



Cat Ba Island, Vietnam

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## Message from the New President

On June 20, 2024, I, Tadashi Suzuki, assumed the mantle of the fifth president of Hiyoshi Corporation. Since its inception in 1955, Hiyoshi has been engaged in environmental conservation business for 70 years, providing essential services such as general waste management, waste treatment, and the operation and maintenance of water and sewage infrastructure. Guided by our corporate ethos of “Society-driven Company, Technology-driven Company,” we provide one-stop environmental services “encompassing Analyzing, Observing, Protecting, and Creating” to contribute to a safe and sustainable society. We are dedicated to cultivating a diverse and inclusive workplace, enhancing the well-being of our employees, and contributing to the betterment of society. By forging deeper connections with local communities, we are resolute in addressing societal challenges and fulfilling our indispensable role as essential workers. Looking ahead, we are committed to embodying the principles of “Shihoyoshi” which means “Good in four directions” and uniting as a company to achieve the milestone of becoming a 100-year company.



## International Contributions

### Activities in Vietnam : Hai Phong City and Quang Ninh Province.

For two years, from March 2015 to March 2017, in Phase 1 of the JICA Grassroots-level Project for Regional Revitalization, we worked to establish the foundation for industry-government-private sector collaboration which led to the formation of “Green Cat Ba,” a collaborative organization in Cat Ba Island, Cat Hai District, Hai Phong City, Vietnam.

Subsequently, from March 2020 for four years (with actual project implementation spanning two and a half years due to the COVID-19 pandemic), we implemented Phase 2 of the JICA Grassroots-level Project for Regional Revitalization: “Supporting the Appropriate Conservation of the Coastal Waters of Ha Long Bay and Cat Ba Island by utilizing the Lake Biwa Model.” In this project, Hiyoshi Corporation provided technical support for the proper management and operation of wastewater treatment facilities. As a result, we conducted routine inspections and water quality measurements necessary for the proper operation and maintenance of wastewater treatment facilities and provided training on maintenance management methods using the resulting data, which was compiled and organized into a manual.



and isolated islands in Cat Ba, where Hiyoshi Corporation is involved, we will promote the introduction of solar power generation facilities, energy-saving boilers, energy-saving chillers, biogas generation equipment, and waste biomass carbonization equipment to improve water and sanitation environments and contribute to a decarbonized society.

Furthermore, in collaboration with other organizations participating in this project, we have established the “Cat Ba Model” through training on improving coastal water environmental monitoring techniques and the creation of a handbook, the promotion of island-wide simultaneous clean-ups under the slogan “Green Cat Ba,” and upcycling activities for discarded plastics. This model has paved the way for the voluntary promotion of green growth throughout the coastal area, including Ha Long Bay.

Through long-term collaborative activities between the Shiga Prefecture team, including Hiyoshi Corporation, and officials from Hai Phong City and the neighboring Quang Ninh Province, we will undertake an “Inter-city Cooperation Project for Realizing a Decarbonized Society” that has been adopted by the Ministry of the Environment. Specifically, in addition to introducing combined wastewater treatment (Johkasou) technology to remote



## International Contributions

### Interns from India embarked on a two-month environmental training program

This year marks the 16th year of our internship program in India. As awareness of the program has grown, this year witnessed a surge in applications, with 654 submissions received from 110 Indian universities. Two trainees, selected from among these applicants, arrived in Japan on May 20 for a two-month training period that concluded on July 15. During their brief stay in Japan, they underwent training in environmental and food analysis, facility maintenance management, and Japanese culture. It is our expectation that they will contribute to raising environmental awareness in India and fostering stronger ties between Japan and India.



### Comments from the Interns



Eldho Elias

During my internship at Hiyoshi Corporation, I gained hands-on experience in operating instruments like ICP-MS, and AAS and studied Japanese and Indian standards in food and water analysis. I inspected sewage treatment facilities, including Johkasou, and learned about meticulous maintenance. I observed Japan's cleanliness and waste management practices. I visited various facilities, including night soil plants, water purification centers, a recycling factory, an energy center, and a pearl factory. I conducted market research on biodiesel fuel production and presented my findings. The internship immersed me in Japanese culture and significantly contributed to my professional and personal growth.



Sakshi Katkur

I had the opportunity to undergo internship training focusing on the environment at Hiyoshi Corporation. I tested metals in water, comparing results to Japanese and Indian standards and conducted food analysis such as testing aflatoxin levels in lentils, millets, rice, and vegetables. Additionally, I performed herbicide analysis using dichloromethane on honey samples. I also conducted DON (Deoxynivalenol) and pesticide analysis, using GC/MS.

I learned about the Japanese sewage management system, particularly Johkasou. This internship taught me about discipline, responsibility, and Japan's commitment to cleanliness and efficient waste management. It was a valuable experience that helped me grow personally and professionally.

## Disaster Relief Efforts



On the first day of January 2024, the Noto Peninsula was struck by a devastating earthquake. Our company, ever mindful of its civic duty, was eager to contribute to the relief efforts. Through our affiliation with the Shiga Environmental Maintenance Business Cooperative, we received a solemn request for assistance in the collection and treatment of sewage.

From the ninth to the fourteenth of January, our company embarked upon a mission of support amidst the chaos that ensued. The earthquake had rendered the region's sewage treatment infrastructure inoperable. In response, we undertook the arduous task of transporting sewage from the affected areas to a functional facility situated one hundred kilometers distant.

Our personnel, dispatched to the stricken region, bore witness to the catastrophic consequences of the quake. Manhole covers were displaced, roads had collapsed, and landslides had occurred. The treatment facility itself had sunk by half a meter, its vital pipelines ruptured, and its operations brought to a standstill. In the face of such devastation, our employees were profoundly moved by the stark realization of how dependent we are upon the seemingly mundane conveniences of modern life – the effortless flow of water running from a faucet or the instant illumination of light by turning on the switch.

In collaboration with governmental authorities, we remain steadfast in our commitment to supporting the recovery of this afflicted region.



## Introduction of Special Vehicles



### Garbage Collecting Truck with Children's Drawings



This year once again, we have introduced a new garbage packer truck adorned with illustrations drawn by local fourth-grade students on the theme of "environment". The truck was unveiled to 112 students from a local elementary school. This initiative, a 30 year-long environmental learning program, aims to instill in students the importance of waste segregation and other environmental practices, so that these actions become second nature to them.

### New Tank Trucks for Chemical Delivery



We are pleased to announce the arrival of our new tanker trucks for chemicals: Poly Ferric Chloride and Sodium Hydroxide. Going forward, we are committed to providing our customers with flexible and responsive service.



- Paper: Lake Biwa eco-friendly paper (includes a donation to support environmental preservation activities for Lake Biwa)
- FSC®-certified paper using responsible wood or recyclable resources
- Ink: Environmentally friendly ink (vegetable oil or non-VOC ink)
- Printing: Waterless printing without discharge of harmful effluents
- Carbon (CO<sub>2</sub>) generated in manufacturing and disposal offset by credits from businesses with emission reductions in Shiga Prefecture
- CO<sub>2</sub> emissions: 189 kg/500 sheets