Oregon’s Road Usage Charge Program
What’s next?

Washington State Transportation Commission
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Maureen Bock
OReGO Program Manager
Chief Innovation Officer
Oregon Department of Transportation
Current Work
Implement the enhanced registration exemption

Policy Goals

• Collect revenue equitably
• Increase public understanding of the transportation funding problem
• Build appreciation for the road charge solution
• Expand OReGO to learn how to manage a larger program
### Fiscal analysis underlying HB 2881

<table>
<thead>
<tr>
<th>Registration Fee Exemption Scenario</th>
<th>Net Revenue to Highway Fund (Biennium)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20-21</td>
</tr>
<tr>
<td>20+ MPG Vehicles</td>
<td>- $1,631,212</td>
</tr>
<tr>
<td>30+ MPG Vehicles</td>
<td>- $121,406</td>
</tr>
<tr>
<td>40+ MPG Vehicles</td>
<td>$24,568</td>
</tr>
</tbody>
</table>
Change in Revenue Position from Exempting 40+ MPG Vehicles from Enhanced Registration Fee (projected based on simulation enrollment)

Net RUC Revenue Gained
Fuels Tax and Vehicle Registration Revenue Lost
Increased Net Revenue to Highway Fund

2020 2021 2022 2023 2024 2025

$0  $200,000  $400,000  $600,000  $800,000  $1,000,000  $1,200,000  $1,400,000  $1,600,000  $1,800,000  $2,000,000
Explain the options

Enroll in OReGO

Pay base registration, but NOT the surcharge
Promote EV adoption

Executive Order 17-21
• Work with ZEVIWG & OEVC
• Revitalize the WCEH
• Promote EV enrollment in OReGO in lieu of the registration surcharge (2017)
• Explore point of sale enrollment (2019)
Differentiate RUC from other funding methods

- All users pay the base rate
  *Similar to fuel taxes*
- Not variable by time of day
  *Unlike congestion pricing*
- Applicable to entire system
  *Unlike tolling*
Deal with enforcement
Engage the public
KEEP OREGON connected
Infographics

AFTER 2020, 70 BRIDGES will become structurally deficient each year.

WITHOUT AN INCREASE IN FEDERAL FUNDING, state road funds will decrease by 30% in 2020.

Oregon has 74,000 miles of highways, streets, and roads and 8,000 bridges to preserve and maintain.

The cost to rebuild one mile of one lane can cost up to $1.5 MILLION. Early preservation techniques for the same lane mile only cost $200,000.
QUESTION:
What is the condition of the Oregon transportation system?

WHEN YOU KNOW THERE’S A PROBLEM, IT’S BETTER TO FIX IT BEFORE IT GETS WORSE.

One solution:
OREGO
The nation’s first road usage charge program.

OREGO OFFERS A SUSTAINABLE AND FAIR FUNDING SOURCE.

Increased maintenance and preservation investments are necessary to keep these older facilities safe and operational.

Many key transportation facilities are 60 to 80 years old.

By 2020, close to 70 bridges are expected to become structurally deficient each year.
What’s next?
Interoperability demonstration
Test clearinghouse requirements
Evaluate RUC for local governments

- Static and variable rates
- Layered options
- Corridor options
Connected vehicle ecosystem
Connected vehicle ecosystem - RUC

**CVE**
- Ingests data
- Aggregates data
- Validates
- Applies business logic
- Reports data

**ODOT Administration**
- Monitoring & reporting
- Resolving issues & inquiries
- Managing participants
- Accounting
- Collecting RUC revenue
- Generating business rules

**Clearing house**
- Collecting data
- Processing reports
- Communicating with business partners

**Business Partner**
- Setting up & managing accounts
- Managing claims
- Collecting RUC funds
- Reporting RUC revenue & remitting funds
Connected vehicle ecosystem - ITS

Weather incident reporting, curve warning

Connected traffic signals
Blockchain clearinghouse model
Share the mobility marketplace vision

- Provide technology solutions
- Administer accounts
- Provide interoperability
- Deliver an integrated user experience
Questions?

Maureen Bock
OReGO Program Manager
Chief Innovation Officer
Maureen.Bock@state.or.us
MyOReGO.org
KeepOregonConnected.org