

Protecting the land

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



TransCanada's pipelines have run through the Waldron Land Cooperative for over 60 years. We also worked with Nature Conservancy Canada to conserve this beautiful and iconic ranch land in southern Alberta.

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.

We do all we can to minimize our land disturbance. For more than 65 years TransCanada has successfully reclaimed hundreds of thousands of acres of land in many different ecological regions following the construction of pipelines and other facilities throughout North America.

Caring for the land

TransCanada has a long-standing commitment to protecting the environment where we work and live. We believe that when we build an asset, we temporarily borrow the land. Once our projects are built, TransCanada reclaims the land to equivalent capability. Our commitment to the protection of the land does not end with successful reclamation after construction. During operations and throughout the life of our assets, TransCanada follows a comprehensive environmental management program

and continues to collaborate with stakeholders and Indigenous communities, respecting the cultural and environmental aspects of the lands we operate within.

One of the ways we minimize impacts to the land is to parallel existing rights-of-way and collocate facilities when building new infrastructure. For instance, one of the benefits of the Energy East Pipeline project is that almost 70 per cent of the pipeline is already in the ground. Of the remaining 30 per cent, more than half will run alongside existing industrial rights of-way and infrastructure. All of this will reduce the project's environmental impact from the outset. The development of Energy East's environmental impact assessment included field work in more than 180 individual municipalities and analysis by over 900 scientists.



TransCanada is committed to ensuring we leave the land in a condition that is equal to or even better than we found it.

TransCanada hasn't just moved ahead in terms of reducing our own environmental impacts; we've helped the whole pipeline industry. We are currently invested in numerous large-scale research projects, like studying the use of ultraviolet light to clean up contaminated soil. We also supported the innovative Subsoil Pelletizer Research Project, which involved the injection of compost material pellets into the subsoil along pipeline corridors to enhance how quickly plants grow back after pipeline construction.

We treat the environment with respect, demonstrate high environmental standards and ensure environmental commitments made to our stakeholders are viewed as requirements.

We also work with environmental partners who help solve issues and promote solutions.

TransCanada supported the Nature Conservancy of Canada in their efforts to conserve almost 31,000 acres of natural ranching lands in the slopes of eastern Alberta with the Waldron Grazing Co-operative Ltd. It is the largest conservation easement in Canadian history. TransCanada has three pipelines that cross through the Waldron lands, all of which have been there for more than 60 years. The Waldron project is a great example of environmental conservation and energy infrastructure coexisting.

Performance and recognition

We measure and report on our performance each year in our Corporate Social Responsibility report. In 2016, TransCanada's achievements in environmental, social and economic performance were recognized with a gold class distinction – along with 'Industry Leader' and 'Industry Mover' awards – in RobecoSAM's globally recognized Sustainability Yearbook 2016 publication. We were also named to Corporate Knights' list of Best 50 Corporate Citizens in Canada. In 2015, TransCanada achieved a score at the 100th percentile on the Dow Jones Sustainability Index (DJSI), earning rankings on DJSI's North America and World Indices. Further, we were named to the Climate Disclosure Leadership Index by the CDP for our actions to disclose carbon emissions and our strategy to mitigate the business risks of climate change.

To read more about environmental stewardship, protection and performance at TransCanada, please see **TransCanada's 2015 CSR Report** available at **www.transcanada.com**.

Contact us at:

TransCanada 1.800.661.3805

www.transcanada.com