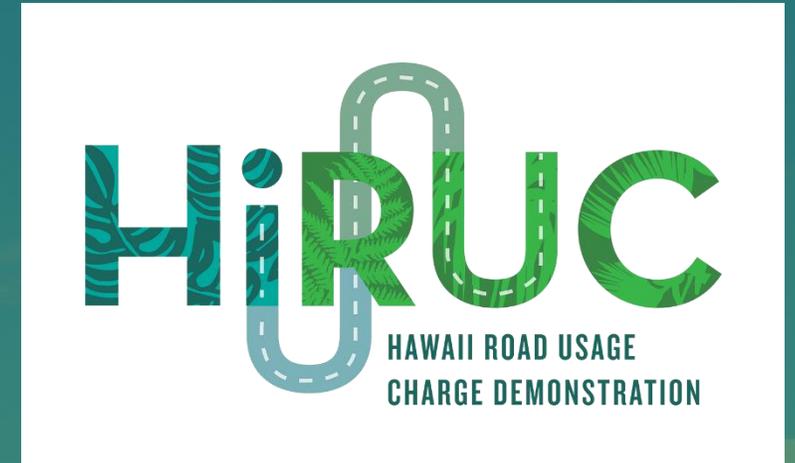
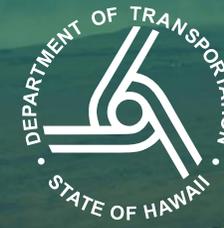


Hawaii Road Usage Charge Demonstration



Presentation to
Oahu Metropolitan Planning Organization



Scot Urada
Project Manager
Hawaii Department of Transportation

July 17, 2019

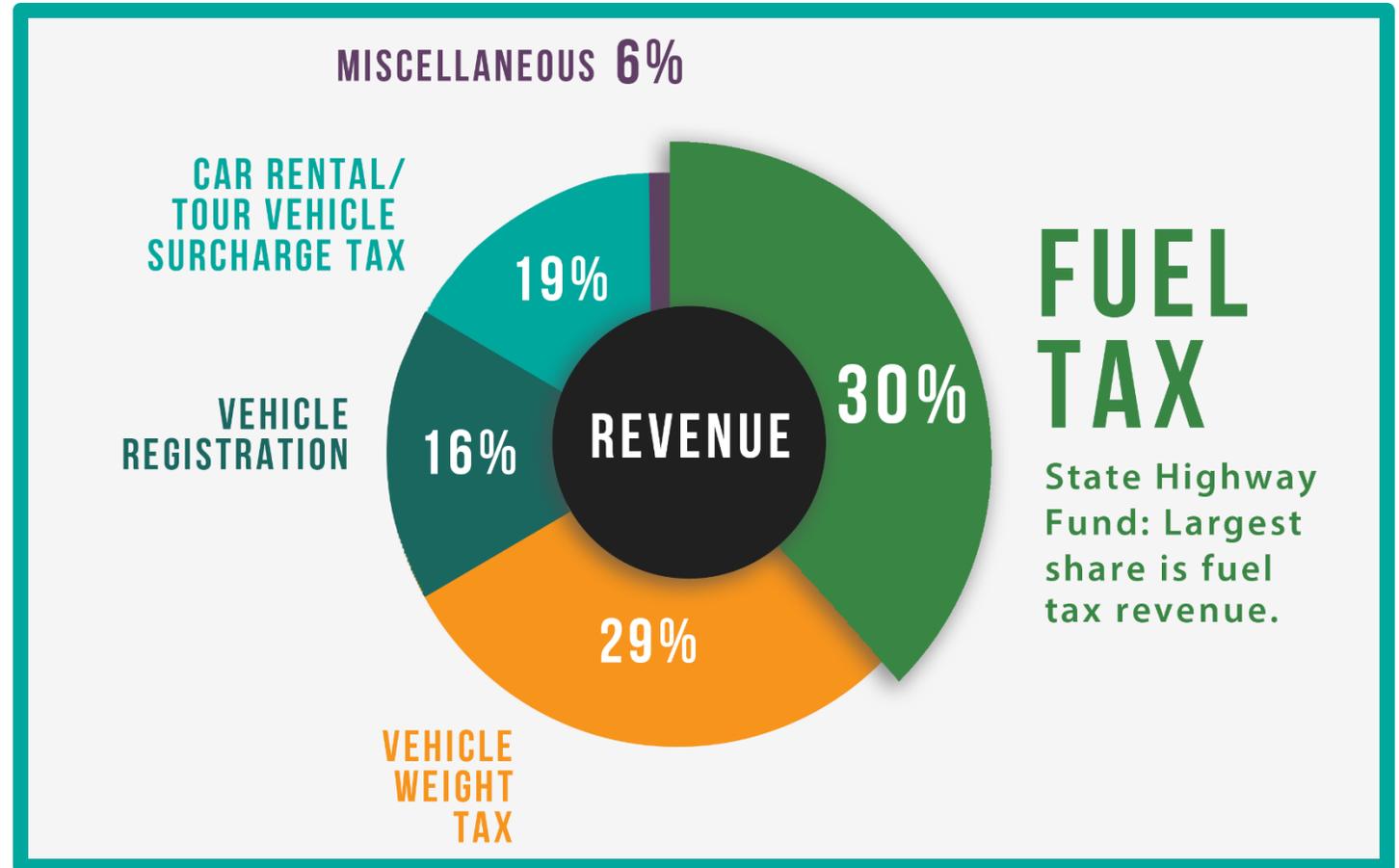


Agenda

- How we currently pay for our roads
- About Hawaii Road Usage Charge Demonstration
- Q&A

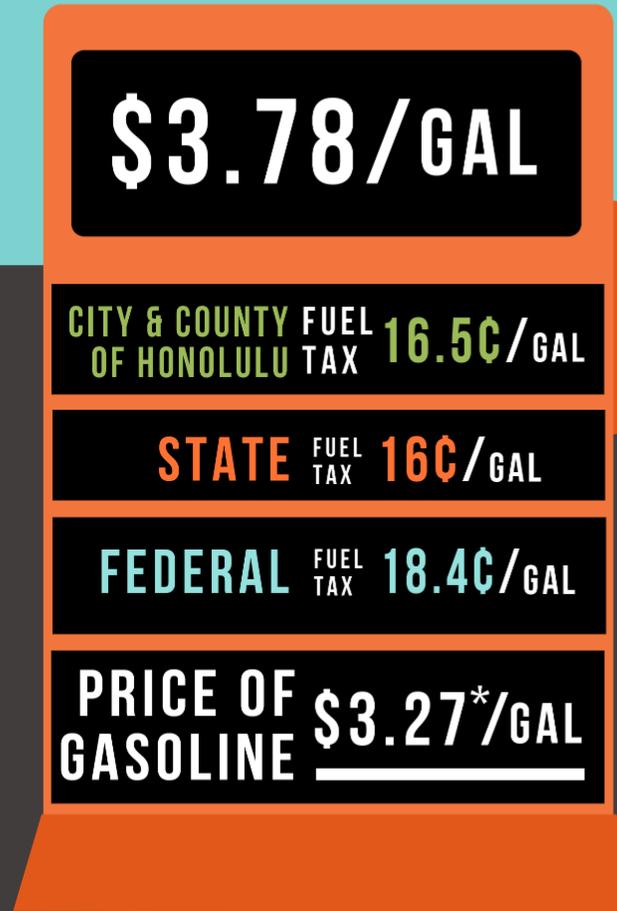
How we currently pay for our roads

Currently all drivers share in how we pay for the upkeep of our roads & bridges



The biggest share of our contribution to roads & bridges comes from gas taxes

GAS PRICE BREAKDOWN



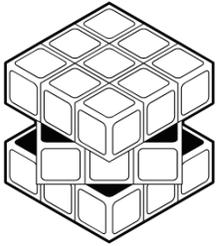
**Gasoline Prices: In September 2018, the regular gasoline price in Hawaii averaged \$3.782 per gallon, which was 93.0 cents per gallon (32.6%) higher than the national average for the same month." DBEDT*

**As vehicles become
more fuel efficient,
more cars will pay
less to use the
roads...**

**...and fewer cars will
pay more**

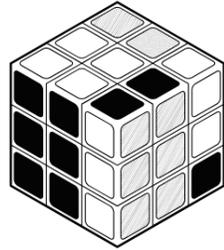


Challenge:
Outdated road
funding system



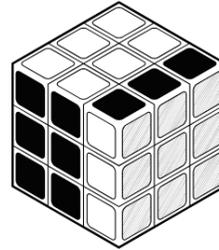
Achieving our energy goals will create a **road funding system no longer based on use.**

Possible Solution:
Research and invite the public to “test drive” a per-mile charge



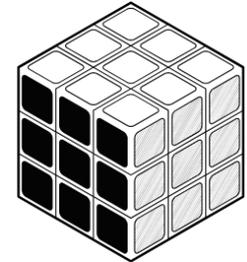
Road Usage Charge: drivers pay for roads based on how much they use, **instead of** how much gas they burn

Communities in Hawaii:
Your input helps us understand what questions to research.



Ask questions, share concerns and ideas.

HiRUC Study and Pilot Project:
Can we design a future funding system for Hawaii that is fair?



After conducting research and gathering feedback, the study will recommend ways to achieve **fair, stable road funding in Hawaii.**

How RUC compares with gas tax

If implemented, RUC would replace the gas tax.

State gas tax = 16 cents per gallon

Road Usage Charge = about $\frac{3}{4}$ of 1 cent per mile

How much would RUC cost drivers?

If implemented, RUC would replace the gas tax. No driver pays both.

Typical vehicle (22 MPG) driven 10,000 miles

- Pays \$73 in state gas tax
- Would pay \$73 in state RUC
- **Net difference = \$0**

What about vehicles that are not typical?

Nissan Leaf driven 10,000 miles

- Pays \$0 in gas tax
- Would pay \$73 in RUC
- Net increase **\$73**



Toyota Prius driven 10,000 miles

- Pays \$60 in gas tax
- Would pay \$73 in RUC
- Net increase **\$33**



Ford F-150 driven 10,000 miles

- Pays \$141 in gas tax
- Would pay \$73 in RUC
- Net decrease **\$21**

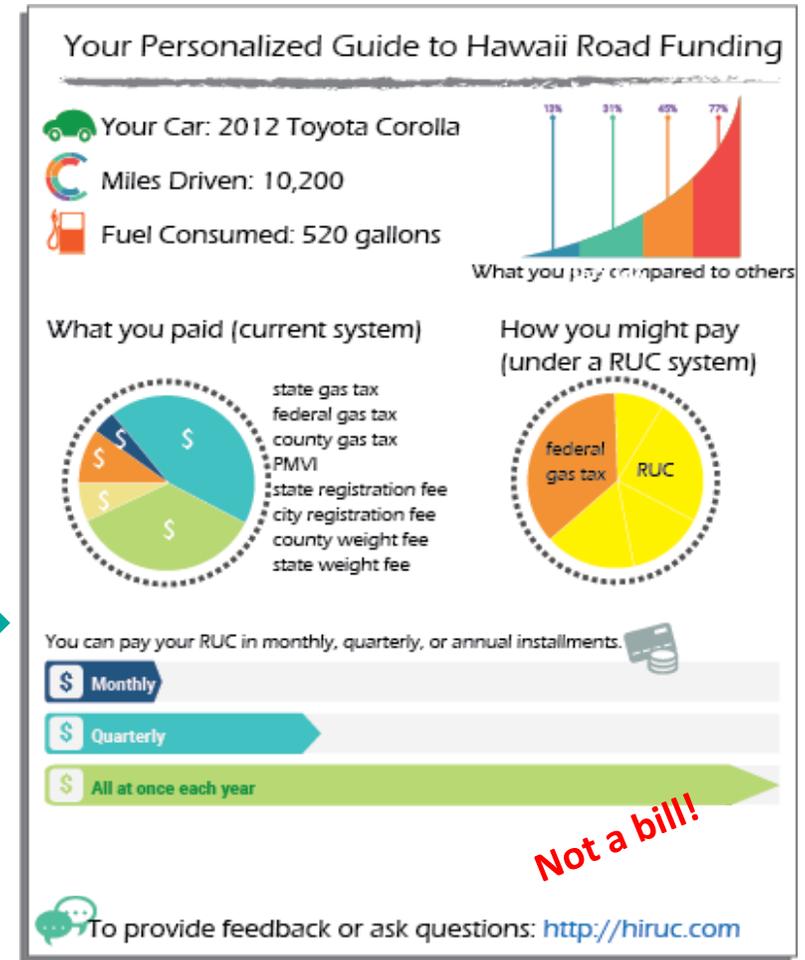
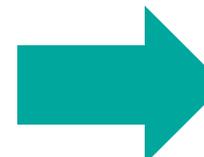


About Hawaii Road Usage Charge Demonstration (HiRUC)

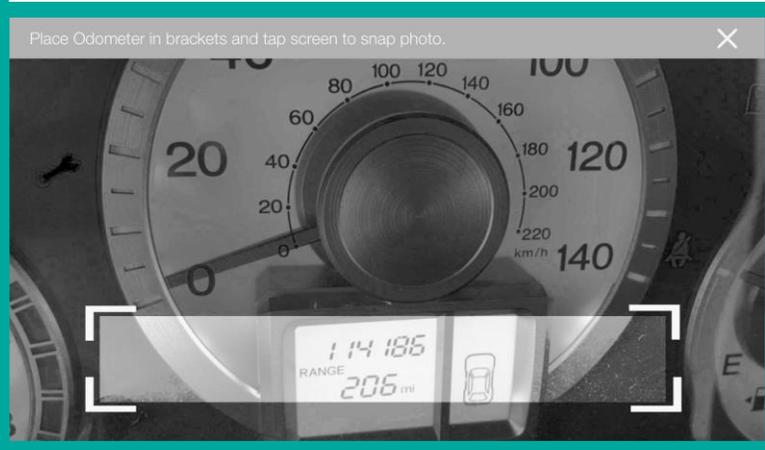
HiRUC is a 3-year research and demonstration effort



Later in 2019, residents will receive customized RUC statements in the mail and a survey invitation



**In 2020, up to 2,000
volunteers will have the
chance to test drive new
technology**



You can be a volunteer!



HiRUC Community Meeting Feedback

How will a road usage charge affect long-distance & low-income commuters?

- Kapolei, Molokai & Windward Oahu

Roads need to be repaired.

- Windward Oahu

What are other options to RUC?

- Windward Oahu

Can we continue to incentivize EV purchases?

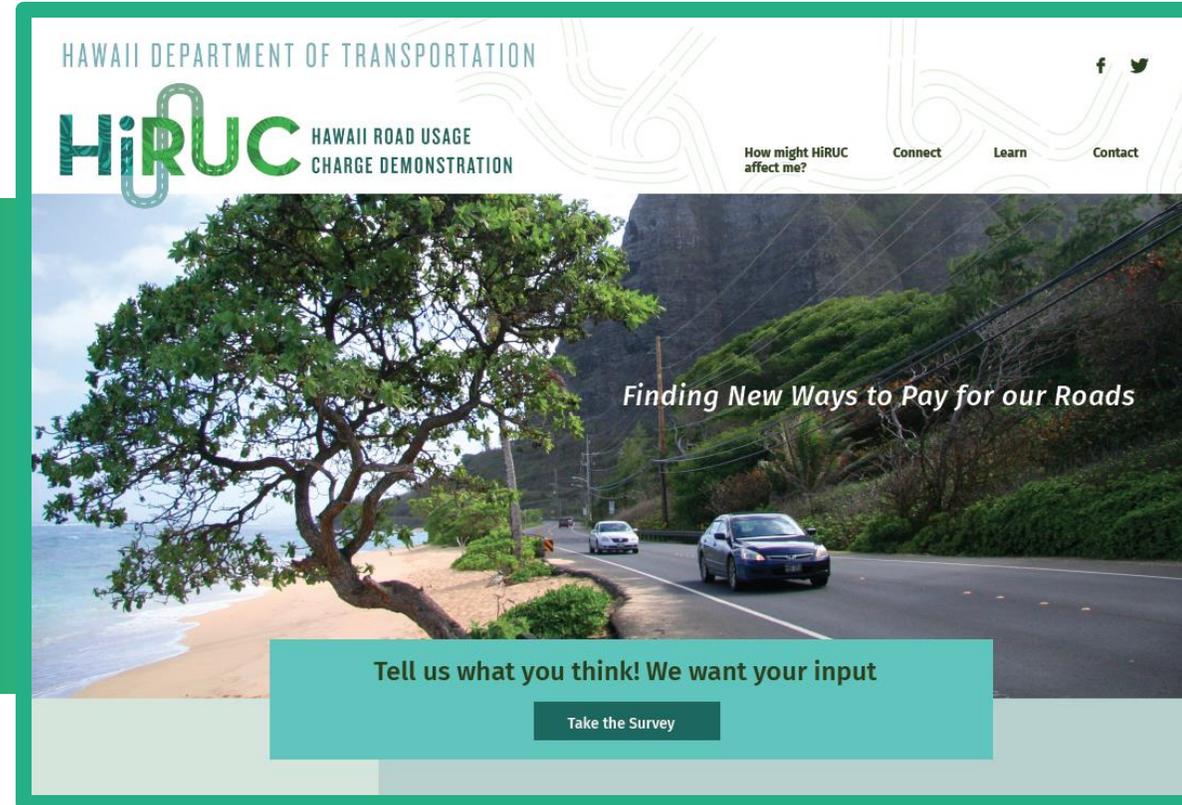
- East Honolulu & Lahaina



Mahalo!

contact@hiruc.org

**Come sign up for the e-newsletter!
Volunteer to be a test participant!**



HiRUC.org

