

# TAJIKISTAN KYOTO HEATCUBE

SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



What is Kyoto's heatcube? Experience a transformative edge with Kyoto's Heatcube as we introduce real-time monitoring and control through digital innovation. Kyoto's DataOps platform, powered by Cognite Data Fusion(R), brings a new era of operational excellence, reducing operational expenses and offering state-of-the-art preventive and predictive maintenance.

SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



Is Kyoto heatcube ready to supply process heat? Kyoto Heatcube is ready to supply process heat for industry now. Some fuels, like green hydrogen and green ammonia are better suited to supply the needs of transport and aviation. Lithium-ion batteries are very efficient for power companies and cars. None of these are likely to ever generate process heat. Electrification is the way forward.

SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



Does Kyoto Group have a heatcube pipeline? Kyoto Group has a large and growing pipeline of potential industrial customers exploring the Heatcube. Kyoto has signed several letters of intent and expects to sign more in the near future. The commercial pipeline covers multiple industries, including food and beverages, pulp and paper, corrugated cardboard, chemicals, and combined heat and power.

SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



What is heatcube? Heatcube; a long duration thermal energy storage solution with a molten-salt based modular system that enables industry to decarbonize process heat.

SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



How long does heatcube last? Charge and discharge heat in the form of steam, using molten salt. The world's most mature thermal storage medium. Few moving parts, and predictable degradation over time makes expected lifetime of Heatcube 20-30 years. Heatcube uses a well known resistive heater technology, and stores energy from heat at up to 90% efficiency.

# TAJIKISTAN KYOTO HEATCUBE

SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



Who is Kyoto Group? Kyoto Group is a Norwegian company founded in 2016 to capture and manage the abundant energy from the sun and wind, and apply it to reduce the CO2 footprint for industrial process heat. Join our mailing list. Kyoto produces a thermal battery, Heatcube, which replaces oil, gas or diesel burners currently on site, and is charged using electricity.

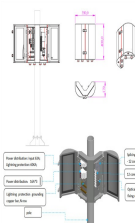
SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



As? creamos energ?a renovable estable, explica Christopher Kj?lner, director administrativo de Kyoto Group, que ha desarrollado la bater?a <<Kyoto Heatcube>> para ???



Kyoto Group's Heatcube, a thermal energy storage (TES) solution, provides a sustainable and cost-effective alternative by capturing and storing abundant but variable energy from sources such as solar and wind.



Oslo, Norway 27 October 2022 ??? Kyoto Group today launched the second generation of the Heatcube thermal energy storage solution, offering up to five times higher energy density, lower cost and construction optimization. "Today, ???



Oslo, 24 February 2022 - Today, Kyoto Group announces that it has received the necessary building permits from Aalborg Municipality for constructing the Kyoto Heatcube at Aalborg ???

# TAJIKISTAN KYOTO HEATCUBE



Kyoto Heatcube: Una "batería externa" para las energías renovables.  
PUBLICADO ORIGINALMENTE EN KTH, 28. SEP 2022. Publicado originalmente en KTH. Desde julio de ???



Oslo, Norway 27 October 2022 - Kyoto Group today launched the second generation of the Heatcube thermal energy storage solution, offering up to five times higher energy density, ???



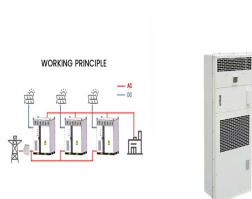
Heatcube uses a well known resistive heater technology, and stores energy from heat at up to 90% efficiency. Plug and play Heatcube can produce saturated or superheated steam, according to customer requirements, and plug into ???



Recent research shows that up to 45% of all industrial heat demand could be electrified. At Kyoto we aim to promote renewable heat powered by renewable energy and stored in the Heatcube thermal battery ???



Kyoto Group AS has placed an order for the first Heatcube thermal battery which will be installed as a commercial demonstration unit. The manufacturing of the Heatcube components has started, supported by leading ???



Oslo, Norway 27 October 2022 ??? Kyoto Group today launched the second generation of the Heatcube thermal energy storage solution, offering up to five times higher energy density, lower cost and construction optimization. "Today, ???

# TAJIKISTAN KYOTO HEATCUBE

---



Kyoto har lagt inn en bestilling p? det f?rste termiske batterisystemet, Heatcube, som skal installeres som en kommersiell demonstrasjonsenhet. Heatcube best?r av ???