

276th Business Plan Presentations Held on April 14 2026

Tech Hub Yokohama

1. IDDK Co.,Ltd. President & Representative Director: Soichiro Ueno

Established in June 2017 Capital Stock: JPY 27,427,000 (approx. USD 172,000)

At the core of IDDK's business are semiconductor-based micro imaging devices (MIDs) that do not use optical lenses.

Applying this technology, the company is promoting: 1) research, development, manufacture, and sales of MID equipment and peripheral technologies, and 2) the provision of micro bio space labs (MBS-LABs, furnishing opportunities for experimentation in a micro-gravity, cosmic radiation environment) using automatic bio experimentation units that can be mounted on artificial satellites. It is also working to expand into the fields such as medical care, life sciences, and food.

【Commentary】 IDDK's technology is a focus of attention for its prospects of replacing microscopic technology that has remained in use for about 400 years. Ordinary microscopes magnify objects with lenses for detailed observation. In contrast, IDDK's device adopts an unprecedented technology for observation by means of elements that are overwhelmingly small even as compared to the observation objects.

At this meeting, Mr. Ueno also gave a description of his striking vision for "creating a platform for space experimentation led by the private sector." At present, it is extremely expensive to conduct experiments in space; the cost averages tens of millions of yen per experiment. Moreover, the number of experiments is limited to only a few a year. With use of the company's technology, however, the cost can be held to one-tenth or less of the current level, and the experiments can be conducted with more flexibility and speed. As in last year, Mr. Ueno again spoke of his desire to partner with governmental institutions, academia, and other business companies, and to further build up the company's record of sales.



2. ADO RoBo Co.,Ltd. President & Representative Director: Mitsuyuki Iwasaki Presenter: Takeshi Nagai, Director & COO

Established in August 2018 Capital Stock: JPY 10,000,000 (approx. USD 63,000)

ADO RoBo Co., Ltd. is engaged in business related to ADO RoBo decelerators (reduction gears), a non-backlash, orthogonal-axis-output type of precession motion ball reducer. The markets for COBOTs (robots that collaborate with human operators) and humanoid robots are estimated at 4.4 and 23 trillion yen, respectively. The company is creating next-generation multi-joint robots that are mounted with ADO RoBo decelerators, which are a "killer technology" optimal for the joints of multi-joint robots.

-> Next-generation multi-joint robots are next-generation robot hands and arms that have straight and smart multiple joints, and deliver ultra-precise positioning with a simple structure. Going forward, the company posted the following aim for development of COBOT business.

Become a game-changer in the industry through provision of solutions for issues.

1)The targeted speed for COBOT positioning action is about 10 seconds.

-> This target cannot be hit due to backlash control (control of peripheral equipment, systems, etc.).

-> Japanese robot manufacturers are pursuing development targeting a speed of no more than six seconds, but have not yet achieved it.

2) ADO RoBo reducers can lower the target speed of the positioning action to no more than six seconds and decrease the cost.

- With existing reducers, backlash (play) is inevitably liable to occur because of the gear structure, and this makes accurate positioning difficult. The usual response is to compensate for the displacement by advance reading with an encoder, and prediction and control with a program.

【Commentary】 In contrast, the ADO RoBo decelerator eliminated backlash because it has an orthogonal-axis-output type of structure instead of a gear type. This made it possible to shorten the reach time to the target speed, which is viewed with importance in the humanoid robot market. Looking ahead, Mr. Nagai said that his vision includes acquisition and full use of data in the physical AI field that have so far been unavailable, and the further development of business.



3. Visal Corporation President & Representative Director: Cota Saito

Established in October 2022 Capital Stock: JPY 3,000,000 (approx. USD 19,000)

【Business】 right-hand, escort-type support for entering the Southeast Asian market

【Target countries】 the five main ASEAN countries, i.e., Indonesia, Thailand, Philippines, Malaysia, and Vietnam

【Features】 Visal Corporation has consistently been "the most important partner for entering overseas markets." It furnishes escort-type support as a "right-hand man" for successful entry into overseas markets and reinforcement of business in them. Going beyond so-called third-party consultation, advisory work, and desktop studies, Visal has a style, unique in Japan, of handling business cultivation and execution on the very front lines of on-site business as a stakeholder.

【Achievements】 support for first-time entry, problem-solving at existing local sites, construction of sales channels, on-site surveys, and other work

【Commentary】 There has been a steady increase in the number of companies that sense the potential of the Southeast Asian market and are considering full-fledged entry into it. It is, nevertheless, reportedly hard for them to succeed in business there solely on the strength of the conventional rear support by consulting firms. With his long record of achievement in developing business in all 34 provinces of Indonesia, Mr. Saito has an extremely rare career. Drawing on this experience, he established Visal with a keen awareness of the need for "escort-type support by Japanese with a thorough knowledge of the local market to lead the way to sure success with the lowest level of risk." The company is characterized by its ability to go beyond conventional consulting services and provide more practical, formidable support extending to the phase of execution, while making the most of its strengths in the aspects of vitality, speed, dialogue, and human networks. In this meeting, Mr. Saito proposed various styles of partnership with his company, whose future activities are a subject of high expectations.



《Impressions》 We received applications for participation in this last meeting until right before it was held. I could sense the high degree of interest among all who attended. There was a lively exchange of views in the reception after it. The companies which made presentations this time were bringing about innovations in different fields and striving to create new markets. We are looking forward to their future activities. If you are interested in presenting, we would appreciate it if you could contact us as soon as possible.