

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 1000m³ 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.

Opportunities sought

-  Technologies
-  Academics and expertise
-  Centres of excellence
-  Research projects
-  Spinout companies

Submissions

Please submit relevant, non-confidential opportunities to **Roisin McNally** at rmcnally@usf.edu

Deadline: **8th November 2024 - 4:59 pm GMT**

Have any questions?

Contact **Roisin McNally** at rmcnally@usf.edu