

News Release

January 23, 2024

Investment in Mechasys, a company that develops and provides the laser layout system

Great Wave Ventures^{*1} (Managing Partner: Nobu Iguchi), Toda Corporation (President: Seisuke Otani), Tokyu Construction Co., Ltd.^{*2} (President: Mitsuhiro Terada), and Ogawa Group Co., Ltd. (President: Takehiro Ogawa) have invested in Mechasys (CEO: William St-Pierre), a Canada-based company that develops and provides a laser layout system for the construction and manufacturing industries.

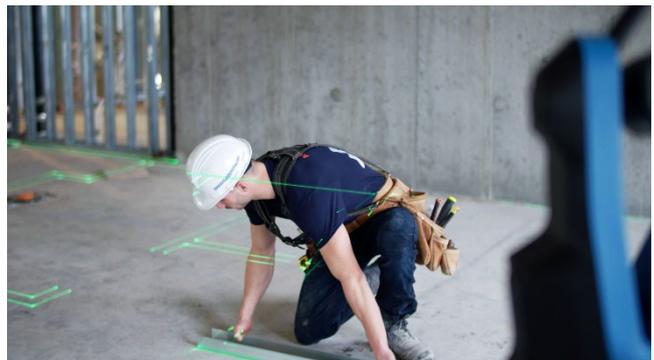
*1 Great Wave Ventures, formerly known as Agya Ventures, will invest through Agya Ventures Fund L.P. (an investment limited partnership) operated by the company.

*2 Tokyu Construction Co., Ltd. will invest through Tokyu Construction & GB Innovation Investment Limited Partnership (Operator: Global Brain Corporation).

1. Investment Background

A shortage of skilled construction workers has become apparent as global demand for construction has increased. Japan is also experiencing a serious shortage of skilled construction workers due to the decline in the working-age population, and there are concerns about delays in projects and deterioration in quality and safety due to tight labor conditions.

In this context, Mechasys has developed and provided a laser layout system that accurately projects full-size drawings onto the floors, ceilings, and walls of construction sites. This system is expected to improve the accuracy and efficiency of marking work^{*3} for interior construction, which was previously done manually by skilled workers in pairs. In addition, there is a possibility of reducing rework due to marking work that does not meet the acceptable accuracy. The four companies, Great Wave Ventures, Toda Corporation, Tokyu Construction, and Ogawa Group have invested in the system with the aim of promoting its spread in Japan, believing that the system will help solve problems in marking work.



*3 To draw constructional reference lines on structures such as columns, beams, and walls with chalk or ink in accordance with drawings.

2. About Mechasys

Mechasys is a startup company headquartered in Montreal, Canada, that develops and provides the laser layout system for construction and manufacturing sites. The company is characterized by its own development of both hardware and its management system utilizing projected reality technology. The laser projection range of the hardware is 1.2 to 8.0 meters, and the error is ± 1 millimeter per 50 meters, making it possible to project a highly accurate layout. The system can quickly deal with on-site drawing

changes by performing a series of processes on a tablet, from drawing upload to laser irradiation on the site.

To date, the company has successfully implemented its laser layout system in over 50 projects (including PoCs) in North America, Europe, and Asia including Japan.

(URL : [Youtube 『The New FramR by Mechasys』](#))

3. Future Outlook

Mechasys is currently working to develop a mass-production model and build a production system, with a target launch in 2024. To solve problems in the construction industry in Japan, Great Wave Ventures, Toda Corporation, Tokyu Construction, and Ogawa-Denki, a subsidiary of the Ogawa Group, will support the development of the mass-production model of Mechasys in cooperation with construction companies and construction equipment sales and leasing companies in Japan.



Photos: Marking on floors and ceilings and use case at manufacturing site



About Mechasys

Name : Mechasys (9373-6817 Quebec inc.)

Address : 9200 Park Ave, Suite #307, Montreal, QC H2N 1Z4, Canada

CEO : William St-Pierre

Founded : 2018

URL : <https://mechasys.ca/>

Contact from Media :

Great Wave Ventures : Iguchi
430 Park Ave, New York, NY 10022 nobu@greatwave.vc

Toda Corporation
Innovation Strategy Division : Haneda

TEL 080-7760-7328 toda.innovation_m@toda.co.jp

TOKYU CONSTRUCTION CO., LTD.

Corporate Communications Group, Corporate Planning Department,
Corporate Strategy Division : Nishida

TEL 03-5466-5008 webmaster@tokyu-cnst.co.jp

OGAWA DENKI CO.,LTD.

Finance·CVC Division : Ogawa

TEL 06-6621-0031 ogawa-j@ogawa.co.jp