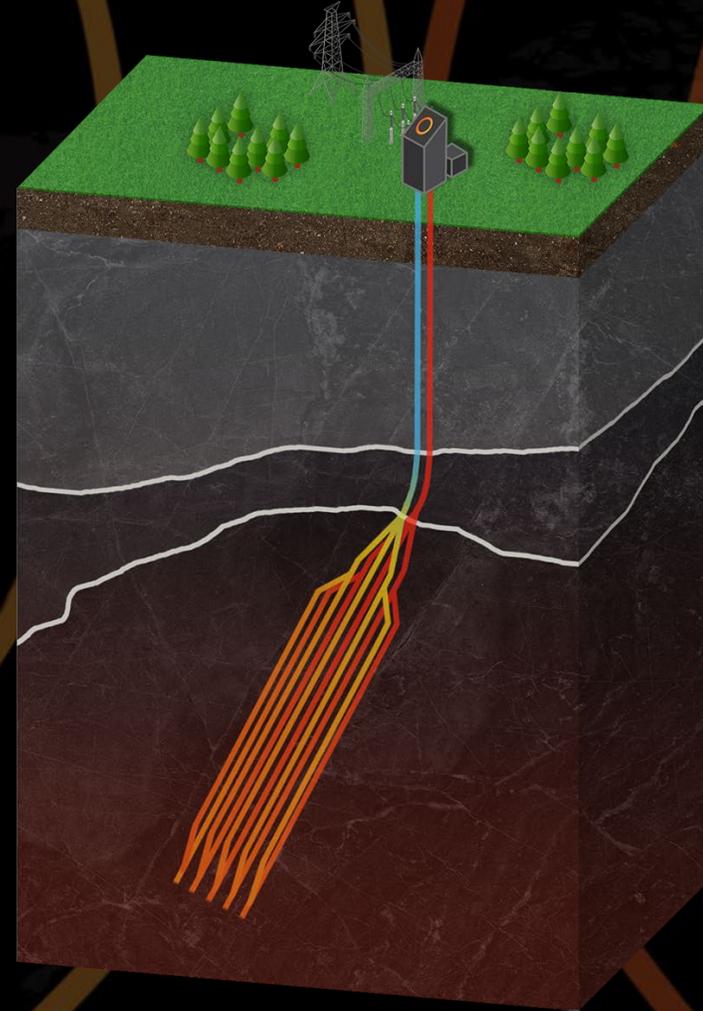


Media Kit

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



Enabling **Local Energy** Autonomy... Everywhere

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

Full Team @ Eavor.com/Our-People



John Redfern
President / CEO



Paul Cairns
Chief Business Development Officer
/ Director



Matt Toews
Chief Technology Officer



Jeanine Vany
Executive Vice President



Roberta Winsloe
Executive Vice President



Bailey Schwarz
Director North American
Projects

Features of Eavor-Loop™

Learn More @ Eavor.com/Technology



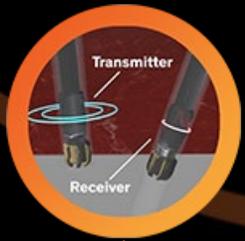
Rock-Pipe™

The profiled multilateral sections are completely separated from the rock and each other using Eavor's protective Rock-Pipe™ completion technology. Working fluids are permanently isolated and contained within the system.



Insulated Drill Pipe

Insulated Drill Pipe (IDP) is key to our hotter/deeper project plans. We have developed & built IDP technology that converts conventional pipe into a means to control bottom-hole temperatures. This serves two purposes; to actively cool off-the-shelf drilling technologies to reach depths and temperatures previously seen as impossible, and to increase drilling speed.



Magnetic Ranging

Magnetic Ranging Technology, a borrowing from the energy services sector, provides us the ability to accurately intersect our wells at a target depth. The process is efficient and safe, using magnetic ranging signals from one BHA to the other.



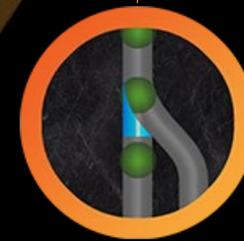
Dispatchability

An Eavor-Loop™ can slow down and even pause its flow, to allow the fluid to stay within the hot rock for a longer period of time and pick up additional charge. The Eavor-Loop™ can then ramp up and dispatch that higher temperature fluid, on-demand when the sun goes down or the wind stops blowing...



Modular Organic Rankine Cycle

The ORC (Organic Rankine Cycle) turbogenerator uses medium-to-high-temperature thermal oil to preheat and vaporize a suitable organic working fluid in the evaporator. The organic fluid vapor rotates the turbine, which is directly coupled to the electric generator, resulting in clean, reliable electric power.



Multilateral Junctions & Whipstock

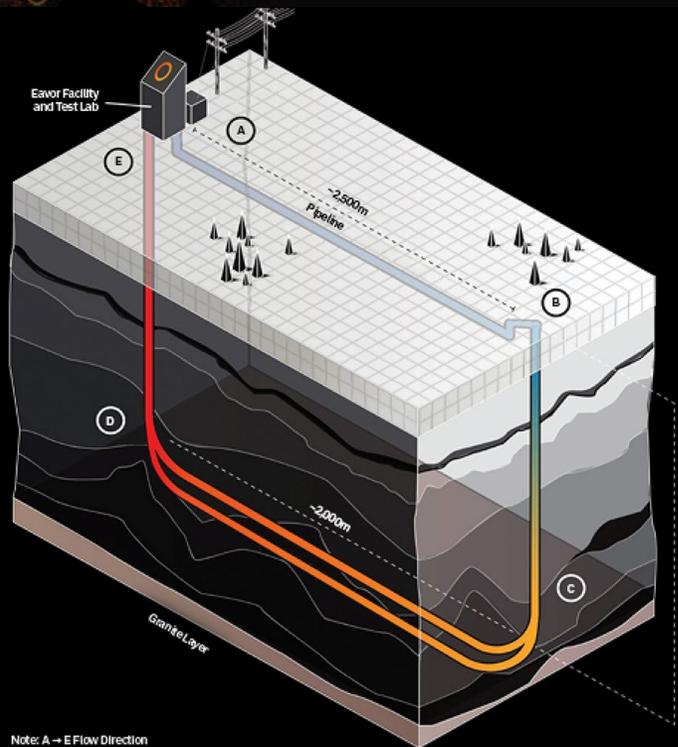
During the drilling process, in the vertical section of the Eavor-Loop™, we create junctions where the multilaterals will be drilled from. The direction of the drill bit is adjusted using a whipstock which is inserted ahead of the drill bit to guide the bit through a specific junction.

Eavor-Lite™ Demonstration Project

Learn More @ Eavor.com/Eavor-Lite

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



Notoriety

- Click to view articles



Awards - [Click to view articles](#)



**ENERGY
EXCELLENCE
AWARDS**
Presented by the
Daily Oil Bulletin

Eavor™

**Environmental Excellence
CHAMPION**



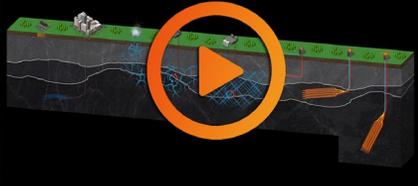
RUGGERO BERTANI
European Geothermal
Innovation Award **2020**



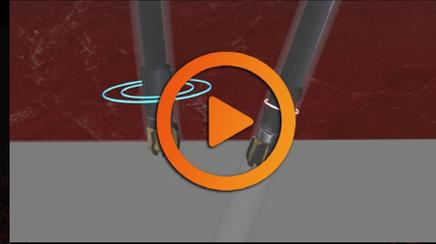
Winner Announced!



Videos



Geothermal Will Change Our World... ForEavor



Ranging & Intersection



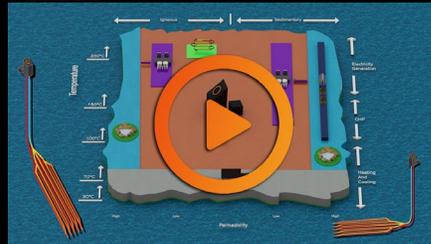
The Thermodynamics of Eavor-Loop™



Eavor's Circle of Knowledge



Eavor's Harmony



The World's Geothermal Potential



The World's Environmental Cooling Challenges



The Complete Package

Photos - [Click to view full resolution](#)



Eavor-Lite Virtual Tour

Eavor Technologies addresses increasing client demand for tours of its facilities through a scalable, innovative, technologically clever solution. Utilizing virtual reality, Eavor can now showcase their demonstration project (Eavor-Lite™) located near Rocky Mountain House, Alberta to any potential client from anywhere in the world.

Guided by your friendly tour guide Jen, alongside Eavor's Lead Engineer, Bailey Schwarz, and Chief Technology Officer Matt Toews, the experience can last minutes or hours, allowing participants to gain an increased understanding of Eavor and their gamechanging technology.

You can view the tour online on [Eavor's website here](#) or contact Eavor to see if you qualify for an Oculus Quest package.



Transforming the Power Industry

Eavor's technology consists of several Patent Pending innovations.

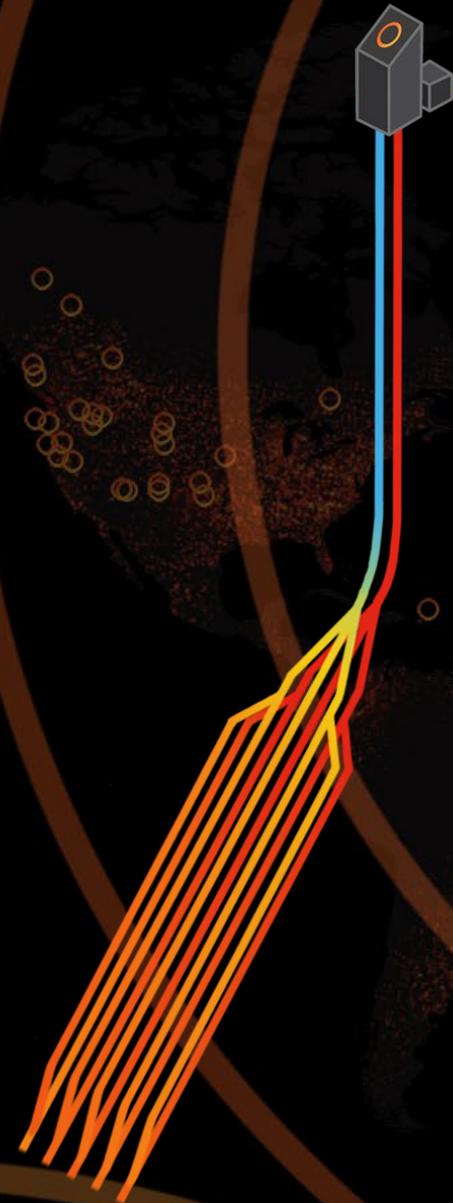
An EavorLoop™ is the connection of two vertical wells with many horizontal multi lateral wellbores creating a closed buried-pipe system.

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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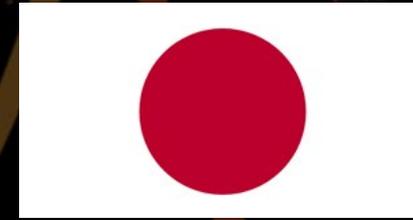
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