

A fireboat is shown from a rear perspective, spraying high-pressure jets of water outwards onto the sea. The boat is white with a dark hull. In the background, there are green, rocky mountains under a blue sky with scattered white clouds. The overall scene is bright and clear.

ENVIRONMENTAL, HEALTH & SAFETY REPORT

2022

HONGKONG UNITED DOCKYARDS LIMITED



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FOREWORD

I am delighted to present to you the 2022 Environmental, Health & Safety (EHS) Report of Hongkong United Dockyards Limited (HUD).

2022 marked a key milestone for HUD as we celebrated the 50th anniversary of our founding. With a heritage that stretches back more than 100 years ago, we continue to take pride in providing cutting edge marine and land engineering services. In the face of global challenges, none more so than the ongoing aftereffects of Covid-19 as well as the increasing prominence and severity of issues such as climate change and global warming, we remain committed as ever to ensuring that the services we provide are of the highest quality, whilst simultaneously striving to create a positive impact across society. We believe that protecting the environment, as well as promoting the health and safety of our employees is not only our moral duty, but also directly tied to our long-term business success. In this respect, our Environmental, Health and Safety initiatives form the backbone of our operations, and in this report, we would like to take the opportunity to share with you our commitment to sustainability and the steps we have taken towards promoting a greener future.

The safety and wellbeing of our employees has always been our top priority. We believe that at the core of any successful workplace environment is its ability to foster a sense of belonging, wellness, and engagement in its employees. Our EHS program is designed to ensure that our employees have the necessary training, equipment, and resources to carry out their work safely and efficiently. We remain fully committed to ensuring our employees' continued wellbeing, whilst continuing to look for ways to improve our EHS performance in the future.

With regard to our environmental and sustainability programme, we continue to pursue ambitious goals towards achieving our decarbonisation target. In line with the HKSAR government's pledge to achieve carbon neutrality by 2050, we have taken concrete steps to attain net-zero carbon emissions. Through our renewable energy initiative, we expect to produce one million kWh of renewable electricity annually starting from May 2023. We have also invested in constructing dual-fuel (Liquefied Natural Gas-Marine Gas Oil, LNG-MGO) standby vessels for use at Hong Kong's first offshore LNG terminal. By using LNG as opposed to traditional forms of marine fuel, harmful emissions such as particulates, nitrogen oxides and sulphur oxides will be reduced by 80%, helping keep the sky blue and the air clean in Hong Kong.

Aside from our aforementioned sustainable energy programme, we have also launched two digital initiatives which, in addition to protecting the environment, will also help to improve operational efficiency. With the implementation of our Electronic Safety Management System, safety records are now digitalised, enabling us to streamline work processes, improve communication and facilitate easy access to up-to-date documents and records anytime and anywhere. We have also switched to e-Invoicing, which, as well as helping reduce our paper usage, will also provide a faster and more secure form of invoice delivery. With the application of both these initiatives, we expect to save significant amount of paper each year and save trees.

Whilst we have made significant progress in embedding sustainability into our business practices, we recognise that there remains much more we can do to achieve our goals. As such, we are also constantly on the lookout for further ways to accelerate towards our decarbonisation targets, often delving into the latest technology and methods available on the market. We believe that increasing profitability and corporate sustainability is not a zero-sum game – in fact, we firmly believe that incorporating sustainability in all aspects of our business is key to transitioning towards a more successful long-term business model, all the while contributing to a more sustainable future.

I would like to conclude by expressing my heartfelt gratitude towards my colleagues for their continued dedication and support towards promoting a more sustainable future. Finally, and on their behalf, it remains to be said that we are truly indebted to you for your continued support and trust, without which all our efforts would be in vain.



Paul Fan

Chief Executive Officer



ABOUT THIS REPORT

This annual Environmental, Health & Safety (“EHS”) report encompasses the Environmental, Health and Safety policy and key performance of HUD Group in 2022. This report covers the year from 1 January to 31 December 2022, unless otherwise specified.

The report presented our approach to maintaining and improving environmental protection and health & safety. It is also intended to give our employees, suppliers, stakeholders, and the general public a better understanding of HUD’s EHS strategies.





HIGHLIGHTS

Health & Safety



>160 Emergency Drills & Exercises

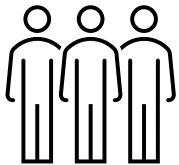
>600 Safety Risk Assessments

Our Environment



-6.2 % CO₂e (Scope 1 & 2) Reduction

Our People



1,721 Hours
Total Training Hours

COMPANY PROFILE

Hongkong United Dockyards Limited (HUD) was incorporated in 1972, from the amalgamation of Hongkong & Whampoa Dock Company and Taikoo Dockyard & Engineering Company, which had a profound history and a legacy of serving Hong Kong for over 150 years. Today, HUD is owned by members of CK Hutchison Group. In 2022, HUD celebrated its 50 years of establishment.



**100,000 m²
shipyard**

Engineering Division

The Engineering Division of HUD is renowned for carrying out complex repair and engineering works with ample competency, on time and of the highest standard. The Division provides round-the-clock marine engineering services, specialised in plant installation, steelwork, electrical engineering, and mechanical engineering.



**13 Grade 1
Tug/ 57,800
BHP**

Salvage & Towage Division

Hongkong Salvage & Towage is one of the leading tugboat operators in Hong Kong, deploying 13 tugs totalling 57,800BHP. Services offerings include harbour and offshore towage and salvage, and oil spill response. It also takes multiple roles as designer, owner, operator, and consultant of marine transportation management projects. It manages and operates vessels for maritime transportation of refuse for the Hong Kong Government and is the exclusive service provider and operator of the two dual-fuel standby vessels for Hong Kong LNG Terminal Limited.





GOVERNANCE STRUCTURE

EHS forms an integral part of HUD's business considerations. HUD follows the guidelines and standards of the parent company and periodically reports safety and environmental performance.

QHSE Department

•**Quality, Health, Safety and Environmental (QHSE) Department**, reporting directly to the CEO, strives to create a safety culture and foster a sustainable development of health, safety and environment. In providing a sound working environment for our staff and workers, safety should never be compromised. We fully and openly report our status on EHS issues to our stakeholders through this EHS Report, regular meetings, and circular. We set high standards beyond regulatory requirements and are committed to continuous improvement of our performance in all aspects.

EHS Review Board

•**EHS Review Board**, chaired by the CEO, is responsible for overseeing our EHS performance and reviewing our EHS Policy regularly. Board members meet bi-annually to monitor HUD's EHS performance. It sets EHS policies, establishes EHS objectives and targets and ensures company's compliance to the policies.

Safety Committee

•**Safety Committee**, chaired by the Head of Engineering Division, meets quarterly to discuss and coordinate HUD's policy on work safety. Safety committee members are responsible for upkeeping occupational health and safety through reviewing accidents to prevent recurrences, monitoring the adequacy and effectiveness of safety training and communication within workplace, as well as overseeing the implementation of health and safety regulations. The Safety Committee acts as a platform between management and employees to exchange views on occupational health and safety issues.



OUR COMMITMENT

The company policies and operating procedures are embedded in our code of conduct. Committed to the protection of our people and the environment, we utilise our resources in a sustainable way and encourage our business partners to do the same to minimise environmental impacts on air pollution, water pollution, waste disposal, etc.

Business Continuity Plan

To better manage risks that may affect our business, the QHSE Department, the compliance team together with the senior management have developed a Business Continuity Plan incorporating various scenarios, likely outcomes and contingencies to ensure that we are prepared to manage any foreseeable emergencies.

Sustainability

Sustainability is a core mission in HUD. To achieve the long-term sustainability of our businesses and communities, we follow the sustainability policies from our parent company. These policies outline our commitment to taking a proactive approach to sustainability, including the areas of environmental, social, and governance.

HUDGROUP



Environmental, Health and Safety Policy

Hongkong United Dockyards Limited (HUD) is owned by CK Hutchison Holdings Limited. HUD provides multi-disciplinary marine services and a wide range of engineering services including fabrication, mechanical, electrical and industrial protective coating works.

HUD values health and safety, together with environmental protection, which is an integral part of business considerations. Our corporate goal is to prevent occurrences of incidents from our operations and minimize the burden on the natural environment for the needs of our present and future generations. We believe all incidents are preventable. We shall operate in a manner that safeguards the health and safety of all employees, customers, visitors, contractors, suppliers and those stakeholders who may be affected by our activities. We seek to continually improve our environmental, health and safety performance with full support of our employees who are required to be fully committed to the implementation of this policy.

In this spirit, it is HUD's Policy to:

- Provide and maintain a healthy, safe and environmentally friendly workplace, and entrust the responsibility to members of the company as well as contractors;
- Set our standards in accordance with applicable statutory requirements and compliance obligations;
- Encourage the use of more environmentally friendly, healthier and safer equipment, systems of work and technologies;
- Assess identified risks and establish proactive and cost-effective environmental, health and safety measures;
- Improve environmental, health and safety management systems by monitoring, reporting, inspection and audit of all operation units continually;
- Prepare for safety and environmental emergencies and test the response procedures regularly;
- Operate proper systems to encourage incident reporting and in-depth analysis of incidents across all related operations in order to learn from experience and prevent recurrence;
- Promote environmental, health and safety awareness among employees and support environmental, health, safety and sustainable development in our industry actively;
- Ensure that all necessary information, instruction, training and supervision are provided and effectively communicated to employees;
- Foster a strong safety culture in our operations.

HUD requires each subsidiary/ division under its management control to apply this policy in a way which is relevant to its business and to use its influence to promote it in its business partners.

This policy will be reviewed not less than once in each 2-year period with amendments be made as deemed appropriate.



Paul Pan
Chief Executive Officer

Date: 17th September 2021

EHS Policy

STAKEHOLDER ENGAGEMENT



Understanding the needs and concerns of our stakeholders is crucial to defining our sustainability strategy. HUD takes a proactive approach to engage with stakeholders to understand their expectations and their perceptions of our sustainable development performance on the environment, social and economy. We discuss with suppliers their own EHS policies as well as their sustainability practices through supplier/contractor evaluation forms and environmental guidance notes. We actively participate in emissions reduction and climate change projects with non-governmental organisations (NGOs) such as Earth Hour, Hong Kong Green Organisation Certification (HKGOC), and Energy Saving Charter. Besides, we work closely with the Government as well as Professional & Advisory Committees such as the Occupational Safety & Health Council for continual improvement of EHS standards in Hong Kong. Regular internal meetings with employees are held to ensure timely exchange on EHS issues. Through these channels, we understand the expectations and comments of our stakeholders well and strive to incorporate them into our business strategy.

STAKEHOLDERS	NEEDS AND CONCERNS	ENGAGEMENT METHODS
Employees	<ul style="list-style-type: none"> • Staff remuneration, benefits, and well-being • Occupational Health & Safety • Environmental management • Training and development 	<ul style="list-style-type: none"> • Meetings • Committees • Audits and inspections • Drills, exercises, and training workshops • Emails, circulars and manuals
Customers	<ul style="list-style-type: none"> • Reliable service • Environmental management • Business continuity and contingency planning 	<ul style="list-style-type: none"> • Company Website • Online enquires • Tendering process • Surveys
Investors & advisors	<ul style="list-style-type: none"> • Sustainable profitability and performance • Environmental, Health & Safety issues 	<ul style="list-style-type: none"> • Periodic meetings • Regular report and assessment
Partners (including governments, regulators, contractors and suppliers)	<ul style="list-style-type: none"> • Legal compliance • Environmental, social and governance • Contractor safety • Environmental management 	<ul style="list-style-type: none"> • Periodic meetings • Audits and inspections • Supplier screening and assessments
Communities (including community group, industry associations, and NGOs)	<ul style="list-style-type: none"> • Health & Safety issues • Environmental impact from our operations • Social and community issues 	<ul style="list-style-type: none"> • Company website • Community events • Media hotline and emails • Summer Internship Programme • Participation in awards and recognition schemes

HEALTH & SAFETY

We always prioritise occupational health and safety in our business in order to protect employees in the workplace. We work to ensure our yards are safe for all HUD employees and external users.

GLOBAL MINIMUM SAFETY STANDARDS (GMSS)

We undertake to comply with the Global Minimum Safety Standards of Hutchison Ports, a member of the CK Hutchison Group. The GMSS defines the requirements across a wide range of critical safety controls and we are required to meet the GMSS. The departments concerned have studied and applied these requirements to our daily operations under the existing procedure.

THE INTERNATIONAL SAFETY MANAGEMENT “ISM” CODE CERTIFICATION

With safety as our top priority and our belief that systematic enforcement and monitoring through the safety management system helps achieve safety more efficiently, we have taken the initiative to obtain ISM Code Certification for our tugs though it is not a mandatory requirement. In 2022, two of our 5,000HP tugs, “Tai O”, “Yam O” and one 6,500HP tug “Sung Kong”, obtained the certification. Up to 2022, 6 out of 13 tugs have been certified with the “ISM” code.



Safety Management Certificate of Tugs “Tai O”, “Yam O” and “Sung Kong”

EMERGENCY EXERCISE

Unforeseen circumstances may arise every now and then. Keeping our people prepared for emergency response would minimise loss. Regular drills and exercises are carried out to strengthen the efficacy of our drill plans and procedures.

Onboard Drills

To ensure quick response to emergency scenarios and the safety of personnel, ships and the environment, regular onboard drills were conducted according to Yearly Drill Plan. In 2022, our Salvage & Towage Division with 13 tugboats and 6 container vessels, conducted a total of 229 drills, including the monthly internal drills and yearly ship-shore drill.

The “Fire Drill” & “Abandon Ship Drill” were monthly mandatory emergency exercises which aimed to enhance crew members’ response capabilities to emergency situations and ensure their familiarisation of emergency procedures. The fire drill simulated the firefighting in tug’s engine room and galley. One crew member wore breathing apparatus and held a fire hose and was backed up by another crew member to withstand fire hose recoil against him from the nozzle. At the same time, the Abandon Drill was carried out to practice the evacuation procedures, the use of escape tools and launching lifeboats. It also enforced efficient communication between crew members and made them work as a team in case of emergency.



Fire Drill in tug’s engine room and galley



Abandon Ship Drills

Ship-Shore Drill

The Ship-Shore Drill is conducted annually to ensure effective ship-shore communication and cooperation when dealing with an identified emergency scenario. It aims to respond to emergency scenarios swiftly, minimising the impact to personnel, ship, and the environment.

Oil spill response was the focus of the 2022 annual ship-shore drill. It was conducted in the Tsuen Wan base with participation of the ship crew and management team. Operation-in-Charge in office control room monitored the real-time situation by using Forward Looking InfraRed (FLIR) camera system and communicated instantly between tug and office for prompt response and to make informed decision. As a follow up to the drill, the team has revisited our contingency procedures.



Oil Spill Response Drill in Tsuen Wan



Real-time monitoring in office control room



Drill Review Meeting

Fire Drill

A joint emergency exercise with Hong Kong Fire Services Department (HKFSD) was conducted in HUD. The objective was to give our colleagues the opportunity to enhance their response capabilities and enforce the collaboration with HKFSD as well as to improve our efforts of emergency awareness and preparedness. A review meeting was held with HKFSD to review the fire risk and our contingency procedures.



Emergency Exercise in HUD

RISK MANAGEMENT

Risk management is integral to our daily operation to control risks and manage health and safety in our workplace. Through undertaking risk assessments, safe operating procedures were created to remove or reduce harm in work areas as well as to provide suitable precautions to minimise risk.

Workplace safety communications

Our top management recognises the critical role of clear and effective communication to ensure workplace safety, especially complex projects that involve multiple risks. Before the start of each project, project managers would communicate with all workers to let them understand the project plan and risk control measures.

The Demolition and Disposal of Rail Mounted Gantry Crane Project at Hongkong International Terminals, conducted in 2022, was an example to show how to facilitate workplace safety communication. A pre-project safety meeting was conducted by the project manager in collaboration with the QHSE Department and all related workers. In the meeting, two-way communication was encouraged among workers and the project manager. Frontline workers were invited to provide feedback and discuss the project methodology and risk assessments. At the same time, the QHSE Department acted as a consultant team by providing safety advice and ensuring all legal requirements were met. When the project started, daily toolbox talk was delivered by the on-site safety supervisor to all workers before the commencement of work each day. It provided a brief overview of the tasks, potential hazards, and control measures to mitigate those hazards.

Management Safety Walk

The management team visits our vessels and shipyards periodically, which serves as an open forum for discussion of safety issues with ship crew and frontline workers. The visit is an opportunity for all departments to collectively exchange best practices and insights to minimise the respective risks of ship crew and frontline workers.



Management team inspecting HUD's shipyard

SAFETY PROMOTION PROGRAMME

Various safety reward schemes were adopted to promote a proactive safety culture. We delivered the important message of “Safety First” to frontline staff to foster a safe working culture in HUD.

Safety Model Worker

Nominations of safety model workers were made by workshop managers each month based on the safety assessment over frontline workers. The assessment criteria included their workplace safety practices, safety knowledge, the proper use of personal protection equipment and their considerate act to others. We believe that encouragement is better than punishment and the winners would bring positive influence on their peers and contractors.



Safety Model Worker Winners

OSHC Quiz Competition

It is our custom to join the Safety Quiz competition co-organised by the Occupational Safety & Health Council and Labour Department each year. We have been an active participant since 2002. Our staff takes the opportunity to refresh overall occupational safety and health knowledge and practices during the event. In 2022, our Maintenance Team got to quarter-final. We keep on our great efforts on health and safety awareness. Internal safety quiz is also arranged annually through online platform to promote safety culture in HUD.



Crew joining OSHC Quiz Competition

Ship Good Practice Sharing

Sharing best practices can help improve the efficiency and productivity of the organisation. It can help ensure that employees are working together to achieve the company’s goals and objectives. Sharing and learning should be based on our practices and experience instead of accidents. In Salvage & Towage Division, crew members often take the initiative to come up with new ideas to improve work safety and pollution prevention, for example, the good workplace housekeeping on deck and in tunnel of ship served as a good model for other ships to follow.



Workplace housekeeping of Deck and Tunnel

COVID-19 RESPONSE

In 2022, we kept on combating the COVID-19 pandemic with concerted efforts during the fifth wave of the outbreak in Hong Kong.

To stem the spread of COVID-19 and minimise the potential interruption of services to our customers, our emergency response team conducted a timely review in response to the changing local public health situation. Regular virtual meetings among departments were conducted to review the trend of infections in HUD to ensure timely adjustment of precautionary measures and responses.

During the pandemic, we adopted a multipronged approach to manage COVID-19 risks for our employees. We encouraged employees to receive COVID-19 vaccinations in line with the Government's policies and programmes. We provided Rapid Antigen Test kits and face masks for employees' use. We also provided disinfectant spray to ship crew for disinfecting the whole body and soles between each shift. Besides, we segregated work teams and arranged work-from-home for office staff. Ship crew also changed roster plans to minimise physical contact among employees.





OUR ENVIRONMENT

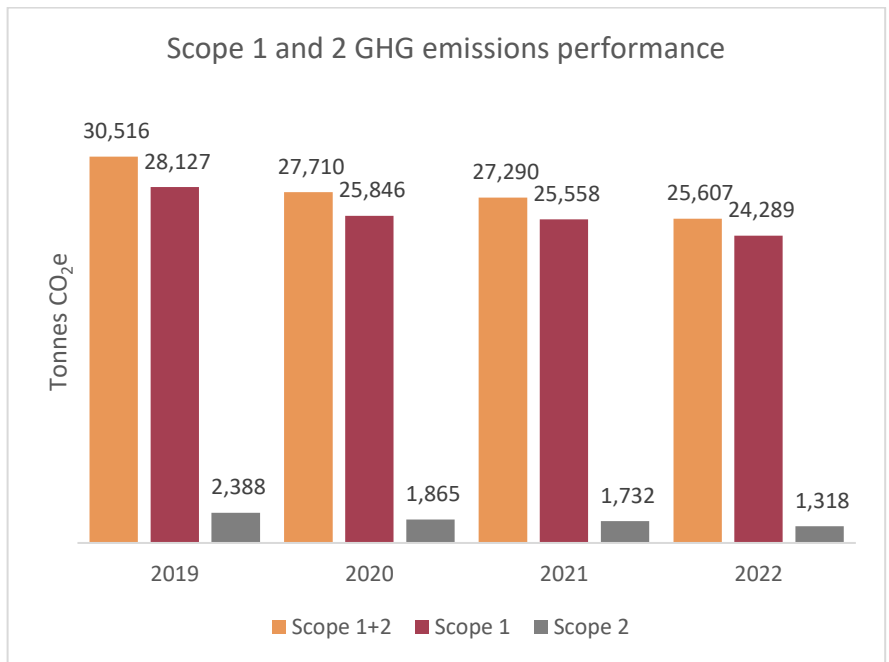
Our EHS Policy outlines the company goal to minimise the burden on the natural environment for the needs of our present and future generations. Our Salvage & Towage Division has implemented Environmental Management System (EMS) which has been certified with ISO14001 since 2009. Annual internal audit of ISO 14001:2015 Environmental Management System was conducted to maintain the effectiveness and continuous improvement of environmental protection. We recognise the importance of climate change. As a commitment to protect our environment, we continuously seek opportunities to reduce any impact on the environment within our operations for sustainable development. We prepare and develop various strategies to reduce emissions with a net zero target by 2050, following Hong Kong’s carbon neutrality target by 2050.

GHG EMISSIONS PERFORMANCE

How We Define Our Emissions

Scope 1 emissions are direct greenhouse gas (GHG) emissions from sources that are owned or controlled by the company. These include on-site fossil fuel combustion from equipment operation in our yard. Vessels and vehicles also burn fossil fuels, with vessels mostly burning gasoil and vehicles mostly burning diesel. Both produce gases such as carbon dioxide (CO₂), which are then classified as a direct emission.

Scope 2 emissions are indirect GHG emissions associated with the purchase of electricity, steam, heat, or cooling. Although scope 2 emissions physically occur at the facilities where they are generated, they are accounted for within our GHG inventory because they are a result of the company’s energy use.



In 2022, total scope 1 and 2 GHG emissions decreased by 1,683 tonnes CO₂e versus 2021, representing a 6.2% decrease in GHG emissions.

Scope 1 GHG emissions decreased by 5% in 2022 versus 2021 mainly due to an overall decrease in the consumption of marine gas oil.

Scope 2 GHG emissions decreased by 24% in 2022 versus 2021 predominately due to the decrease in electricity consumption.

Scope 3 emissions are a consequence of the activities of the company but occur from sources not owned or controlled by the company such as suppliers and consumers. These emissions also contribute to greenhouse gas emissions. Collecting the scope 3 emissions data is also important because it can provide opportunities for emissions reduction across the entire corporate value chain.

While the scope 3 emissions data is relatively new for our company. A workshop introducing scope 3 emissions was conducted by Hutchison Ports in August 2022. By understanding the categories of scope 3 emissions and the data submission, scope 3 emission data of 2021 & 2022 have been collected and submitted to Hutchison Ports. We continued to monitor our scope 3 emissions in the future.



GHG EMISSIONS REDUCTION

Reduce vessel fuel consumption

Nearly 90% of fuel consumption relates to marine gas oil consumed by vessels. In 2022, we achieved 2.68% reduction in fuel consumption from 2021, based on the consumed fuel divided by the main engine running hour.



Temporary berth location in HIT at Tsing Yi

Fuel Saving Measures

Operating at economic speed, reducing unnecessary travel and monthly review of fuel consumption performance with crew are key to fuel savings. Measures by respective sessions are as follows:



Tugs/ Launches

- **Improved assignment of tugs:** deploy tugs in accordance with customer demand.
- **Reduced unnecessary travel of tugs/ launches:**
- (1) temporary berthing at Hongkong International Terminals in between jobs at container terminals to save traveling to tug base;
- (2) minimising unnecessary conveyance of personnel and materials between HUD and Tug Base via tugs by using other means like road transport.



Container Vessels

- **Regular cleaning of hull, propeller, and sea chests** to remove marine growths in sea chest filters and ensure smooth flow of seawater to save fuels.
- **Adjust vessels' travel schedule** in accordance with tide schedule to facilitate downstream sailing.

Standby Vessels for HKLTL Terminal

We were designated as the exclusive service provider and operator of two dual-fuel standby vessels for Hong Kong LNG Terminal. On 9 August 2022, we held a KEEL LAYING ceremony for this first dual fuel (LNG-MGO) standby vessel at Zhuhai. The commencement of hull erection marked the birth of the vessel, as well as the first of its kind in Hong Kong. The vessels are expected to be delivered in Q3 and Q4 in 2023.

The dual-fuel standby vessels designated for operation safety & security support in the HKLTL project can be operated on either Marine Gas Oil (MGO) or Liquefied Natural Gas (LNG). Using LNG as vessel fuel has played an important role in decarbonisation because LNG's CO₂ emissions are lower than MGO. Also, using LNG can reduce 80% of exhaust emissions such as particulates, nitrogen oxides and sulfur oxides. This helps keep skies blue and the air clean in Hong Kong.

These two standby vessels will be designed, equipped, and maintained as seagoing vessels to provide 24x7 services in order to enhance the safety and security of marine operations and carry out rapid evacuations in the event of an emergency. The vessels are being constructed to support the future operations of the first offshore LNG terminal in Hong Kong.



Design of RASTAR 4200 Dual Fuel LNG Tug



HUD's KEEL LAYING ceremony for First DUAL FUEL Standby vessel

Electrification

Electrification is another way to decarbonise by converting fossil-fuel powered equipment to electric, and to get rid of traditional diesel combustion. Electrification holds great potential as an alternative fuel source and is part of our sustainability strategy. We are considering purchasing electric forklift trucks and company vehicles in our yards in the future.

Shore Power

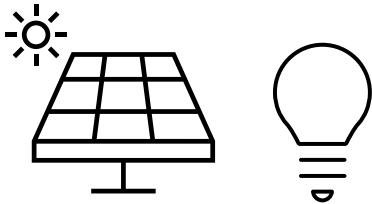
Since 2009, shore power was used to replace fuel when container vessels were berthed at Island East Transfer Station (IETS). By connecting the landside electricity, no fuel was consumed. In 2022, 199,450 litres of marine gas oil have been saved as a result of the usage of shore power. Emissions of GHG were reduced and thus air quality at sea was improved. We will explore installing more shore power stations to facilitate fuel saving for our vessels in future.



Shore power station at IETS

Solar Energy

Electricity is vital to our daily operations and can help us meet rising energy demand with fewer emissions. To reduce energy use, our tugs and container vessels have been equipped with “solar motion sensor lights” in the outside corridor to provide more renewable energy.



Moreover, we kicked off the installation of solar panels on our engineering complex’s rooftops in 2022 and targeted to operate the system in Q2 2023.



Designed solar panel installation on HUD engineering complex’s rooftops

GO GREEN

The increasing waste production generates more greenhouse gas and adds burden to Hong Kong's landfills capacity. We always seek opportunities to apply 4R, i.e., Reuse, Reduce, Recycle, and Replace in our daily operations wherever possible. We collect and recycle various waste types such as paper, plastic, metal, rechargeable batteries, printer cartridges, and fluorescent tubes from our workplace.

Electronic Safety Management System

We reduce paper consumption by digitalising work processes using e-systems and e-forms. The Electronic Safety Management System (e-SMS) for Salvage & Towage Division was launched in July 2022. It aims to reduce paper records generated in our SMS and enhance the efficiency of document submission. Transforming the SMS to an e-system can ensure that the most updated manuals, procedures, and forms are accessible to our crew members and office staff. It also saves people the hassle of creating paper reports and maintaining paper records. Through the e-SMS, crew members can submit electronic reports and forms with one click instead of collecting paper reports on vessels and delivering them to the office. Thus, physical document delivery can be reduced to minimise vessels' fuel consumption on unnecessary travel. At the same time, over 5,000 pieces of paper were reduced after using e-SMS in 2022.



e-SMS

E-invoicing

Our Salvage & Towage Division has implemented e-invoicing since May 2022 to replace the current paper invoice process to enhance efficiency and transparency, reduce paper consumption and, at the same time, reduce human contact during the pandemic. With the new invoicing process, paper invoices are replaced by electronic invoicing to customers. More than 15000 pieces of paper can be saved per year. It is our priority to digitise operational processes to protect the environment as well as simplify record keeping and reduce the storage space needed. The benefit of e-invoicing leads to a smoother process of operation and invoice settlement. It is reliable, faster, and even often more efficient. We appreciate the contribution of both staff and customers for the paperless invoicing transformation result in reducing carbon footprint and saving our planet.

RECOGNITION

Hong Kong Green Organisation Certification

Our efforts in environmental protection have been recognised by the Hong Kong Green Organisation Certification (HKGOC). HUD obtained the title of Hong Kong Green Organisation in 2022. The HKGOC aims to benchmark organisations with substantial achievements in green management. We demonstrated and attained certain environmental achievements in 2022 and before.

Wastewi\$e certification

HUD was awarded the Wastewi\$e Certificate from HKGOC the second year in 2022. Our commitment to waste reduction and environmental protection was recognised by Wastewi\$e Certification in the areas of waste management, namely waste management guidelines, waste avoidance, recycling, and green procurement.

Energy Saving Charter 2022

HUD has signed up the HKSAR Government’s Energy Saving Charter 2022. Building energy accounts for about 90% of Hong Kong’s total electricity consumption. We supported Energy Saving Charter and pledged to save energy with our exert efforts and engaged our staff and tenants to adopt the practices together.



EPD’s Commendation Scheme

HUD continues to participate in the “Commendation Scheme on Source Separation of Commercial and Industrial Waste” launched by EPD each year and it was the third year HUD was awarded the “Diamond Award”. This programme encouraged us to increase the quantity of recyclables recovered and to reduce the amount of waste requiring disposal. Our contribution on waste recycling was recognised.



OUR PEOPLE

TRAINING AND DEVELOPMENT

Employees are the most valuable assets for the Group. HUD aims to be an employer of choice by nurturing talents, recognising the concerted effort and contribution of employees, promoting a safe, diverse, inclusive, and environmentally friendly workplace. Variations in personal, physical, and social characteristics are integrated into our people.

To enhance the competence of our talents, we have provided diversified training and development programmes to our employees not only to focus on trade-related aspects, but also on EHS. As one of the members of CK Hutchison Holdings, we will continue to make use of the huge resources of CK Hutchison Group. The number of training hours for Management & Supervisory Staff in 2022 is 568 hours and for Operational & Technical Staff is 1153 hours.

Health and Safety Training

Continuous health and safety training for employees and contractors is fundamental and various health & safety training was provided throughout the year. In 2022, the total number of safety-related training hours was 1488 hours. The average number of training hours per employee was 5 hours. For example, ISO 4309:2017 wire ropes training was conducted by specialists in 2022. It introduced general information for the care, maintenance, and inspection of wire ropes. Besides, safety refresher training was arranged biennially for employees to reinforce their safety knowledge and the importance of health and safety.



ISO 4309:2017 wire ropes training

Hutchison Ports' online training on specific topics was also arranged for relevant supervisors and managers to recap the safety highlights and increase the awareness of the management & supervisory team.



Work at Height

A Learning/Training Package



Effective Risk Assessment

A Learning/Training Package



Safety Leadership

Senior Manager Workshop

APRIL 2022



MARITIME AVIATION TRAINING FUND PROGRAMME

This programme has been launched by the Transport and Housing Bureau since 2014 and a total of 61 interns have been employed up to 2022. It aims to develop a pool of professional and technical personnel to support Hong Kong's future development in the aviation and maritime sector.



Summer Interns

CARING COMPANY

2022 marked the 13th consecutive year which HUD was nominated by our NGO partners and awarded the Caring Company by the Hong Kong Council of Social Service (HKCSS). This is a symbol of good corporate citizenship demonstrated by organisations through caring for the community, employees, and the environment. HUD will continue to collaborate with NGO partners to develop a harmonious and sustainable society for the next generations.

Hongkong United Dockyards Limited
香港聯合船塢集團有限公司

10+ years
商界展關懷
caring company®

Mission
To build a cohesive society by promoting strategic partnerships among business and social service partners, and inspiring corporate social responsibility through caring for the community, employees and the environment.

宗旨
促進商界與社會伙伴合作、推動企業履行社會責任，並鼓勵工商及公共機構關懷社群、關心員工及愛護環境，攜手建設共融社會。

CARING COMPANY

CO-CREATION FOR COMMUNITY **20 YEARS** 同創·共建
OF BUSINESS · SOCIAL PARTNERSHIP 商社伙伴二十載

Caring for the Community 關懷社區
Caring for the Employees 關懷員工
Caring for the Environment 關懷環境

HKCSS 社聯 15

Bernard Chan
Bernard Chan
Chairperson
The Hong Kong Council of Social Service
香港社會服務聯會主席 陳智思

Chua Hoi Wai
Chua Hoi Wai
Chief Executive
The Hong Kong Council of Social Service
香港社會服務聯會行政總裁 蔡海偉

Valid from 1 March 2023 to 29 February 2024
於 2023 年 3 月 1 日至 2024 年 2 月 29 日有效
Years of Award: 2009 - 2023

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CONTACT US

We welcome your feedback and suggestions on this report.

Share your comments by email at qhse@hud.com.hk




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