

# SunHydrogen's CEO Tim Young Visits New South Korea Facility for Scale-Up of Company's Green Hydrogen Technology

written by Raj Shah | November 28, 2023

November 28, 2023 ([Source](#)) – SunHydrogen, Inc. (OTCQB: HYSR), the developer of a breakthrough technology to produce renewable hydrogen using sunlight and water, today announced that the Company's industrial partner, [COTEC](#), has completed setup of a new laboratory space solely for the development of SunHydrogen's manufacturing process.

SunHydrogen's CEO Tim Young recently made a strategic visit to COTEC's Changwon facility to view firsthand the progress at the newly-established laboratory dedicated to SunHydrogen's technology. COTEC is poised to begin replicating SunHydrogen's nanoparticle-based technology employing advanced industrial electroplating processes in this state-of-the-art facility. Meticulously set up by COTEC's team, the laboratory is fully equipped with the necessary equipment, chemicals, and characterization techniques to accelerate SunHydrogen's manufacturing process.

Within one of SunHydrogen's hydrogen generators, billions of patented Photoelectrosynthetically Active Heterostructure (PAH) nanoparticles per square centimeter split apart water to generate hydrogen and oxygen. These PAH nanoparticles are composed of multiple layers of solar cells. The high-voltage, high-light absorbing properties of the solar cells enable the

Company to make them ultrathin and with significantly fewer materials, lowering costs and raising efficiency. Together, SunHydrogen and COTEC will explore the development and implementation of electroplating solutions to translate SunHydrogen's existing PAH architecture and process to manufacturing scale while maintaining low cost and high efficiency.

The Company expects its initial exploration with COTEC to be completed by December 31, 2023. Following this phase, SunHydrogen's next step is to produce 1m<sup>2</sup> hydrogen panels to be utilized in multiple pilot projects showcasing the world's first-ever nanoparticle-based green hydrogen production at commercial scale.

[COTEC](#) is a leader in industrial electroplating and electrochemical processes and is well-positioned to collaborate with SunHydrogen in this critical aspect of the Company's scale-up process. COTEC possesses extensive plating expertise across the aerospace, automotive, defense and nuclear industries, and has worked with high-level clients such as Boeing, Hanwha, Airbus and more.

*For photos from COTEC's facility, please view this press release on SunHydrogen's news feed at [www.sunhydrogen.com/news](http://www.sunhydrogen.com/news).*

### **About SunHydrogen, Inc.**

SunHydrogen is developing breakthrough technologies to make, store and use green hydrogen in a market that Goldman Sachs estimates to be worth \$12 trillion by 2050. Our patented SunHydrogen Panel technology, currently in development, uses sunlight and any source of water to produce low-cost green hydrogen. Similar to solar panels that produce electricity, our SunHydrogen Panels will produce green hydrogen. Our vision is to become a major technology supplier in the new hydrogen economy.

By developing, acquiring and partnering with other critical technologies, we intend to enable a future of emission-free vehicles, ships, data centers, aircrafts and more. To learn more about SunHydrogen, please visit our website at [www.SunHydrogen.com](http://www.SunHydrogen.com).

### **Safe Harbor Statement**

Matters discussed in this press release may contain forward-looking statements. When used in this press release, the words “anticipate,” “believe,” “estimate,” “may,” “intend,” “expect” and similar expressions identify such forward-looking statements. Actual results, performance or achievements could differ materially from those contemplated, expressed or implied by the forward-looking statements contained herein. Forward-looking statements are based largely on the expectations of the Company and are subject to a number of risks and uncertainties and other factors, known and unknown, including the risk factors described from time to time in the Company’s reports filed with the Securities and Exchange Commission. Forward-looking statements contained herein are applicable only as of the date on which they are made, and the Company does not assume any obligation to update any forward-looking statements, except as may be required under applicable law.

### **Press Contact:**

[info@sunhydrogen.com](mailto:info@sunhydrogen.com)