

Safe Systems 24/7/365

To keep everything running safely and reliably, we constantly monitor thousands of points along our systems, and we keep track of every barrel to confirm that the amount of crude oil entering our pipelines precisely matches the amount we deliver. We also use computer models running live data from our systems to double-check our performance on the spot, and we gather input from our aerial and ground surveys, and from the public through our hotlines.

This approach helps us prevent trouble before it occurs and to spot any problems and react quickly.



Eyes in the sky

We regularly fly all of our 28,000 km (17,500 miles) of crude oil pipelines, watching for potential issues including excavation or activity near our lines that might pose a risk to safety.

Talking to our neighbors

We communicate with our neighbors and the communities where we operate so that they are aware of the work we are doing and know how to stay safe around our facilities and pipelines.

Eyes on the ground

All along our pipeline rights-of-way and throughout our natural gas distribution networks, Enbridge staff watch for, report and respond to any potential problems with our systems.



Preventive maintenance digs

When an in-line inspection finds something that requires a closer look, we excavate the pipe at that location so that we can examine it and make any necessary repairs.

With some digs we find that no repair is required, but each dig adds to our overall knowledge about the line's condition and allows us to compare what we're seeing first hand with the data gathered by the in-line inspection tools.



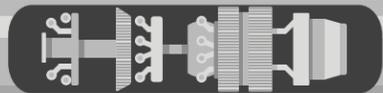
Building and maintaining strong pipelines

Before any construction occurs we work with landowners, First Nations/Native Americans, our neighbors, environmental groups and regulators to plan pipeline routes that minimize environmental impact and land disturbance.

We start with precisely manufactured pipe and, during construction, we inspect each weld using X-ray or ultrasound.

Once they're running, moving the energy society counts on, we constantly monitor our pipelines for any signs of trouble and operate them in a way that protects their reliability.

We also work with the rest of the industry to advance the science of leak detection and pipeline inspection so that our systems become safer over time.



In-line inspection tools help us monitor our pipelines from the inside out. They use technology adapted from medical science, such as ultrasound and magnetics, to scan the walls of our pipelines millimeter by millimeter.