

### **Challenge Synopsis:**

Reducing methane emissions is a priority for Canadian Natural. One aspect of their methane reduction strategy is being able to inventory and detect methane leaks throughout their operations. As a result, they are seeking passive methane leak detection technologies.

### **Challenge Statement:**

Canadian Natural is looking for methane leak detection solutions that use passive technologies (i.e. do not require human intervention). They are particularly interested in technologies that can detect methane from greater distances. This can include truck mounted, aerial, and/or satellite.

### **Context:**

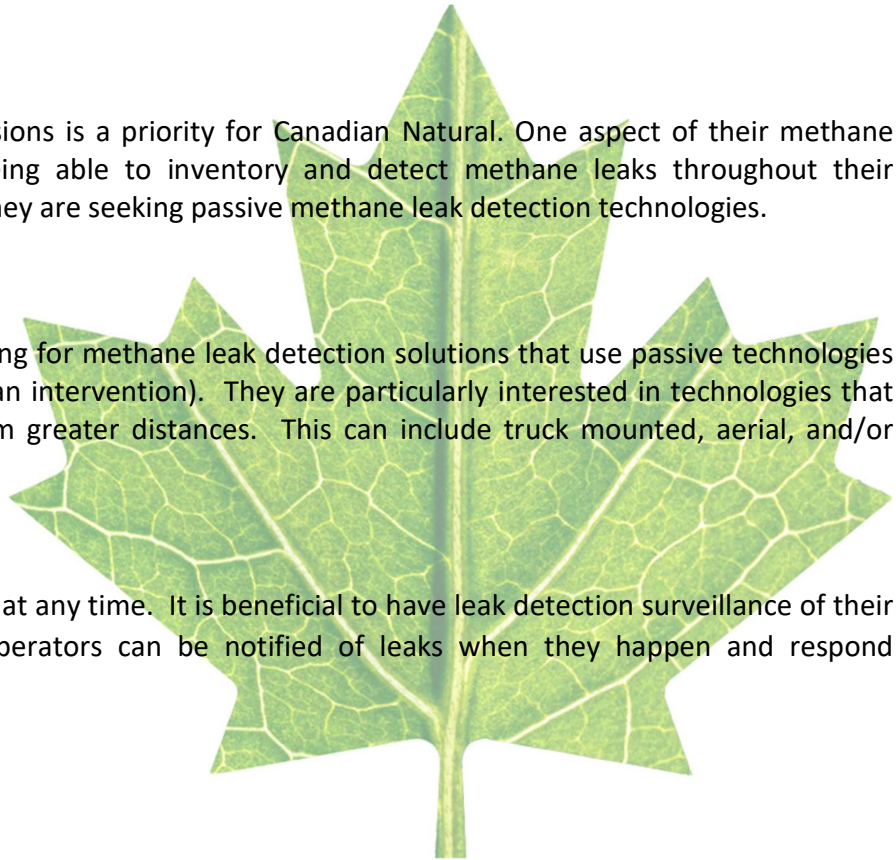
Methane leaks can occur at any time. It is beneficial to have leak detection surveillance of their operations, such that operators can be notified of leaks when they happen and respond accordingly.

### **Response Criteria:**

- Preference will be given to technologies that can monitor multiple sites and are capable of quantifying the size of the leak.
- All solutions need to be accurate, with limited false positives.

### **The Opportunity:**

- Potential to discuss your technology (if selected) with one of Canada's largest and most diversified energy companies
- Meet new customers and enter new markets with your product





### **About Canadian Natural:**

Canadian Natural is an effective and efficient operator with a diversified portfolio of assets in North America, the UK North Sea and Offshore Africa, which enables us to generate significant value, even in challenging economic environments. We continually strive for safe, effective, efficient and environmentally responsible operations while executing economic development of our diverse asset base. Our balanced mix of natural gas, light crude oil, heavy crude oil, bitumen and synthetic crude oil (SCO) represents one of the strongest and most diversified asset portfolios of any independent energy producer in the world.

\*\*\*Only non-confidential information should be included in your response \*\*\*

