



Overview of Shared Micromobility in Kelowna

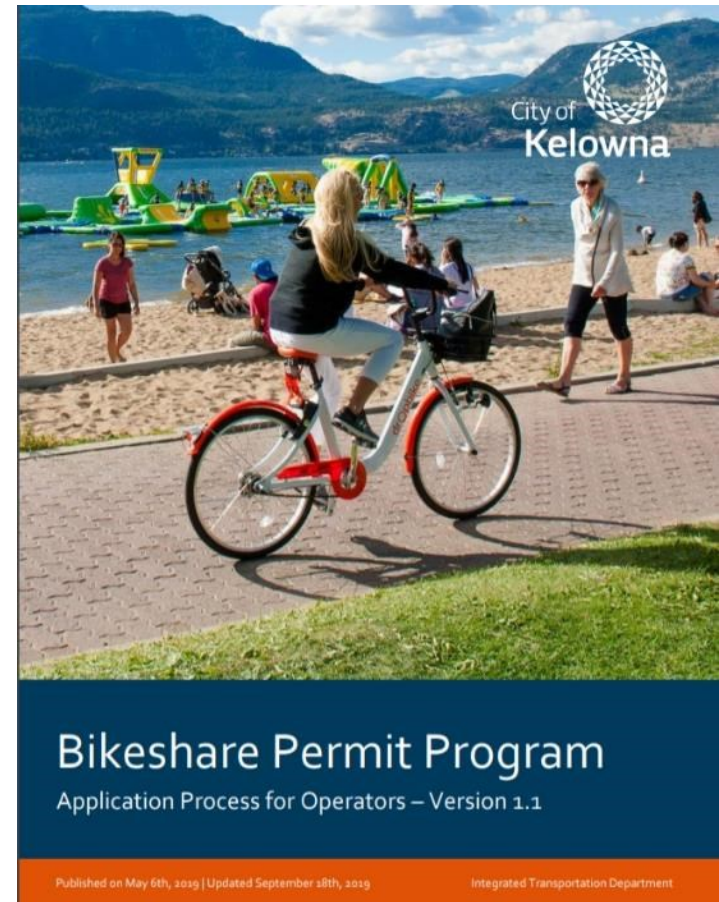
June 15th 2020

Bikeshare (Micromobility) Permit Program

Permit holders granted the ability to use the public right of way

After 1 year:

- ▶ 5 companies hold permits
- ▶ 3 vehicles types permitted to be delivered as a shared service
 - ▶ E-bike, e-moped and e-scooter



Implications of Restricting E-scooters on the Waterfront Walkway

► Overview:

- Pedestrian safety
- Waterfront Walkway's role in the bicycle network
- Approach to new vehicle types
- Geofencing: limitations and safety
- Potential and additional actions for council consideration



Pedestrian Safety

- ▶ Factual and experiential safety concerns
- ▶ Shared e-scooters are just as safe as bicycles
- ▶ No injuries reported related to shared e-scooter use in Kelowna
- ▶ 99% of pedestrian injuries linked to crashes with cars and trucks in Kelowna

 International
Transport Forum |  CPB
Corporate Partnership
Board



Safe Micromobility



Corporate Partnership Board
Report

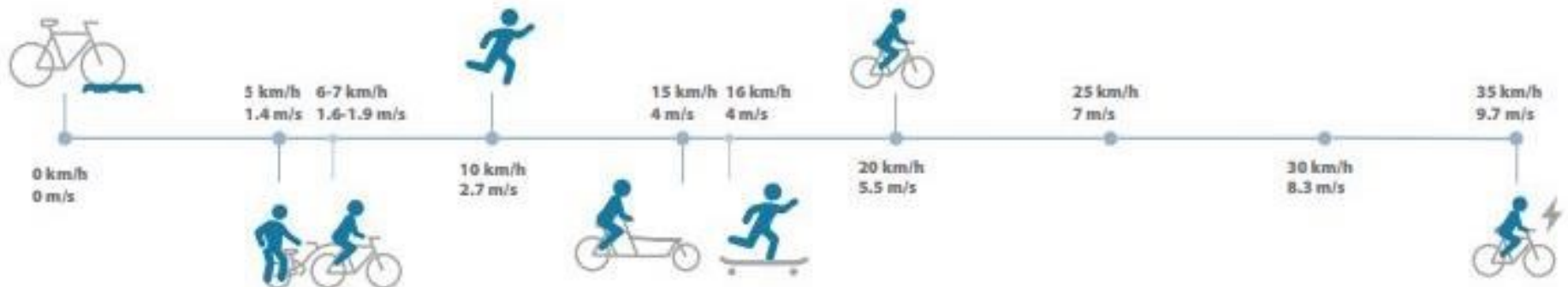
Waterfront Walkway's Role in the Bike Network

- ▶ Assessment derived from how vehicles similar to e-scooters use the Waterfront Walkway
- ▶ Strong reliance on the Waterfront Walkway as the spine for the bicycle network
- ▶ Only north-south continuous bicycle facility of any kind across downtown Kelowna



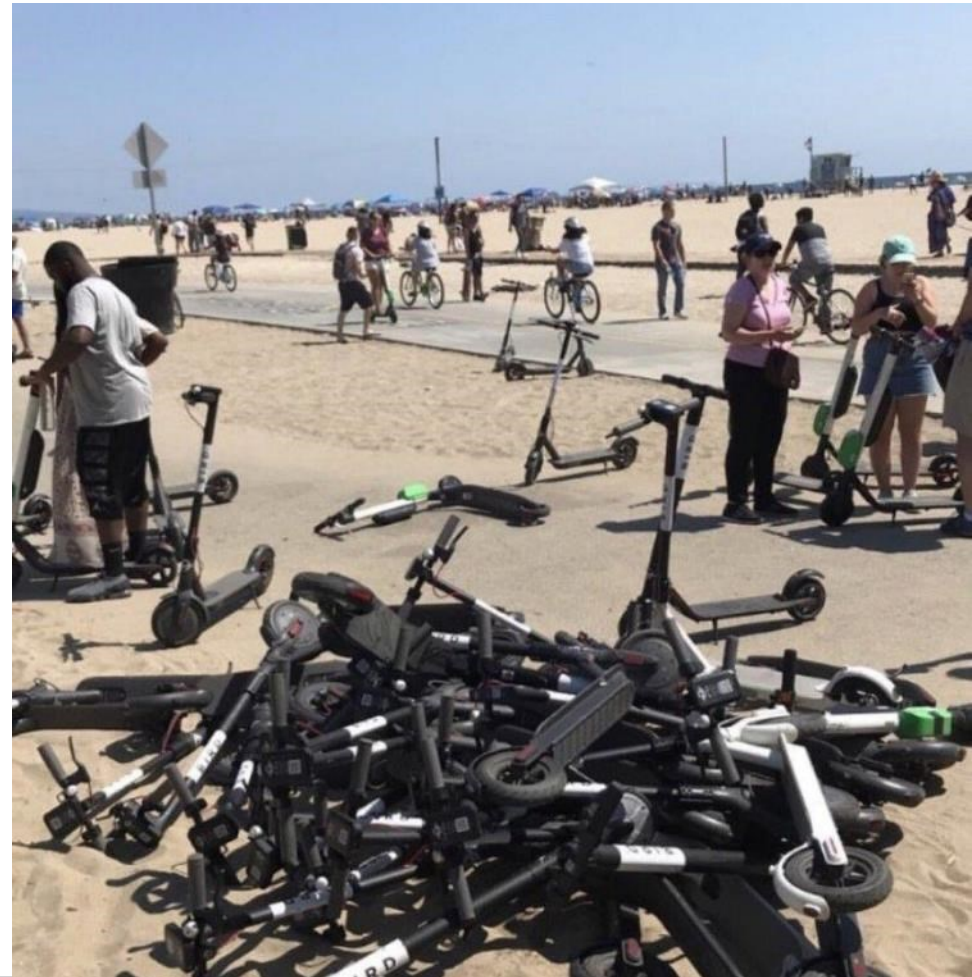
Regulating New Vehicle Types

- ▶ Flexible to new vehicle types
- ▶ Group similar vehicles together
 - ▶ Weight
 - ▶ Speed
 - ▶ Operating Envelope



Geofencing: Limitations and Safety

- ▶ What is geofencing?
- ▶ Learnings from 2019 about geofencing
- ▶ Best practices for geofencing
 - ▶ Mitigating public disorder and safety challenges



Potential Actions

1. Implement a low-speed zone for shared e-scooters on the Waterfront Walkway and temporary Bernard closure
 - ▶ 10 km/h digital speed limit
 - ▶ Monitor impacts
2. Ban e-scooters from the Waterfront Walkway
 - ▶ Amend the Parks and Public Spaces Bylaw
 - ▶ Potential to impair the viability of shared e-scooters
 - ▶ Potential to create safety and public disorder challenges



Additional Actions

1. Improve In-App Education
2. Improve Rider Education in Person
3. Educational Campaign Related to E-scooter Education
4. Educational Campaign Related to Shared Pathways



ELECTRIC SCOOTERS
Be informed. Be safe.

Before you hop on, know the rules of the road.

- Wear a helmet. State law requires it.
- Sidewalk riding is prohibited. Ride in the bicycle lane or vehicle lane.
- Yield to people walking, biking and people with disabilities.
- Don't ride in Portland Parks.
- Don't ride while under the influence of intoxicants. It's against the law and may result in a DUII.
- One person per scooter.
- Don't bring scooters on buses, MAX, and Streetcar.
- Park scooters with care. On the sidewalk, close to the curb. Don't block the sidewalk, bike lane, or vehicle lanes.

For More Information: 503-823-7483
E-scooter@portlandoregon.gov
portlandoregon.gov/transportation/e-scooter

PBOT is committed to providing meaningful access. For accommodations, modifications, translation, interpretation or other services, please contact 503-823-5185.



Other Considerations

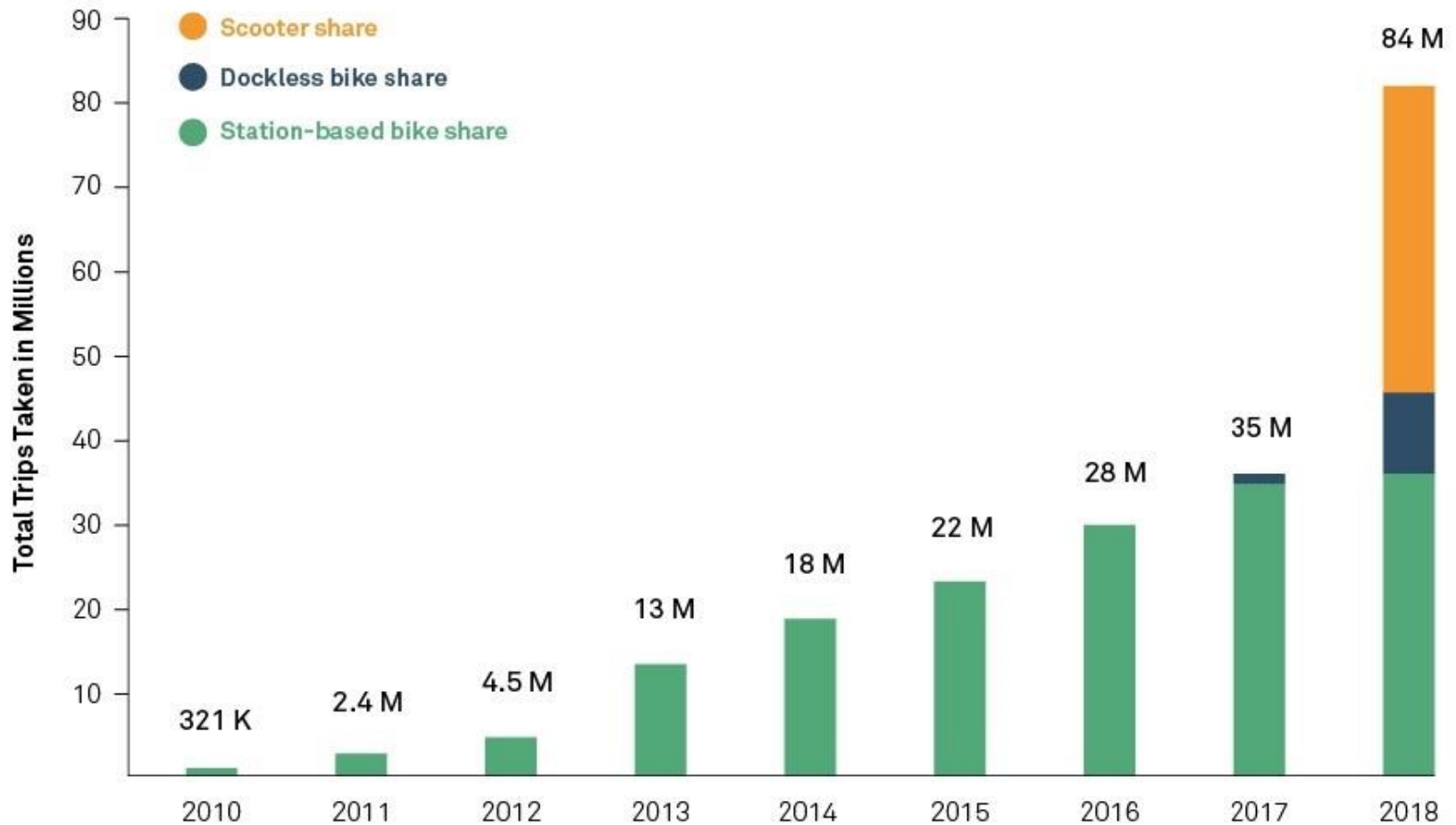


Data Driven Decision Making

- ▶ Data requirements
- ▶ Integration with third-party applications
- ▶ Open Mobility Foundation membership

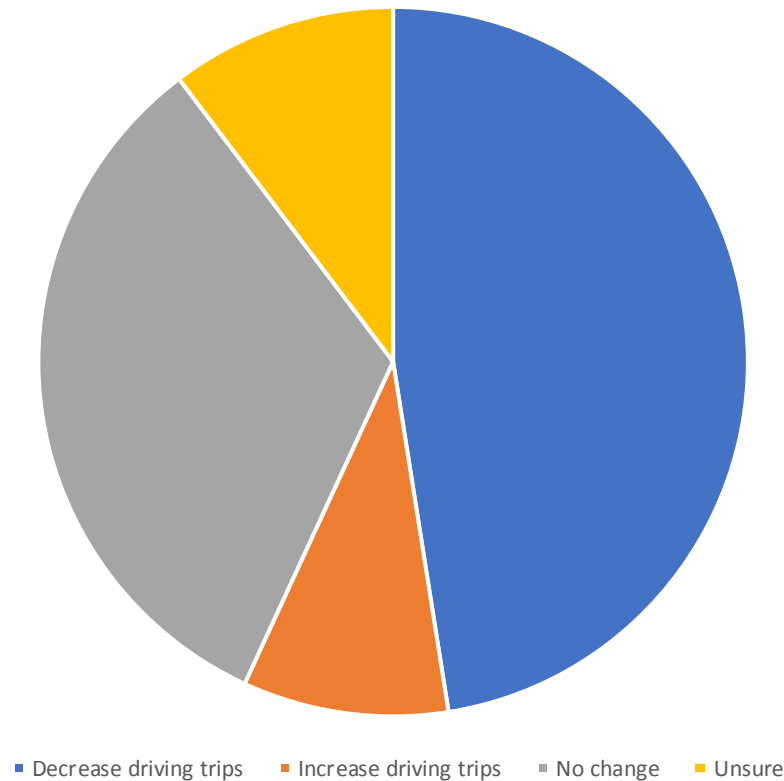


Potential for Pedal Bikeshare



Shared E-scooter User's Perspective

Would having shared e-scooters available citywide increase or decrease the number of driving trips you make?



Conclusion

- ▶ Potential Actions for council consideration
- ▶ Additional Actions related to educating riders and the public
- ▶ Provincial MVA Pilot Project
- ▶ Potential to allow e-scooters to be ridden like bicycles
- ▶ Monitoring and adapting based on public health requirements for COVID-19
- ▶ Reconstructing much of the Waterfront Walkway within City Park
 - ▶ First phase slated for completion in 2021

Questions



City of Kelowna