

Switzerland develops solar container materials





Overview

The patented furnace uses 500 concave mirrors and a heliostat to focus sunlight, reaching temperatures up to 2,000°C, allowing metals to melt in 1. The Jura-based company Panatere has inaugurated the world's first two solar furnaces in La Chaux-de-Fonds, canton Neuchâtel, that will produce fully recycled steel. The project marks a major technological milestone in the push toward decarbonized and.



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The world's first solar furnace that recycles steel has started

Panatere, a company based in Jura, Switzerland, has inaugurated its solar-powered steel melting and recycling facilities in La Chaux-de-Fonds, Neuchâtel canton. The company ...

Zurich Soft Robotics gets CHF 1.5 million to develop modular solar

Following successful pilot projects at HiLo, Zurich Soft Robotics has secured fresh capital to expand the team and accelerate the development of Solskin, to make the system commercially ...



Switzerland Built World's Largest Foldable Solar Roof That Self

From solar tiles to massive solar roof tiles installations, Switzerland is leading the way. Could this tesla solar-style innovation work in your country? ? Would you install a self-folding

Swiss Airtainer, partners launch solar-powered pharma container

Swiss Airtainer, Swiss WorldCargo and BPL Biotech & Pharma Logistics have launched a solar-powered "self-sustaining airfreight container" that weighs 250 kilograms less than



competitors' ...



How Switzerland Container Glass Works -- In One Simple Flow (2025)

Switzerland's container glass industry is evolving rapidly, driven by innovations in manufacturing, sustainability efforts, and changing consumer demands. Understanding how the ...

World's first solar furnaces for steel recycling open in ...

The Jura-based company Panatere has inaugurated the world's first two solar furnaces in La Chaux-de-Fonds, canton Neuchâtel, that will produce fully recycled steel.



Panatere inaugurates world's first solar furnaces to produce recycled

Switzerland-based raw material processor and recycler Panatere has inaugurated the world's first two solar furnaces dedicated to steel recycling in La Chaux-de-Fonds, canton Neuchâtel, ...





Swiss perovskite startup sets up indoor solar cell ...

Indoor solar cell developer, Perovskia Solar, is setting up a factory in Switzerland that may reportedly print 1 million of its custom-designed perovskite ...



Light, flexible, efficient: Perovskite-based tandem solar cells

The real strength of this innovative material lies in the fact that, unlike silicon, this band gap can be easily adjusted by varying the exact composition of the perovskite material. If two ...

ENERGY STORAGE INNOVATION IN SWITZERLAND A

The global solar storage container market is experiencing explosive growth, with demand increasing by over 200% in the past two years. Pre-fabricated containerized solutions now account for ...



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