

# Reducing our environmental footprint

At TransCanada, we are committed to protecting the environment. Not just because we have to, but because we want to.



*Through the life cycle of our assets, we are committed to protecting natural resources like Wildhorse Creek, which crosses our Cushing Tank Terminal facility in Oklahoma.*

**We recognize that how we interact with the environment is of vital importance to you. It is to us, too. That's why TransCanada's updated Environment Strategy reflects our long-term corporate culture when it comes to environmental stewardship, protection and performance. It guides 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

Because we care about protecting the environment, TransCanada has integrated environmental principles into our business development strategy. Our business strategy includes finding opportunities where we can replace or improve North America's energy infrastructure for the future. We are also helping North America transition away from coal-fired power by building new efficient power plants, investing in nuclear and renewables and providing clean-burning natural gas to emerging markets in Asia and Mexico.

## Project planning and design

TransCanada 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, such as vegetation, soils, wildlife, water resources, wetlands, and protected areas. Also integral to the environmental impact assessment process is TransCanada's engagement with stakeholders and Indigenous communities 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.



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## Finding the right contractors and suppliers

Since we are committed to protecting the environment in all our projects, TransCanada strives to engage contractors and suppliers who align with TransCanada's commitment and approach to the environment, communities, governments and Indigenous peoples. Suppliers come to understand our standards through communication and training on corporate policies and procedures and the full life cycle management of supplier performance.

## Construction

In order to conserve and protect the environment through construction and into operations, information gathered for an environmental impact assessment is used to develop project-specific environmental protection plans. TransCanada's post-construction reclamation and monitoring program ensures that the essential biophysical characteristics are proactively managed. This ensures that equivalent land capability and biological diversity are maintained or reestablished after construction.

## Operations

TransCanada 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. TransCanada also has 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 and decommissioning

TransCanada is 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 the most beneficial and leading edge remedial strategies are applied.

TransCanada continually strives to be an industry leader when completing decommissioning activities by maximizing system performance while balancing customer requirements. When an asset needs to be decommissioned – or permanently taken out of service – 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 TransCanada's developments on the land are not permanent and enables the return of the site to a state of equivalent pre-construction land capability.

To read more about environmental stewardship, protection and performance at TransCanada, please see **TransCanada's 2015 CSR Report** available at [www.transcanada.com](http://www.transcanada.com).

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