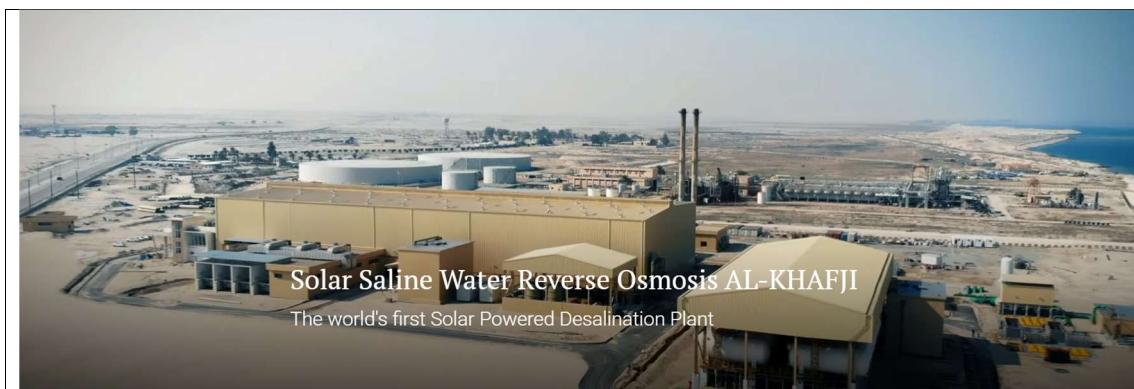


アル=カフジ太陽光発電淡水化プラント

**Al Khafji Solar-powered Desalination Plant**



<https://www.vision2030.gov.sa/en/explore/projects/alkhafji-desalination-plant>

<https://www.savener.es/en/proyectos/solar-saline-water-reverse-osmosis-al-khafji/>

<p>アル=カフジ(الخجي)淡水化プラントは、革新的かつ持続可能な方法で地域の水需要を満たす世界最大の太陽光発電淡水化プラントです。</p>	An aerial photograph of the Al Khafji Desalination Plant, showing the large industrial complex with several large, light-colored buildings and structures. In the foreground, there is a prominent building with a blue roof and a sign that reads "Solar Saline Water Reverse Osmosis AL-KHAFJI". Below this sign, the text "The world's first Solar Powered Desalination Plant" is visible. The plant is situated in a desert-like environment with some water bodies and other industrial structures in the background under a clear blue sky.	<p>AlKhafji (الخجي) Desalination Plant, the world's largest solar-powered water desalination project that meets the region's water needs in an innovative, sustainable way.</p>
<p>2018年に皇太子兼首相のムハンマド・ビン・サルマーン・ビン・アブドゥラズィーズ・アル=サウード王子によって開設されたアル=カフジ淡水化プラントは、海水をきれいな飲料水に変え、サウジアラビアのためにクリーンなエネルギーを生み出す革新的なシステムです。</p>	An aerial photograph of the Al Khafji Desalination Plant, showing the large industrial complex with several large, light-colored buildings and structures. In the foreground, there is a prominent building with a blue roof and a sign that reads "Solar Saline Water Reverse Osmosis AL-KHAFJI". Below this sign, the text "The world's first Solar Powered Desalination Plant" is visible. The plant is situated in a desert-like environment with some water bodies and other industrial structures in the background under a clear blue sky.	<p>Launched in 2018 by His Royal Highness Prince Mohammed bin Salman bin Abdulaziz (محمد بن سلمان بن عبد العزيز آل سعود), Crown Prince and Prime Minister, the Al Khafji Desalination Plant is a revolutionary system that turns saltwater into clean drinking water and generates clean energy for the Kingdom.</p>

<p>このプラントは1日あたり最大90,000m<sup>3</sup>の浄水を生産する能力があり、キング・アブドゥルアズィーズ科学技術都市(مدينة الملك عبد العزيز للعلوم والتكنولوجيا) (KACST)が開発した最先端の技術を採用しています。</p>		<p>The plant has the capacity to produce up to 90,000 m<sup>3</sup> of clean water per day and uses cutting-edge technology developed by King Abdulaziz City for Science and Technology (مدينة الملك عبد العزيز للعلوم والتكنولوجيا) (KACST).</p>
<p>このプラントは、太陽光パネルを使用して、サウジアラビアの二酸化炭素排出量を削減し、クリーンで持続可能なエネルギーへの移行を支援しています。</p>		<p>The plant uses solar panels to help Saudi Arabia reduce its carbon emissions and transition towards clean, sustainable energy.</p>
<p>サウジ国家構想 2030 は、私たちの最も重要な天然資源を積極的に保護し、技術革新を活用して王国の必要性を満たします。</p>		<p>Vision 2030 is actively protecting our most vital natural resources and using innovation to meet the Kingdom's needs.</p>

Picture by Savener (Desalter Plant Manufacturer)