

# Demonstration of mass production for social implementation of the ASTERMOTOR drive system (ASTER Co., Ltd.)



City	Year of Establishment	Founder	Website
Yokote city, Akita	2010	Takenobu HONGO	<a href="https://www.ast-aster.biz/">https://www.ast-aster.biz/</a>

Partner VC	Latest round of Fundraising	Valuation
—	Non-Disclosure	Non-Disclosure

Contact Information :

tel : 0182-38-8552

Website : <https://www.ast-aster.biz/>

## ○ Business Plan

The ASTERMOTOR drive system, which includes an ASTERMOTOR using our proprietary aluminum ASTERCOIL technology and a specially designed inverter, is an incomparably compact, lightweight, and highly efficient system that has already been installed in EVs, drones, and industrial and consumer equipment in small quantities, and we are expanding our business with domestic and overseas partners.

## ○ Research Outline

We will address the following three themes.

- A. Performance improvement of high occupancy aluminum coil ASTERMOTORS
- B. Performance improvement of controllers optimized for ASTERMOTORS
- C. Improvement about QCD of mass production

In A and B, we will work on development to solve product needs and issues obtained from leading partners in the market for several individual markets where we aim to expand the use of ASTER motors. In C, we will work on improving QCD to enable early market launch of motor development products at low cost. By automating production and inspection and improving the versatility of processes, etc., a system will be created to achieve low-cost mass production and still be able to transfer and expand mass production technology.

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Mobility	DMP 2023~2025FY	JPY 1,011 million	—