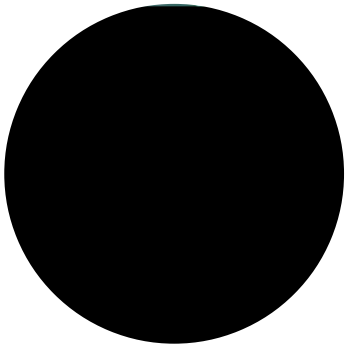
# Seeking Cost-effective Biocides for the Treatment of Sulfate-reducing Bacteria in Source Waters



Cenovus Energy, one of Canada's leading energy producers and a key player in the global oil market, is seeking novel, cost effective methods for the treatment of sulfate reducing bacteria (SRB) in source waters used for drilling water treatment. This treatment could involve chemical methods or alternatives to chemical addition, including biological or physical control methods.

## Approaches of Interest:

- Approaches offering cost-effective alternatives to current biocides used for drilling water treatment.
- Chemical, biological, and physical control methods for SRB in source water.
- Biocides developed for use in other industries which could be applied to drilling water treatment.
- Scalable approaches applicable to volumes of 1000$m^3$ and greater.

## Out of Scope:

- Biocides already used commercially in drilling water treatment.
- Applications which cannot be scaled for application to large volumes.

## Developmental Stages of Interest:

- TRL5 and TRL6 are priority stages of development, although earlier stages will also be considered.
- Proof of scalability is preferred but not required, provided that proof of concept has been established.

## Submission Information:

Submission of one-page, 200–300-word briefs is encouraged, along with any optional supplementary information e.g. relevant publications, patents, or slide decks. Completion of this submission form is highly recommended. In submitting to this campaign, you confirm that your submission contains only non-confidential information. Submissions from small and medium sized enterprises (SMEs) will also be accepted.

## Opportunity for Collaboration:

Our client is open to a range of collaboration opportunities, with the most appropriate outcome being decided on a case-by-case basis. Example outcomes include research collaborations and pilot opportunities.