

Eliminating Oil Sands Tailings Ponds

Processing Alberta's oil sands tailings ponds using proprietary Ionic Liquids

CalAgua Innovations Corp. has developed a patented* solution for permanently dewatering Alberta's 1.4 trillion litres of oil sands tailings ponds. This process is a permanent treatment, with additional dewatering over time from gravity and weight of tailings. This technology offers improved shear stability and solids can be moved after settling.

Value Proposition

- Simple process: Low OPEX system integrates into existing equipment
- Reusable previously "unusable" water
- Revenue generation: Extract valuable elements



Commercialization is already underway*. Partner with us to take advantage of groundbreaking technology with real-world applicability.

Contact

Brian Mellor - President & CEO

Brian.Mellor@calaguainnovations.com

Paula Berton - CSO

Paula.Berton@calaguainnovations.com

Steven Bryant - Founder

Steven.Bryant@calaguainnovations.com



Designer Ionic Liquids as Platform for Disruptive Energy Technologies

Each challenge in the energy industry requires a unique solution, and we have developed a platform based on the design of ionic liquids. We develop technologies with higher performance and a smaller environmental footprint.



Kerogen Extraction
from Oil Shale

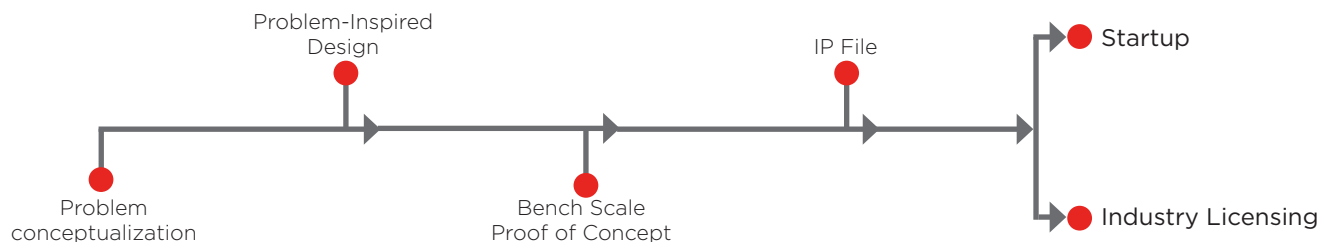


Room Temperature
Bitumen Extraction



Tailings Treatment

Commercialization Roadmap



Partner with us to take advantage of groundbreaking technology with real-world applicability.

Contact

Paula Berton
Paula.Berton@ucalgary.ca

Steven Bryant
Steven.Bryant@ucalgary.ca