Collaborative



Upcoming 2020 SCAP Public Workshops

What are the most important and impactful climate actions the County can take? Where can the County lead? What can we accomplish in partnership?

- **Wednesday, October 2**, 6-8 p.m., Bellevue College, Bellevue, Student Union Building C
- **Saturday, October 12**, 10 a.m. - noon, University of Washington, Seattle, Intellectual House
- **Wednesday, October 16**, 6-8 p.m., Highline College, Des Moines, Student Union Building 8

More info and registration at: www.kingcounty.gov/climate