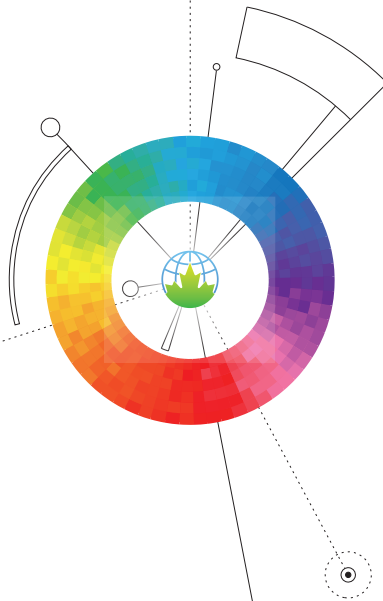


2017
CANADIAN
CLEAN TECHNOLOGY
INDUSTRY REPORT



GUEST EDITORIAL:
**QUESTOR
TECHNOLOGY**



Carbon Mitigation Through Innovation

Audrey Mascarenhas

President and CEO, Questor Technology

There is a global focus on addressing climate change by investing in carbon-capture technology. But methane, by either capturing or combusting it, is another path to achieving the goal of limiting global warming to 2°C.

According to the World Bank, the oil and gas industry alone wastes by flaring and venting over 14 billion standard cubic feet of gas a day—the energy equivalent of 4 million barrels of oil. It is being wasted because it is uneconomic to capture. When this gas is flared it not only has an impact on climate change, but impacts air quality and contributes carbon black soot to the atmosphere.

From a climate perspective, over a hundred-year period methane is twenty-five times worse than CO₂. In other words, when methane is vented to the atmosphere, it contributes nine times the tonnage of CO₂ equivalent than if this gas had been combusted or captured. Over a twenty-five-year period, methane is eighty-five times worse, which means it contributes forty times more CO₂ on a tonnage basis. It is reported that 25 percent of the world's GHG emissions come from methane. Accordingly, the USA, Canada, and Mexico signed a joint agreement to reduce methane emissions by 45 percent by 2025 through innovation and technology.

Questor Technology, founded in 1994, has a proven and patented 99.99 percent efficient clean combustion technology that is being deployed globally to deal with waste gas and methane. The company has also developed technology to convert waste heat to power with support from SDTC. Waste heat to power has no emissions and could be a significant contributor to cleaner energy.

In Colorado, they are providing their technology solution to the Energy industry, enabling them to meet their performance-based emission regulations and address community concerns. The majority of our company's rental fleet has been moved from Canada to Colorado.

In Canada, without clear performance-based policy on emissions and air quality, the technology is not as widely deployed as it could be. With this technology Canada could not only address our methane emissions, but also North America's and the world's.

To be a player in the growing global cleantech market, Canada must figure out how it is going to help support the many innovative companies that are here ready to scale-up.



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