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FOR IMMEDIATE RELEASE

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(Securities Code: 7128 Tokyo Stock  
Exchange Prime Market)  
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### **Notice of Concluding a Joint Research Agreement With Kyoto University**

MARUKA FURUSATO Corporation (headquarters: Osaka City, Japan; President and Representative Director: Ryohei Furusato; the “Company”) hereby announces that it has concluded a joint research agreement with Kyoto University (location: Kyoto City, Japan; President: Nagahiro Minato) with the aim of “building an integrated monitoring system for cattle behavior and vital signs information.”

#### **1. Background**

In the livestock industry in Japan, the number of farmers raising beef cattle is declining year after year due to a chronic labor shortage and the advancing age of farmers. Related to these issues, because the number of cattle raised per farmer is following an increasing trend, the burden on livestock farmers is increasing further, leading to a situation where the continuation of sound management is in danger.

Under these circumstances, it is believed that it is necessary to quickly make progress in IT adoption, which has been lagging behind efforts in other industries, in order to transform the livestock industry into a sustainable form. The Graduate School of Agriculture of Kyoto University has considered conducting research on using IoT to manage cattle behavior and vital signs information, such as temperature and heart rate.

The Company has established smart factory initiatives for realizing reforms in business processes and improvements in quality and productivity that leverage digital data in the manufacturing industry using the surveillance monitoring technological know-how of the Security Business as priority measures.

Upon learning of the initiatives of the Graduate School of Agriculture of Kyoto University, the

Company determined that its knowledge in the smart factory field could be utilized in “building an integrated monitoring system for cattle behavior and vital signs information” and concluded an agreement with the Graduate School of Agriculture of Kyoto University on joint research.

## 2. Purpose and detail of research

Purpose: Build a versatile system that can monitor various types of cattle behavior and vital signs information

Detail: Conduct research on the creation of a system for acquiring and analyzing video and audio information from cameras and microphones and vital signs information from sensors

## 3. Outline of the counterparty

(1) Name	Kyoto University, National University Corporation
(2) Address	36-1, Yoshida-honmachi, Sakyo-ku, Kyoto City, Japan
(3) Representative	Nagahiro Minato, President
(4) Foundation	June, 1897
(5) Relation with the Company	No personal or capital relationship; not regarded as “Related Parties”

## 4. Schedule of the Partnership

(1) Resolution Date	September 20, 2022
(2) Agreement Date	October 12, 2022
(3) Term of Agreement	From November 1, 2022 to October 31, 2024

## 5. Future Outlook

This research will encourage IT adoption in the livestock industry through building a system that uses monitoring and sensing technology, and will also lead to the realization of future smart farms. The Company believes that the impact of this agreement on the Group’s financial results will be immaterial. If any matters requiring disclosure arise in the future, the Company will promptly disclose them.



Livestock farm of Graduate School of Agriculture of Kyoto University (Kyotamba Town, Japan)