

November 20, 2024

## Sumitomo Metal Mining to Exhibit SOLAMENT™ at International Sports Industry Trade Fair ISPO Munich 2024

Showcasing Concept Models Utilizing Near-Infrared Absorbing Nanoparticles

Sumitomo Metal Mining Co., Ltd. (TSE: 5713), headquartered in Tokyo, is pleased to announce that it will exhibit its solar-smart material technology SOLAMENT™ at ISPO Munich 2024, the world's leading trade fair for the sports industry and the world's largest sports business event to be held in Munich, Germany, from December 3 to December 5, 2024.

SOLAMENT is a material technology made of near-infrared-rays absorbing nanoparticles, patented worldwide by Sumitomo Metal Mining. Leveraging SOLAMENT's property of converting near-infrared-rays in sunlight into heat, the company is strengthening SOLAMENT expansion to apparel and agriculture industry.

At ISPO Munich, the company will showcase the concept models for the first time: the thin heated jacket "CROSS-DOOR JACKET and the training wear optimal for warming up "SOLAR-PERFORMANCE WEAR". Additionally, prior to the ISPO Munich exhibition, the fabric "SOLAMENT for HEATING" utilizing SOLAMENT technology was selected for the ISPO Textrends Top 10 (Second Layer category), which awards innovative fabrics and materials.

### Exhibit Overview:

#### CROSS-DOOR JACKET

A lightweight jacket that is comfortable for indoor wear and maintains a pleasant temperature outdoors on sunny days. This innovative heated item is suitable for outdoor activities and everyday urban use, offering a new level of comfort and functionality.



#### SOLAR-PERFORMANCE WEAR

High efficiency is expected in training and warming up by warming bodies by utilizing the SOLAMENT's function. A new type of training wear that has the potential to maximize workout effectiveness even in cold environments.



## DOWN-LESS DOWN JACKET

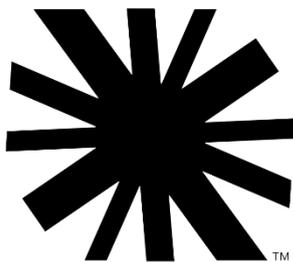
This down jacket is transparent and features a hollow structure devoid of any down feathers. By harnessing the light-to-heat transformation properties of SOLAMENT in the fabric, the material itself generates heat, achieving an unimaginable level of warmth beyond what is discernible from its appearance. This jacket has won multiple international awards, including the Red Dot Award: Design Concept 2024.



### Exhibition Details:

- **Name:** ISPO Munich 2024
- **Dates:** December 3 to December 5, 2024
- **Venue:** Trade Fair Center Messe Munich, Messegelaende, 81823 Munich, Germany
- **Booth:** A3.400
- **ISPO Sumitomo Metal Mining Exhibit Overview Page:** <https://munichexhibitors.ispo.com/onlinecatalog/2024/list-of-exhibitors/exhibitor/details/sumitomo-metal-mining-co-ltd/?elb=157.1100.16637.1.111>
- **ISPO Official Website:** <https://www.ispo.com/en>

### About SOLAMENT:



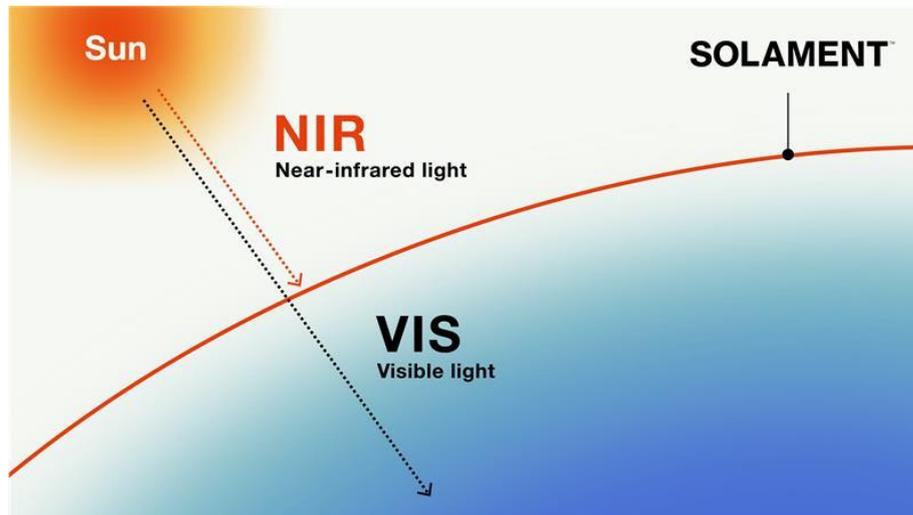
# SOLAMENT™

**Solar-smart material**



The name "SOLAMENT" is a combination of two words: "solar" and "element". It also carries the meaning of "sora" ("sky" in Japanese). The logo draws inspiration from the sunlight and the hexagonal crystalline structure of SOLAMENT™, with the overlapping "X" symbolizing collaboration—all together expressing the broad spectrum of possibilities.

Since SOLAMENT not only has high functionality but also allows for the omission of previously necessary materials, it is expected to improve supply chain efficiency and recyclability. In the brand development of SOLAMENT, Sumitomo Metal Mining has collaborated with Droga5 Tokyo, part of Accenture Song.



SOLAMENT Website: <https://crossmining.smm.co.jp/solament/en/>

**Media Contact**

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