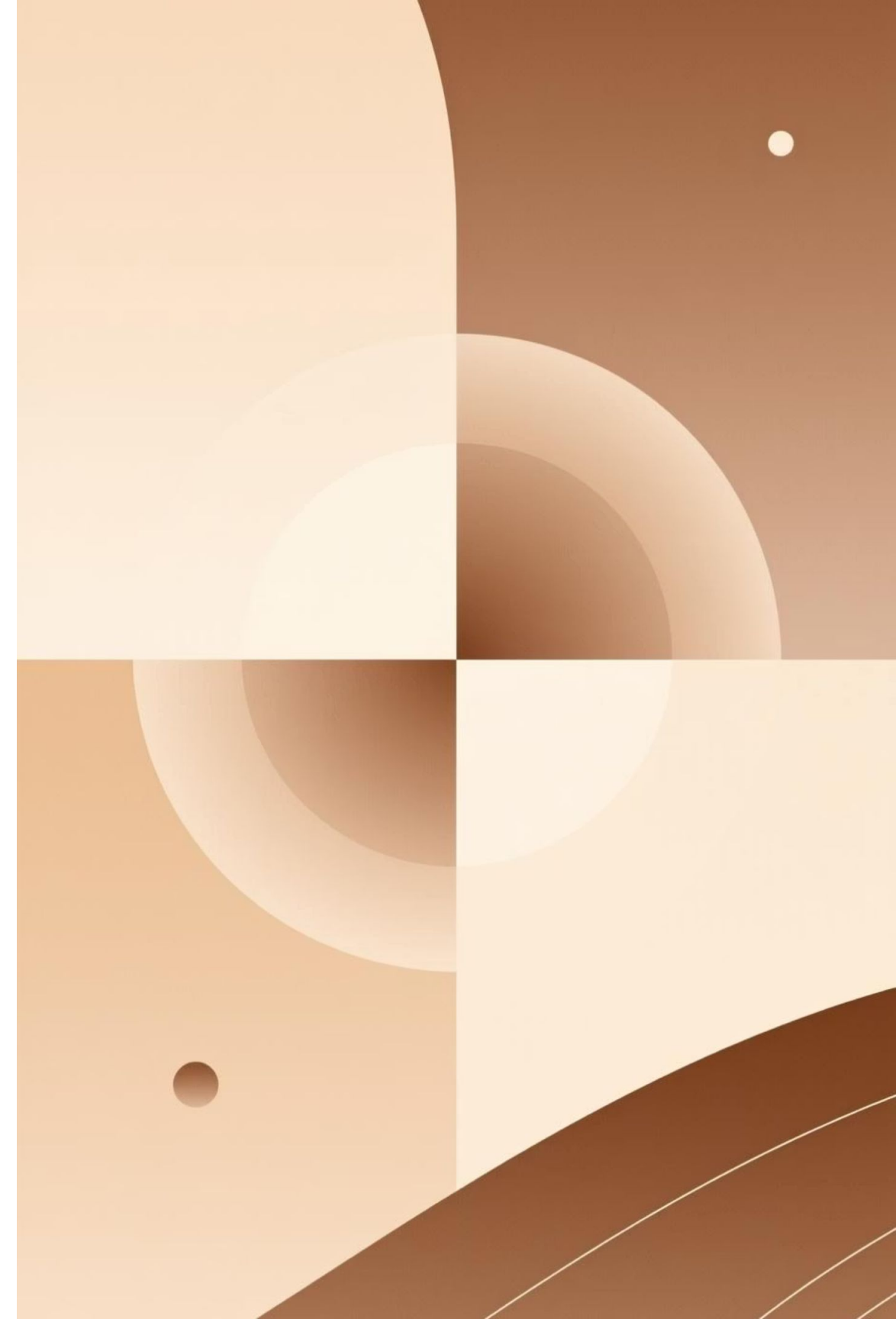


# Establishment Report of Earth Mk. II Lab Co., Ltd.

## 1. Announcement of Establishment

We are pleased to announce that Earth Mk. II Lab Co., Ltd. was established on 1 September 2025 at Harwell, Oxford, United Kingdom.



# Vision / Mission

## Vision

"Building a Space Colony with the Power of Japanese  
Machikōba Technologies"

## Mission

"Solving global challenges through Japanese technologies"

# Significance of Establishment

Creating a platform for direct dialogue between global  
researchers and Japanese engineers

Accumulating knowledge and technologies to address global  
challenges in space, ocean, energy, and healthcare

Bridging Japanese SMEs' technologies to the world's high  
value-added markets

Promoting development for a sustainable Earth and the  
vision of a "Second Earth (Earth Mk. II)"

# Core Business Activities



## International Joint Research

Collaboration with the University of Oxford and Harwell Science & Innovation Campus



## Exhibitions & Events

Planning and organising international presentations and promotional events such as "Japan Day"



## New Product Development

Creating global market-oriented products that leverage Japanese SME technologies to address social issues



## R&D Platform

Conducting demonstration projects in future cities, space, energy, healthcare, and quantum technologies

# Background

Japanese Machikōba (town factories) possess world-class technological capabilities and have advanced foundational skills through ingenuity and craftsmanship.

Harwell is one of the largest research hubs in Europe, bringing together leading research in space, energy, life sciences, and quantum technologies. This location was selected as the optimal base to directly connect Japanese technologies with global markets and researchers.

# Message from the Representative

"Japanese Machikōba's technologies are a driving force that supports the world. Earth Mk. II Lab will maximise this potential, foster innovation through direct dialogue with global researchers, and strive to realise the vision of a 'Second Earth = Mk. II' for the next 100 years."

## Company Overview

### Company Name

Earth Mk. II Lab Co., Ltd.

### Establishment Date

1 September 2025 • Company Structure: Joint Stock Company

### Location

Harwell Campus, Oxford, United Kingdom

### Japan Contact

Pit-A-Pat Co., Ltd. CEO Masato Oi

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