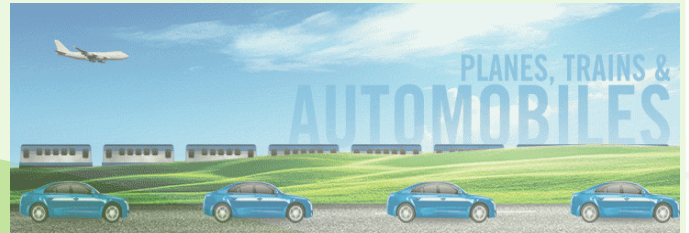
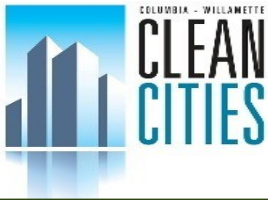


**PORTLAND  
INTERNATIONAL  
AUTO SHOW**



**Your Future Fleet Will Not Run On Coal....  
However some fleets are now using fuel sourced  
from human waste**



**Hosted by**



**Columbia Willamette Clean Cities Coalition  
& NW NAFA**

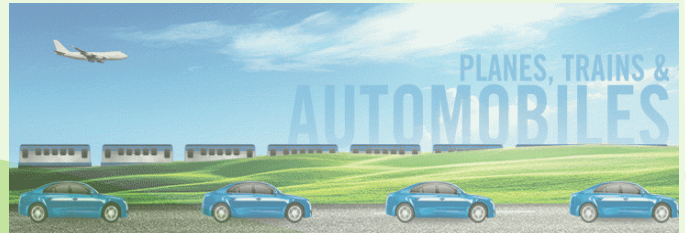
**Where: Portland International Auto Show**

**When: January 25<sup>th</sup>, 2018**

**Time: 9:30 AM to 2:00 PM**



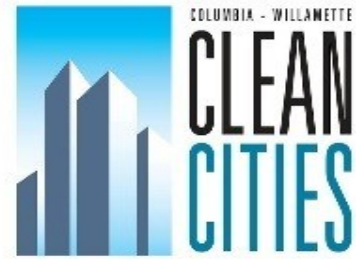
## PORTLAND INTERNATIONAL AUTO SHOW



There are some political leaders trying to make the case for coal and claim it will make a comeback, but that is just fake news. The facts and economics just don't pencil out against other sources of cleaner energy. The only coal-fired generating facility in Oregon will close down in 2020 and legislation passed in 2016 will require utilities to quit purchasing coal by wire power by 2035. Additionally the legislation doubles the renewable energy target to 50 percent by 2040.

For the first time in 40 years, power plants are no longer the biggest source of U.S. greenhouse gas pollution. The throne now belongs to the transportation sector: planes, trains and automobiles, (no, not the movie!) throw in trucks and boats as well. Thanks to Oregon's cleaner grid the transportation sector has been the leader for decades as an emissions emitter. Your fleet is number one! Feel like a target yet?

Just in time, the transportation sector and the power generation sector are on a collision course to disrupt business as usual. Electric vehicle technology is making huge strides forward with not only performance and deployment but cost as well while the grid is getting smarter and cleaner.



Not only the electric grid is getting cleaner but natural gas utilities are looking into renewable biogas options as sources of fuel. Legislation passed this last session in Oregon requires the Oregon Department of Energy to form an Advisory Committee to develop an inventory of these resources in the state and characterize the opportunities and challenges to the nascent biogas and renewable gas industry. Fleets in Oregon are already using these fuels to power their fleets and lower their fleet's carbon intensity.

Any of this sound interesting, come join us and learn more and network with your peers.

Lunch is provided and after the workshop attendees are free to tour the Auto Show.

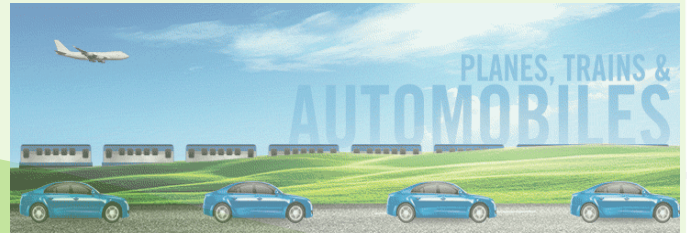
\$30 for CWCCC members

\$49 for non-members

Sign up here: <https://www.cwcleancities.org/store>

[www.cwcleancities.org](http://www.cwcleancities.org)





## **Preliminary Agenda**

\*Agenda subject to change

### **Opening Remarks**

#### **National & Oregon Fuel and Vehicle Trends**

*Rick Wallace, Oregon Department of Energy*

#### **EV Infrastructure Growth**

*Andrew Dick, Oregon Department of Transportation*

#### **One person's waste is another person's fuel**

*Dan Avery, Oregon Department of Energy*

#### **Keep it Clean – Fuel and lubricant filtration for modern high pressure common rail engines.**

*Paul G. Klick, Senior Engineer – Hydraulic & Clean Solutions group Donaldson Company*

#### **What vehicle types are available to purchase –**

*OEM representatives – GM & Ford (TBA)*

Lunch

Clean Cities Awards

Auto Show

