

## Kazakhstan nomadd desert solar solutions

Who owns nomadd desert solar solutions?

NOMADD Desert Solar Solutions,a photovoltaics cleaning system and spin-out company from KAUST,has secured a strategic investment by the Saudi construction company CEPCO. File photo.

Who is CEPCO investing in nomadd desert solar solutions?

File photo. NOMADD Desert Solar Solutions,a photovoltaics (PV) cleaning system and spin-out company from KAUST,has secured a strategic investment by the Saudi Arabian construction company CEPCO. The Series B investment round will support NOMADD's project pipeline and will further strengthen the company's growth ambitions.

Does nomadd clean solar panels?

NOMADD supplies waterless robotic cleaning systems for solar arrays. In the Middle East dust is the primary factor affecting solar plant performance. As all eyes in the solar industry are now focused on the many huge solar deployments in the pipeline across the region, the question of solar panel cleaning is a key part of the conversation.

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NOMADDs focus is in simplicity, durability, resilience and reliability for any desert climate. Designed for a 25 year operation at any solar field array with minimum moving parts and a uniquely patented angle brush design.

NOMADD"s patented robotic PV cleaning system is uniquely positioned to serve the increasing growth of PV installations in dusty desert environments. In desert climates, solar panels are often exposed to heat, humidity and outdoor elements like sand and dust.

The NOMADD is a fully autonomous water-less robotic cleaning solution designed, developed and tested in Saudi Arabia's severe desert conditions. These circumstances cannot be properly prepared for without direct exposure throughout the development process. This ...

Using remote controlled, two-way data transmission, NOMADD provides highly granular data to the user while maximizing solar array output and minimizing the operational costs of desert solar. In 2017, NOMADD was a winner of the SunRISE TechBridge Challenge, a competitive event organized by DSM, Fraunhofer and



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Greentown Labs in Boston to identify ...

Nomadd Desert Solar Solutions - a Saudi-based solar technology company The technology at the core of NOMADD was developed at KAUST. It is now deployed on a variety of commercial projects across the region, including the upcoming 16MW Dubai reservoir project, the world"s largest rooftop.

Under the agreement, NOMADD, the tech startup funded by the King Abdullah University of Science and Technology (KAUST) will be granted the right to develop and manufacture solar array cleaning technology that was developed in-house by Saudi Aramco's research and development team based at KAUST.

NOMADD Desert Solar is a Saudi Arabia based startup focused on developing an automated waterless solution for cleaning the dust off the solar panels. The dusting device is a brush which rests on a rail above the panel and can be controlled using a smartphone.

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