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Contribution of Moon Village to Solving Global Societal Issues (2)

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ASTRAX LUNAR CITY SIMULATION FACILITY CONSTRUCTION PLAN IN JAPAN 2024

**Abstract**

Since 2007, ASTRAX has been conducting a virtual lunar city development project called ASTRAX LUNAR CITY. It consists of the ASTRAX LUNAR CITY Business Community, which conducts business using lunar lands marketed by Lunar Embassy, Inc. of the United States, and the ASTRAX LUNAR CITY Residence Club, which enjoys the products and services created there. To date, around 400 businesses (companies, stores, cafes, restaurants, hospitals, schools, hotels, etc.) have become members, creating a variety of products and services that will be necessary for people to reach the Moon again and build cities in the near future. In order to manage the lunar address and promote business activities conducted there, ASTRAX has been working on a variety of platforms and dedicated applications to promote economic activities on the Moon, such as bi-monthly citizen meetings, 3D mapping to build a virtual lunar city, system development to match supply and demand, and development of dedicated applications, etc, we provide a variety of platforms and services to facilitate these activities. Furthermore, we have decided to build a lunar city simulation facility on Earth that simulates an actual lunar city to help ASTRAX LUNAR CITY members develop lunar services. This paper presents the status of the construction of the ASTRAX LUNAR CITY Simulation Facility in Japan.