

## 270th Business Plan Presentations Held on September 9 2025

### Tech Hub Yokohama

#### 1. BIOTECHWORKS-H2 CO.,LTD. President Mr. Akihide Nishikawa

Established in July 2023 Capital stock: USD \$ 460,000

BIOTECHWORKS-H2 is conducting the Rubbish-Zero Project, which is aimed at recovering hydrogen from waste and turning it into renewable energy. It performs a pre-treatment process of its own development for organic waste, and has constructed a total scheme to raise the rate of hydrogen generation in a gasification furnace to the maximum and then convert it into energy. It also provides a platform that makes the amounts of hydrogen and CO2 reduction generated visible.

【Features】The project is related to the tasks of shouldering the burden of waste treatment costs that is faced by many self-governing bodies and achievement of the “hydrogen society” that holds the key and can be passed on to the next generation. Addressing these two tasks, the project uses waste that is cheap and in stable supply as raw material for the generation of hydrogen that will be converted into the next energy, under a scheme of local production and local consumption. The company is striving to help the profit-making waste treatment facilities become the standard equipment 25 years from now.

【Future developments】Next year, the company intends to start construction and proving tests with a view to commercialization. These tests will cover the entire process from decomposition of waste to hydrogenation and utilization for renewable energy. In short, the company plans to put the facilities into regular operation on the road to commercialization.

【Re-Cap】At present, almost all hydrogen is made with sunlight. Its production is problematic, in that it entails high costs (about 10 times as high as gasoline). In this situation, the company is being selected for three main reasons: 1) It transform inorganic waste into slag, to attain zero waste; 2) it gasifies the waste and generates hydrogen at low cost; and 3) It offers traceability through the REBORN platform, and makes the supply visible. Mr. Nishikawa said that, going forward, he wants to expand the scope of customers to include self-governing bodies and business firms that are now considering replacement of incinerators, and parties in Southeast Asia, where use of waste for landfill is becoming a serious problem. He has in mind IPO further in the future.



#### 2. TOKYO SEIMITSU HATSUJO CO.,LTD. President Ms. Takako Ohnishi

Established in June 1953 Capital stock: USD \$ 150,000

Tokyo Seimitsu Hatsujo was founded as a manufacturer of springs in 1953. It is now engaged in the development and manufacture of unique products using the experience, technology, and ideas cultivated over the intervening years as “springs.” It developed equipment with built-in machine tools. Subsequently, in response to the views of customers and the challenge of resolving the problem of scratches arising in the manufacturing process for its own products, it developed the WING BEND Plus (WBP), a new lower die product for use as a press brake. It has obtained a patent for the mechanism of this product, which has become a die that applies know-how and technology from spring manufacturing to resolve not only the scratch problem but also other issues in metal plate processing at a single stroke. The product has delighted customers and is building up a record of sales outside Japan as well. The company wants more and more customers to learn about this product, which helps to reduce process steps and increase productivity.

【Re-Cap】Machine tools are regarded as the starting points of machinery and the first to be used on the site of product manufacture. Tokyo Seimitsu Hatsujo developed equipment with such machine tools built in, and so is supporting manufacturing. Ms. Ohnishi said that the company decided to introduce WING BEND Plus with expectations that it would eliminate scratches, improve the process, and reduce process steps in production by manufacturers of medical apparatus and automakers. She added, “We are determined to continue taking up the challenge of developing new products for the resolution of problems confronting customers, so please do not hesitate to consult us about difficulties on the production site and wishes for certain improvements. Let’s work together in driving innovations for the future.”



#### 3. HAMA K.K. President Mr. Masata Kaneda

Established in January 2025 Capital stock: USD \$ 10,000

HAMA K.K. is a deep-tech startup engaged in the development and manufacture of all sorts of unmanned vehicles, and provision of related solutions. The list of products is headed by a seaplane-type aircraft that can take off and land on water and is without precedent worldwide. Empathizing with the “innovation cost concept,” which is one of the measures for recovery in the areas affected by the catastrophe

at the Fukushima Daichi Nuclear Power Station, the company placed its head office in the city of Minami-Soma in Fukushima Prefecture. It also employed about 20 engineers in development at the Hard Tech Hub, a research and development center on the premises of the Yokohama plant of Mitsubishi Heavy Industries in the city of Yokohama. Ever since its establishment, it has won recognition for its capabilities in unmanned vehicle development it accumulated over so many years. At present, it is receiving many inquiries and orders from national ministries and agencies, companies, and academia concerning safety assurance, disasters, and climate change.

Along with the rapid expansion of its business, HAMA sees the need for proactive hiring of engineers with experience in mobility-related design and development. It will also require corporate experts. It intends to meet these requirements one by one, through partnership with the various concerned parties within Kanagawa Prefecture and Yokohama. Its goal is continued growth until it becomes a unicorn company in the 2030s.

【Re-Cap】Mr. Kaneda established HAMA after participating in the launch of an aerospace venture. His company’s vision is to safeguard the future and open up possibilities in view of the rising technical needs for unmanned vehicles in the field of safety assurance and disaster prevention. It is looking for assistance with the hiring of engineers with a record of achievement in mobility-related development.



《Impressions》 This time, the companies making presentations were all technology-oriented, and interest ran high among the participants. In fact, this meeting attracted the most participants of any over the last few years. At this meeting, there was plenty of interchange among the representatives of the presenting companies themselves.

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.

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