

## Greenhouse Gas Emissions

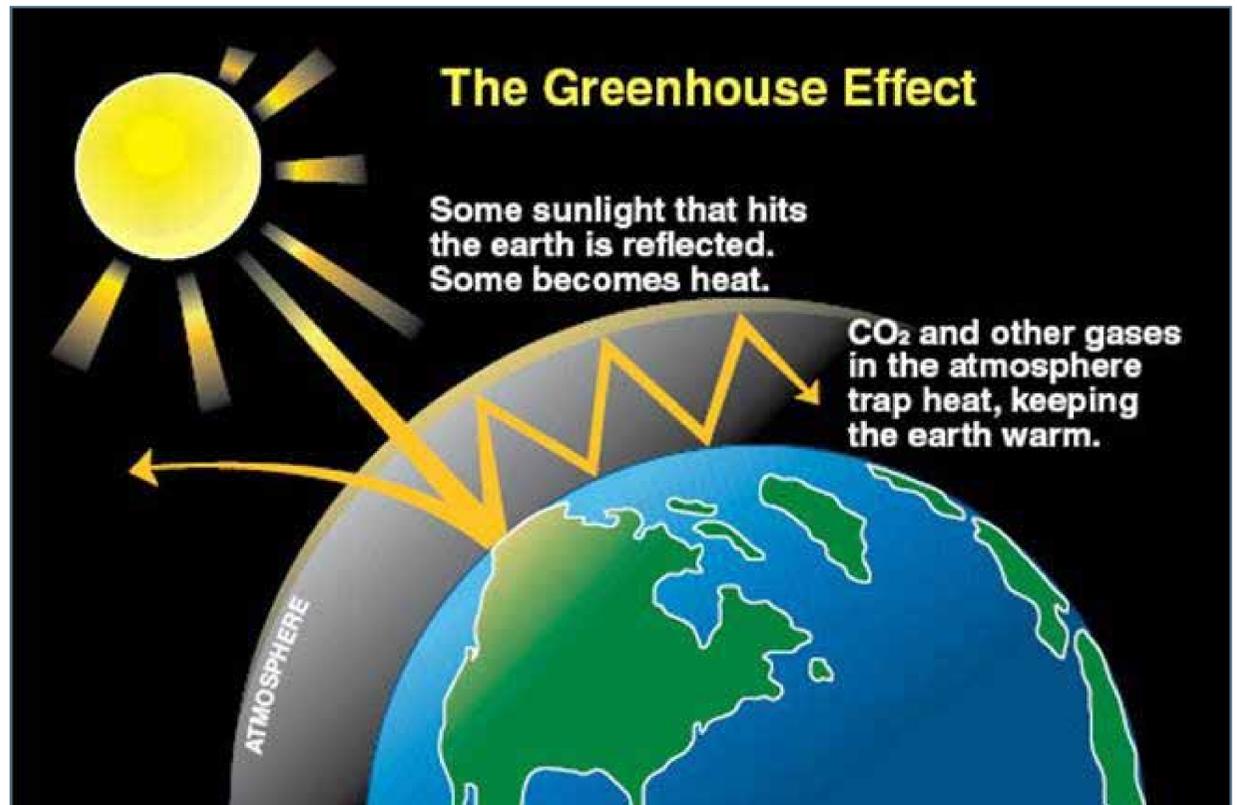
Greenhouse gases include carbon dioxide and other heat-trapping gases. Greenhouse gases contribute to global warming and cause climate change.

### The study analyzed:

- Greenhouse gas emissions from construction and operation of the proposed project, including emissions from rail and vessel transportation of coal.

### The study found:

- Construction – Sources of greenhouse gas emissions during construction would include construction equipment, employees commuting, materials delivered to and from the project area, and other sources.
- Operations - Greenhouse gas emissions would result from operation of the proposed export terminal and rail and vessel transport of coal. Both alternatives would result in emissions equal to adding about 13,000 cars to the road each year.
- Total Emissions for the Scope of Analysis - The study found that over a 20 year period, the On-Site Alternative would result in about 927,000 metric tons of greenhouse gas emissions and the Off-Site Alternative would result in about 940,000 metric tons of greenhouse gas emissions.



Source: Washington State Department of Ecology 2016

### What could be done to reduce impacts?

- Implement an anti-idling policy to reduce emissions from vessels and locomotives in the project area.
- Provide fuel-efficiency training to locomotive, vessel, and construction equipment operators.
- Evaluate the use of electric cars for company vehicles, provide electric charging stations, and develop an incentive program for carpooling.