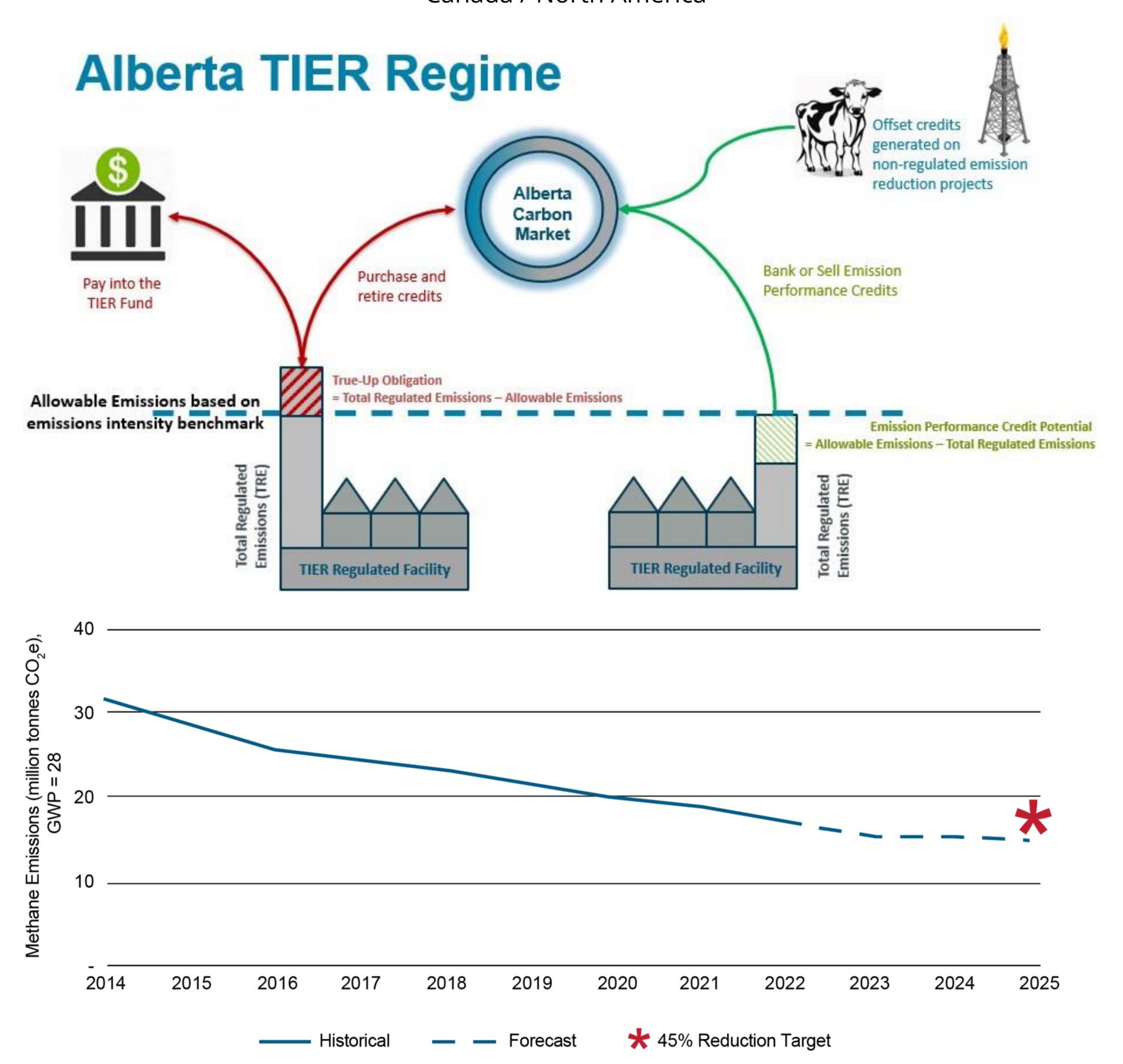


## Alberta Oil and Gas Methane Emission **Reduction Framework**



Canada / North America



## **PROJECT DESCRIPTION**

Alberta was among the first jurisdictions globally to enact flaring emissions requirements. Alberta was also the first government in Canada to set a methane reduction target for the oil and gas sector, committing to reducing these emissions by 45% from 2014 levels by 2025.

Alberta leverages a combination of tools to drive quicker and greater methane emissions reductions than regulation. This includes incentive based programs, such as verified offset credits and investments into research and development, enabled by Alberta's emissions pricing and trading system, the Technology Innovation and Emissions Reduction regulation. Alberta's methane reduction framework was developed in engagement with industry, environmental groups and researchers.

Methane reduction action continues to be prioritized through Alberta's Emissions Reduction and Energy Development Plan. Alberta will advance new or enhanced approaches to further reduce methane emissions in support of a carbon neutral economy by 2050.

## **RESULTS ACHIEVED**

- In 2022, Alberta achieved its goal of reducing methane emissions from the conventional oil and gas sector by 45%, three years ahead of the 2025 target year.
- Complementary programs, including the upgrading of 58,000 pneumatic instruments in advance of regulations. Investment in methane emission reduction programming resulted in an estimated 17 metric tons carbon dioxide equivalent of emission reductions through technology development and implementation.
- Alberta approved alternative fugitive emissions management programs covering approximately 10,000 facilities with 9 performance reports publicly available for others to evaluate and learn from various pilot programs.

## PARTNERS INVOLVED IN PROJECT

- Government of Alberta
- Alberta Energy Regulator

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