Quaise energy Guinea-Bissau

Who is quaise energy?
US-based start-upQuaise Energy was founded in 2018 to develop a millimetre-wave drilling system for converting existing thermal power stations to use superdeep geothermal energy.

Does quaise have a geothermal project?
Quaise's geothermal projectwill help retrofit the TS Power Plant to accommodate geothermal energy. It's the first of five geothermal projects Quaise plans to announce in the coming years.

What is quaise energy doing with new funding?
Recent core drilling by Quaise lays the groundwork for upcoming field demonstrations of millimeter wave drilling technology. Photo: Quaise Energy New funding will expand field operations and secure supply chain toward clean energy abundance

Will quaise energy decarbonize NGM's TS power plant?
Quaise Energy Inc. is launching a project with Nevada Gold Mines,a joint venture between Barrick Gold Corp. and Newmont Corp.,to decarbonize NGM's TS Power Plant near Dunphy,Nevada,by hybridizing on-site power generation with geothermal energy.

What happened to quaise energy?
CAMBRIDGE, Mass., March 12, 2024 -- (BUSINESS WIRE)-- Quaise Energy, the company unlocking terawatt-scale geothermal, announced today the closing of a $21 Million Series A1 financing round led by Prelude Ventures and Safar Partners. Mitsubishi Corporation and Standard Investments are among several new investors participating in the round.

Does quaise energy have a millimeter wave drilling rig?
Aerial view of a drilling rig from Nabors Industries where Quaise Energy is installing millimeter wave capabilities. Work at Nevada Gold Mines will require a similar setup to develop deep geothermal energy on-site.

Quaise, Inc was founded in 2018 to develop a millimeter-wave drilling system for converting existing power stations to use superdeep geothermal energy. [1] The system would repurpose existing gyrotron technology to drill 20 kilometers beneath ...

Energy is everything. At Quaise, we look at the big picture to see where the world is and where it needs to go. Today, fossil fuels still dominate global energy by a long shot. A smoother transition to clean energy requires a bold new vision grounded in science, scale, and speed. Join us as we explore the future of energy and the power of deep ...

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Quaise General Information Description. Developer of wave drilling systems designed for deep geothermal heat access. The company"s system repurposes existing fossil-fired industrial assets by drilling onsite at functional power plants to utilize the existing infrastructure and workforce to make a smoother energy transition possible, enabling mining companies to collectively ...

Today"s guest is Carlos Araque, co-founder and CEO of Quaise Energy. Quaise is seeking to unlock the power of geothermal energy by drilling into deeper and hotter parts of the earth than ever, using microwave-based technology rather than traditional mechanical drill bits. Carlos has a fascinating background; he grew up in Medellin, Colombia ...

Quaise is capable of harnessing deep geothermal energy worldwide at 3-20 km below the Earth"s surface. Based on research at MIT and recent testing at Oak Ridge National Laboratory, the company has advanced a technique to vaporize rock using high-power microwaves in the millimeter range.

6 ???· Quaise"s geothermal project will help retrofit the TS Power Plant to accommodate geothermal energy. It"s the first of five geothermal projects Quaise plans to announce in the ...

CAMBRIDGE, Mass.--(BUSINESS WIRE)--Quaise Energy, the company unlocking terawatt-scale geothermal, announced today the appointment of Ali Azad as an independent board director.Azad brings to the board more than forty years of experience in executive leadership and operational positions for first-of-a-kind power project deployments in ...

"Quaise is creating a truly scalable solution that enables nearly any piece of land on Earth to yield abundant clean energy." The new funding aims to improve geologic understanding at pilot...

At Quaise, we firmly believe geothermal can and will be the foundation of the clean energy transition. After all, geothermal is not only the most abundant energy source on the planet, but one available within a short distance of every human being: a carbon-free source, one that requires no fuels, produces no waste, and ensures global energy security for everyone ...

Kevin Bonebrake is Chief Financial Officer for Quaise Energy. He leads a team that is developing and executing on all aspects of Quaise"s strategy as well as funding and commercializing its innovative millimeter wave drilling technology for power-dense, deep ...

"Quaise is creating a truly scalable solution that enables nearly any piece of land on Earth to yield abundant clean energy." The new funding aims to improve geologic ...

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Quaise Energy and Nevada Gold Mines (NGM) have partnered to explore deep geothermal energy to decarbonise NGM"s TS power plant. The initiative aims to hybridise on-site power generation by utilising geothermal heat from NGM"s land and subsurface holdings.

Quaise, Inc was founded in 2018 to develop a millimeter-wave drilling system for converting existing power stations to use superdeep geothermal energy. The system would repurpose existing gyrotron technology to drill 20 kilometers beneath the surface, where temperatures exceed 400°C. No fracking would be required, avoiding the potential for earthquakes that have occurred in other geothermal systems. Drilling using this technique is hoped to be fast, with boreholes aime...

Supercritical water, in turn, "can penetrate fractures faster and more easily and can carry far more energy per well to the surface--roughly five to ten times the energy produced by today"s commercial geothermal wells", according to "Superhot Rock Geothermal, A Vision for Zero-Carbon Energy "Everywhere,"" a 2022 report by the ...

US-based start-up Quaise Energy was founded in 2018 to develop a millimetre-wave drilling system for converting existing thermal power stations to use superdeep geothermal energy. The system repurposes existing gyrotron technology - vacuum electronic devices typically used in nuclear fusion research to heat plasmas - to drill 12 miles ...

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