Seattle’s Playbook for Electric and Shared Mobility
Seattle Loves Cars….

**Seattle tops cities in per-capita car ownership**

Among the 10 most densely populated big U.S. cities, Seattle has the most motor vehicles per person.

1. Seattle: 637 cars per 1,000 people*
2. Long Beach: 583
3. Los Angeles: 549
4. Miami: 465
5. San Francisco: 444
6. Chicago: 431
7. Philadelphia: 384
10. New York City: 233

*Includes owned or leased passenger cars, vans and pickup trucks that are kept at home and available for use by household members. Vehicles used exclusively for business, or not in working order, are excluded.

Source: U.S. Census, 2015

AMANDA E. WELCH / THE SEATTLE TIMES
Rise of TNCs

- 20.4 million trips per year
- 46% growth in trips between 2016 and 2017

Sources: “Can traffic sensors detect vehicle cruising?”, 2017. Seattle DOT and Data Science for Social Good.
Transportation pollution

- Seattle has a goal to become a carbon neutral city by 2050 - over two-thirds of our carbon footprint comes from transportation-related pollution
- Seattle City Light – our municipal electric utility – has provided carbon neutral electricity since 2005
What is SDOT doing now?

• Published a New Mobility Playbook
• Launching and learning from curbspace pilots
• Electrifying shared mobility hubs
• Encouraging investment in Electric Vehicle Chargers in the Public Right-of-Way (EVCROW)

–and–

• Creating an EVSE siting model with regional stakeholders
SDOT’s Curbside Charging Pilot (EVCROW)

- Allows organizations to apply to install curbside chargers in the public right-of-way
- Goal: Dramatically increase the number of publicly-available EV chargers in the City of Seattle
DOE Grant: Electrifying Shared Mobility*

**Seattle Dept. of Transportation**

- Seattle, Washington
- **Strategy:** Increase EV charging access and awareness at or near Shared Mobility Hubs.
- **Key Partners:** ReachNow, Eluminocity, Seattle City Light, Western Washington Clean Cities Coalition

**City of New York**

- New York, New York
- **Strategy:** Provide EVs and supporting charging infrastructure to ride-hailing vehicle fleets.
- **Key Partners:** EVgo, General Motors/Maven, NYC Mayor’s Office of Sustainability, NYC DOT, NYC Taxi & Limousine Commission

**City and County of Denver**

- Denver, Colorado
- **Strategy:** Provide EVs directly to ride-hailing drivers and supply charging infrastructure.
- **Key Partners:** General Motors/Maven, EVgo, American Lung Association in Colorado

**Forth**

- Portland, Oregon
- **Strategy:** Promote EV use to transportation network company (TNC) drivers coupled with access to free, unlimited charging.
- **Key Partners:** Uber, Portland General Electric, Brink

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Thank you!

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