



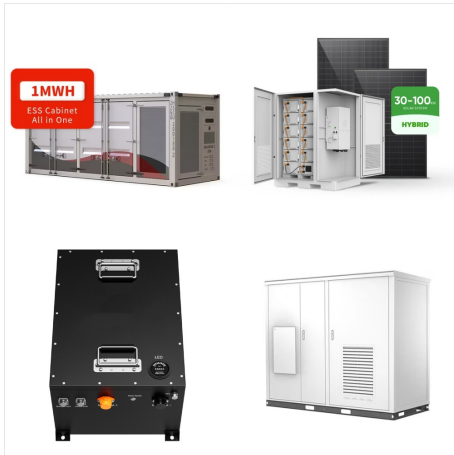
It's also a source of valuable industry insights, offering perspectives on trends, challenges, and opportunities in renewable energy. Whether you're closely following phelas's journey or are keen on the evolving landscape of sustainable energy, our News section is designed to keep you updated and engaged.



Energy is the golden thread that connects economic growth, social equity, and environmental sustainability. With climate change at the forefront of global challenges, the transition to renewable energy sources is not just beneficial but imperative. phelas | We make the sun shine at night! We are using cookies to give you the best experience



Phelas is focused on developing and commercializing large-scale energy storage solutions using their Aurora Liquid Air Energy Storage (LAES) technology. This innovative system allows renewable energy from solar and wind to be stored efficiently and used when needed, ensuring a stable power supply.



At phelas, we care about results and achieving our goals, not about being present 9-5. Hybrid workplace / home-office: As much as we enjoy on-site collaboration and working on hardware, we also know that diving deep into tasks is easier when not being distracted. At phelas, we care about results and achieving our goals, not about being present 9-5.



Founded in 2020, phelas is developing Aurora, a modularised and scalable energy storage system based on a new proprietary air liquefaction and thermal management process to achieve low-cost, scalable sustainable, and easy energy storage. Phelas has already been working with customers to accelerate energy storage deployment through Catalyst



By closely collaborating with Ørsted, phelas aims to reduce technological and market risks, ensuring a faster adoption of phelas' energy storage solution for commercial use. Ørsted's industry insights, market knowledge, and commitment to green energy provide invaluable support as phelas works towards bringing Aurora to the mass market.



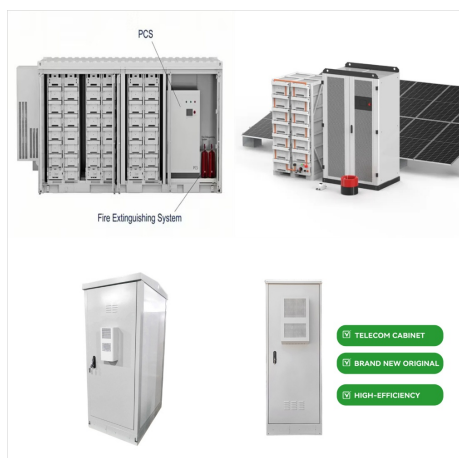
Today marks an important day for phelas ??? we're celebrating our third anniversary! Together we are shaping the future of renewable energy, making tomorrow's sustainable energy a reality. Our journey wouldn't have been possible without the continuous support of our partners, who have been with us through the ups and downs. Our



Munich, Germany ??? 06.03.2024 ??? phelas, a pioneer in the energy storage sector, announced today a seed financing round of ???4.1 million. This investment round is led by E44 Ventures, an Israel-leading climate tech fund, with participation from Axon Partners Group, Deutsche Telekom hub:raum Fund, BNV Partners, other investors and existing angel investors.



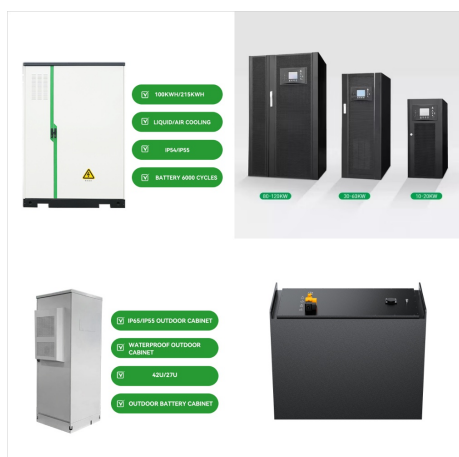
??? Munich (Germany). In the series of a closer look into phelas" team and their personal stories, we spoke to Leon. We discussed how phelas came into existence, sparked by his academic work, personal motivation and ???



By closely collaborating with Ørsted, phelas aims to reduce technological and market risks, ensuring a faster adoption of phelas' energy storage solution for commercial use. Ørsted's industry insights, market ???



Munich-based phelas, a pioneer in the energy storage sector, announced Wednesday that it has secured ???4.1M in a seed round of funding. The funding round is led by E44 Ventures, an Israeli climate tech fund, with participation from Axon Partners Group, Deutsche Telekom hub:raum Fund, BNV Partners, other investors, and existing angel investors.



Catalyst embodies precision in energy asset planning. Our software distills complex energy data into clear, actionable strategies, tailored to your specific operational needs offering advanced analytics and a streamlined planning process, Catalyst is the cornerstone for businesses looking to optimize their energy storage investments with confidence and clarity.



Aurora and Catalyst place phelas at the forefront of the renewable energy sector. Starting in Germany and Europe, our aim is global: making renewable energy a practical, sustainable choice for all. Our cutting edge utility-scale long duration energy storage to enable profitable 24/7 renewable supply.



"Phelas" Liquid Air Energy Storage (LAES) offers many features that cannot be covered by conventional technologies. We use air and gravel as the main storage medium ??? both materials are universally available and, unlike lithium-ions, less hazardous and less resource-geographically dependent. The technology offers a decisive cost advantage



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A: I've only been at phelas for a few months, so I'm still learning a lot about both my role and the organisation, and the energy sector itself was completely new to me. But I very much enjoy being surrounded by super smart and motivated people, and so far, every day at phelas teaches me something new.



phelas Aurora is a completely new thermodynamic storage system, that builds on the principles of Liquid Air Energy Storage (LAES). We use the strengths of LAES (no harmful materials, reliable components with high technological maturity), ???



The high energy demand in winter due to heating and high solar energy production in summer and spring indicate the need for inter-seasonal (days to weeks) and seasonal (several months) energy storage movement. The wind energy production in spring is also in excess, which leads to a consistent energy shortfall in winter and a surplus in spring.



At phelas, we're innovating the future of energy storage with Aurora and Catalyst. Aurora, our containerized Liquid Air Energy Storage (LAES) solution, is designed to reshape the energy storage landscape. Track: Energy Markets. Operational tasks related to energy markets; Collect, validate and analyse market data on energy production



At phelas, we're innovating the future of energy storage with Aurora and Catalyst. Aurora, our containerized Liquid Air Energy Storage (LAES) solution, is designed to reshape the energy storage landscape. Meanwhile, Catalyst, our trailblazing energy storage and green hydrogen planning tool, is streamlining the pathway to efficient



Energy Insights; About us. Team; News; Career; Contact; Category Team-Interview. News Team-Interview. Interview with Noortje: Beyond Boundaries: A Journey in a Start-up. January 22, 2024 ??? Munich (Germany) As part of our series taking a closer look at the phelas team and their personal stories, we spoke to Noortje. We talked???



Phelas is developing a modular long duration energy storage system to harness solar and wind power even when the sun is not shining and the wind is not blowing. The company's Aurora Liquid Air Energy Storage (LAES) system transforms renewable energy sources into a stable, around-the-clock power supply.



phelas, a provider of long-duration energy storage solutions, secured 4.1 million (~\$4.5 million) in a seed funding round led by E44 Ventures, an Israel-leading climate tech fund. It also saw participation from Axon Partners Group, Deutsche Telekom Hubraum Fund, BNV Partners, other investors, and existing angel investors. phelas specializes in the development of



phelas | 2.497 Follower:innen auf LinkedIn. Long Duration Energy Storage | Wind and Solar. All Day. Every Day. | phelas develops the solution for the energy transition: An electricity storage system that is modular, mass-produced, cost-effective and safe. We help utilities, grid operators, industry, renewable energy developer & operators to provide renewable energy 24/7



??? Munich, Vienna. Photo: phelas Liquid Air Energy Storage System AURORA. Long duration energy storage provider phelas and Austria's largest regional utility, Wien Energie will work together to explore possibilities to deploy long-duration energy storage systems to support Wien Energie's vision in strengthening its green energy portfolio and ???