

ENERGY LIFECYCLES

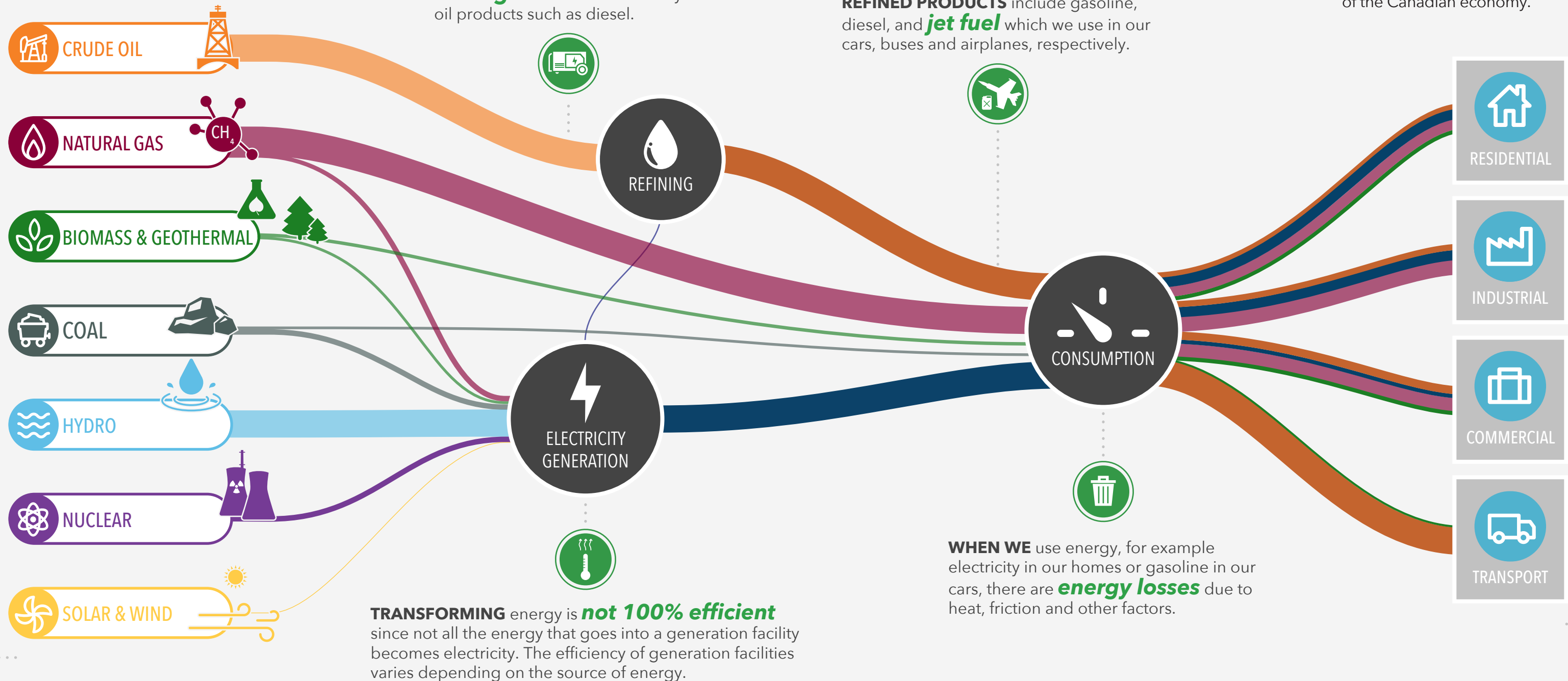
A **SANKEY DIAGRAM** shows the flow of a set of items from one state to the other. The **width** of the lines shows the **relative proportions** of these items.

ENERGY SOURCES come from our **environment**. They can be found buried underground, on land, or in the Earth's natural wind and water cycles.

ELECTRICITY GENERATION in Canada's **north** and in remote communities is often reliant on **small generators** fueled by oil products such as diesel.

REFINED PRODUCTS include gasoline, diesel, and **jet fuel** which we use in our cars, buses and airplanes, respectively.

ALL FORMS OF energy are consumed within the **four sectors**, or large segments of the Canadian economy.



TRANSFORMING energy is **not 100% efficient** since not all the energy that goes into a generation facility becomes electricity. The efficiency of generation facilities varies depending on the source of energy.

WHEN WE use energy, for example electricity in our homes or gasoline in our cars, there are **energy losses** due to heat, friction and other factors.

Use the **interactive online tool** to project the future of energy trends in Canada and explore various energy scenarios which involve various cases of **technology development, climate policy, energy prices, exports and pipelines**. Visit www.cer-rec.gc.ca/energyfuturesdata