

# Coal:

## A Global Necessity

### Coal is a key ingredient in the production of steel

Steel goes into almost everything we touch and use every day, from cell phones and tablets, to fridges and stoves.



### EXPORTS

Canada is the third largest exporter of steelmaking coal after Australia and the United States.

CANADA

USA

AUSTRALIA

89% of Canadian steelmaking coal comes from B.C.

Japan & South Korea consumed the largest share of B.C.'s total steelmaking coal exports, however China's demand for B.C. coal is on the rise.



### 40% of the world's population relies on coal for daily energy

Thermal coal is used in the production of energy.

4 out of every 10 people on the planet today rely on thermal coal to produce electricity.



### Coal generates...

41% of the world's electricity

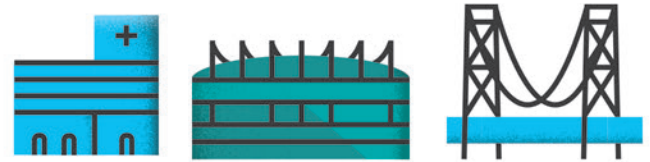
30% of global primary energy needs

70% of the world's steel production



### CRITICAL INFRASTRUCTURE

Globally and here at home, steel is used to build critical infrastructure such as housing, hospitals and bridges.



### TRANSPORTATION

Steel is used to help build our transit networks.



630 kilograms of steelmaking coal is required to produce an average-sized car.

30,000 tonnes of steelmaking coal was used to build the new Canada Line rapid transit system connecting Richmond & Vancouver.



### GREEN ENERGY

Steel and steelmaking coal play a critical role in the production of green energy technology.

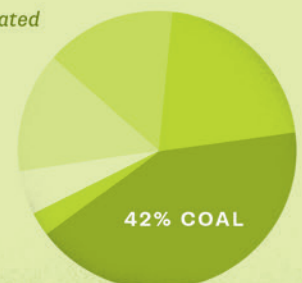
Wind turbines, solar panels, tidal power & bio-energy systems all rely on steelmaking coal to help bring sustainable and renewable energy to the world.



Thermal coal plays a critical role in the production of affordable and dependable power throughout the world.

Today, the world's electricity is created from the following sources:

42% Coal  
21% Natural Gas  
15% Hydroelectric  
14% Nuclear  
5% Oil  
3% Renewables



### REDUCING POVERTY

1.3 billion people are currently without access to electricity.

Without coal as part of the energy mix, these people will needlessly remain in poverty.

