



UNIVERSITY OF CALGARY

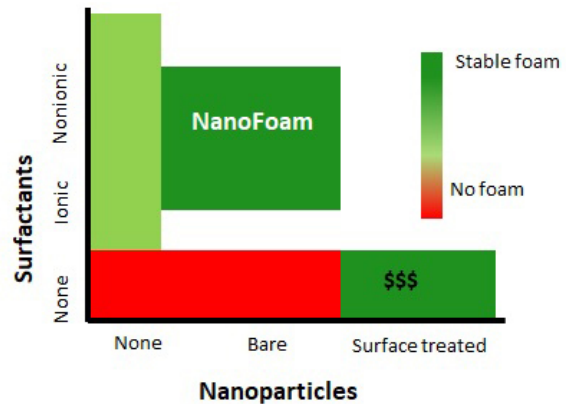
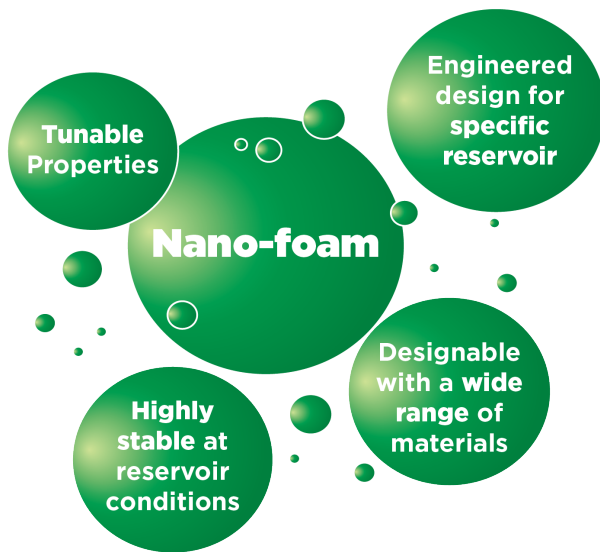


CNERGREEN
Clean and Efficient Hydrocarbon Production

Designing High-Performance Fluids

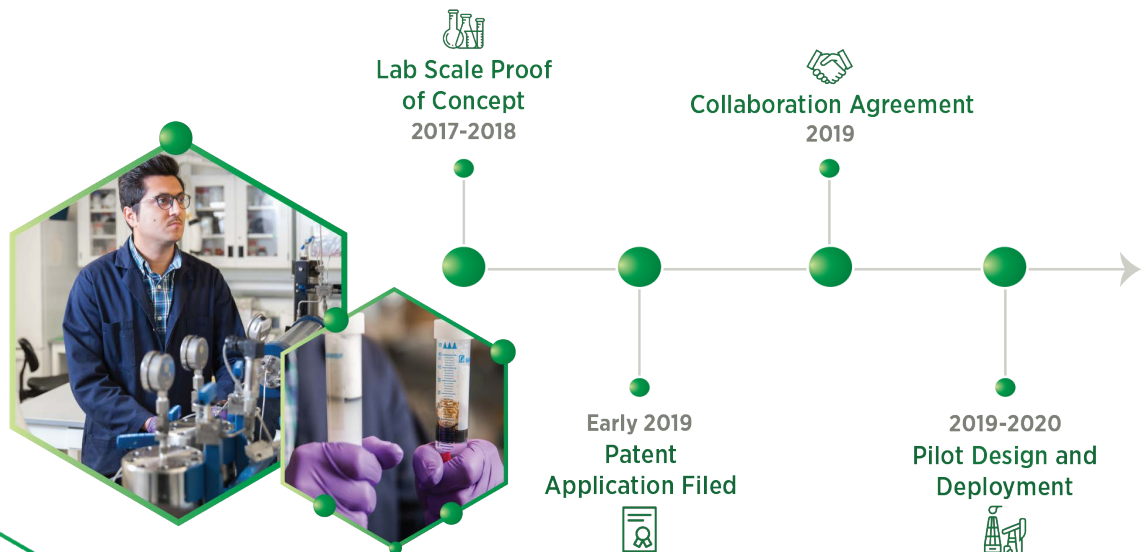
CNERGREEN designs high-performance fluids, like nanofoam, compatible with existing processes and infrastructures for enhanced oil recovery (EOR).

CNERGREEN's products enable more responsible oil production by increasing the efficiency of EOR through lower costs and accelerated timelines, and promotes more sustainable EOR through a reduced environmental impact of production, avoided emissions of CO₂, and the ability to implement this technology in reservoirs already developed.



CNERGREEN is currently establishing a collaboration agreement with a major industrial gas company to field-test our patent pending technology on CO₂ foam with an oil producer whose CO₂ injection projects are nearing their economic limit.

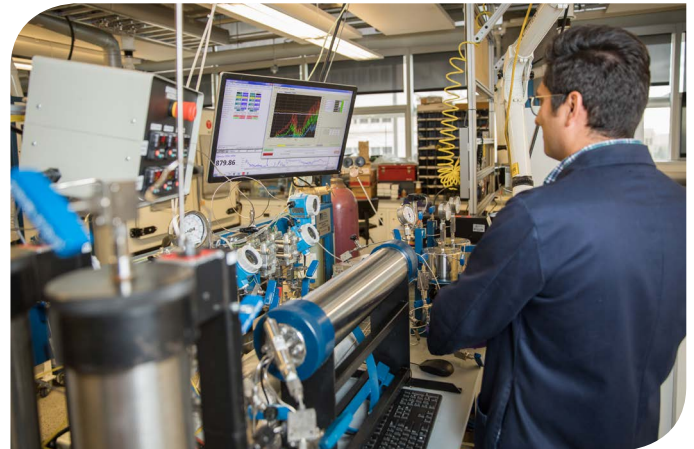
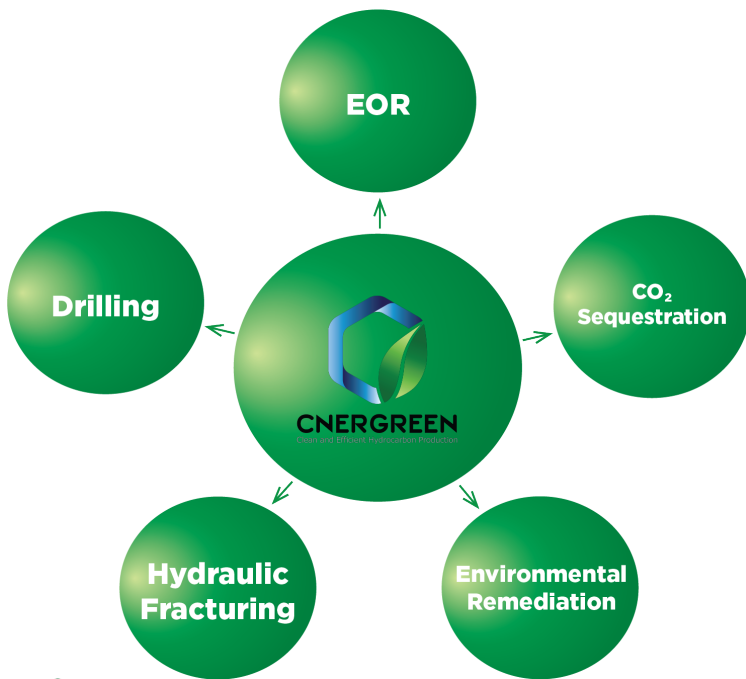
Nano-foam Development Roadmap



CNERGREEN's core technology integrates advanced material science with classical reservoir engineering to create novel solutions for long-standing challenges for recovering oil from mature and low-efficiency reservoirs.

Our platform technology can be utilized in other applications including hydraulic fracturing and environmental remediation. Advantages of our technology:

- IP protected
- high performance with tunability
- easy adoption for commercial application



Our Objectives

- Demonstrate tunable foam properties for a wider range of reservoir conditions, including salinity, temperature (i.e. thermal recovery), and oil composition.
- Field test our patent pending foam injection strategies which generate faster and deeper foam propagation, while using less chemical, compared to that of conventional foam injection strategies.
- Establish a joint industrial project to develop and field test our products.

Contact

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