

Development of an inspection AI robot to solve social infrastructure maintenance issues (ugo, inc.)



City	Year of Establishment	Founder
Chiyoda-ku, Tokyo	2018	Ken Matsui

Partner VC	Latest round of Fundraising	Valuation
Mitsubishi UFJ Capital	Series B2	JPY 5,228 million

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○ Business Plan

We will develop a next-generation AI robot for inspecting social infrastructure, with the aim of achieving flexible movement on uneven terrain and autonomous control specialized for the inspection field, at the numerous aging inspection sites scattered throughout Japan.

○ Research Outline

The goal of this grant project is to complete an initial model of a multi-legged wheeled next-generation inspection AI robot. By determining whether it has achieved the step-climbing performance required by potential user businesses at several inspection sites, we will confirm that it has been fully accepted by the target market in the social infrastructure inspection area, which is the initial target. 1. Development of a multi-legged wheeled mobile mechanism 2. Development of a spatial recognition AI control system

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Mobility	STS 2025FY	JPY 160million	-