



"We Are Always With You" From Your K Line America Friends 2021-2022

K-Line Strong! Good Day My Friend!
Have a Wonderful Day!
Your Jumpstarts Are Good!
Safe Sailings!
K-Line Strong!

Thank You Seafarers!
We're Thinking of You!
You Make It All Possible!
Be Safe & Be Well!
Thank You Seafarers!
Good Day My Friend!

Thank You Very Much for Fighting the Toughest Seas!
We Can Make It!
We Are Always With you!
Nothing Is Impossible With You on Our Side!

Keep Believing, Keep Steaming, Keep Positive!
We're Thinking of You!
You Make It All Possible!
Be Safe & Be Well!
Thank You Seafarers!
Good Day My Friend!

Look Forward to Continuing to Work Together!
We Can Make It!
We Are Always With you!
Nothing Is Impossible With You on Our Side!

Where Would We Be Without You?

OCEAN BREEZE



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Girls and Boys Day 2022

"K" Line (Deutschland) GmbH

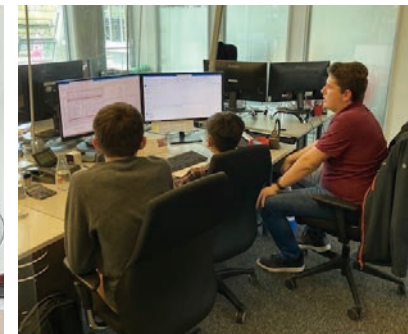
On the 28th of April the boys and girls day took place at our Hamburg office. The aim of this event is to give teenagers a closer view into the daily business at "K" Line Hamburg.

We started the day off by giving our four young visitors a presentation about the history of "K" Line and the RoRo business. After a tour through our office the teenagers were able to gain some experience in the CSV and QCM department. The CSV colleagues introduced them to our booking process by demonstrating the necessary tools like GApp or Excel. The QCM department shared information about RT planning and the use of BREAD, RT stock handling via POWER BI and showcased lashing materials.

To conclude this exciting day we tested the attentiveness of the participants with a small "K" Line related Quiz. After that we send them on their way with a few "K" Line presents and hopefully some good impressions of our company. All in all it was an eventful day and we hope to repeat it next year.

What is Boys and Girls Day?

Boys and Girls Day is a special day once a year at the end of April held across Germany where young students from 6th – 10th grade spend the day with a company. They do not have to attend school on that day. The original intention was to drive equality among job profiles, i.e. to attract girls to professions carried out by male predominately and to attract boys in same way to jobs carried out by female. Today, it has evolved to an event for companies to attract and create interest for the job profile (for example in KDE as shipbroker) and the company itself already at early stage. The attracting of young talents will be a difficult task for the years to come and this is a good opportunity for "K" Line (Deutschland) GmbH to create visibility and attention to the outside to young potentials in the future.



"K" Line has been awarded as Most Valuable Partner for Toyota's "Environmental Promotion Awards"

North America Team, Car Carrier Business Group

"K" Line was awarded the Environmental Promotion Awards from Toyota Motor Corporation this past spring. This award recognizes Toyota's partners that exceed in environmental actions/visions, quality control (damage prevention) and technology development. There are three grades to this award which are, the excellence award, the outstanding performance award, and the MVP award, being the highest, for that company's exceeding performance. "K" Line was recognized as MVP this time. There are over 400 companies that are considered as candidates to this award, and it is our great honor to share that K-Line is recognized with their highest grade. We can understand Toyota's highest acknowledgment of our activities, and their expectations towards us.

The presentation ceremony took place at our office on March 16, 2022. Mr. Matsuyama, the Deputy Chief Officer of Purchasing Group of Toyota Motor Corporation, visited us to present the award and the trophy. He presented a certificate of merit and a trophy to President & CEO Yukikazu Myochin and Director Yasunari Sonobe.

Toyota Motor Corporation has revealed their Toyota Environmental Challenge 2050 environmental vision. Their goal is to not only reduce the CO₂ emissions from the vehicle itself, but to decrease them in multiple stages of their business, from the manufacturing stage, transportation and even at the disposal stage to achieve carbon neutrality of the entire life cycle of an automobile. "K" Line's environmental visions and its actions, which includes initiating LNG fuel supply business and expanding LNG fueled vessels were the points which were specifically acknowledged and were in line with Toyota's environmental visions. CENTURY HIGHWAY GREEN, our first LNG fueled car carrier, has carried Toyota vehicles made in Japan since its delivery in 2021.

With the awareness of their recognition towards us as an important partner, we would like to continue to be the main, important partner toward Toyota and ensure an even stronger partnership with Toyota.



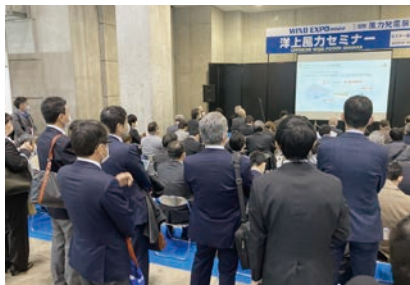
"K" Line Group

For the Second Time, opened a Booth at WIND EXPO in Spring, Following to 2021.

Renewable Green Business Team, Carbon-Neutral Promotion Group

At WIND EXPO sponsored by RX Japan Ltd. and held from March 16th to 18th 2022 at Tokyo Big Sight, we jointly opened a booth with KAWASAKI KINKAI KISEN KAISHA, LTD., "K" Line Wind Service, LTD., "K" LINE LOGISTICS, LTD. and Daito Corporation.

It was the second opportunity following to the one held in last September to present "K" Line Group's targets and activities in offshore wind related business. It was the tenth Spring WIND EXPO. It is one of the most popular Expo in Japan and the theme of whole exhibition is not limited to wind power, but also any carbon neutral subjects such as solar power generation, hydrogen and fuel cells. The expo had over 60,000 visitors to the three-day event in the days before the COVID-19 pandemic. This time, WIND EXPO successfully pulled in over 40,000 visitors despite of the limitation to number of people can enter hall at once. About 1,000 visitors came to the "K" Line Group booth during the three days. We presented the activities of "K" Line Group and "K" Line Wind Service. Over 150 people attended a "K" Line Wind Service seminar presented by President Kuge on Friday, March 18, although the venue capacity was around 50 people.



Since its foundation in June 2021, "K" Line Wind Service has continuously communicated and connected with a number of customers in the offshore wind industry. Appreciating the discussion opportunities with customers as well as the presentation at those exhibitions, we could feel "K" Line Wind Service and its activities are well recognized in the industry.

The joint project "Mass-production and Cost Reduction of Floating Offshore Wind Installation" which we had been adapted by NEDO GI funds* in January 2022 were the main update we presented at the expo this time. The project was introduced with a model of floating wind turbines designed by Japan Marine United Corporation who is the consortium leader of the project.

"K" Line Wind Service will keep developing the business opportunities in offshore wind industry.



* "K" Line Wind Service, Ltd. was adapted by NEDO (New Energy and Industrial Technology Development Organization) Green Innovation Funds for "Mass-Production and Cost Reduction of Floating Offshore Wind Installation", together with Japan Marine United Corporation, Nihon Shipyard Co., Ltd. and Toa Corporation
For more information, see the spring issue of Ocean Breeze.

Panama Maritime Authority Administrator and Minister of Maritime Affairs Pays a Courtesy Call

Corporate Planning Group

On April 19, Noriel Arauz, the Panama Maritime Authority Administrator and Minister of Maritime Affairs, visited us to meet with President & CEO Yukikazu Myochin, Vice President Executive Officer Atsuo Asano, and Senior Managing Executive Officer Kiyotaka Aya while staying in Japan for SEA JAPAN. It had been a long time since they had met because the previously planned visit had been postponed due to the COVID-19 pandemic.

We exchanged messages of gratitude for the continuing relationship of cooperation in a friendly atmosphere. Panama announced on April 1 that they were planning to increase Panama Canal tolls drastically. All of the Japanese people they met were concerned about this. The group promised to communicate the messages they received to the Panama Canal Authority when returning home as the Panama Canal Authority was in charge of the matter, not the Panama Maritime Authority.

It is getting more difficult to conduct crew changes around the world because of the pandemic and the Russian invasion of Ukraine. We thanked Panama for responding flexibly to the circumstances. They said that they would maximize efficiency by digitalizing the procedures for registering ships in the Panamanian ship registry. They also shared ambitious proposals. They wanted to know about the things they could improve and prepare for replenishment with new fuels.

At the end of the meeting, we promised to maintain and improve our good communications and see them again.



(from left to right): Mr. Juan Maltez (Capt.) / General Director of Seafarers, Panama Maritime Authority, Mr. Carlos Pere (H.E.) / Ambassador of Panama to Japan and Consul General of Panama in Tokyo, Mr. Noriel Arauz / Minister of Maritime Affairs and Administrator of Panama Maritime Authority, Mr. Rafael Cigarruista (ENG.) / General Director of Merchant Marine, Panama Maritime Authority, and Mr. Samuel Guevara / Chief of Segumar Tokyo, General Directorate of Merchant Marine, Panama Maritime Authority

Sea Japan 2022 Held!

Communication Team, Corporate Sustainability, Environment Management, IR and Communication Group

Sea Japan 2022 was held at Tokyo Big Sight from Wednesday, April 20, 2022 to Friday, April 22, 2022.

As the largest international biennial maritime exhibition in Japan, Sea Japan publicizes the activities of marine industries by presenting cutting-edge technologies, initiatives and products and gathering people from marine industries, such as shipbuilders, shipowners and people from the vessel equipment industry. The event provides opportunities for networking within the industry as it attracts many people from related sectors in Japan and overseas.

This year was the first time in four years that it had been held. It was held in 2018 and cancelled due to the COVID-19 pandemic in 2020.

Despite the continuing COVID-19 pandemic, 19,000 visitors attended Sea Japan and about 350 exhibitors took part in the exhibition. The number of visitors was almost the same as the last time the event was held in 2018. This in-person event ended on a high note after the long absence. Here we explain the keynote speech by President & CEO Yukikazu Myochin, the seminar about ship and ocean technology by Manager of Advance Technology Group Shinya Yamasaki, and the exhibition of panels and videos.



Front view of the booth

[Keynote Speech by President & CEO Yukikazu Myochin]

President & CEO Yukikazu Myochin made a keynote speech at the beginning of "Green X Shipping - Japan's Growth Path" at the international conference of Sea Japan 2022 on April 21.

About 400 people were in the audience. The 45-minute speech discussed low-carbonization and decarbonization initiatives within the "K" Line Group and the maritime shipping industry on the theme of Low-carbonization and Decarbonization Strategy to Achieve Net Zero.

If you would like to view the materials for the keynote speech, please contact communication team (kljtyocmn@jp.kline.com).



[Lecture during Ships and Marine Technology Seminar]

Shinya Yamasaki, manager of Advanced Technology Development Team, lectured about the introduction of the Seawing automated kite system (wind power propulsion) in a seminar about ships and marine technology (theme: challenges in the maritime shipping, shipbuilding and marine industries for the realization of a decarbonized society) on April 22.

Wind power is the ultimate natural green energy. It does not require networks for the production and supply of fuels and it can reduce CO₂ emissions about 20% by introducing Seawing. In addition to the characteristics of wind power, he explained the plan for its introduction. The lecture was substantial and profound despite it being a short 15 minutes.



[Exhibition of Panels, Videos and Models]

Every event, "K" Line opens a booth within the Japan Pavilion showcasing the state-of-the-art technologies of Japanese marine industries. Over 20 team members work the Japan Pavilion, including people from the Ministry of Land, Infrastructure, Transport and Tourism and from people in industries such as maritime shipping and shipbuilding. Each exhibition, the pavilion's operations are based on a theme. This time, the theme of the exhibition was "Earth and ocean-friendly technology — for the sustainable GX and DX of society."

We shared information about our initiatives and displayed the following panels, all on the theme of low- carbonization and the decarbonization of the company and society, and advanced technologies such as autonomous navigation. Our exhibition booth was located in a busy area on the main passage inside the Japan Pavilion, and it displayed a wide variety of exhibition panels. As a result, we welcomed many visitors, visitors asked the attendants from our group that were there to explain the panels many questions and the attendants gave detailed explanations about our group's state-of-the-art technologies and initiatives.

(Exhibit 1: Introductory panels)

Low-carbonization initiatives

- LNG/LPG-fueled vessel and LNG fuel supply business
- Seawing (overview and mechanism, development schedule, future vision)

Decarbonization initiatives

- "K" Line Wind Service (offshore wind power support vessel business)
- Ammonia-fueled vessel (development of zero-emission vessel)
- CC-Ocean (shipboard CO₂ capture demonstration)

Advanced technology and safety in navigation and cargo operations

- K-Assist Project (Integrated navigation support system)

Environmental Vision 2050

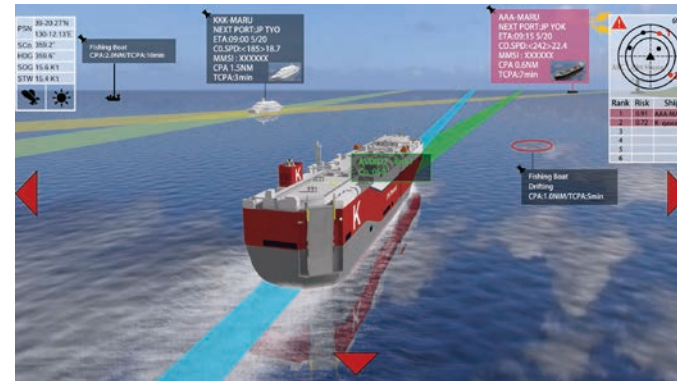


(Exhibit 2: Videos)

In addition to the panels, we shared videos introducing navigation support systems, Seawing, offshore wind power support vessel businesses and LNG fuel supply systems.

For example, a navigation support system video showed how a high-performance infrared camera recognizes other vessels in low-visibility conditions when navigating at night.

The Seawing video visually explained how the system operates when opening a kite. The videos facilitated explanations, including explanations of things that are difficult to imagine with only the explanation provided using the panel. We received positive feedback from many visitors.



Integrated navigation support system

(Exhibit 3: Models)

The offshore wind power section presented a georama showing Okishima, the inshore tugboat owned by Daito Corporation, tugging a monopile used for offshore wind power generation, and a model ship of Akatsuki, which has the greatest towing power of 150 tons in Japan. Visitors asked many questions about these exhibits, which reflected their high interest in the offshore wind power support vessel business of the "K" Line Wind Service.



[Special Episode: Eco-Friendly Shopping Bags Gaining Popularity!]

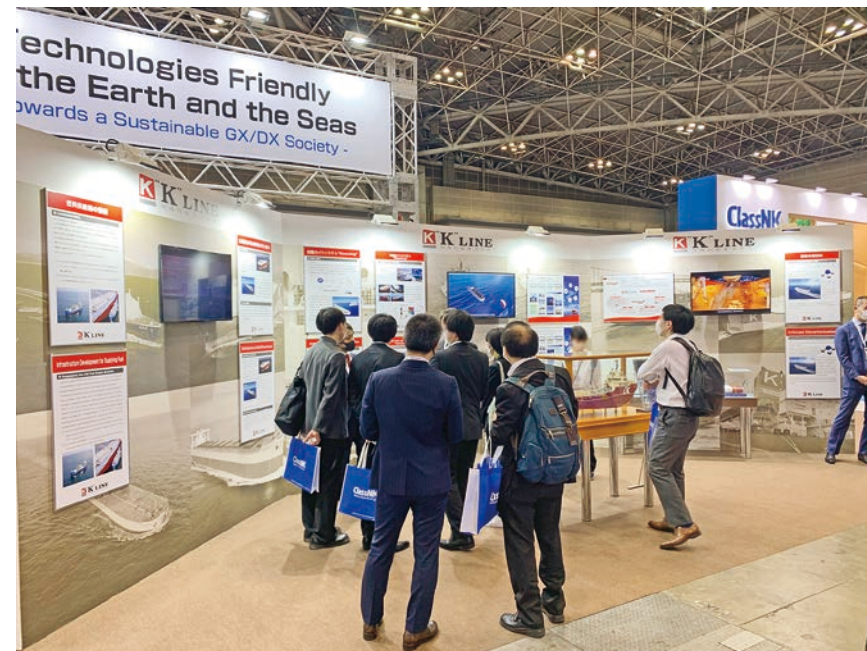
We prepared several types of novelty goods, including coasters, sticky notes and ballpoint pens. Among these goods, the eco-friendly shopping bags gained the overwhelming popularity of visitors.

Many visitors came to our booth from the second day onward, asking if they could have a reusable eco bag. All 1,000 bags were gone in the early hours of the final day. We would like to prepare novelty goods that will be more popular than the eco-friendly shopping bags!

The next Sea Japan is planned for April 2024.

It is expected that the COVID-19 pandemic will end (hopefully) by the year after next. Then, the number of visitors will grow dramatically. We will try hard to enable more visitors to regard the "K" Line's exhibition booth as the best booth.

We would like to express our gratitude again to the people from the related units and affiliated companies that helped us in everything from booth preparation to operation, and to the people who attended our booth exhibition during the event period!



Descriptive Article: About the FY2022 Medium-term Management Plan

Important Points in the FY2022 Medium-term Management Plan

This article describes (1) key points in the "K" LINE Group's Medium-term Management Plan announced on May 9 and (2) the revised Corporate Principle, Vision, and Values the "K" LINE Group prizes, which are the basis for our long-term management vision.

- The "K" LINE Group, which has entered a new management stage, will pursue sustainable growth utilizing its strengths to increase its corporate value.
- The Group will aim to increase the trust it has earned from all stakeholders.

(1) We have determined the directions for the growth of our business.

- ✓ Following the drastic improvement of its financial strength, "K"LINE arrived at a new phase
- ✓ Increasing corporate value through growth by contributing to low-carbon and decarbonization initiatives focusing on the shipping business

(2) We have reviewed our business portfolio.

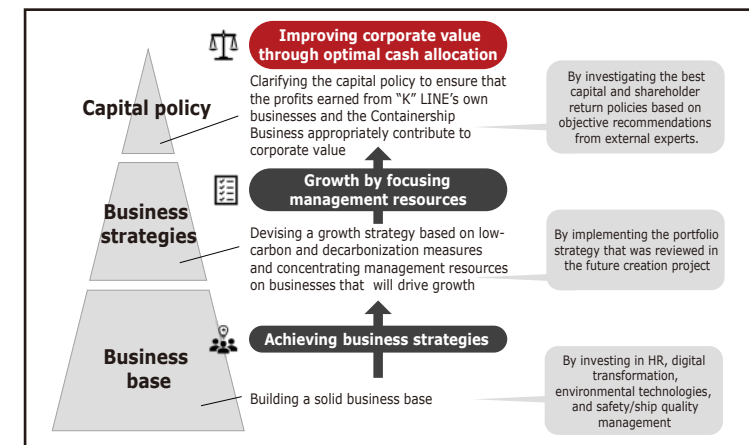
- ✓ Aiming to achieve sustainable growth as a company that is highly resistant to market fluctuations with the two pillars of the Containership Business and the "K" LINE's own businesses
- ✓ Concentrated allocation of management resources in the businesses that drive growth
- ✓ The Containership Business is an important business segment for the "K" LINE Group, and we work to ensure that it contributes to the increase of our corporate value.

(3) We will strengthen the foundation of our business.

- ✓ Improving the technologies and expertise that only the "K" LINE Group can provide by investing in human resources, organizations and the systems and technologies that support them
- ✓ Leveraging expertise to create added value that matches customer-specific needs through organizational sales and establishing competitive superiority

(4) We will promote the clarification of capital policies.

- ✓ Improving the profitability of the "K" LINE's businesses expecting ordinary income of 140.0 billion yen in FY26
- ✓ "K" LINE will invest 520.0 billion yen over five years
- ✓ Continued improvement of the valuation of each business, capital discipline, financial discipline and investment discipline with an awareness of the cost of capital
- ✓ Building an optimal capital structure and allocating cash focusing on growth investment and shareholder returns
- ✓ Year-end dividend of 600 yen per share in FY2021. "K" LINE is planning to return more than 100.0 billion yen to shareholders in FY2022 in addition to the annual dividend of 300 yen per share.
- ✓ "K" LINE is planning to return a total of 400.0-500.0 billion yen to shareholders by FY26 and is flexibly considering the payment of additional dividends and stock buy-backs



New "K" LINE Group Corporate Principle, Vision and Values

Objective of the "K" LINE Group
New [Corporate Principle][Vision][Values the "K" LINE Group prizes]

Corporate Principle ~ **trust from all over the world** ~
As a logistics company rooted in the shipping industry, we help make the lives of people more affluent.

Vision As a partner trusted by all its stakeholders, we aim for sustainable growth and greater corporate value by supporting the infrastructure of the global community.

Values the "K" LINE Group prizes

- Providing safe and optimized services that put the customer first.
- Tireless attitude toward problem solving
- Providing the value only "K" LINE can in pursuit of expertise
- Relentless efforts to achieve innovation
- Contributing to the global environment and a sustainable society
- Respecting individuals and ensuring fair business activities by embracing diverse values

Promoting low-carbon/zero-carbon emissions for the company and society while enhancing our corporate value.

Concentration of management resources on organizational roles that drive growth

Partnerships with customers who can share growth opportunities

Here, we will describe the purposes and structures of the "K" LINE Group's Corporate Principle, Vision, and Values. They contain our wishes regarding the values that we should have, how we should act and implement them in our daily operations to pursue our Corporate Principle, which are the company's raison d'être.



Did you know?



The Corporate Principle is read as "K" LINE: trust from all over the world, including the funnel mark. This contains our hope that the "continuous efforts to make the funnel mark a testament to our logistics which are trusted all over the world." Therefore, the funnel mark is included in our Corporate Principle.

Our red-top funnel mark, which is a symbol that has not been changed since our foundation, appears at ports all around the world. This will never change, even in drastically changing times as a testament to our efforts to help make the lives of people more affluent as a part of global infrastructure that is trusted by customers who entrusted their cargo to us as a result of our continuous efforts to ensure safety in navigation and cargo operations. This is the Group's raison d'être.



We have released a video explaining the Medium-term Management Plan on "K" line With, an in-house website for sharing information using video.

We have already launched "K" line With at our Head Office and are currently working to expand it globally. If you are interested, please do not hesitate to contact temporary overseas assignments.

Project Supporting Ships Calling at North American Ports

"K" Line America, Inc.



From last summer, "K" Line America (hereinafter "KAM") has started a project of supporting project by sending message poster and American specialties(mainly doughnuts) to vessels which are calling to the U.S. The project was born to show KAM's gratitude to our essential maritime workers who maintain "K" Line's quality of service and are working very hard day and night on the ship under the many restrictions and difficulties of COVID-19.

Unlike in the Pre-Pandemic days, crew members cannot land shore during calling at ports. And their boarding periods are prolonged due to difficulties of crew replacement at many countries, and they stay away from their family longer than usual. The title of the project, "We Are With You" was proposed by KAM national staff and it meant to our wishes that crew members would feel like they are in the U.S. even they cannot land shore, and they would feel connected with our shore staff. Until today, we have delivered these posters and specialties to more than 30 vessels by our Port Captain's vessel attend.



How and Why It Started

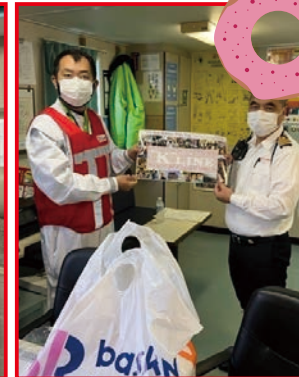
It started from voices from KAM staff as below:

“Remote working has become common and we are using remote working tools effectively. But we shouldn’t satisfy with this.” “After our containership business was spun off, the main KAM’s operation has shifted to car carrier. But how many of our staff members know about actual ship? I am afraid some of new staff members in Richmond may consider KAM as nothing more than a logistics company.” “Most staff members in Richmond have never seen our actual ship. Although it is hard to have an onboard training or visit to the vessel in this moment, we need to re-realize that our business is based on ships.” “Crew members have difficult and tough time the most by the pandemic. It would be great if we had a project that crew members feel connected to KAM (or more extensively, “K” Line Group all over the world.)”

The project has started from Japanese staff, but soon young national staff joined as key members of the project. From young staff to senior staff, Japanese staff to national staff, we discussed a lot for deciding poster design and what we can set as gifts, American specialties which would please crew members.



Statistics (as of April 2022)	
Car carrier	24
LNG carrier and LPG carrier	3
Bulk carrier	2
Containership	2
Organizer of the project supporting ships calling at North American ports	Yuki Inoue (Port captain in Richmond, USA)



Through the Project

Project has been conducted through Port Captain's vessel visit. We explained the aim of project on behalf of KAM staff to crew members. Usually, ship is communicating with our shore staff by email or phone, but they cannot do it face to face. The posters with the photos of us and our messages have pleased every ship. We were often asked from crew members "which photos is for our operator/planner?" One vessel master told me that he would put the poster next to him when calling to his operator. We are very glad if this project can lead to more communication between ship and shore.

Since the pandemic began, KAM staff basically have been working from home. From April 11, we finally transitioned to work at office once a week. Reportedly, the number of new COVID cases is dropping and the hospital bed occupancy rate has become same level of before pandemic in the U.S. We strongly hope that pandemic goes to exit and back to our normal lives. We cannot wait to return to our Pre-Pandemic days so that our shore staff can feel free to visit our ships and our crew members can land in the U.S. same as before.

A Message from Mr. Sakamoto, President of KAM

Our young colleagues' hard work is really impressive. I was in a society of founders. But I did nothing more than some negotiations with the administrative division.

Navigating a ship in the Americas often involves sailing on a river or a narrow waterway for hours. Causing an accident here could cause a catastrophe involving the local community. It is not hard to imagine how this would be punished for this, especially under the current Democratic administration which is strict about environmental issues.

The project united our marine and ground staffs and served as a good opportunity to renew our understanding about the importance of safely transporting customers' valuable cargo.

We are planning to keep these initiatives going in many different ways.

“K” Line Holds Environmental Awards 2022 Ceremony

Corporate Sustainability Environment Management, IR and Communication Group

“K” Line Group Environmental Awards 2022 Ceremony held on June 6, 2022. The awards were established to honor and give recognition to outstanding environmental-preservation-contributive activities undertaken by both executives and employees working throughout the “K” Line Group according to the direction developed in “K” Line Environmental Vision 2050. This year marks the 8th awards since establishment of the awards in 2015, and we also have accepted many entries from our group companies both in Japan and overseas. Activities of five companies — one “Grand Award”, three “Excellence Award” and one “Special Award” — have been selected from such standpoints as “originality,” “challenge level,” “degree of contribution,” “continuity” and “potential for pervasiveness”, and have received the awards from our President and CEO, Yukikazu Myochin.



Message from the President & CEO

This is the 8th “K” Line Group Environmental Awards Ceremony. We started this journey in 2015 among KLINE Group companies, to work together and achieve the goals of the “K” Line Environmental Vision 2050. We received 33 entries this year, and have selected one Grand Award, three Excellence Awards, and one Special Award. I would like to congratulate all the award winners.

The Coronavirus triggered major changes to how the society is run and business is conducted. People's interests in the environmental issues to create a sustainable society are growing every year and I feel it is important to look ahead of such changing times. Therefore, in November of last year, "K" Line announced a further challenge by setting its 2050 target of the "K" LINE Environmental Vision 2050, to a higher goal, "Net zero GHG emissions in 2050." In the second half of the 2020's, we aim to introduce zero-emission vessels powered by new fuels. We will not only reduce our own in-house GHG emissions, but we will also actively support projects for a decarbonized society. These initiatives include support vessels for projects related to the renewable energy field, such as offshore wind power, transportation of new energy sources, such as hydrogen and ammonia, and carbon capture and storage (CCS) transportation.



The "K" Line Group environmental management system, "DRIVE GREEN NETWORK" started in 2017 and is now in its 6th year. "Safety," "Environment" and "Quality," this is the core foundation of our group. So, we would like to continue these activities as whole "K" Line Group companies to raise everyone's awareness to environmental issues. We hope that you will play important roles for further promotions of environmental conservation in your workplace.

Lastly, we hope that all of you will continue to stay safe from COVID-19 infections and that you and your families may be in good health. Once again congratulations to all the winners and thank you very much!

[Grand Award]

Painting Contest on the theme of clean oceans - Let's think together about the preservation of our irreplaceable oceans!

"K" LINE CHILE LTDA. / "K" Line Peru S.A.C.

A painting contest by school children was held on the theme of the sea and the environment. The theme of the contest was shared, and the West Coast of South America was united in its implementation, but the approach to individual schools and the selection of the paintings were carried out by "K" Line staffs in Chile and Peru, respectively.

(KL Chile): Two schools from the local city of Santiago, one school from San Antonio, A total of about 50 students participated.

(KL Peru): A total of 40 students from Japanese / Nikkei schools in Lima participated.

Teachers commented that the event provided an opportunity for the children to think about ocean environment conservation. They appreciated the fact that the children could participate in this activity at home amidst the COVID-19 that still continues.



The winners (students) of the best and best entries received a Giveaway (lacquered photo holder, sports towel, ballpoint pen, etc.) from Kawasaki Kisen Kaisha, Ltd.

(The works are posted on the website below.)

"K" LINE CHILE, LTDA. Home Page: <https://www.kline-chile.com/dgn-activity>

"K" Line Peru S.A.C. Home Page: <https://www.kline-peru.com/dgnactivity>

The 12 award-winning works will be framed and displayed in the office cafeteria to soothe the staff and raise environmental awareness. The winning works were used as illustrations for the commemorative calendars for the 50th anniversary of "K" LINE CHILE, LTDA. and "K" Line Peru S.A.C.



In past environmental awards, activities related to business sites with on-site work, such as warehouses and cargo handling facilities, tended to receive high evaluation, while activities at business sites with office work as their main business inevitably received low evaluation. In this case, activities that were not related to on-site work, but that contributed to the environment through their own innovations, received high marks. In addition, the following activities were also highly evaluated. The project was highly evaluated for its "creativity," "difficulty," "continuity," and "repercussions" as an activity that provides opportunities for children to participate in activities at the COVID-19 and raises environmental awareness both inside and outside of the company.

Voice of Joy

We are very honored that "K" Line Chile and "K" Line Peru have been received the Grand Award at the "K" Line Group Environmental Award 2022." We have planned this drawing contest in the hope that it will help children who have been unable to attend school for a long time due to the long-lasting Corona Disaster, to have happy memories. The students, the school, and their parents were very pleased with the results. Through this painting contest on the theme of "The Irreplaceable Ocean," this was a very valuable opportunity for our staff to learn about the importance of ocean conservation together with the children. It was also a project that our Chilean and Peruvian staff on the west coast of South America worked together on. This project also generated good synergies. This year, now that the Corona restrictions have been eased, we are planning to participate in beach cleanup activities in Chile and Peru. We are now looking forward to seeing the students at the schools we have contacted through the painting contest. Although we are far away from Japan in South America, we will always be united with "K" Line members in Tokyo and other countries and will continue to be actively involved in this environmental activity.

Toshiharu Takiguchi, President of "K" Line Chile Ltda and "K" Line Peru S.A.C.



[Excellence Award]**Diminishing CO₂ Emission by Reducing Garbage Disposal Charge Through Effective Compacting****M/V CAPE BROLGA**

Plastic waste generated onboard the ship is compacted using a compactor to reduce the number of times the waste is discharged, thereby reducing the cost of waste collection and the environmental impact of the land transportation portion of the project. This is a common activity on other vessels as well, but by conducting this activity frequently and thoroughly, the number of garbage discharges was reduced, resulting in a cost reduction of 85,000 yen for the removal of garbage.

The compacting of plastic waste using compactors is not limited to this ship, but is also commonly practiced on other vessels. However, we selected this work for the Excellence Award because of the growing interest in marine plastic waste in recent years and our hope that the idea from this ship will raise environmental awareness on all vessels. This ship has cooperated with research collaboration with the Tokyo University of Marine Science and Technology in a survey to collect marine plastic debris, and there is a high level of interest in marine plastic debris. The award was given in recognition of its "repercussions" and "continuity."

**(Excellence Award)****Reduce CO₂ Emission by ECO Driving training****Bangkok Marine Enterprises Ltd.**

The project focused on truck service.

The first step of the project was to provide training for drivers by in-house instructors and outside instructors (Hino Motors). This program was attended by 145 drivers and 7 mechanics, who were trained in driving techniques that could reduce unnecessary fuel consumption.

Next, the driving conditions of each driver were monitored, and feedback was provided on items that could be improved based on the driver's driving record. The results of inappropriate behaviors such as excessive speed, sudden acceleration, and idling time were reported to and confirmed by management on a weekly basis. After the project was implemented, the CO₂ emissions from October 21 to December 21 showed that CO₂ emissions were reduced.



The positive attitude of the company in cooperation with outside instructors and the effect of reducing environmental impact by reducing fuel consumption were evaluated. In addition, "contribution level" and "repercussions" were evaluated in that a review of what can be done around us has had a significant environmental improvement effect and that management is actively involved in the activities.

Voice of Joy

Regarding to our pollution crisis situation. Many people tried to solve this problem. in different ways depending on each type of business as best as they can. We as a one of transportation service provider, we also try to reduce CO₂ from our business by cooperation from all concerned consist of driver, mechanic, controller and management as well.

All of us are glad to receive this award. It gives us encouragement to do good activities like this to be more successful in the future.

And again, Thank you for give us award.

Sotti Sottiyotin, Vice president of Bangkok Marine Enterprises Ltd.



[Excellence Award]

Cost-reduced bike leasing through company frame contract

"K" Line (Deutschland) GmbH

In order to promote the use of environmentally friendly bicycles as a means of commuting to work, an agreement was concluded between "K" Line (Deutschland) GmbH (KDE) and a bicycle leasing company. Employees can lease up to two bicycles from the leasing company. The leasing fee is deducted from the employee's gross salary, saving payroll taxes for both the employee and KDE.

The lease contract is for three years, and after 36 months the employee can either purchase the leased bicycle with the residual value or return the bicycle (and choose a new one). The company expects that the program will not simply reduce GHG emissions from automobiles but will also have a positive effect on employee health and motivation.



While bicycle commuting may be difficult to implement in some cases due to the circumstances of each country and office, the company's commitment to reducing its environmental impact by proactively introducing bicycle commuting where possible is highly evaluated, as is its company-wide support for raising employee awareness. In addition to the above, the company is also involved in other activities such as changing mobile batteries distributed at Giveaway into insect nest boxes, providing fair trade coffee and oats milk, and actively participating in city clean-up campaigns, which showed the high level of environmental awareness of the company as a whole. The company was evaluated for its "continuity" and "repercussions."

[Special Award]**"K" Line Pte Ltd (Accumulation 10 entries)****List of Applicants**

Title	Applicant
PAPER CONSUMTION REDUCTION BY IMPLEMENTATION OF "ELECTRONIC FAMILIARIZATION BOOKLETS"	M/V HORIZON HIGHWAY
Equipment retrofit installation on board ships, for reduction of Cylinder Oil Consumption in slow speed diesel engines for propulsion	"K" Line Bulk Shipping (UK) Limited
Reducing paper use	"K" LINE MARINE TECHNO SERVICES CO., LTD.
Promotion of environmental activities in offices	K Line (China) Ltd.
Cooperation with NPO activities - trial of CO ₂ recovery and fishery resource recovery using wave upwelling pumps.	(INDIVIDUAL APPLICATION) MASAO NAKAYAMA
Reduction of copy paper usage and costs	NITTO TOTAL LOGISTICS LTD.
Reduction of CO ₂ emissions and vaccine donation activities through the collection and recycling of Ecocaps	"K" Line Logistics, Ltd.
Reduction of stored documents in manual handling operations	Daito Corporation
Reduction of paper consumption on board and CO ₂ reduction in the paper waste disposal process	SEAGATE CORPORATION
Shore cleaning in the Hiroshima area	SEAGATE CORPORATION
Make a habit of saving energy.	"K" Line Korea Ltd.
Energy & Cost reduction by switching/pugging off lights & electrical equipment when not in use	M/V Albion Bay
Conservation Wise Practices Onboard	M/V Corona Brave
Ensure that unused and unnecessary lighting is turned off	M/V Corona Utility
Ways on how to save Bond Paper on board or in the Office	M/V CAPE SAKURA
No Laundry Washing during port stay by all crew.	M/V HOKUETSU IBIS
Our Hands as Basic Garbage Compactor	M/V PHOENIX K
CO ₂ and Cost Reductions by Online Training/Webinar of Crew on Vacation Leave	M/V SIMURGH
Reduction of Fuel consumption and gas emission by hand tools	M/V Universal Gloria