

# Reducing our environmental footprint.

At TC Energy, we are committed to protecting the environment.

We recognize that how we interact with the environment is of vital importance to you. Our Environment Principles of environmental stewardship, protection and performance, guide our decisions every day when building and operating energy infrastructure.

We work to minimize our environmental footprint as we strive to meet the energy needs of North Americans. We're committed to protecting the environment throughout the complete life cycle of our assets, from business development to project planning and design, through construction and operations to remediation and final decommissioning.

## Considering new projects

We care deeply about protecting the environment and consider potential effects on the environment when developing new projects. As an organization with diverse businesses in natural gas and liquids transportation and storage and power generation, we are evolving to support the world's future energy demands.

We continue to advance investments in projects displacing coal-fired electricity generation, reducing methane and GHG emissions, expanding renewables, and supporting critical research. This includes our U.S. natural gas modernization program, our two new developing solar and pumped hydro storage projects, and Bruce Power's partnership in creating the Centre for Next Generation Nuclear Technologies. We believe that we have a critical role to play in delivering responsibly-produced North American energy while also protecting our planet.

## Project planning and design

Working with scientists, biologists, engineers and other experts, TC Energy completes environmental impact assessments for our projects. The environmental impact assessment includes field studies which examine existing natural resources and land use along our proposed project footprint, such as vegetation, soils, wildlife, water resources, marine ecosystems, wetlands, and protected areas. We also work closely with the local community and Indigenous groups who know their land well and rely on

*For nearly four years, we worked closely with Monongahela National Forest scientists, biologists and other experts during the planning, permitting and construction phases of the WB Xpress natural gas pipeline in West Virginia to ensure forest resources were protected.*



their knowledge to improve our own planning. We engage with them early and often in the process to identify and understand their use of the lands and any additional unique environmental concerns.

Information gathered from the environmental impact assessment is used in design considerations including pipeline route selection and facility site selection and to inform project-specific environmental protection plans.

## Construction

Before construction begins, we engage contractors and suppliers who align with TC Energy's commitment and approach to the environment, communities and Indigenous groups.

In order to conserve and protect the environment through construction and into operations, information gathered for the environmental impact assessment during the design and planning stage is used to develop project-specific environmental protection plans. These plans may include measures such as avoiding habitat of sensitive species, restricting construction during wildlife activity periods, selecting specific construction methods designed to reduce impact on plant habitat and more.

Our post-construction reclamation and monitoring program ensures that the essential biophysical characteristics of the land are proactively managed. This ensures that equivalent land capability and biological diversity are maintained or reestablished after construction.

## Operations

TC Energy has an extensive environmental management program to ensure ongoing, day-to-day protection of the environment, including detailed operating procedures, extensive employee training and routine inspections and audits. We also have a comprehensive Emergency Management System designed to protect the health, safety and welfare of people, and avoid effects to property, company operations or the environment in the event of an emergency.



## Remediation, decommissioning and retirement

We are dedicated to the protection of people and the environment when completing any necessary remedial activities, such as mitigating impacts from historical operating activities and spills. Our comprehensive environmental risk management framework ensures that beneficial and leading edge remedial strategies are applied.

At the end of a pipeline's life cycle, the asset is taken out of service with as much thought and care as when it was proposed and constructed. TC Energy continually strives to be an industry leader when completing decommissioning or permanent retirement (a process called "abandonment" by regulators) activities by maximizing system performance while balancing customer requirements. When a pipeline needs to be decommissioned (cleaned, capped and maintained) or permanently retired, the process is managed through a regulatory structure which considers environmental and social impacts on the localized ecosystems and communities in which the facilities operated. This robust process ensures that the effects of our developments on the land are not permanent and enables the return of the site to a state of equivalent land capability.

TC Energy has a more than 65-year track record of responsible development and reliable operation of North American energy infrastructure. Throughout the entire life cycle of the asset, we remain committed to managing our assets safely and responsibly.

To read more about environmental stewardship, protection and performance at TC Energy, please visit [TCEnergy.com/Sustainability/Environment](https://www.tchenergy.com/Sustainability/Environment).

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**Contact us**

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[TCEnergy.com](https://www.tchenergy.com)