



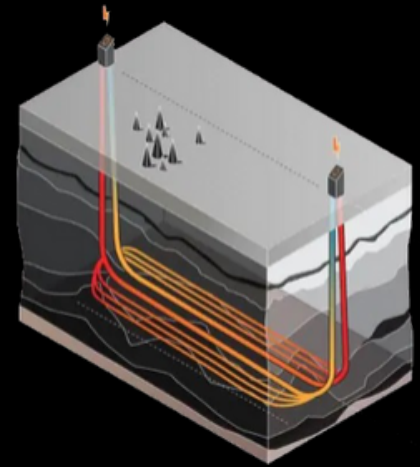
Eavor[™]

Media Kit

Introducing the worlds **first**
truly scalable form of clean
baseload energy.

The **First Truly Scalable** Form of Clean Baseload Power

Eavor's solution (**Eavor-Loop™**) is an industrial scale energy generation system that mitigates or eliminates many of the issues that hinder other renewable forms of energy production. Eavor isn't burdened with exploratory risk, limited to niche geographies, process intermittencies, grid connectivity or locating concerns. Much like a massive subsurface radiator an Eavor-Loop™ simply collects energy from the natural heat gradient of the Earth via a highly **efficient conductive** system.



Eavor is the **Solution** the **World** Has Been Waiting For

As a completely closed-loop system, we circulate a benign working fluid which is isolated from the environment and therefore is scalable globally **without** fracking, GHG emissions, earthquake risks, water use, produced brine or solids or aquifer contamination. Eavor-Loop™ produces much-needed **reliable** baseload power.



Our People

More at [Eavor.com](https://www.eavor.com)



John Redfern - President + CEO

John Redfern is an expert investor, advisor and serial entrepreneur in the data analytics, oil service and energy tech verticals. John spent his career in executive roles at multiple international oil co's and oil service co's including as a Director at Hess in London, President of Accumap in Calgary and President of IHS Energy in Denver. Prior to Eavor, John spent 13 years in China co-founding a series of start-ups, the most recent of which is LocalGravity, the leading retail data analytics platform in China. As a director, executive and advisor over the years, John has specialized in commercial strategy, negotiations, alliancing, M&A, and private equity. John holds a degree in Engineering Physics from Queen's University in Kingston, Law degrees from McGill University in Montreal, and an MBA degree from INSEAD in France. [+LinkedIn](#)



Paul Cairns - Chief Business Development Officer / Director

Paul Cairns has spent close to 20 years in the energy and technology verticals with a focus on development and incubation of new ventures. He has been on the executive team that has spanned the entire start-up life-cycle and brought firms from initial inception to IPO. After years with Acumen Capital Partners and Stephen Avenue Securities, Paul Founded Cairns Capital Corporation to provide capital solutions to the energy and technology sectors. Paul is a well-known incubator and developer of new and IP-grounded ventures. Paul is based in Calgary and holds a Bachelor of Commerce degree from the University of Calgary. [+LinkedIn](#)



Our People

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Ryan Michaluk - Chief Financial Officer

Mr. Michaluk brings over 30 years of accounting and finance experience, including 10 years as CFO of publicly traded companies in the oil and gas (Fairmount Energy Inc.) and energy services industries (IROC Energy Services Corp. and CWC Energy Services Corp.). Prior thereto, Ryan was the Controller and Senior Director of Finance for Dynegy Canada Inc., a natural gas, crude oil, and electricity marketing and trading firm, where he also developed Dynegy Canada's retail electric settlement and billing systems. Ryan is a Chartered Professional Accountant, Chartered Accountant, and Certified Managerial Accountant and holds a bachelor of Commerce degree from the University of Saskatchewan. [+LinkedIn](#)



Jeanine Vany - Executive Vice President

Jeanine Vany is an APEGA registered professional geologist with a career spanning over 15 years in the oil and gas industry. Her experience ranges from reservoir characterization, drilling and operations to full field delineation strategies, asset management, and acquisition. Ms. Vany has spent her career at foremost E&P companies such as EnCana, Devon and Total. She joined GLJ Petroleum Consultants in 2012, where she led the geoscience aspects of in-situ reserves and resource evaluations in addition to working deep basin unconventional plays. With a passion for people, projects and technology development, Ms. Vany led GLJ's first oil sands technology panel, created and taught GLJ's In-Situ Resource and Reserves course for industry professionals and spearheaded new business initiatives for the firm in unconventional resource plays. Jeanine holds an Honours B.Sc degree in Geology and Environmental Studies from Saint Mary's University and a Business Essentials Certificate from the Haskayne School of Business, University of Calgary. [+LinkedIn](#)



Derek Riddell - Executive Vice President / Operations

Derek Riddell is an expert in upstream energy operations. Over his nearly thirty years in the business, Derek has amassed a resume of adding tremendous value to operational efficiency and strategic processes, most recently as the VP Operations at RMP Energy Inc. He started his career at Rising Resources Ltd in 1992 and held positions of increasing responsibility in various roles at Gardiner Oil and Gas Ltd., Poco Petroleums Ltd., Burlington Resources Canada Ltd., and Rider Resources Ltd. Mr. Riddell earned a Bachelor of Applied Petroleum Engineering degree and a diploma in Petroleum Engineering Technology from the Southern Alberta Institute of Technology. He is a registered member of the Association of Professional Engineers and Geoscientists of Alberta (APEGA) and Saskatchewan (APEGS) as well as the Society of Petroleum Engineers (SPE).



Our People

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Matt Toews - Chief Technology Officer

Matt Toews is a professional engineer with over a decade of experience in production and operations with a focus on management and technology development. Fueled by a passion for new ventures and developing projects from the ground up, Toews has produced an extensive portfolio of pilot projects with a successful track record of creating value through technology commercialization. During his tenure at Cenovus Energy, Toews led a team accountable for wellbore design and optimization at Cenovus' thermal assets - which produce an aggregate 370,000 bbl/d. Toews graduated with Distinction from the University of Calgary Oil and Gas Engineering.



Robert Winsloe - Executive Vice President

Robert comes to Eavor with nearly 40 years international business development, sales, marketing and management experience in the energy industry. Graduating with a degree in Mechanical Engineering, he spent the first 7 years living and working in Indonesia, Australia and India for Schlumberger. Returning to Europe he joined IBM as a salesman, before going on to build and manage international sales and marketing organisations for Halliburton and IHS, as well as personally closing multi-million dollar contracts across Europe, Asia and Africa and North and South America. He has been a frequent consultant to the World Bank on projects ranging from energy planning in Angola to infrastructure development and capacity building in Mauritania. In Iraq he worked under the United Nations "oil for food program" and in China advised state companies on strategic gas development.

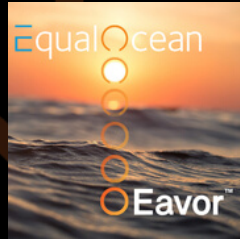


Bailey Schwarz - Lead Engineer

Bailey Schwarz is a professional engineer with a decade of hands on engineering experience that focused on data analytics and process optimization. Ms. Schwarz has a passion for innovation, actively seeking opportunities to trial new technologies and push boundaries. During her tenure at Cenovus Energy, Ms. Schwarz led a multi-disciplinary team of engineers to commission and operate industry leading, large scale steam assisted gravity drainage facilities spanning co-generation, steam generation, processing and water treatment. Bailey graduated with a Degree in Chemical Engineering from McGill University and recently passed her CFA Level I exam.

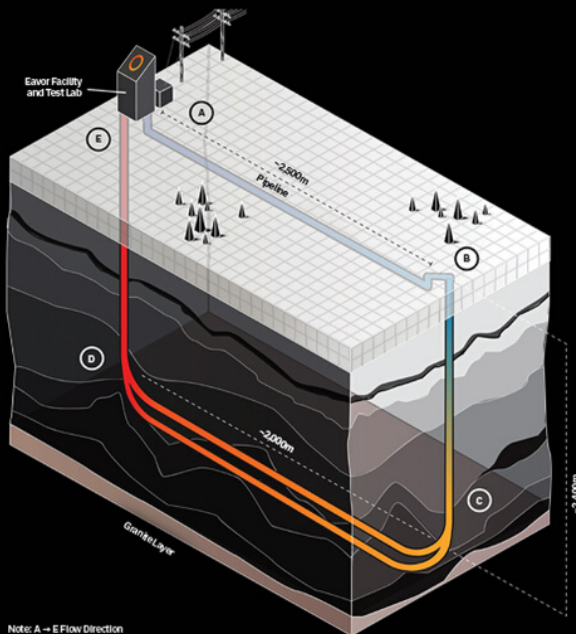


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Eavor-Lite™ Demonstration Project

The Eavor-Lite™ Demonstration Project is a full-scale prototype of the Eavor technology suite. The project site is located near Rocky Mountain House, Alberta. Drilling and construction began in August of 2019. Eavor-Lite™ consists of two vertical wells, joined by two multilateral legs at 2.4km depth, connected by a pipeline at surface. The rationale for this design, which is not intended to be commercially viable, is to build a project that proves and demonstrates all the critical elements of Eavor’s technologies at the lowest cost. This demonstration is designed to achieve the most efficient path to acceptance and commercialization of the technology by project developers and commercial financiers.



Operational Objectives

Phase 1 - Drilling



Phase 2 - Surface Pipeline & Facilities



Phase 3 - Testing



Technical Objectives

Drill and intersect a multilateral Eavor-Loop™ with two laterals



Seal the Eavor-Loop™ while drilling



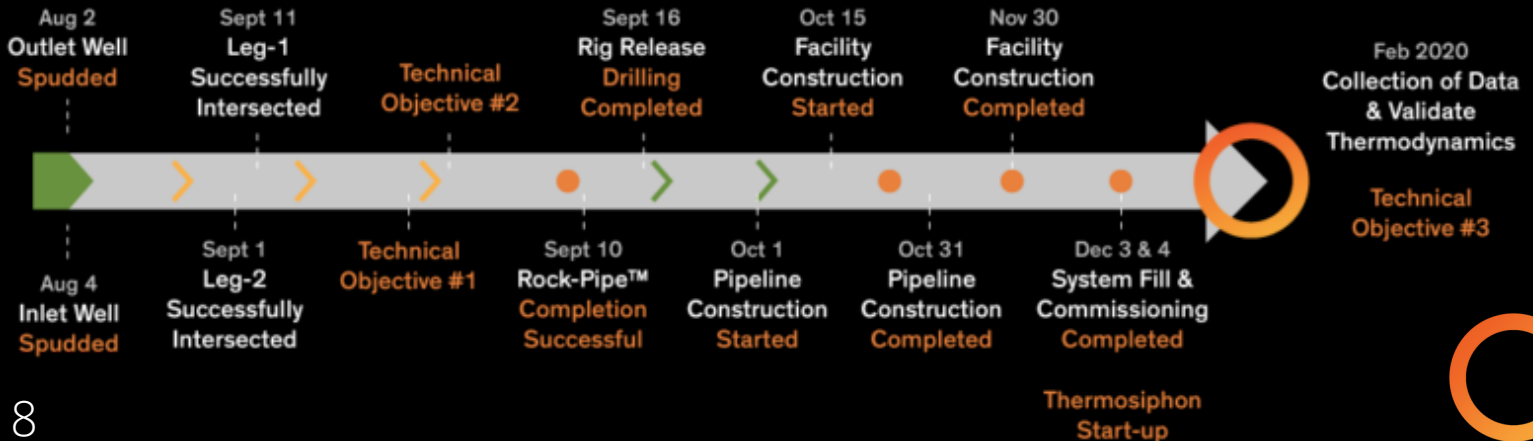
Validate the thermodynamic performance and demonstrate thermosiphon



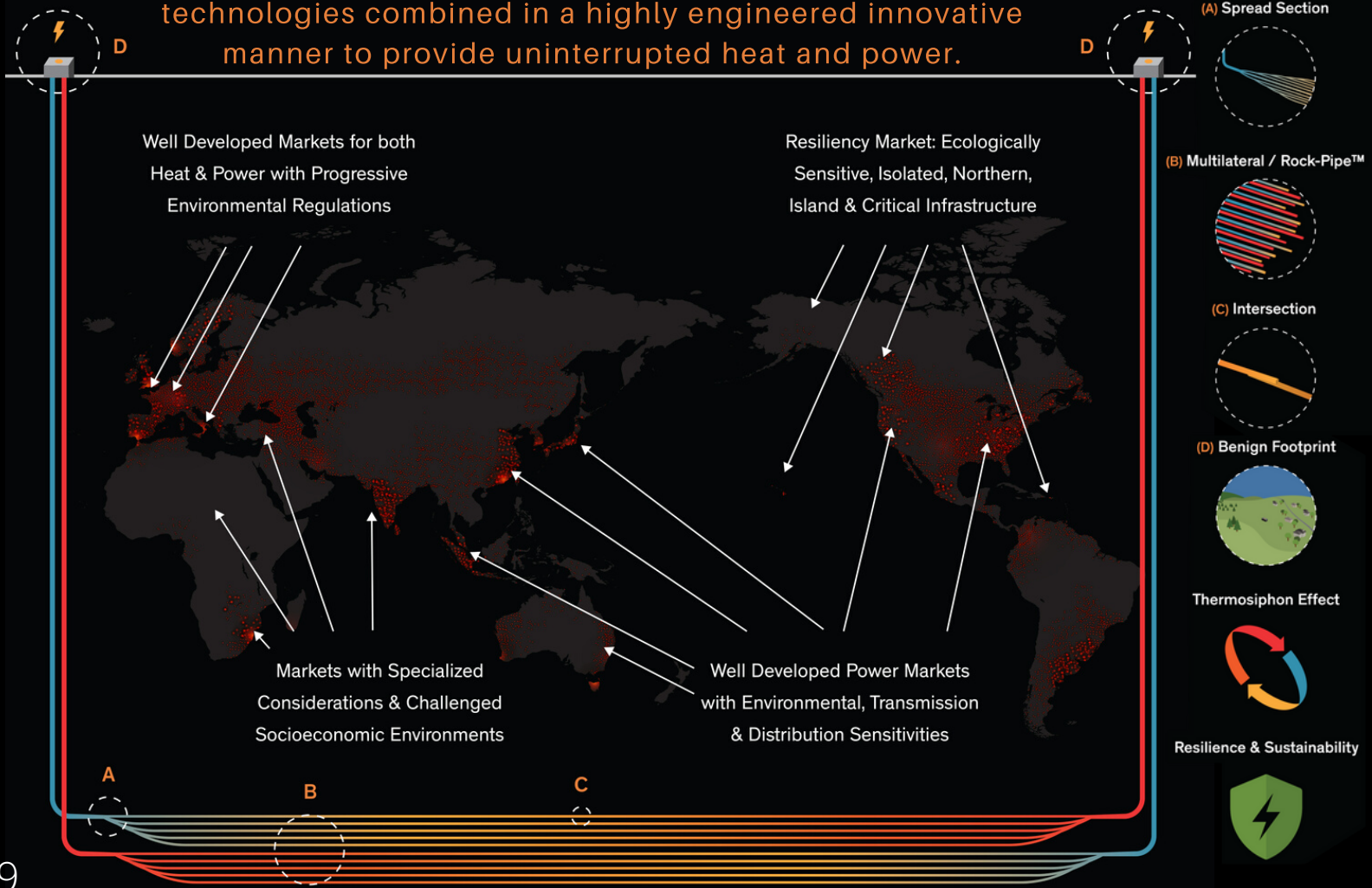
Eavor-Lite™ Demonstration Project

The Eavor-Lite™ Demonstration is designed to achieve the following three technical objectives:

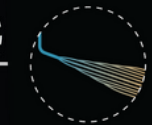
- Drill and intersect a multi-lateral Eavor-Loop™ with 2 lateral wellbores from each vertical wellbore
 - Intersect wellbores/mechanically confirm intersect
- Seal lateral openhole wellbores while drilling
 - Pressure test
 - Maintain circulation rate with negligible leak rate
 - Maintain low solids production
- Validate thermodynamic performance and demonstrate thermosiphon effect
 - Match or exceed thermodynamic model performance
 - Demonstrate thermosiphon control and operation
 - Achieve >90% uptime



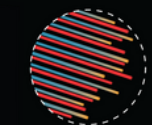
Eavor's Technology consists of patented and standard technologies combined in a highly engineered innovative manner to provide uninterrupted heat and power.



(A) Spread Section



(B) Multilateral / Rock-Pipe™



(C) Intersection



(D) Benign Footprint



Thermosiphon Effect



Resilience & Sustainability



Transforming the Power Industry

Eavor's technology consists of several Patent Pending innovations. An EavorLoop™ is the **connection** of two vertical wells with many horizontal multi lateral wellbores creating a closed buried-pipe system. Eavor's proprietary working fluid is not from a reservoir, it is selected and added at surface, then circulated to **harvest** heat from deep in the earth to be used to generate electricity or in commercial heating/cooling applications.

Change the World ForEavor

Eavor is a technology-based Energy company dedicated to creating a clean, reliable and affordable **energy future** on a global scale. Eavor-Loop™ transforms the world's energy stack, addresses climate change and provides socioeconomic balances: **clean, scalable, resilient baseload** power for everyone, for Eavor.



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