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FOR IMMEDIATE RELEASE

## Marking 50<sup>th</sup> Earth Day: MUSCA announces participation in SPACE FOODSPHERE

TOKYO—April 22nd, 2020—Marking Earth Day’s 50th Anniversary, Musca Inc.\*(hereinafter “MUSCA”) announces participation in SPACE FOODSPHERE Program, promoted by SPACE FOODSPHERE General Incorporated Association as of April 22nd, 2020.



[Sharing our only home, Planet Earth] This Earth Day 2020, as we all stay home to overcome the pandemic COVID-19, we chose a coloring picture with well wishes for the world, so that your child may fill it in any way they wish and be happy, while we all socially distance, and fight for health and humanity in our only shared home, planet Earth.

Earth Day, held mostly online from the impact of Covid-19 this spring, celebrates its semicentennial on April 22nd, 2020, and continues to unite more than 1 billion people from over 190 nations around the world. What initially began as a movement to raise awareness of industrial development impact on human health and the environment, has since evolved to be a diversified, educational and action-oriented movement against environmental degradation and the climate crisis, urging change at all levels across the globe, from individuals, business, investment to city and national governments. Coincidentally, it has also been about 50 years, since the research and development of the thoroughbred houseflies and biomass recycling system owned by MUSCA, initially began. The world has changed dramatically since scientists in the Soviet Union had

researched nutrition options using houseflies reared on limited recycled resources, to feed astronauts on an outer-space mission. Today, MUSCA carries on their spirit of a “sustainable circular food system” at the heart of its insect-tech business, at a time when humans need more food on our planet with less environmental impact, more than ever before.



SPACE FOODSPHERE General Incorporated Association was established in April 2020, for strengthening Industry-Academia-Government collaboration, to expand the space food market creation initiative "Space Food X" which has been planned and managed by Real Tech Holdings Co., Ltd. in partnership with the National Research and

Development Agency, Japan Aerospace Exploration Agency(JAXA) among other organizations.

Space Food X was launched in March 2019, to co-create a solution for food problems both on earth and in outer space, drawing on Japan's advanced technology, cumulative knowledge and unique food culture. As a member of "Space Food X", MUSCA has been involved in discussions and research for the “future vision of food” both on earth and in space. With the program’s evolution into "SPACE FOODSPHERE", MUSCA will further contribute to the program with its circular economy approach to the agro-food system, utilizing insect tech to produce alternative protein from limited resources, towards the goal of building a sustainable, well being future for humanity.

--About MUSCA Inc.--

“Zero-Waste Nutrient Cycling in 1 Week”

Insect technology firm, MUSCA (<https://musca.info/en/> Office: Chuo-ku, Tokyo; CEO Ayano Ryugo), has selectively bred houseflies for almost 50 years over 1200 generations. MUSCA rears thoroughbred housefly larvae as insect-protein feed, while utilizing their energy to convert biomass into organic fertilizer in a one-week-cycle. A pioneer of housefly-farming in the emerging insect technology industry, MUSCA solves two essential problems in today’s agriculture, with biomass solution and alternative-protein feed within a single supply chain. With further products and services on the horizon, MUSCA presents a sustainable platform for a circular economy, working towards a cleaner planet with durable food security for future generations. / Media Contact : pr@musca.info