



## Press Release

Abies Ventures, Inc.  
February 17, 2021

### **Abies Ventures announces its investment in Mighty Buildings, Inc.**

**Abies Ventures, Inc. (Head Office: Tokyo, Japan; Managing Partner: Fuyuki Yamaguchi; hereafter, “Abies Ventures”) is pleased to announce that Abies Ventures Fund I, L.P. invested in Mighty Buildings, Inc. (hereafter “Mighty Buildings”), which produces prefabricated housings by its own proprietary 3D printing technology based in San Francisco, California, USA.**

Abies Ventures is a venture capital firm that aims to discover startups possessing revolutionary high-level scientific or engineering technology (deep tech) that contribute to the advancement of human civilization and the realization of a sustainable society, and to develop them into global companies.

Mighty Buildings aims to unlock productivity in construction by combining 3D printing and prefab, making construction more sustainable, efficient, and affordable. The company invented a proprietary composite material that can be 3D printed and hardens almost immediately thanks to a UV-curing process, while also maintaining cohesion between layers to create a monolithic structure. Mighty Buildings can 3D print structures 2x as quickly with 95% less labor hours and 10x less waste than conventional construction. The company can produce a large variety of designs with a small workspace footprint because 80% of the work can be automated through 3D printing and robotic finishing. The company has also developed new formulations that incorporate recycled materials as well as end of life recyclability to close the loop on the production process, enabling virtually near zero waste.

The company offers two collections of 3D-printed homes, (1) Mighty Mods - where the houses are fully produced off-site at its factory and transported to construction sites and (2) Mighty houses - where the homes are assembled on-site with the panelized Mighty Kit Panel System modules produced at its factory. Mighty Buildings is the first company to achieve certification under the UL 3401 standard for evaluating 3D printed building structures and assemblies, and has already sold and built its houses in California in the USA. The Company aims to expand its business not only in the USA but also Asia market including Japan in the future. Ultimately, the company’s vision is to provide production-as-a-service, with builders and architects designing their own structures and then using Mighty Factories to produce them.



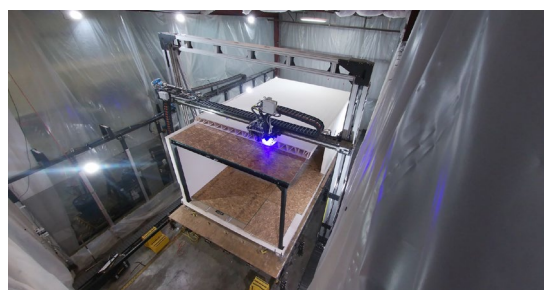
Mighty Mods - Mighty Studio



Mighty Mods - Mighty Duo B



Mighty Houses - Cinco



3D printing factory

#### ■ About Abies Ventures

Business: Venture capital to support deep tech startup companies

Headquarters: Minato City, Tokyo, Japan

Representative: Fuyuki Yamaguchi, Representative Director and Managing Partner

URL: <https://abies.vc/en>

#### ■ Mighty Buildings

Business: Production of houses and housing modules using 3D printers

Headquarters: San Francisco, California, Japan

Representative: Slava Solnisyn, CEO

URL: <https://www.mightybuildings.com>

Please direct all official enquiries regarding this press release to:

Fuyuki Yamaguchi, Abies Ventures, Inc.

Landwork Aoyama Building 2<sup>nd</sup> Floor, 2-7-26 Kita-aoyama, Minato-ku Tokyo 107-0061 Japan

E-mail: [info@abies.vc](mailto:info@abies.vc)