

# E-Bike Share Pilot

Presented April 16, 2019



# Vision

- A shared e-bike pilot for the North Shore.





# Transportation Goals



- Increase mobility for a wide range of residents, employees and visitors
- Decrease barriers to cycling
- Increase cycling mode share
- Decrease SOV use

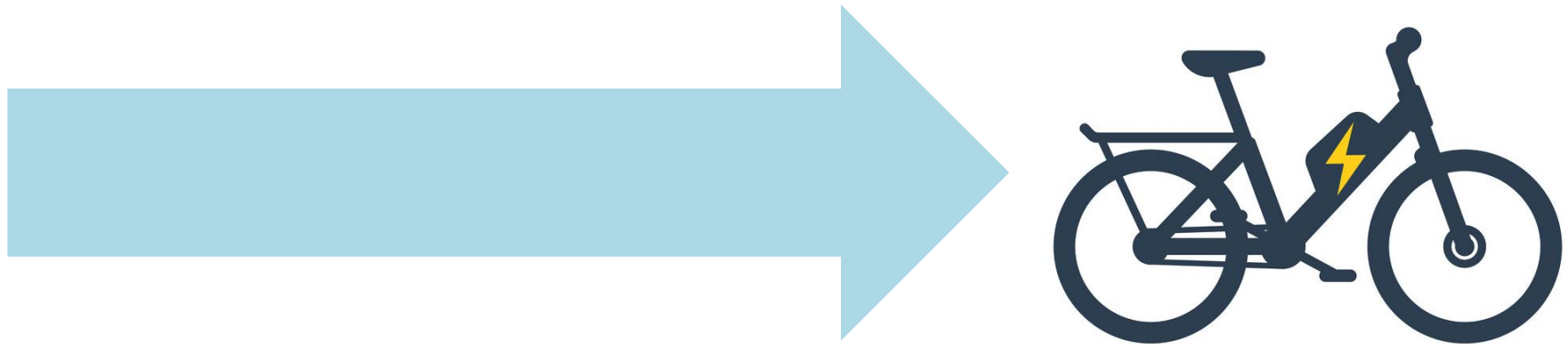
# Additional Benefits



- Economic development
- Enhanced tourist experience
- Improved first and last mile connections to transit
- Data to inform future infrastructure investments

# Launch Timeline

- Engagement & Research: Winter 2018/19
- RFP Process: March-April 2019
- Stakeholder Engagement: Spring 2019
- Target implementation in Summer 2019





# Key RFP Considerations

- Public realm management
- Enhancing mobility
- User-friendliness
- Safety
- Equity
- Data



# Service Area

- Locations asked to be Included:

## CNV

- Lonsdale Quay
- LL BIA
- Lions Gate Hospital
- Civic Plaza
- Park and Tilford
- Harbourside
- Spirit Trail

## DNV

- Edgemont Village
- Lynn Valley Town Centre
- Lions Gate Village
- Capilano University
- Lynn Creek Town Centre
- Spirit Trail

## DWV

- Park Royal
- Ambleside Town Centre
- WV Community Centre
- Dundarave Village
- Spirit Trail



# On the Ground – Haven Examples





# System Management



# Pilot Timeline

- Launch: **Summer 2019**
- Evaluation + Engagement: **Ongoing**
- Long-Term Process Implementation: **Fall 2020**



**2020 +  
Beyond**



# Questions?

# Metro Vancouver Precedents

| Municipality      | Operator           | Launch Date       | System Type                  | Procurement   | Fleet Size     |
|-------------------|--------------------|-------------------|------------------------------|---------------|----------------|
| Vancouver         | Mobi<br>(CycleHop) | July 2016         | Station-based,<br>City owned | RFP           | 200-<br>2,000  |
| Richmond          | U-Bicycle          | October 2018      | Virtual stations             | RFP           | 200-470        |
| Port<br>Coquitlam | U-Bicycle          | September<br>2018 | Virtual stations             | Pilot license | 58             |
| Port Moody        | U-Bicycle          | August 2018       | Virtual stations             | Pilot license | 36             |
| UBC               | DropBike           | August 2018       | Free-floating<br>hybrid      | RFP           | Up to<br>2,000 |

