

# WE NEED CLEANER, AMERICAN ENERGY

**THOUSANDS OF JOBS. MORE THAN \$1.6 BILLION IN WAGES.**

A new terminal at the Port of Vancouver, USA can safely and efficiently deliver lower-carbon American oil from the midcontinent to the West Coast, reducing our dependence on foreign sources.





# WE CAN REPLACE OIL IMPORTS FROM FOREIGN COUNTRIES

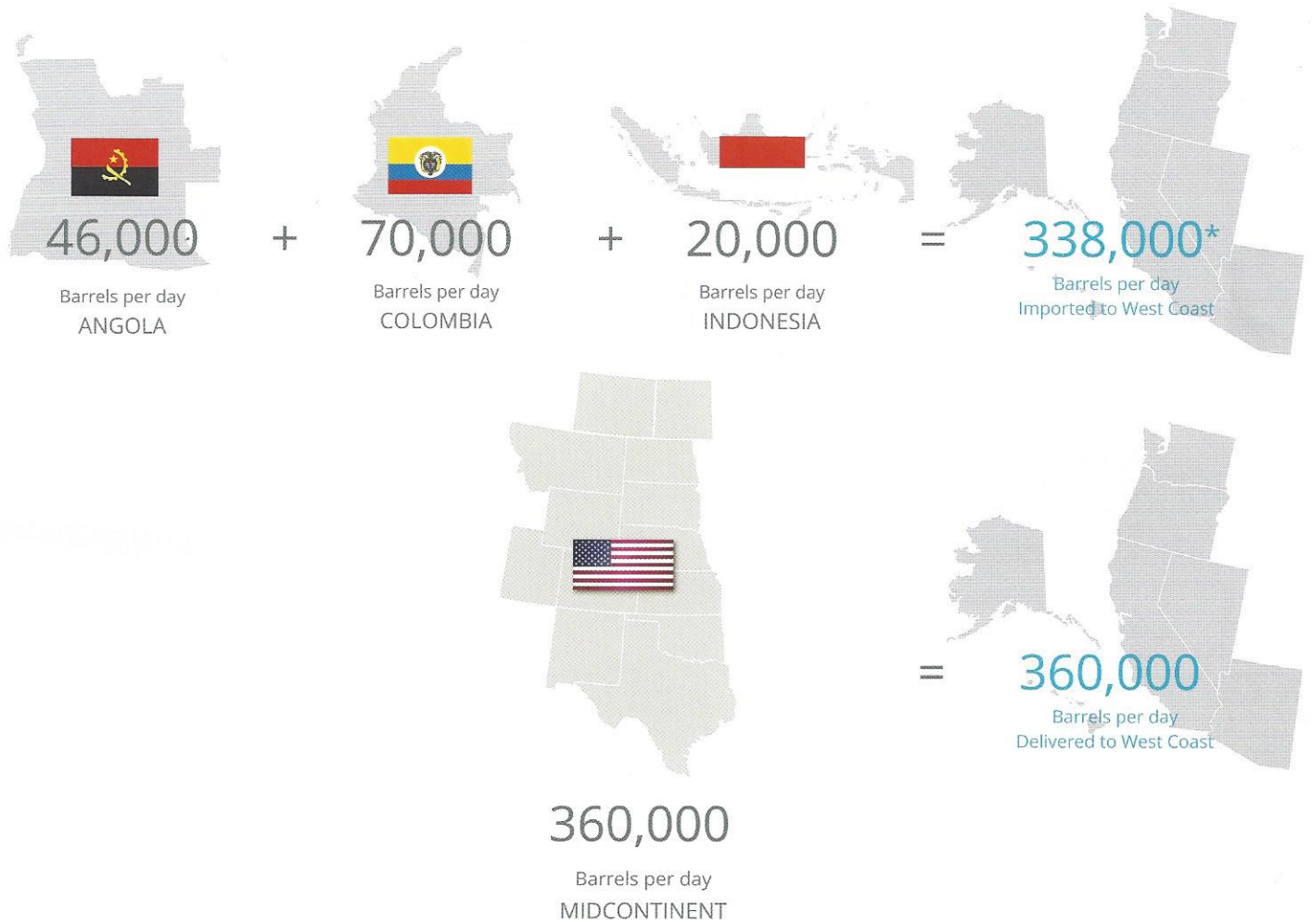


Today, much of our crude oil must be imported from foreign sources.

Vancouver Energy will promote American energy security by allowing foreign crude oil imports to be replaced with crude oil from the midcontinent, including the Bakken formation.

The safe, efficient delivery of this oil to the West Coast through a new terminal at the Port of Vancouver will reduce carbon emissions while supporting a healthy Washington economy and thousands of U.S. manufacturing jobs.

# RTED FROM



**THE PROPOSED VANCOUVER ENERGY TERMINAL WILL RECEIVE ENOUGH CRUDE OIL TO COMPLETELY DISPLACE THE CRUDE OIL IMPORTED TO THE WEST COAST FROM IRAQ, RUSSIA, VENEZUELA, ANGOLA, COLOMBIA AND INDONESIA.**

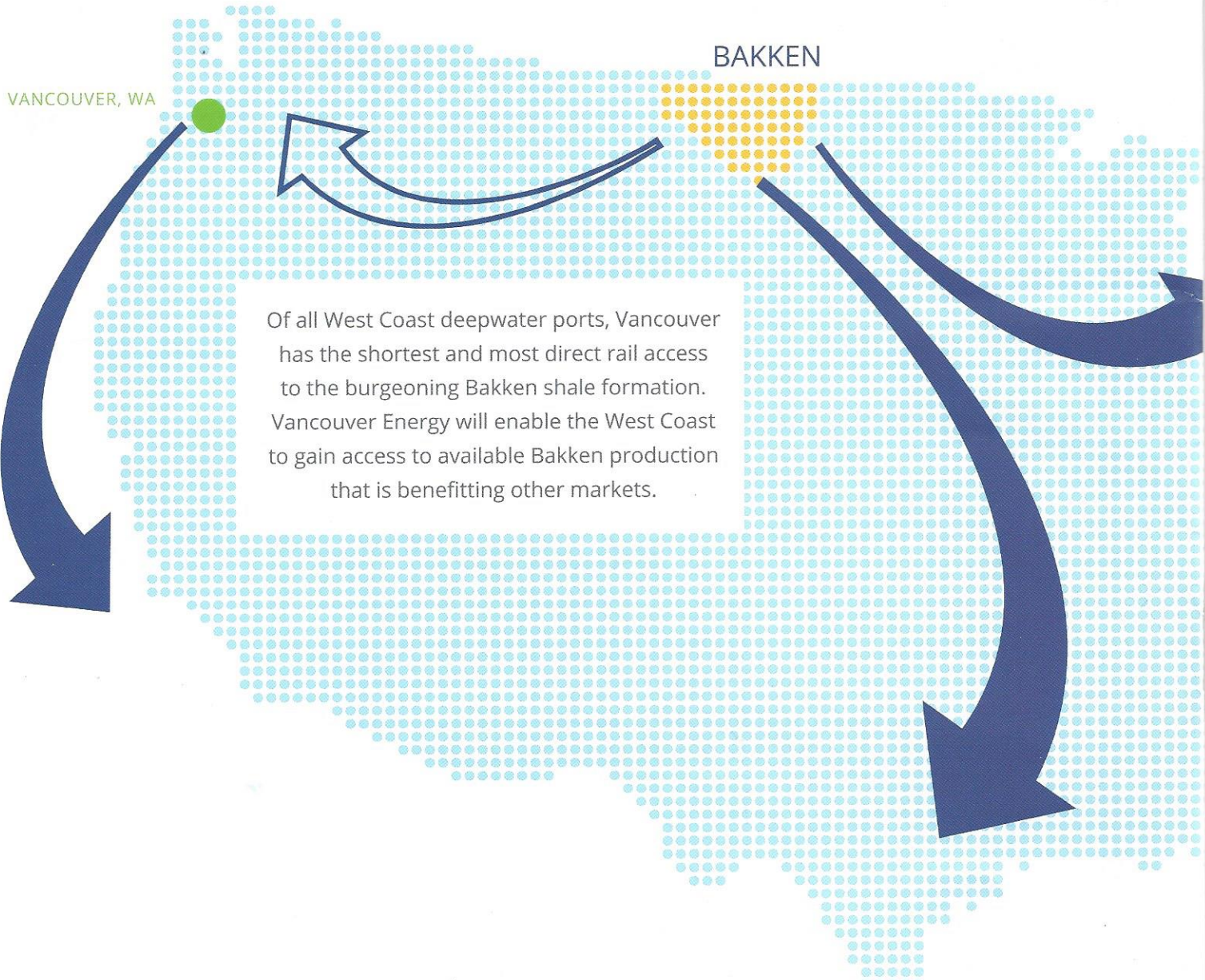
\*Crude oil imported to the West Coast in 2014. Source: EIA



# THE USE OF BAKKEN CRUDE OIL REDUCES GREENHOUSE GAS EMISSIONS

VANCOUVER, WA

BAKKEN



Of all West Coast deepwater ports, Vancouver has the shortest and most direct rail access to the burgeoning Bakken shale formation. Vancouver Energy will enable the West Coast to gain access to available Bakken production that is benefitting other markets.

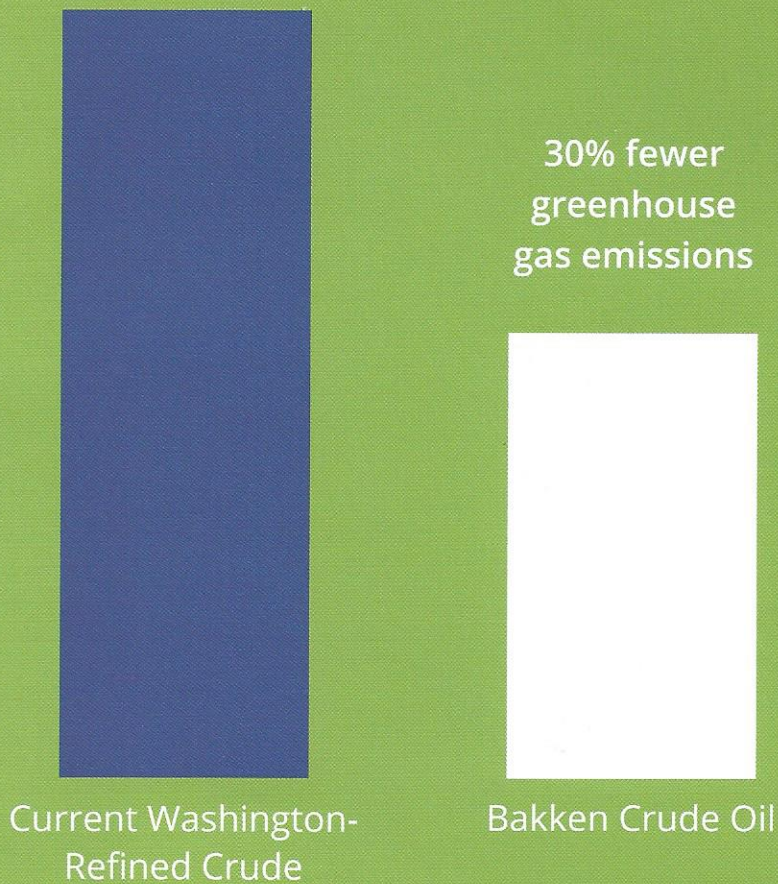


A recent Carnegie Endowment for International Peace study that looked holistically at how oil is extracted, transported, refined and used determined that some oil sources are substantially less carbon-intensive than others.

To achieve significant reductions in greenhouse gas emissions, we need to choose less carbon-intensive sources of petroleum like the Bakken formation.

## CARBON DIOXIDE EMISSIONS FROM CRUDE OIL

The use of Bakken crude oil instead of current sources of oil reduces carbon emissions by 1.5 million tons per year - equal to removing 250,000 vehicles from the road annually.



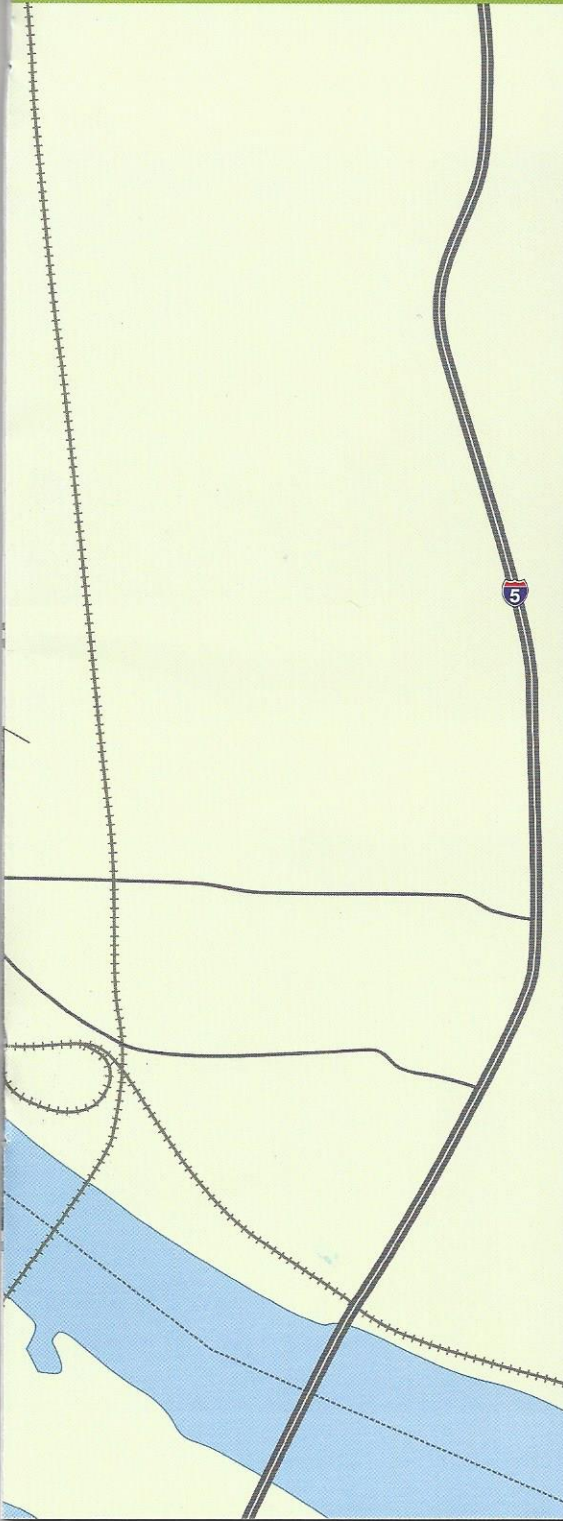


# A NEW SHIPPING TERMINAL W AND THE REGION FULFILL THE





# WE WILL HELP VANCOUVER REALIZE ITS ECONOMIC POTENTIAL



The project will revitalize 42 industrially zoned acres at the Port of Vancouver, occupying less than 3 percent of Port property.

The Port of Vancouver's \$275 million West Vancouver Freight Access project was designed to create jobs and generate economic benefit by investing in freight rail infrastructure.

Vancouver Energy helps fulfill this vision. In 2013, the Port Commission voted unanimously to approve the Vancouver Energy lease based on our experience, our operating practices, our safety track record, and the benefits we would bring to the Port and community.

**STEP 1** Receive crude oil by rail, the most flexible and efficient transport option.

**STEP 2** Unload from railcars.

**STEP 3** Transfer to staging tanks that will have little visual impact on our neighbors.

**STEP 4** Load onto double-hulled, U.S. flagged marine vessels piloted by certified and experienced Columbia River captains.

**STEP 5** Ship to West Coast refineries for conversion to transportation fuels and other petroleum products for American families and businesses.



# \$2 BILLION IN ECONOMIC VALUE TO THE LOCAL AND REGIONAL ECONOMY

Source: Analysis Group, Inc.



## SPENDING

**\$210 MILLION** investment by Tesoro and Savage

**\$1.6 BILLION** in labor income during construction and first 15 years of operation



## TAX REVENUE

**\$22 MILLION** payment in state and local taxes during construction of the project

**\$7.8 MILLION** in tax revenue annually that will go to state and local reserves for public facilities and services





## **JOBS**

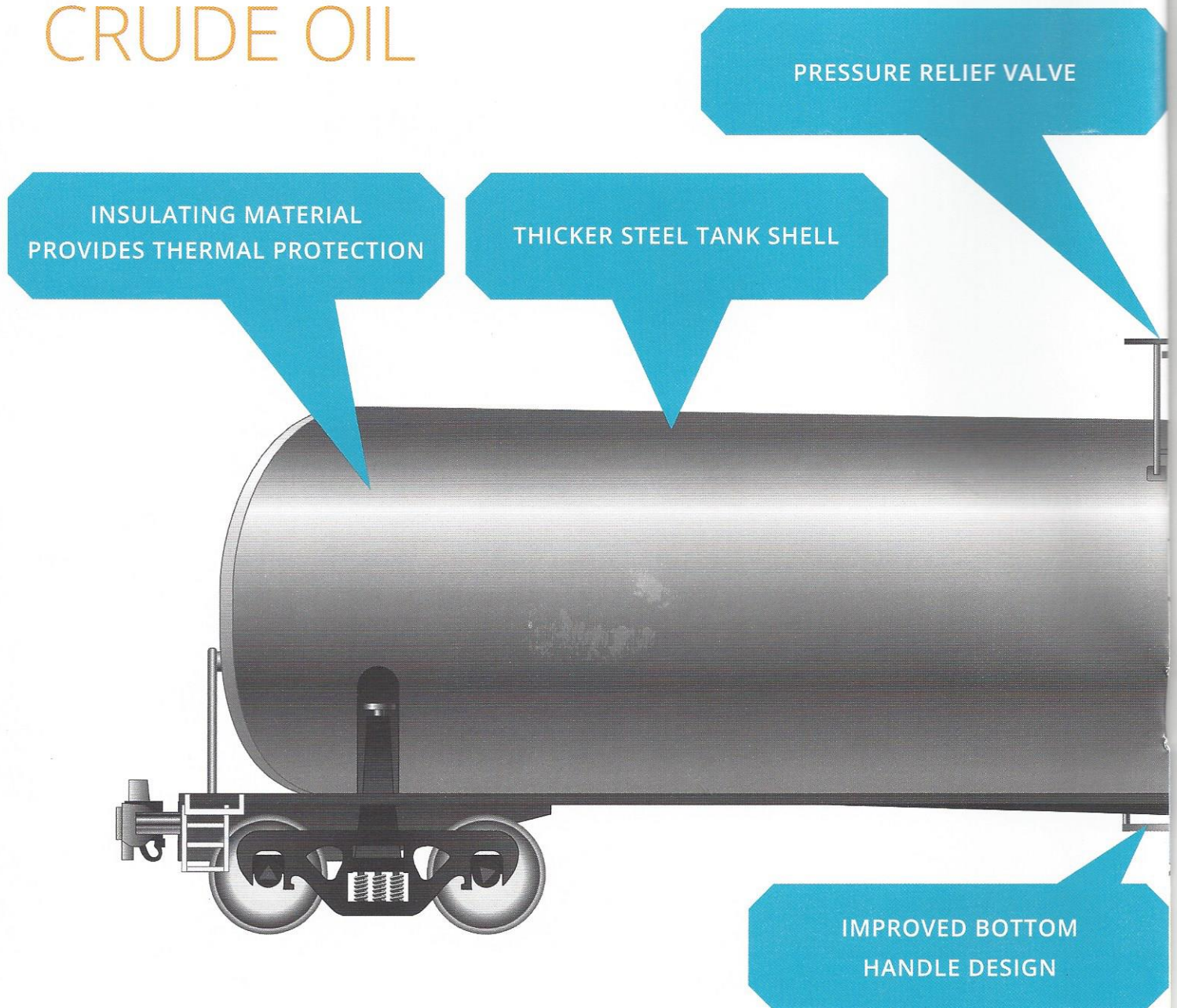
**320 FULL-TIME** or equivalent jobs  
will be created at the terminal during construction

**176 DIRECT** on-site and **440 DIRECT** off-site jobs

**MORE THAN 1,000 JOBS** supported by direct employment,  
suppliers to the project and from spending in the region



# MAJOR IMPROVEMENTS TO RAIL CARS AND RAIL OPERATIONS HELP PROVIDE FOR THE SAFE AND EFFICIENT DELIVERY OF CRUDE OIL





Important products and materials have been transported by rail for more than a century around our state and the nation. Today, rail access continues to save transportation costs and translates into savings for American consumers.

To prevent incidents, new federal standards call for enhanced track inspections and improved monitoring and automation. Rail car safety standards have also been strengthened, and only rail cars that meet or exceed the U.S. Department of Transportation's new 2015 transport standard will come to the terminal.

In addition, new state regulations ensure shippers, railroads and communities are working together to provide adequate first responder training and equipment.

TOP FITTINGS PROTECTED

HEAD SHIELDS PROTECT FROM COLLISIONS





# CRUDE OIL WILL CONTINUE TO AMERICA'S ENERGY MIX



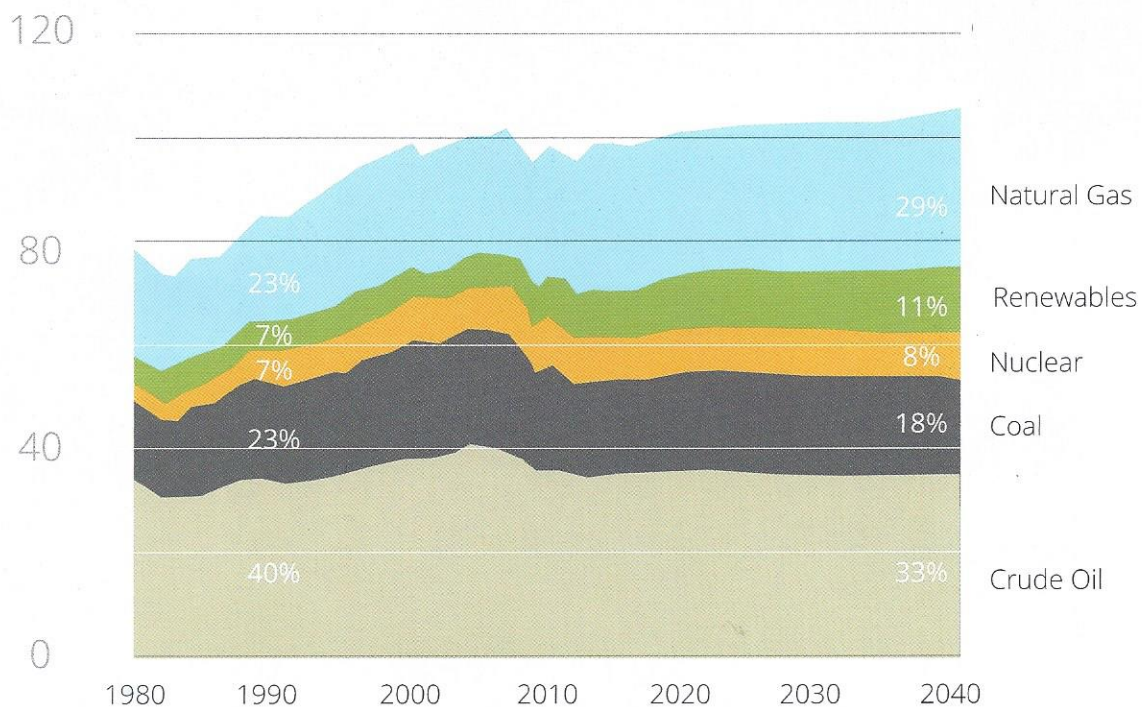


# TO BE VITAL

Even as the nation transitions to more renewable energy sources for electricity production, our transportation sector will continue to rely on crude oil for decades to come.

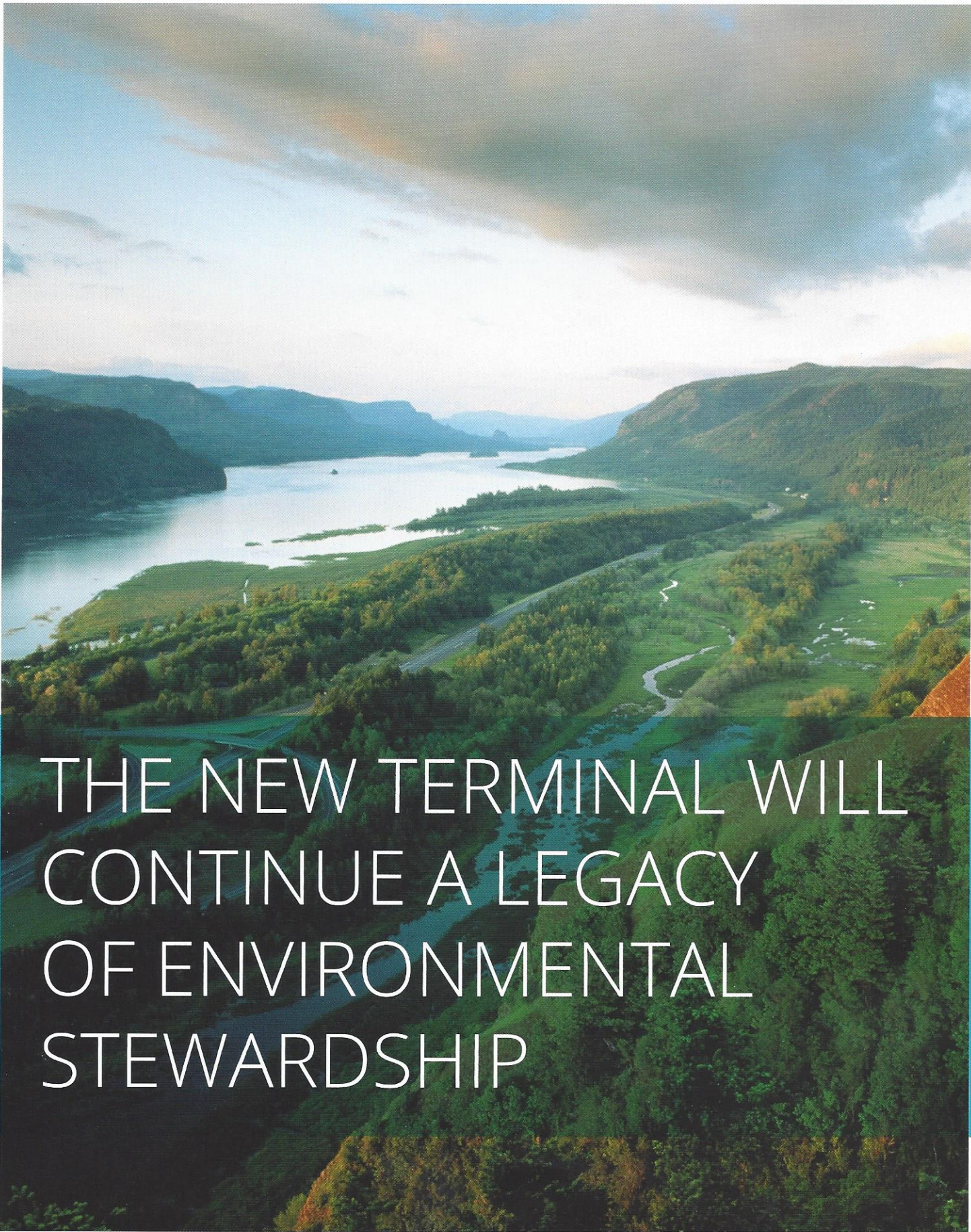
## ENERGY DEMAND CONTINUES TO INCREASE

ENERGY CONSUMPTION BY FUEL, (QUAD BTU)



Source: EIA





THE NEW TERMINAL WILL  
CONTINUE A LEGACY  
OF ENVIRONMENTAL  
STEWARDSHIP



Vancouver Energy is a joint venture of Tesoro Refining & Marketing Company LLC and Savage Companies. Both Tesoro and Savage have unparalleled experience operating in environmentally sensitive and diverse locations all over the world.

Tesoro, a Port tenant since 1985, has maintained a continuous relationship with the Clean Rivers Co-Op and has operated at the Port with no recordable spills. In 2006, Tesoro was awarded an Environmental Stewardship Award from the Port of Vancouver.

Savage has safely operated crude oil rail transfer terminals at two northern Washington refineries, and was recognized by the Association of Washington Business in 2015 with a Better Workplace Award for the company's commitment to workplace safety.

**VANCOUVER ENERGY IS FULLY ENGAGED IN THE REVIEW AND PERMITTING PROCESS MANDATED BY WASHINGTON STATE.**

The project will only move forward if an Environmental Impact Statement (EIS) and the adjudicative phase of the state's Energy Facility Site Evaluation Council's (EFSEC) robust permitting process show that the terminal will be designed, constructed and operated in a safe and environmentally responsible manner.



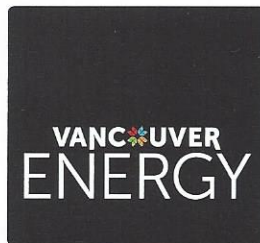
# WE WANT TO HEAR FROM YOU.

Please visit

[VANCOUVERENERGYUSA.COM](http://VANCOUVERENERGYUSA.COM)

## OUR PARTNERSHIP

Tesoro has almost five decades of experience in the energy field. Savage has nearly 70 years of experience in logistics. The companies have a long and productive history together.



Vancouver Energy is a joint venture between Tesoro Refining & Marketing Company LLC and Savage Companies. We are proposing a terminal at the Port of Vancouver USA that will receive crude oil delivered by rail and load it onto ships bound for refineries on the West Coast. No oil will be refined at the terminal and it will not increase the use of transportation fuels. Tesoro Savage Petroleum Terminal LLC ©, SM 2014







## TELL US WHAT YOU THINK:

Please fill out this postage-paid comment card to share your thoughts, ideas and questions.

- I support Vancouver Energy's efforts to build a new terminal that can safely and efficiently deliver American oil from the midcontinent to the West Coast, reducing our dependence on foreign sources.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Comments or Questions: \_\_\_\_\_

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