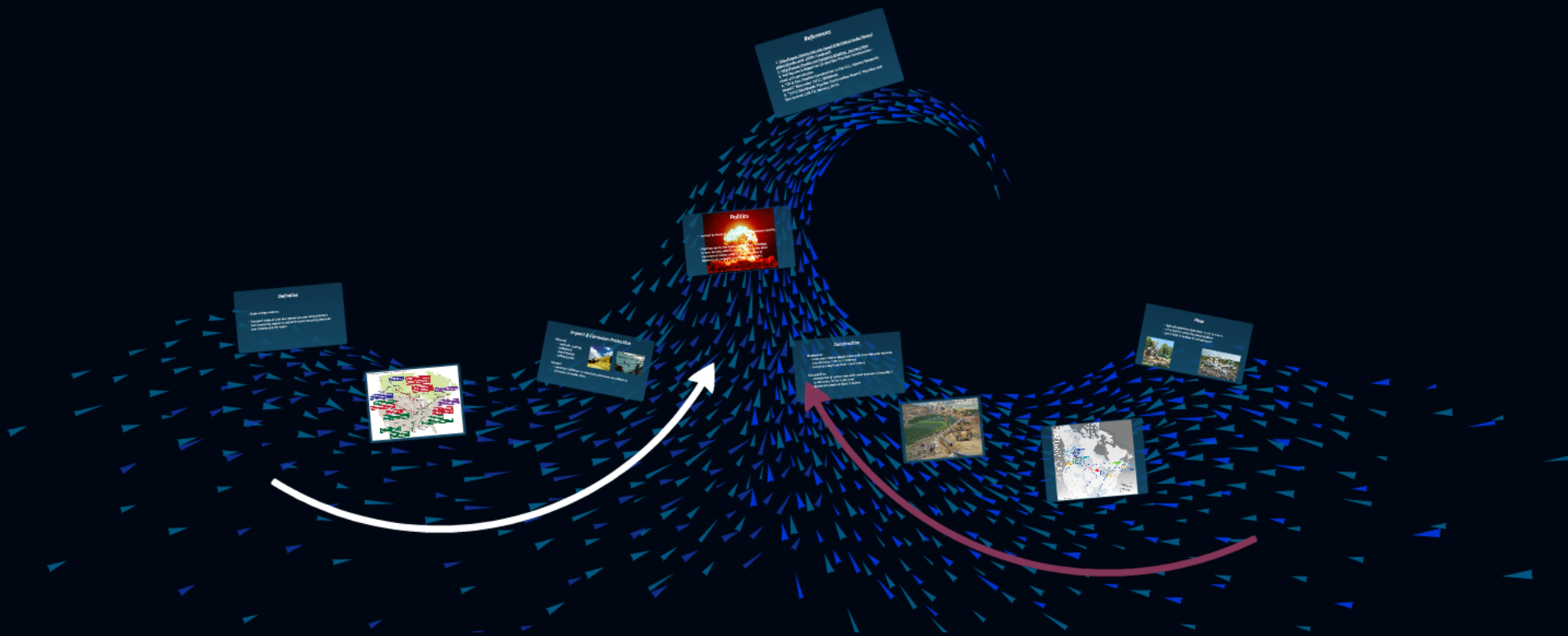


Oil and Gas Pipelines

Thecasesolution.com



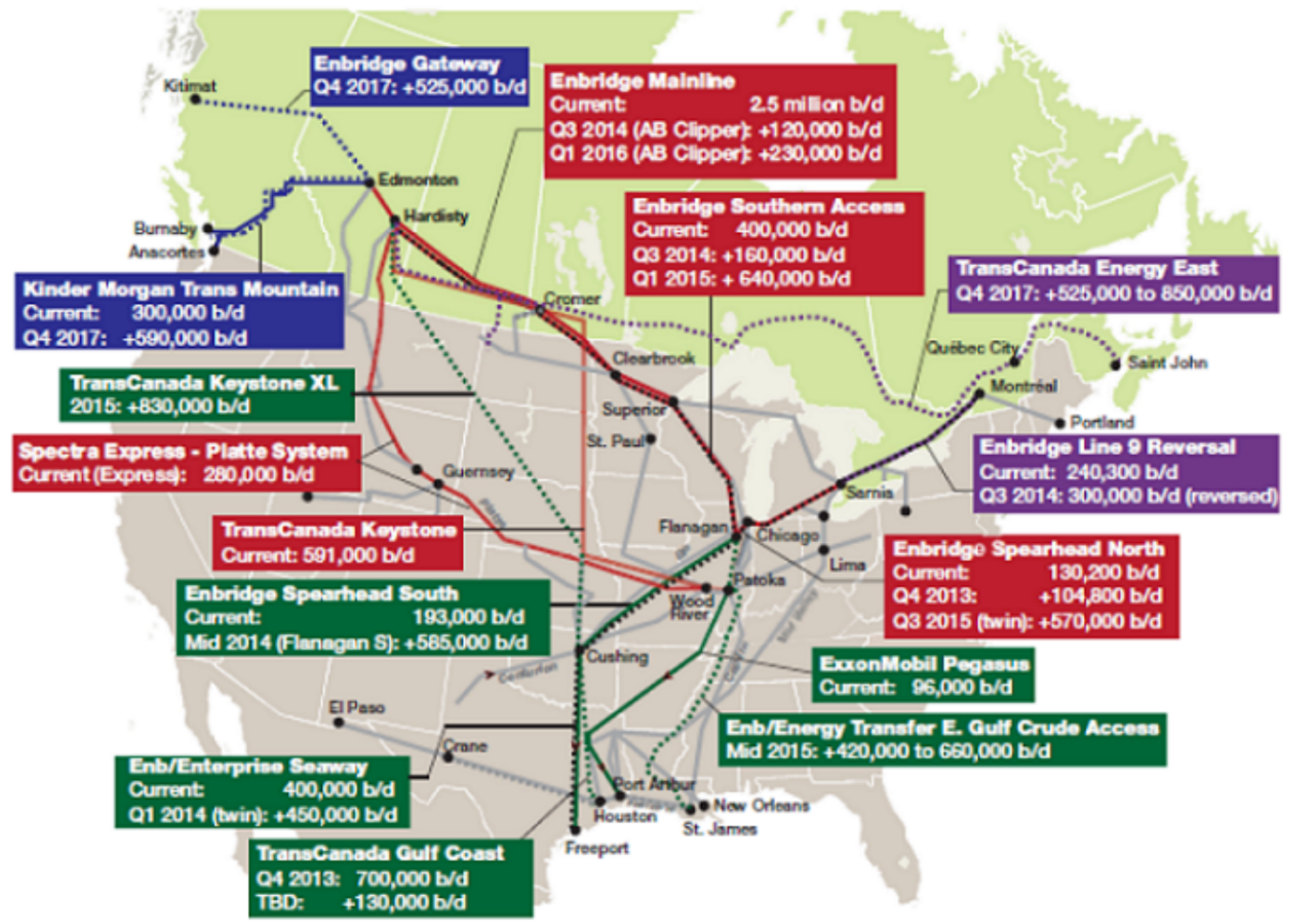
Oil and Gas Pipelines

Thecasesolution.com

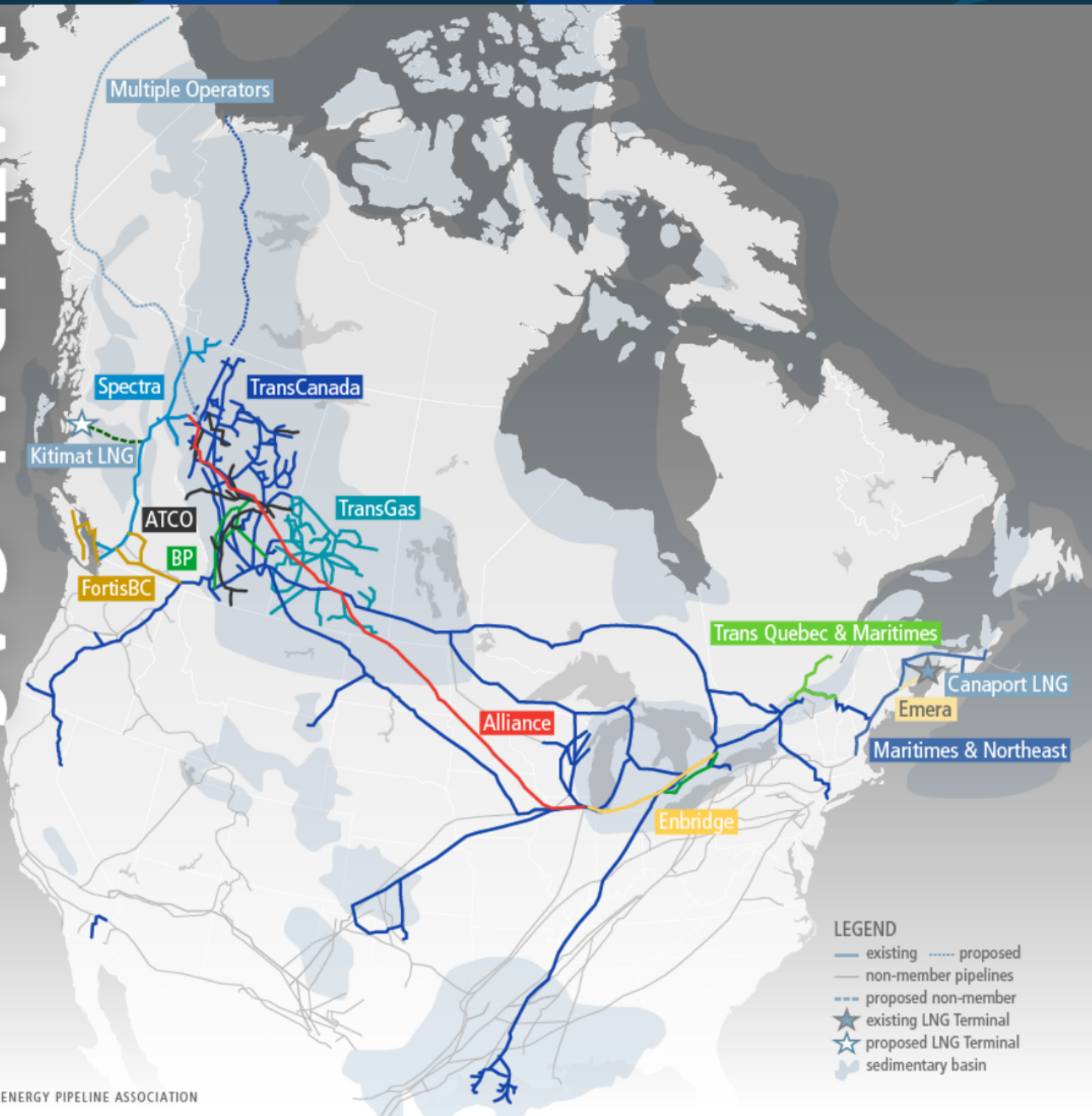
Definition

- **Major energy resource**
- **Transport crude oil and raw natural gas over long distances from producing regions to refineries and processing plants all over Canada and the World**

Canadian & U.S. Crude Oil Pipelines and Proposals



NATURAL GAS PIPELINES



Construction

Oil pipelines

- made from steel or plastic tubes with inner diameter typically 4 to 48 inches (100 to 1,220mm)
- buried at a depth of about 1 to 2 meters

Gas pipelines

- constructed of carbon steel with inner diameter of typically 2 to 60 inches (51 to 1,524 mm)
- buried at a depth of about 2 meters



Impact & Corrosion Protection

External

- **concrete coating**
- **rockshield**
- **polyethylene**
- **yellow jacket**



Internal

- **corrosion inhibitors or chemical substances are added to decrease corrosion rates**