

MS&AD Insurance Group Holdings, Inc.
 Mitsui Sumitomo Insurance Co., Ltd.
 Aioi Nissay Dowa Insurance Co., Ltd.
 MS&AD InterRisk Research & Consulting, Inc.
 MS&AD Ventures Inc.
 The Tomorrow Companies Inc.

Started Joint Development of Disaster Prevention and Mitigation Services Utilizing Advanced Weather Data

Promoting Necessary Actions Based on Weather Forecasts to Support Corporate Disaster Prevention and Mitigation

Mitsui Sumitomo Insurance Co., Ltd. (President & CEO: Shinichiro Funabiki), Aioi Nissay Dowa Insurance Co., Ltd. (President & CEO: Yasuzo Kanasugi), MS&AD InterRisk Research & Consulting, Inc. (President: Terumi Nakamura), MS&AD Ventures Inc. (President: Takashi Sato), members of MS&AD Insurance Group, and The Tomorrow Companies Inc. (CEO: Shimon Elkabetz, "tomorrow.io") have reached a basic agreement on the joint development of weather risk services, and have started demonstration experiments to utilize advanced weather data for corporate disaster prevention and mitigation in the United States and Japan since March.

1. Background and Purpose

There is an increasing risk that climate change will have a significant impact on society and industry, affecting corporate performance. Until now, it has been difficult to obtain the detailed time and location weather data that companies need to prepare for weather risks, and it has been difficult to solve different problems for different industries and companies. Based on this background, we will jointly develop a weather risk service for the purpose of disaster prevention and mitigation for companies by utilizing high-resolution and accurate weather data from around the world.

2. Outline of demonstration experiments

Using a global weather security platform that utilizes Tomorrow's AI-powered weather forecasting technology "Weather Intelligence," the MS&AD Group will combine weather forecasting, such as typhoons and heavy rains, with its industry-specific accident prevention expertise to provide companies with timely disaster mitigation actions.

3. Future development

In response to large-scale disasters such as typhoons and heavy rains, the MS&AD Group has been working to enhance insurance underwriting, make early claims payments, and provide risk management services by utilizing various data and digital technologies. Utilizing the tomorrow.io technology, we will respond to intensifying natural disasters by presenting companies with disaster mitigation actions that combine pinpoint weather forecasts up to 96 hours in advance with alerts. In addition, we expect further development of the insurance products and services utilizing the data and technology that Hippo Holdings Inc., our U.S.-based insurtech partner, specializes in.

From 2022 to 2025, tomorrow.io plans to launch its own fleet of small weather satellites, which will provide higher resolution and accuracy of weather data. In addition to the services to be developed this time, by utilizing this weather satellite data, we will conduct demonstration tests using small weather satellites and jointly develop weather risk services for the first time in the Japanese insurance industry.

The MS&AD Group will lead the response to climate change through the development of new solutions utilizing Weather Intelligence, and aim to realize a resilient and sustainable society.

<Outline of tomorrow.io >

Name	Address	Features
The Tomorrow Companies Inc. (tomorrow.io)	9 Channel Center St, 7th Floor, Boston, MA 02210, USA	Based on weather data collected from around the world, it analyzes the impact of weather on business and provides a dashboard that shows concrete action plans for disaster prevention and mitigation in a timeline format.