

What is Orcan energy's ORC process?

The ORC process is a reliable and long-successful technology for generating electricity from (waste) heat. With Orcan Energy's latest generation ORC solutions, plant operators can utilize waste heat very quickly and easily - even at low temperature.

Who is Orcan energy?

As such, Orcan Energy has left industry giants such as Enogia, Dür and Turboden behind in terms of the number of systems installed. With 502 modules worldwide, Orcan Energy is only behind Ormat, a power generator that has been operating internationally since 1965, with 1226 waste heat solutions.

What is Orcan energy's waste heat recovery system?

Orcan Energy supplies the waste heat recovery systems that convert waste heat into electricity to reduce strain on the environment. The new tankers, designed by the Swedish designer FKAB, are currently being built at Wuhu Shipyard Co. Ltd in China and will be delivered in 2021.

What will Orcan energy do in 2022?

With Orcan Energy's latest generation ORC solutions, plant operators can utilize waste heat very quickly and easily - even at low temperature. In 2022, Orcan Energy will continue to focus on customers from energy-intensive industries, where a lot of waste heat is generated. Operators achieve the greatest profits here.

Why do we use Orcan technology?

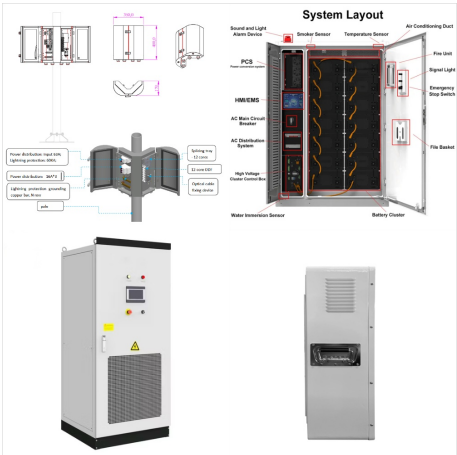
This design ensures that our products remain robust and easy to service. Orcan technology can be connected to various kinds of waste heat sources. Today, it is used almost anywhere that waste heat is generated: from foundries, biogas plants and breweries to ship and truck engines and the production of glass and construction materials.

What is Orcan energy doing in Kirchweidach?

From industry to geothermal energy: Orcan Energy has implemented the first large-scale geothermal project in Kirchweidach. Six efficiency PACKs convert the excess heat from the geothermal plant into electricity in a highly effective manner, saving 4,000 tons of CO₂ annually.



Energy group E.ON has increased its stake in leading cleantech company Orcan Energy through its E.ON Business Solutions division. In the deepened partnership, Orcan Energy will benefit from E.ON's market access, its energy market know-how, its large workforce and attractive financing options for innovative and successful business models.



Orcan Energy - ORC. ,2008,, (Organic Rankine cycle) , ORC ???ORC???,ORC???



German cleantech Orcan Energy AG has secured EUR 28.5 million (USD 27.48m) in a late-stage growth round to finance its commercial traction and enhance its global supply chain. The capital is provided by TiLT Capital, the energy transition platform of French private equity firm Siparex Group, a well-known European institutional investor as well



E.ON has partnered with Orcan Energy to help you become more sustainable by recycling waste heat into clean energy through a process called OCR (Organic Rankine Cycle). OCR is a closed cycle process, in which waste heat is evaporated. The fluid then drives a generator which produces clean energy that you can use to lower your energy consumption



Orcan Energy General Information Description. Operator of a cleantech company intended to manufacture and sell efficient energy to industry, marine, automotive, power generation and the biogas market.



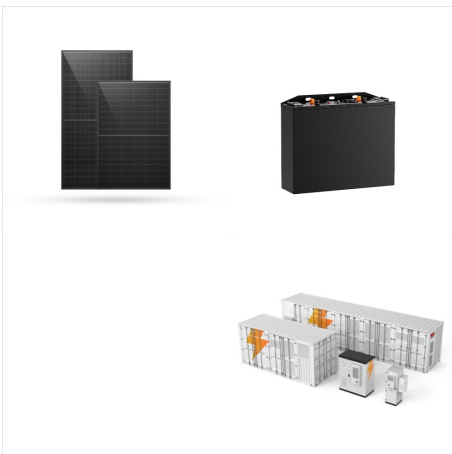
Orcan Energy unlocks the energy potential of unused heat sources based on second-generation Organic Rankine Cycle (ORC) technology. By massively downsizing the established technology and developing a modular solution, Orcan Energy is turning small and medium-sized waste heat sources, as well as lower temperatures into economically viable



Orcan Energy unlocks the energy potential of unused heat sources based on second-generation Organic Rankine Cycle (ORC) technology. By massively downsizing the established technology and developing a modular solution, Orcan Energy is turning small and medium-sized waste heat sources, as well as lower temperatures into economically viable



German ORC technology company Orcan Energy, announces having implemented a first geothermal project in record time together with its cooperation partner E.ON. In Kirchweidach, Upper Bavaria, six second-generation ORC container modules from Orcan Energy were delivered, unloaded and positioned at a geothermal plant in just one day.



Orcan Energy AG was founded in 2008 by Dr. Andreas Sichert, Dr. Andreas Schuster and Richard Aumann with the aim of offering companies from different industrial sectors a simple, economical and efficient energy solution that taps into the enormous energy potential of unused industrial waste heat sources. Orcan Energy's customers benefit from



Orcan Energy AG was founded in 2008 by Dr. Andreas Sichert, Dr. Andreas Schuster and Richard Aumann with the aim of offering companies from different industrial sectors a simple, economical and efficient energy ???



Discover how Orcan Energy is driving cleantech innovation in Kiel and actively shaping the industrial transformation. Open positions. Our history. Founding of Orcan Energy. Commissioning of the first module. Introduction of the first efficiency PACK. Establishment of ???



In our series ORCAN ENERGY INSIGHTS, we introduce the people behind Orcan: from the board to the working student! Video will be loaded from . Andreas Schuster. Five surprising things about: Andreas Schuster, founder and CTO of Orcan Energy! Can you imagine Andreas as a farmer? And why would he have liked to meet Mahatma Gandhi?



Orcan Energy unlocks the energy potential of unused heat sources based on second-generation Organic Rankine Cycle (ORC) technology. By massively downsizing the established technology and developing a modular ???



Orcan Energy has been active in Germany, having set up its small-scale ORC units at the Kirchweidach geothermal site in Bavaria, Germany as we reported in 2021. Baseload Capital has been focused on smaller scale geothermal development with operating power plants in Iceland, projects in Japan, Taiwan, Iceland and the United States.



After the project signing between MP Biogaz and Orcan Energy in early 2023, Orcan Energy delivered its heat-to-power module to MP Biogaz's plant in Beux, France, in October 2023. Since starting operations as early as February 2024, the energy module has produced almost 400 MWh of electricity and saved nearly 300 tons of CO₂ until today.



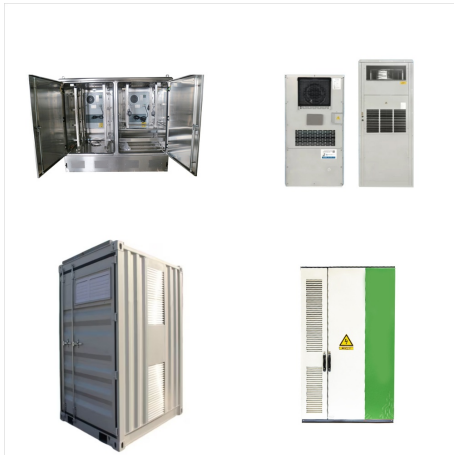
Munich and Kiel, Germany, 07.02.2024 ??? Orcan Energy, the leading cleantech company that converts waste heat into clean electricity, significantly expands its production capacities to meet growing global demand. Thanks to the expansion of the Kiel site, the modular systems can be completely manufactured by the company and then delivered to customers all ???



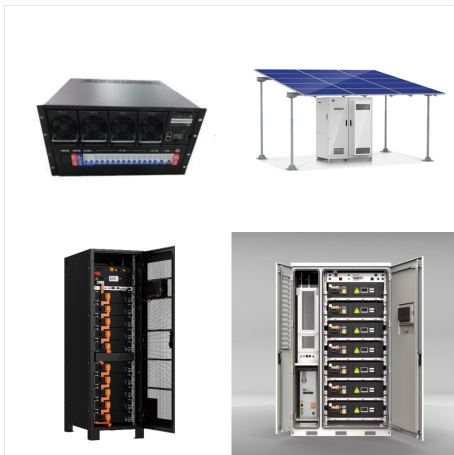
Orcan Energy's products tap into the enormous global waste heat potential and enable customers to save CO2 emissions and costs at the same time. Orcan Energy unlocks the energy potential of unused heat sources based on second-generation Organic Rankine Cycle (ORC) technology. By massively downsizing the established technology and developing a



"For Orcan Energy, this installation represents a giant leap towards efficient and sustainable power generation with engines," says Dr. Andreas Sichert, founder and CEO of Orcan Energy AG. The 70 efficiency PACKs ??? eP P 050.100 ??? were coupled with 70 1.5-megawatt gas engines to generate electricity from their waste heat, producing



Orcan Energy unlocks the energy potential of unused heat sources based on second-generation Organic Rankine Cycle (ORC) technology. By massively downsizing the established technology and developing a modular solution, Orcan Energy is turning small and medium-sized waste heat sources, as well as lower temperatures into economically viable



Munich, 29.11.2022 ??? Orcan Energy and Baseload Capital are pleased to announce the commissioning of a first project utilizing waste heat from existing oilfield operations at Chevron U.S.A. Inc.'s (Chevron) San Ardo oil and gas ???



Orcan Energy is a Munich-based clean tech company that converts waste heat into electricity using ORC technology. It ranks as the second most installed ORC system worldwide and serves customers from various ???