

MEET IN ASIA PACIFIC FOR THE
WORLD'S LEADING TRANSPORT TECHNOLOGY EVENT
ACTIVATING GLOBAL MOBILITY SOLUTIONS
ITS—ENHANCING LIVEABLE CITIES AND COMMUNITIES



2016 MELBOURNE

23rd World Congress on Intelligent Transport Systems
Melbourne Convention and Exhibition Centre
10–14 October 2016



Australian Government

PROGRAM PARTNER



HEADLINE PARTNER



SUPPORTED BY



HOSTED BY



CO-HOSTED BY



23rd World Congress on Intelligent Transport Systems
Melbourne Convention and Exhibition Centre
10-14 October 2016

Nina Elter

Senior Manager, Strategy & Market Development
EROAD

Implementing an Electronic Road User Charges Solution



Fuel Taxes have been the work horse thus far in U.S.



- Oregon established first state gas tax in 1919.
- Revenue Act 1932 established the federal tax.
- The federal gas tax was last raised in 1993.
- Not indexed to inflation.
- Inflation rate from 1993 to 2015 approaches 65% = loss of buying power.



Competing Public Policies.



- Peak oil production suggests conservation of nonrenewable petroleum reserves.
- Reduce global carbon footprint to prevent climate change.
- Fuel efficient engines and Corporate Average Fuel Economy (CAFE) standards.
- Hybrid and electric vehicles consume little or no fossil fuels and pay little to no fuel taxes.
- Burn more fuel to generate more fuel tax revenue.



If not fuel tax, then what are the alternatives?

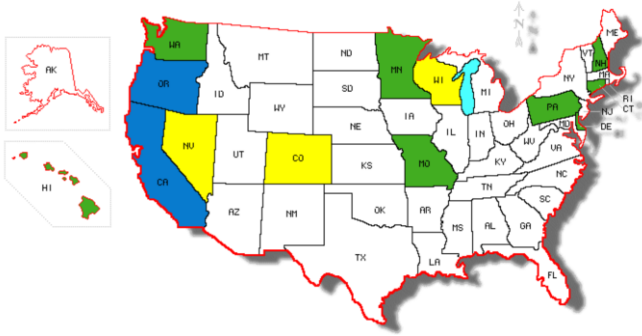
- Transparent
- Equitable – Users pay fair share
- Revenue neutral to start
- Reflects actual highway use
- Treat like operators alike
- Dissimilar operators treated differently



Fixing America's Surface and Transportation (FAST) Act.

Overview

- - pilot underway
- - grant received
- - done studies



- USD\$95M Grants
- User based alternative revenue mechanisms
- OReGO program in Oregon
- California pilot
- I-95 Corridor Coalition, WRUCC, HI, MN, MO and WA
- Prior research done in NV, WI and CO



Successful commercial deployment of a North American Electronic Road Users Charge System.

Data is recorded



EROAD electronic On-Board-Unit hardware and web-based services platform accurately and reliably captures and calculates Oregon weight-mile tax information from commercial motor carriers.

Data is viewable



Oregon State Government Approved.



Automating Weight-Mile
Tax Collections can benefit
the state and commercial
motor carriers.

Secretary of State Audit Report

Kate Brown, Secretary of State

Gary Blackmer, Director, Audits Division



The Business Model.



- EROAD leases hardware
- Single platform offering multiple compliance solutions
- No significant cost to government
- Lowers carrier costs
- Offers attractive ROI
- More reliable than paper based records
- No technology risks to public sector





THANK YOU!

Nina Elter

Senior Manager,
Strategy & Market Development
EROAD

+49 176 456 654 16

Nina.Elter@eroad.com

