

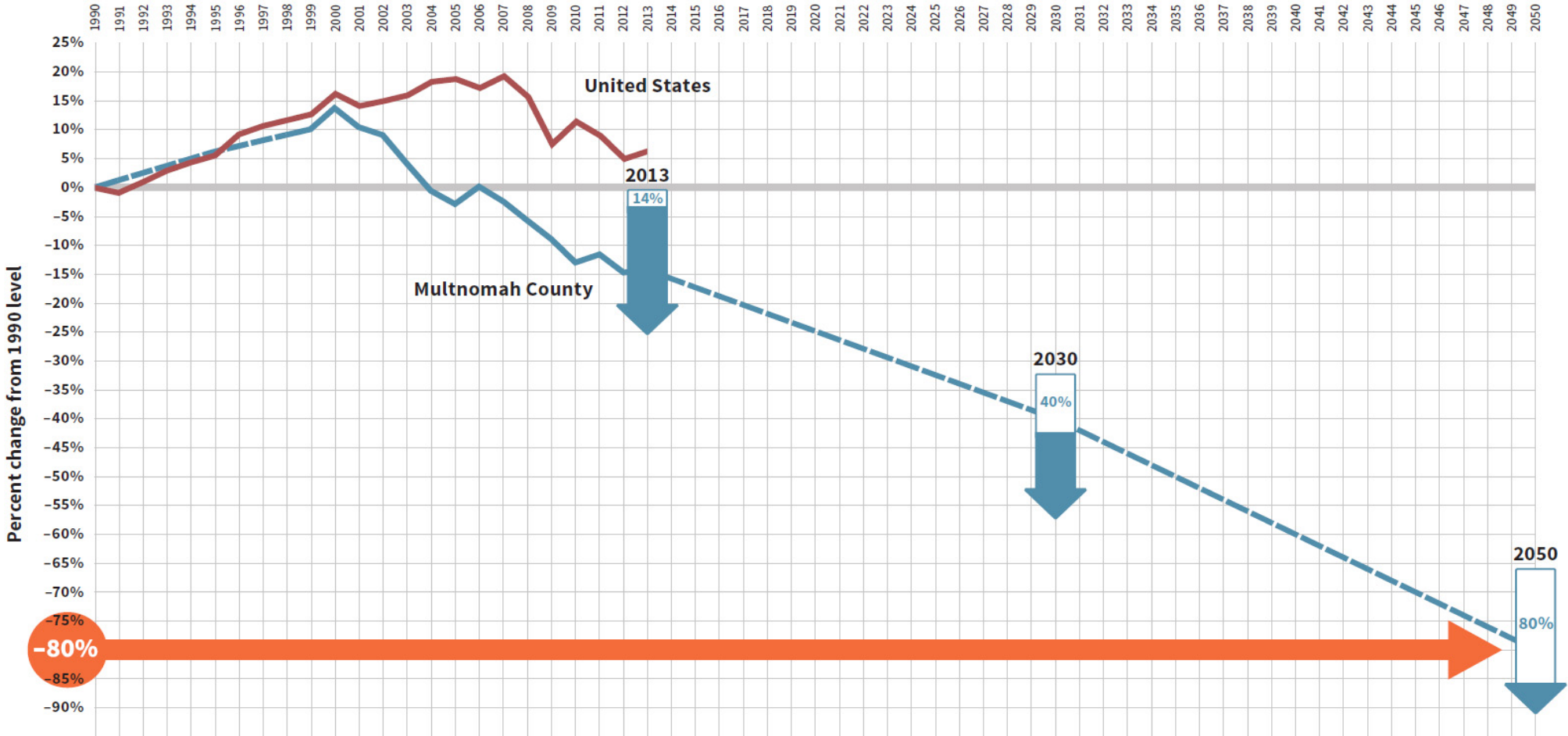


# EV Strategy Update

Ingrid Fish

Portland Bureau of Planning & Sustainability

# PORTLAND CLIMATE ACTION GOALS





# URBAN FORM and TRANSPORTATION

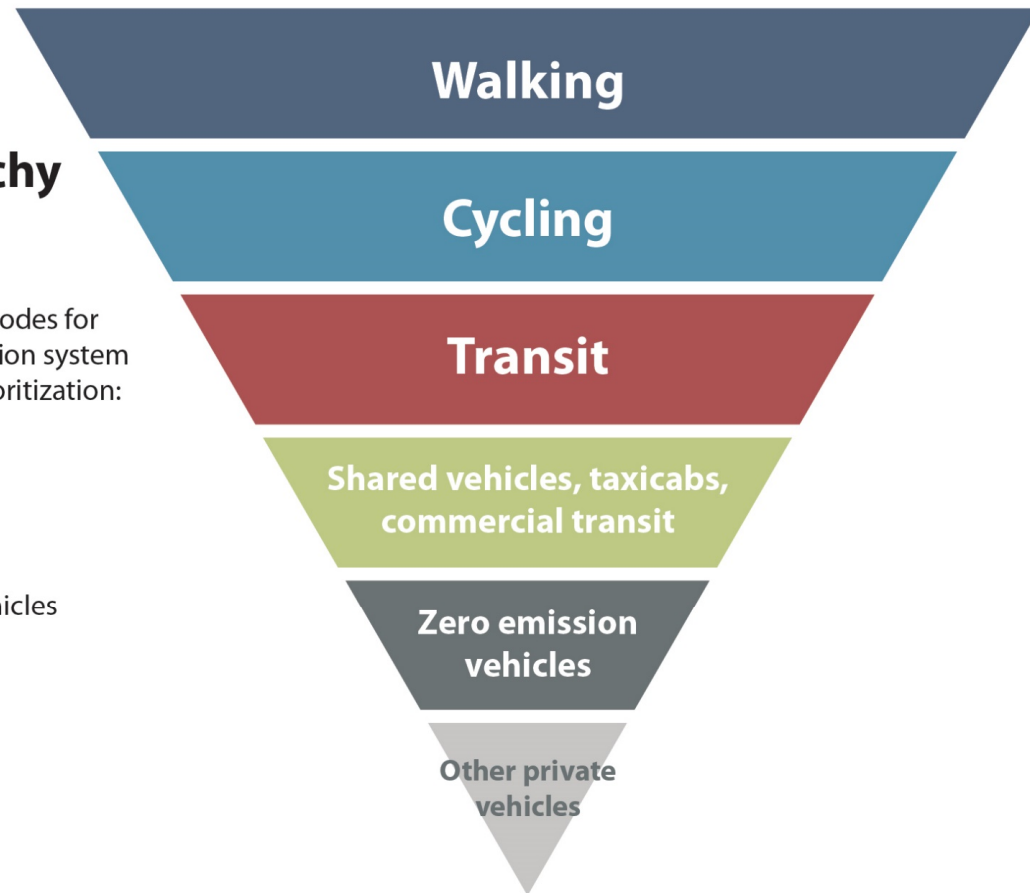


40% of local carbon emissions

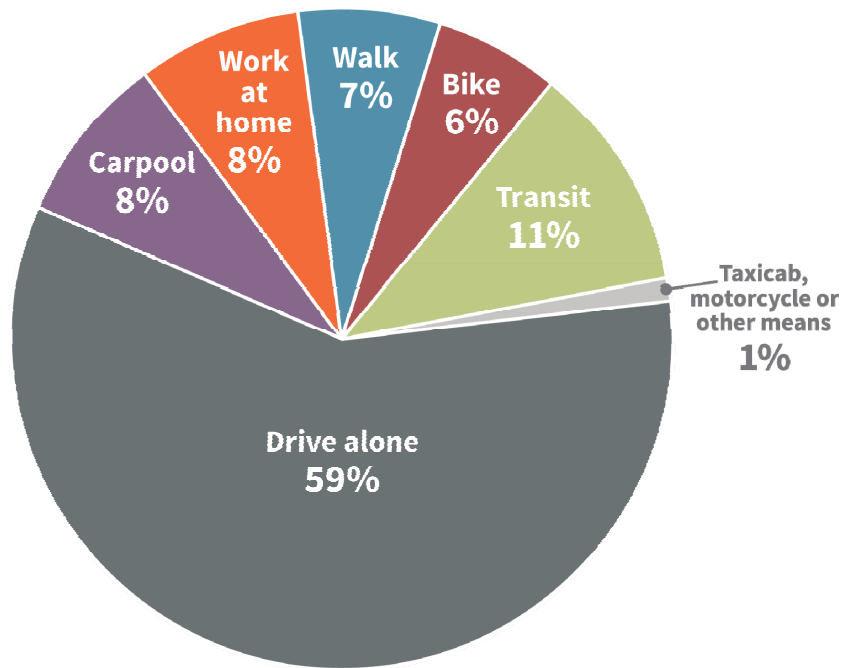
## Transportation hierarchy for people movement

The City will implement a hierarchy of modes for people movement by making transportation system decisions according to the following prioritization:

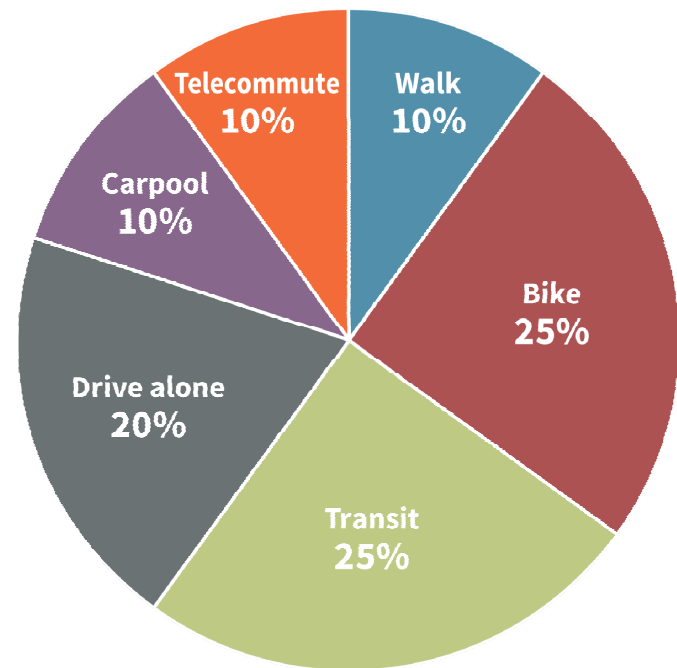
1. Walking
2. Cycling
3. Transit
4. Taxi, commercial transit, shared vehicles
5. Zero emission vehicles
6. Other private vehicles



2012 Work Commute Mode Share



2030 Target Work Commute Mode Share



# EVS ARE THE FUTURE

- All New Cars Zero Emission Vehicles by 2050
- EV Stats:
  - OR: 9,053
  - Metro Region: 6,117
  - Portland: 3,231
- EV Car Sales = Gas Car Sales by 2024





# AVAILABLE EV MODELS



# NEW VEHICLE OPTIONS: BEYOND 2016

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e

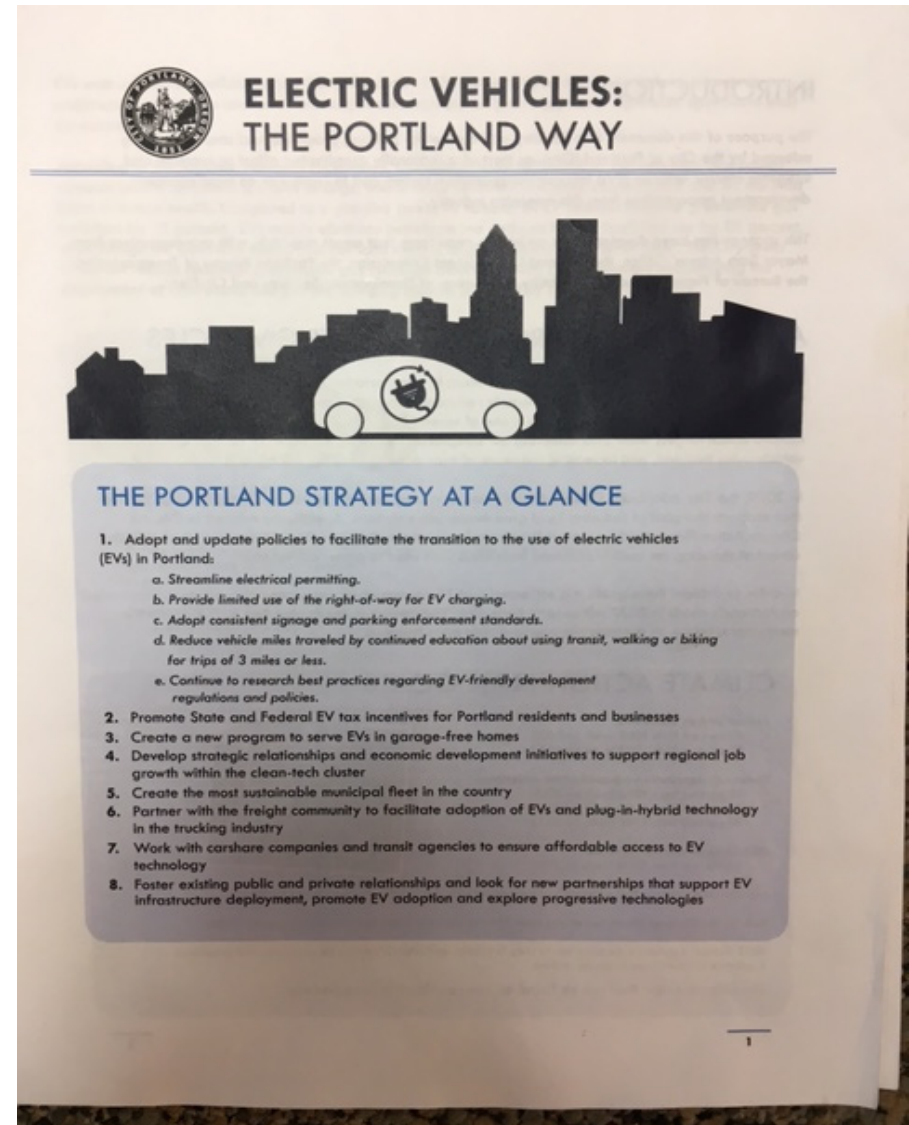


Cost



# TIMELINE and PROCESS

- City EV strategy update
- Research and stakeholder input
- Internal city bureau review
- External stakeholder review
- PSC briefing
- Council approval by end of calendar year 2017.



# SHARED MOBILITY ACTIONS

- Low-income car share pilot projects
- Electrify BIKETOWN
- Incentives to increase electric shared mobility options



# MARKET TRANSFORMATION ACTIONS

- Northwest EV Showcase
- Outreach & education targeted to low-income populations and people of color.
- Electric bike pilot programs targeted to women and low-income communities.



# CHARGING INFRASTRUCTURE ACTIONS

- Develop EV-ready requirements for new construction buildings, especially multifamily buildings.
- Increase the amount of electric charging pods
- Develop public ROW policies and priorities





# FLEET, FREIGHT & TRANSIT ACTIONS

- 30% of City's sedan fleet electric by 2020
- Electrify medium and heavy duty vehicles
- TriMet Electrification Plan



# WHAT WILL THE FUTURE LOOK LIKE?





Questions?