Transportation accounts for over 40% of greenhouse gas emissions on the Pacific Coast. Using cleaner transportation fuels is a critical step toward achieving the region’s goal of cutting greenhouse gas emissions by 80% over the next 30 years. British Columbia, California, Oregon, and Washington have programs in place that are creating an integrated West Coast market for clean, low-carbon fuels.

What is a low carbon fuel standard?
A low carbon fuel standard (LCFS) requires a reduction in the lifecycle carbon intensity in transportation fuels. Users and producers of renewable or low-carbon fuels earn credits and these credits are purchased by producers of higher carbon fuels that generate debits. Credits can be generated by all kinds of alternative transportation fuels, including electricity, biofuels, renewable natural gas, and hydrogen.

Low carbon fuel standards are cutting greenhouse gas emissions, improving air quality, and spurring innovation:

- Over 20 billion gallons of clean, low-carbon alternatives have replaced petroleum diesel and gasoline.
- 150 million metric tons of carbon emissions have been eliminated by the use of alternative lower carbon fuels.
- Over $16 billion market created, generating new clean energy jobs and businesses.

California, Oregon, and British Columbia are on track to meet current carbon intensity reduction targets, and all three have either increased their 2030 target to 30% or more, or are in the process of doing so. Washington has successfully completed implementation and is beginning to publish data on program performance.

LCFS programs are generating new investment and creating jobs.
The World Energy facility in Paramount, California is the first refinery in the world built for commercial-scale production of alternative jet fuel produced from sustainable feedstocks, such as non-edible natural oils and agricultural wastes. Already, World Energy Paramount has produced 150 million gallons of renewable fuels – the equivalent of taking 250,000 cars off the road.

PCC LEADERSHIP

- Gavin Newsom - California Governor
- Tina Kotek - Oregon Governor
- Ken Sim - Vancouver Mayor
- David Eby - BC Premier
- Ted Wheeler - Portland Mayor
- Bruce Harrell - Seattle Mayor
- London Breed - San Francisco Mayor
- Karen Bass - Los Angeles Mayor
- Sheng Thao - Oakland Mayor

The PCC represents the world’s fourth largest economy, a thriving region of 58 million people with a combined GDP of nearly $5 trillion.