PILOT: Phase 2 program framework

Metro Council Work Session

November 12, 2019

Metro

Our purpose today:

To update Council on lessons learned from the first round of the Partnerships and Innovative Learning Opportunities in Transportation (PILOT) program to date and receive feedback on the next phase of the program.

Emerging technologies

Automated vehicles (AVs)

Connected vehicles (CVs) and CV infrastructure

Electric vehicles (EVs)

Ride-hailing

AV/EV transit vehicles

Microtransit

Car share

Bike / scooter share

Travel information and payment

New data sources

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Why PILOT?

How do we meet our regional transportation goals?

How should we approach emerging technology?

How do we guide innovation?

PUBLIC REVIEW DRAFT

2018 Regional
Transportation Plan

A blueprint for the future of transportation
in the greater Portland region

June 29, 2018   oregonmetro.gov/rtp

PUBLIC REVIEW DRAFT

2018 Regional Transportation Plan

Emerging Technology
Strategy

A strategy for guiding innovation to support
the greater Portland region's goals

June 25 2018   oregonmetro.gov/rtp

Partnerships and
Innovative
Learning
Opportunities in
Transportation

Guide innovation toward advancing equity and improving travel options

Develop information and partnerships

Emerging tech policy priorities

Choices
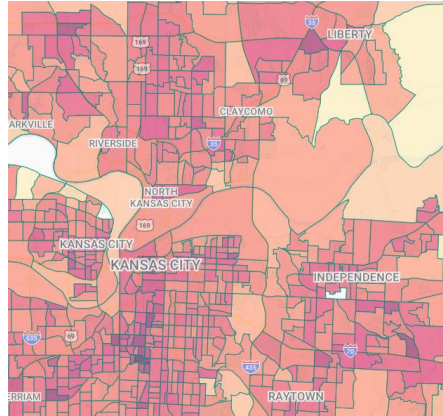

Equity

Information

Innovation

Metro's two-year emerging tech plan

PILOT program fosters partnerships and firsthand information / experience

New data and tools to plan for and manage emerging tech

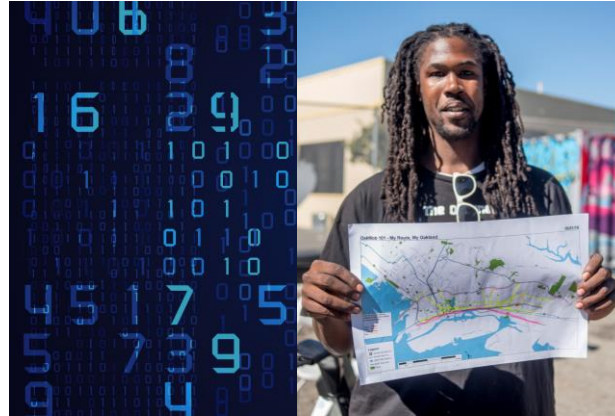**Regional policy coordination** on new mobility options

State and federal policy advocacy to maintain local and regional authority to do what's best for the public

PILOT program goals

Goal 1: Test new approaches to improving shared, active, and equitable transportation using emerging tech

Goal 2: Collect information to understand results, benefits, and challenges

Goal 3: Develop partnerships across sectors that lay the groundwork for future success

PILOT program structure

Approved by Metro Council in July 2018:

- Total funding available: $150,000
- Amount applicants are allowed to request: $25,000-$150,000
- Eligible applicants: Teams consisting of public agencies, non-profits, and/or private companies.
- Grant period: Two years, from July 2019 through June 2021
- Funding source: Metro General Fund
- Selection process: hold pre-applications to vet potential projects, projects recommended by external panel (with Council representation) and approved by COO

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100 people at the launch event
32 letters of interest
9 applications requesting **$541k**
4 grants totaling **$150k**

2019 PILOT projects

Project partners	Project name / description	Grant amount
APANO, ROSE CDC, PBOT, various companies	New Mobility at the Orchards of 82nd: Provide Jade District residents with accounts that they can use to pay for transit and a variety of new services, as well as education to help them access new modes.	$30,000
Latino Network, Uber, TriMet	Latinx Ride Share Promotion: Provide ride-hailing credits and travel assistance to help Latinxs reach educational programs and services at locations throughout the region	$55,000
OPAL, Portland Transport, Rosewood Initiative	East Portland Transit Appliance: Install screens displaying real-time information on transit arrivals at community locations in East Portland near lines with increased transit service	$30,000
Ride Connection, Full Path, Trillium Transit	Trip Planning for All: Develop a trip planning tool that provides information on demand-response / special needs transportation services in the region	$35,000

What we heard from participants

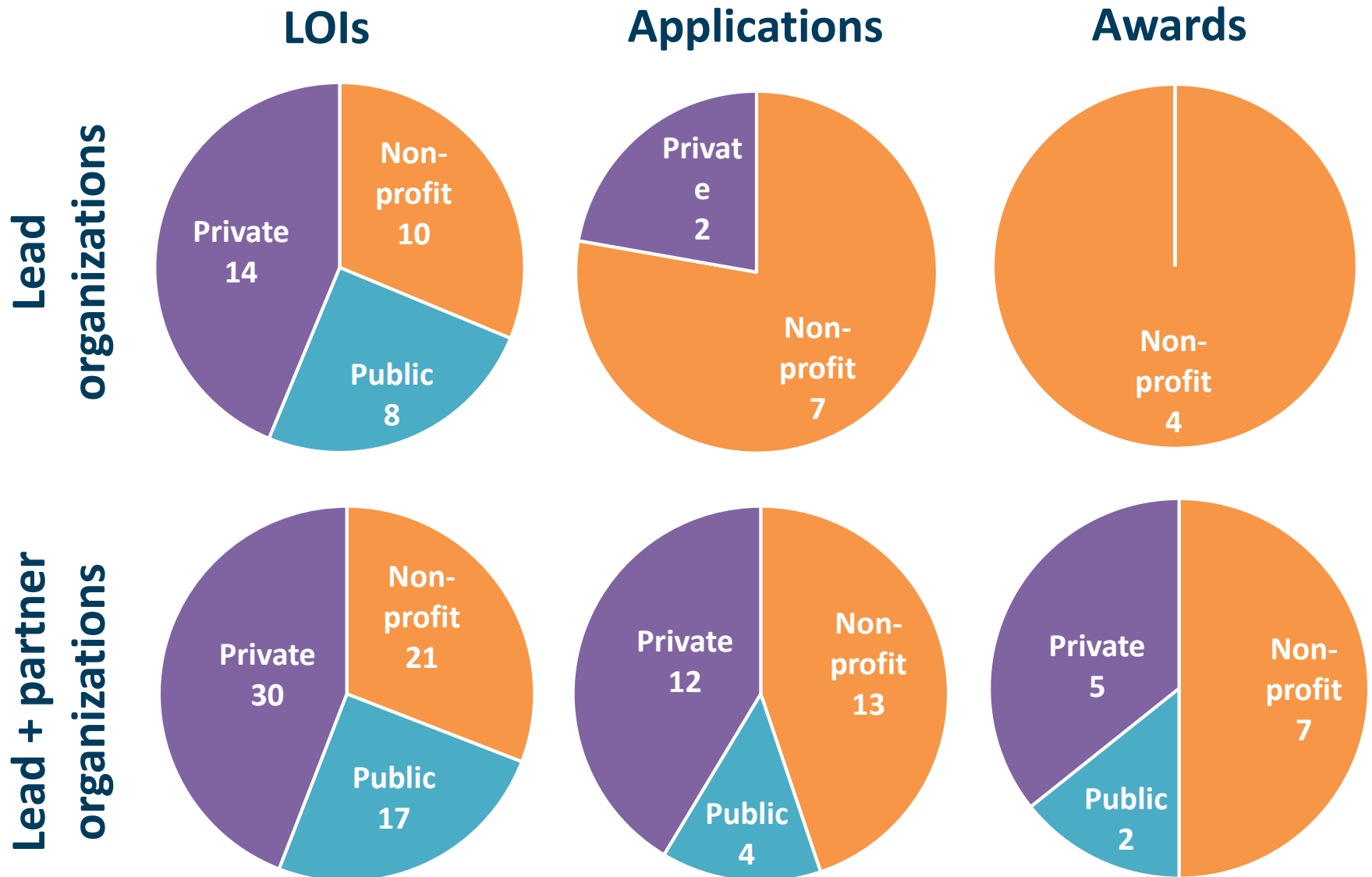"The program was well-organized and each stage of the grant was carefully planned out."

"Interested parties appreciated Metro facilitating matchmaking opportunities and connecting community based organizations with private companies"

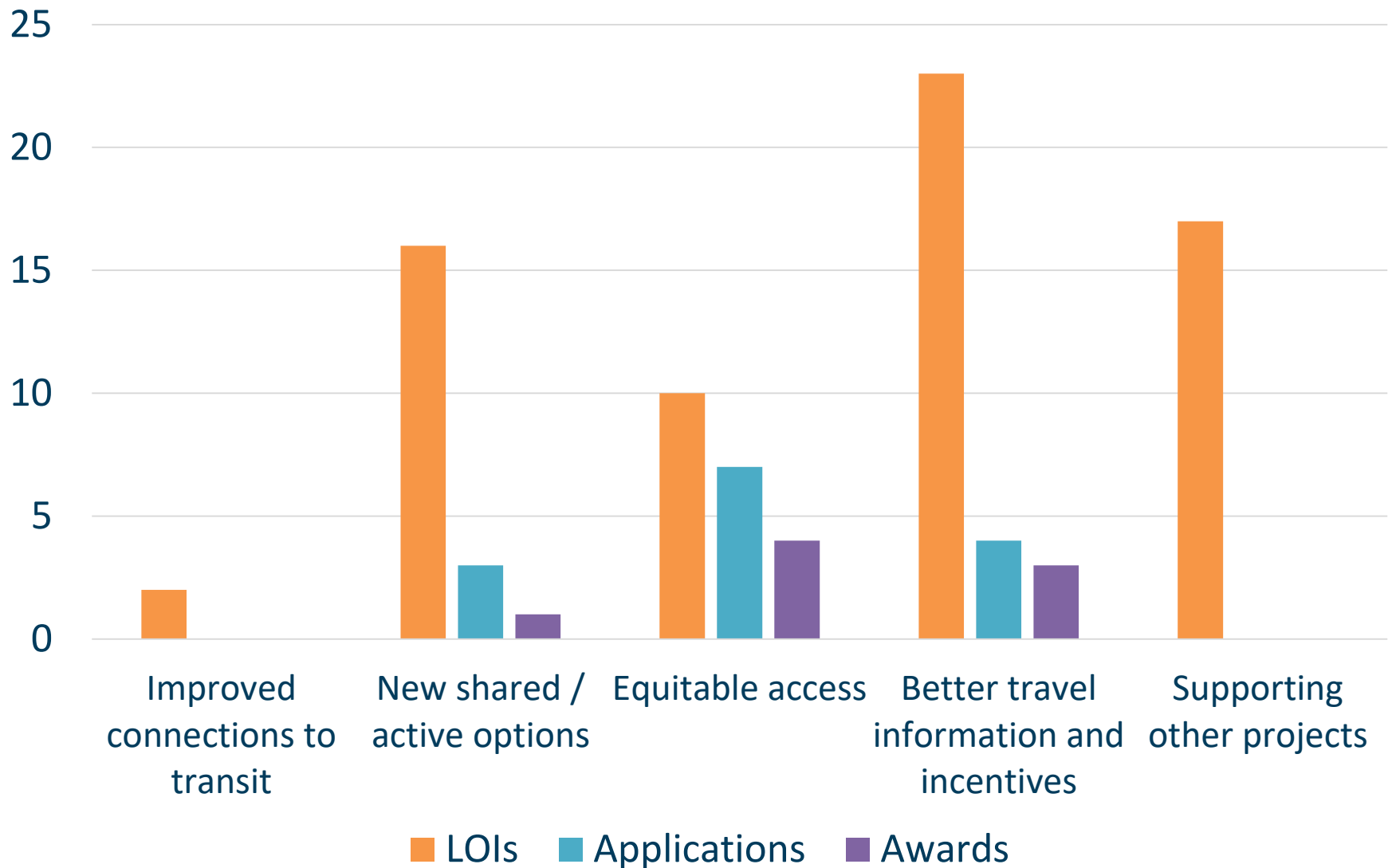"Metro valued the expertise of community based organizations."

"Panelists weren't clear on Metro's intended balance between innovation and equity."

"Metro could be more explicit about the types of communities they are trying to serve with the PILOT program."

Who engaged with the program?

	LOIs	Applications	Awards

Lead organizations

LOIs: Non-profit 10, Public 8, Private 14

Applications: Private 2, Non-profit 7

Awards: Non-profit 4

Lead + partner organizations

LOIs: Non-profit 21, Public 17, Private 30

Applications: Private 12, Public 4, Non-profit 13

Awards: Private 5, Public 2, Non-profit 7

What outcomes were projects trying to achieve?

Bar chart showing outcomes across five categories with LOIs, Applications, and Awards:

- Improved connections to transit: LOIs 2
- New shared / active options: LOIs 16, Applications 3, Awards 1
- Equitable access: LOIs 10, Applications 7, Awards 4
- Better travel information and incentives: LOIs 23, Applications 4, Awards 3
- Supporting other projects: LOIs 17

Legend: LOIs, Applications, Awards

What we heard from local partners

- Over half have tech-related projects planned in the coming two years, and many others have planning activities

- The main challenges include lack of resources and capacity

- The most useful types of support that Metro can provide are funding, partnership building, and data sharing

Did we meet our goals?

Goal	Successes	Opportunities to improve
Advance equity and transportation choices	Equity	Choices
Form partnerships	Non-profit / private	Public agency partners
Support work across the region	2 regional projects	No local projects outside of Portland
Leverage resources	$95K in match	Aligning with partner projects, reducing partnership risks
Engaging / equitable process	Formed new partnerships and fostered engagement	Hard to understand what Metro wants

Options for phase 2

	Option 1: Stay the course	Option 2: Expand the program
Who	Mostly non-profits and private companies	Non-profits, private companies, public agencies
What	Equitable access to current transportation options	Equitable access to current options and new options that improve transportation choices
Where	Primarily city of Portland, some regional projects	Communities throughout the region
How	Competitive grants	Competitive grants or other approaches...

What "other approaches" are there?

SACOG (Sacramento) Regional Bike Share RFP

- 3 cities propose bike / scooter share ideas and service areas
- SACOG compiles these into a single RFP and helps administer it
- Each city gets 50 shared ebikes / scooters

Potential ways to expand PILOT

- Increasing the program budget
- Making other administrative changes:
    - Increasing minimum grant size
    - Strengthening partnership requirements
    - Being more prescriptive about eligible project types
    - Changing the program structure from a grants to a collaborative solicitation model
    - Putting more resources into developing potential projects

Questions for Council

- What priorities do you have for:
    - Who this program engages?
    - What type of projects it supports?
- Should we focus on:
    - Cultivating new ideas and partnerships – even if they aren't "shovel-ready?" or
    - Developing projects that can be implemented quickly and successfully?

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