



ASYAPORT ENVIRONMENTAL REPORT

2020



INFORMATION

Name of Workplace

ASYAPORT LİMAN A. Ş.

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**Barbaros Mahallesi Denizciler Sokak No:10
Süleymanpaşa/TEKİRDAĞ**

Phone- Fax

0282 273 17 18 – 0282 273 19 29

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Tax Office and Number

Üsküdar V. D. 091 050 1866

GENERAL INFORMATION ABOUT THE ASYAPORT

Asyaport is a \$500 million project to build a greenfield container terminal at Tekirdağ on the Marmara Sea, approximately 70 km from Istanbul in Turkey. It is a deep-water site, strategically located to serve as a transshipment hub for containers destined for the Black Sea traveling via the Bosphorus Strait and it is the first Transshipment Container Terminal (Hub Port) of Turkey.

As of 2020, Asyaport is designed to handle a maximum annual throughput of 2.5 million TEU. This is achieved with the help of 11 ship-to-shore container cranes, 30 rubber-tyred gantry cranes, three reach stackers, five empty container handlers, 54 (more 16 TT are planned for investment) terminal trucks, and three ship cranes.

Asyaport has 300.000 m² port field and 2010 m total quay length. The terminal can handle container vessels with a capacity of up to 24,000 TEU with a maximum draught of 18 meters.

Asyaport, developing as a logistics center, provides significant contribution to business life of Tekirdağ with 1200 direct employment.

KEY FIGURES

- 300.000 m² port field
- 2010 m quay length
- Annual 2.5 million TEU total capacity
- 18 m water depth
- 1400 reefer container capacity
- 53.666 TEU intake capacity
(41.666 TEU at port, 12000 TEU at depot)

Equipments

- 11 STS Ship to Shore Crane
- 3 SCR Electrical Ship Crane
- 30 RTG (Rubber Tyred Gantry)
- 54 TT LNG powered Terminal Truck
- 3 RST Reach Stacker
- 5 ECH Empty Container Handler

- Monthly average 95 ship calls in 2020

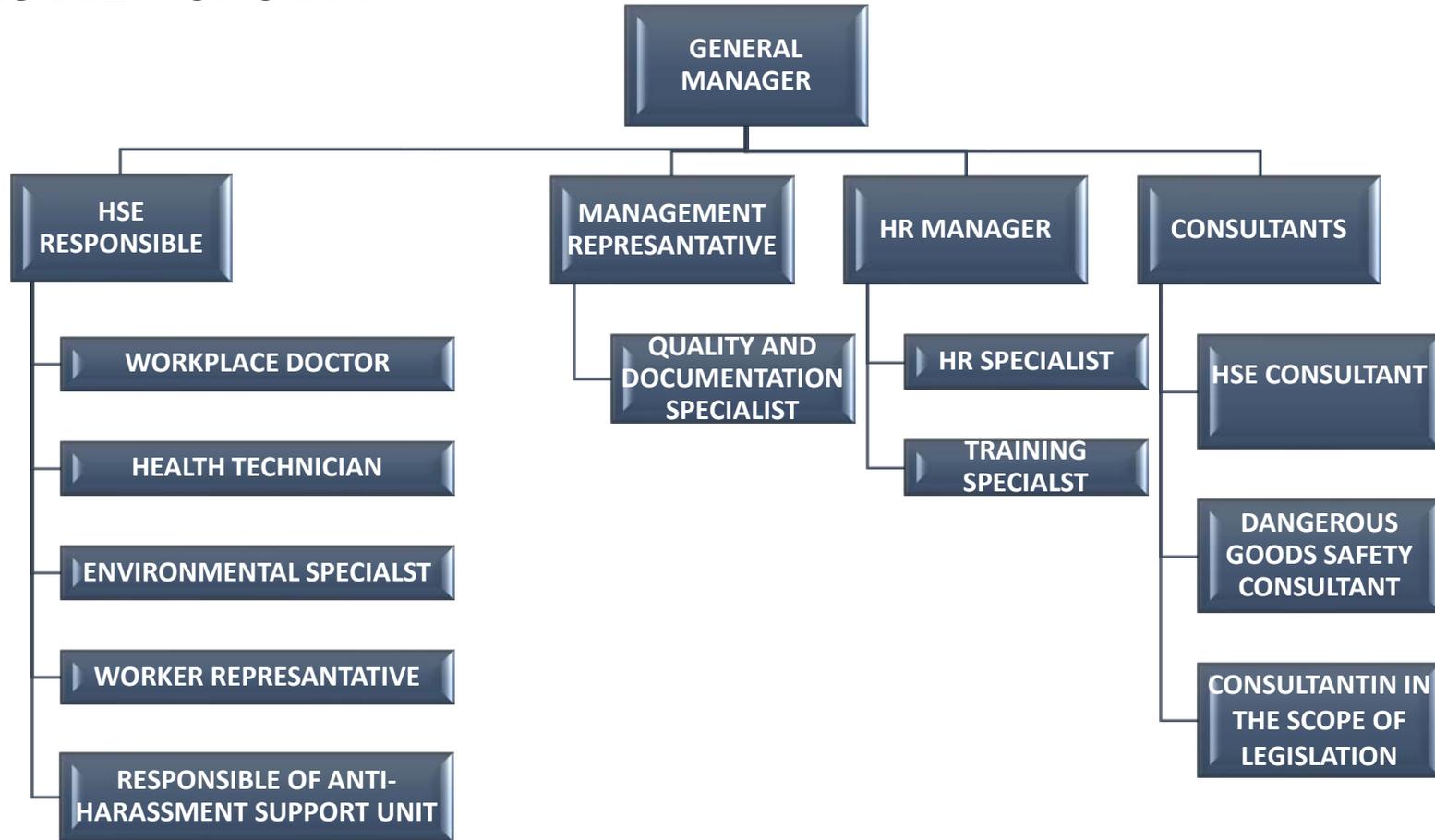




ENVIRONMENTAL ASPECTS OF ASYAPORT

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HSE ORGANIZATION CHART



SUSTAINABILITY IN ASYAPORT

Asyaport Port; with the strategic thinking, innovative technology, careful investment, decisions and business strategies based on continuous improvement, aims to be a sustainable port that can meet its needs.



ASYAPORT INTEGRATED MANAGEMENT SYSTEM POLICY

ASYAPORT is using the assets in the most efficient manner to provide continuous service and developing as a logistics centre in the region. Asyaport is Turkey's world opened green gate and the largest container port in the region, providing employment. In this context we undertake;

- To be innovative, competitive and leader in the sector with its service quality by understanding customer requests and needs in line with the changing and developing technology,
- Declaring that the Integrated Management System will be continuously improved with awareness, participation, target unity and effective controls; to be an organization that meets the needs and expectations of customers and all relevant parties and fulfills applicable requirements; Providing resources for the effective implementation of Integrated Management Systems,
- To carry out our activities in accordance with national and international laws, regulations and relevant legislation in all our areas of responsibility, to work in accordance with the general practices of the sector and international general practice in cases where these are insufficient or not,

ASYAPORT INTEGRATED MANAGEMENT SYSTEM POLICY

- To create long-term business partnerships and ensure customer satisfaction by complying with standards and legal regulations, without compromising service quality and speed,
- To comply with applicable legal and other conditions that it is obliged to comply with in terms of energy use, consumption and efficiency,
- Considering the best practices in the sector and in the world, to establish measurable targets related to quality, environment, occupational health and safety, energy management systems and to regularly review their realization in order to continuously improve our performance and management systems in this field,
- To guarantee the availability of all necessary information and resources to achieve goals and objectives,
- To apply the awareness of continuous improvement within innovative approach and to ensure the continuity of these practices with our employees, customers and suppliers.
- To continuously improve the Quality, OHS, Environment and Energy Management System in order to increase the IMS Performance,

ASYAPORT INTEGRATED MANAGEMENT SYSTEM POLICY

- To continuously improve all processes by reducing Occupational Health and Safety risks to an acceptable risk level,
- We have an appropriate environmental management program that guides to increase our environmental performance, focuses on preventing pollution and shows the necessary respect for the protection of nature,
- To protect the environment, to prevent pollution at its source by considering the environmental aspect of all our activities,
- To take measures to reduce our waste, to use raw materials, energy and natural resources efficiently,
- To work with high level of preparedness in order to prevent environmental accidents that may occur in the workplace and to reduce the effects of any accident or incident that may occur,
- To create a healthy and safe working environment by considering OHS hazards and managing risks in order to eliminate dangers,
- Taking the opinions of the employee representative and / or employees in Occupational Health and Safety Activities and ensuring their participation,
- To provide information, human resources, technology and financial resources that will ensure the continuity of the Occupational Health and Safety System,

ASYAPORT INTEGRATED MANAGEMENT SYSTEM POLICY

- In order to ensure the sustainability of natural resources, to use alternative energy and raw material resources in all our activities, to allocate resources to reduce greenhouse gas emissions and to increase energy efficiency and savings
- To continue our activities by preserving natural resources in order to leave an environment that will not make future generations forget the nature and live with health, by choosing equipment, systems and services that are suitable for the system in new projects and designs in order to continue our activities,
- To protect and maintain the life cycle understanding by reducing the negative environmental impacts of our activities from the design stage to the end of the life cycle,
- Ensures the purchase of environmentally friendly and energy efficient products and services to improve energy performance, and supports designs for improving energy performance
- Keeping carbon emissions at the lowest possible level,
- Publishing annual reports, paying special attention to good cooperation with all stakeholders in order to advance port development in an environment of good relations,
- Updating the Integrated Management System Policy periodically according to the inspection results of Quality, Occupational Health and Safety, Environment and Energy Management Systems and future changing conditions,
- We undertake to announce this committed and implemented policy to all of our employees and to make it accessible to the public and third parties.

ASYAPORT MANAGEMENT SYSTEM

ASYAPORT Quality, OHS, Environment, Energy, Social Responsibility, Green Port, ECOPORTS and Information Security are applied to the management systems.





COMPLIANCE WITH LAW

ASYAPORT carries out all the activities and operations in Turkey and abroad within the framework of laws and international law. It attaches importance to correct and timely communication in its relations with legal regulatory agencies and organizations.

Activities; It carries out laws, regulations and professional standards in accordance with the ASYAPORT Ethical Principles. All legal conditions are monitored daily via the official newspaper, changes are made in legal conditions to be announced to the relevant units and actions are taken and monitored through the LS SEÇK-020 Legal and Other Terms Tracking List Ordinary Conditions Follow-up List.

In 2020, there is not any inappropriate situation with regard to the legal requirements for the environment.



ENERGY, NATURAL RESOURCES USE AND RESOURCES

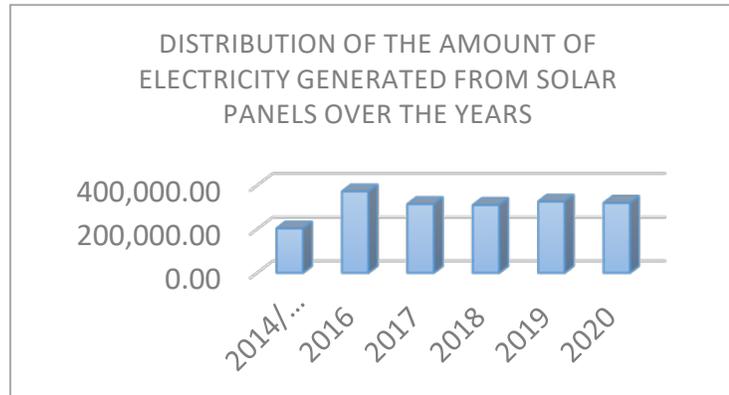
ASYAPORT as Turkey's largest container port is the biggest proof that there may be an environmental investment with such a large volume of business. All necessary work has been done to minimize the use of natural resources and carbon emissions and its continuity has been ensured.

Targeting to be a sustainable port for a sustainable environment, Asyaport uses LNG in in-port carriers in Europe and Turkey for the first time. All the Cranes works electricity and fossil fuels uses for only vehicles, using for emergency generators.

ENERGY, NATURAL RESOURCES USE AND RESOURCES

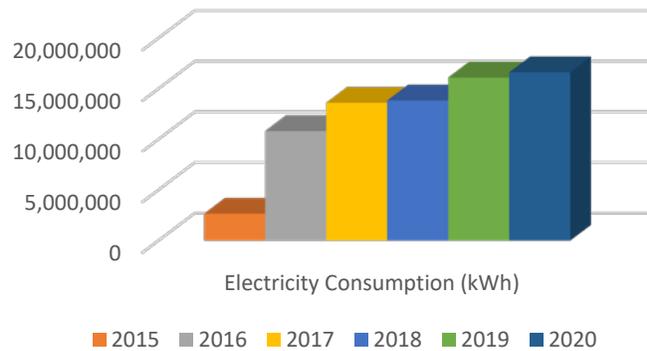
Electricity Produce

Asyaport have the Solar Energy System which produce electricity. A part of electricity using is generated by the 1280 panel Solar Energy system. Installed power of the port solar energy system is 323.54 kW. In 2020, 319.344 kWh energy was generated by solar system, and total generation of energy is 1.844.800 kWh from 2014, the year of the system was established.

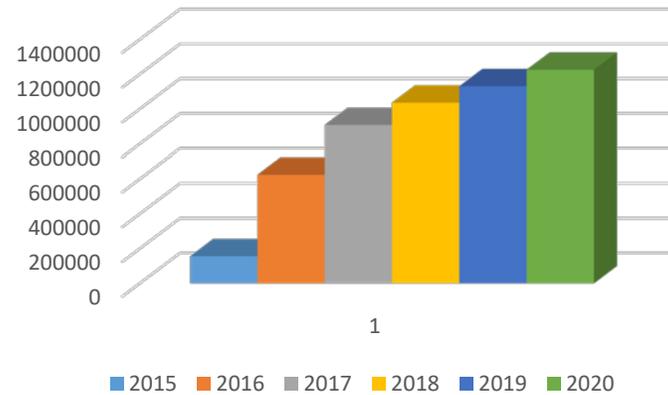


ENERGY, NATURAL RESOURCES USE AND RESOURCES

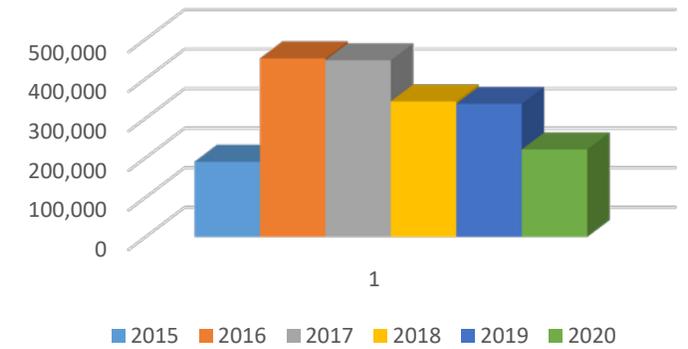
Electricity Consumption (kWh) By Years



LNG Consumption (kg of LNG) By Years

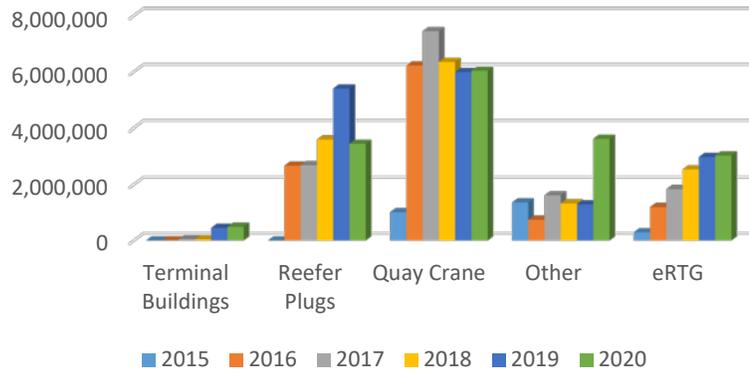


Diesel Consumption (Liters of Diesel) By Years

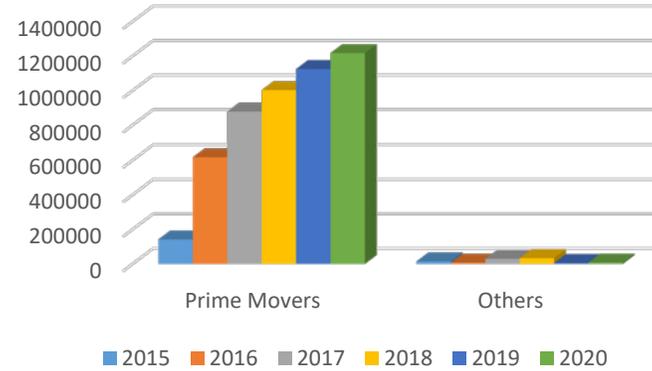


ENERGY, NATURAL RESOURCES USE AND RESOURCES

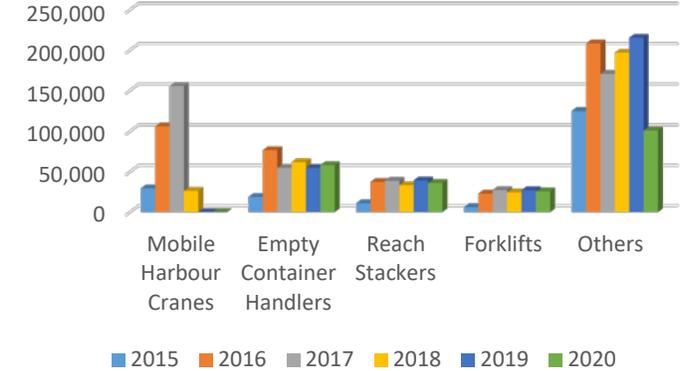
Electricity Consumption Amount
Distribution By Years



LNG Consumption Amount
Distribution By Years



Diesel ,consumption Amount
Distribution By Years

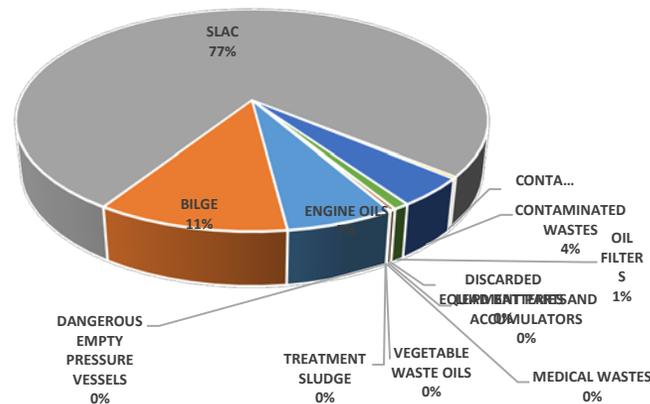


WASTE MANAGEMENT

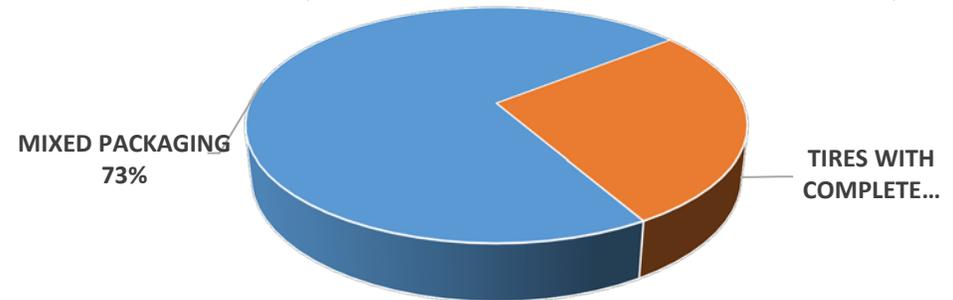
ASYAPORT, It provides the management of wastes in accordance with the legal framework within the scope of environmental legislation. The wastes generated in the port are divided into classes and stored separately according to their types, kept in legal periods and sent to licensed recycling or disposal facilities through licensed companies.

Wastes exist in Asyaport temporary storage area are separated according to grade and type of hazard. There is a drainage system for the group of hazardous wastes. These wastes are disposed to contract companies in certain periods.

HAZARDOUS WASTES SENT FOR DISPOSAL / RECYCLING, 2020



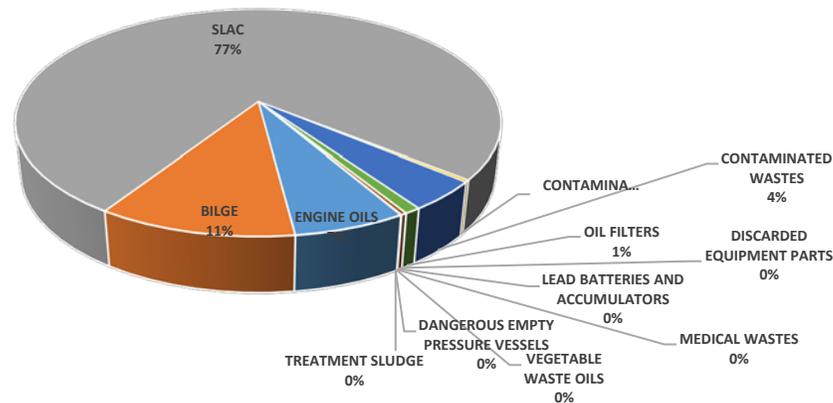
RECYCLING / DISPOSAL NON-HAZARDOUS WASTES, 2020



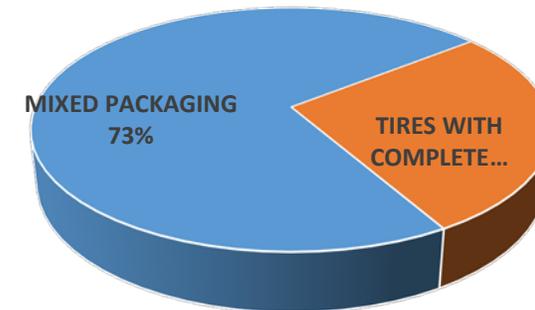
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HAZARDOUS WASTES SENT FOR DISPOSAL / RECYCLING, 2020



RECYCLING / DISPOSAL NON-HAZARDOUS WASTES, 2020



WASTE MANAGEMENT

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WATER AND WASTEWATER TREATMENT

Within the port;

domestic wastewater from ships, domestic wastewater from the port, rain water generated within the facility and the wastewater resulting from the treatment of wastewater generated after dewatering the bilge water taken from the ships and are collected.

In 2020 year 52600 kg treated waste water was sent to municipal treatment.

A rainwater collection channel has been laid in the port area to collect the rain falling within the body of Asyaport Port. Asyaport has two water drainage systems for rainwater. Rain water coming from the roofs of Asyaport buildings is collected in a single line. The other drainage system is a grease trap system. The water is sent to the sea after the oil and dirt that may be in the rain water are kept by the oil trap.

WATER AND WASTEWATER TREATMENT

Marine Water Quality

Measurement work has started in cooperation with The Tekirdağ Municipality. There is a public beach right next to the harbor. The water quality of this beach is examined periodically by samples taken by the Ministry of Health. In addition, ASYAPORT Water quality is monitored twice a year by analyzing sea water taken from various points and depths. Our port follows the results of the analysis and takes extra care to protect the local people's routine life conditions.



AIR POLLUTION CONTROL

Emission

Asyaport activates all cranes by the electric energy to reduce the carbon output and on behalf of doing no harm the environment during the operations. Also, the port prefers LNG, used in Turkey for the first time, instead of the diesel fuel on the inside transporter at the port.

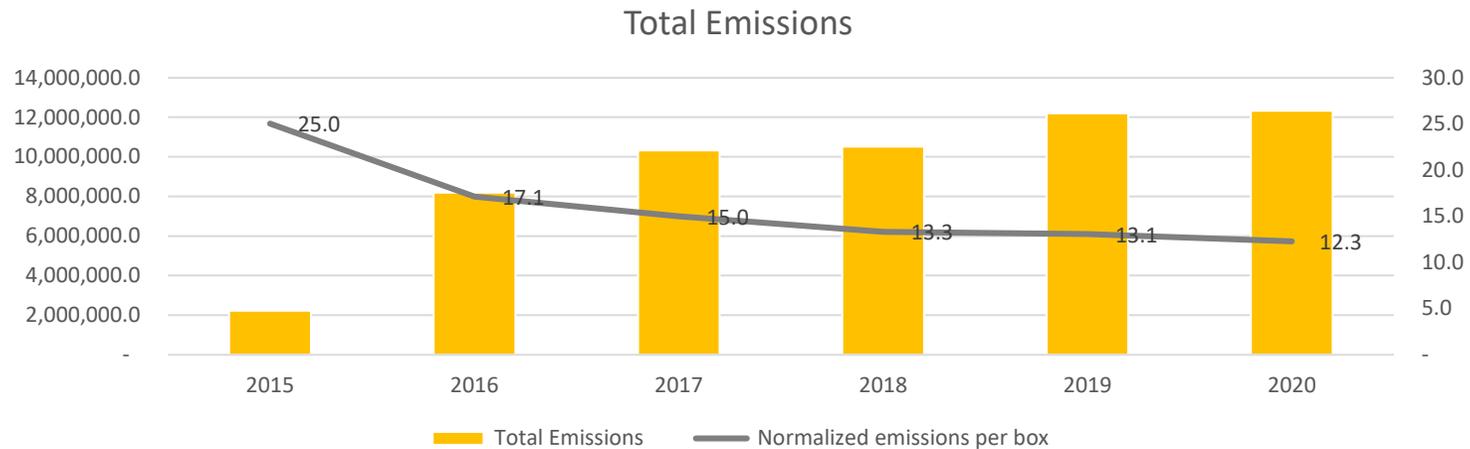
Asyaport minimized the carbon emission of the cranes and the inside transporters. There is no open stored bulk material that can be emission source in Asyaport. Containers are stored only. So Asyaport does not have any emission source. The Emission Exemption Certificate Allowance was given for emission to ASYAPORT from Tekirdağ Ministry of Environment and Urbanization Committee.



GREENHOUSE GASES MANAGEMENT

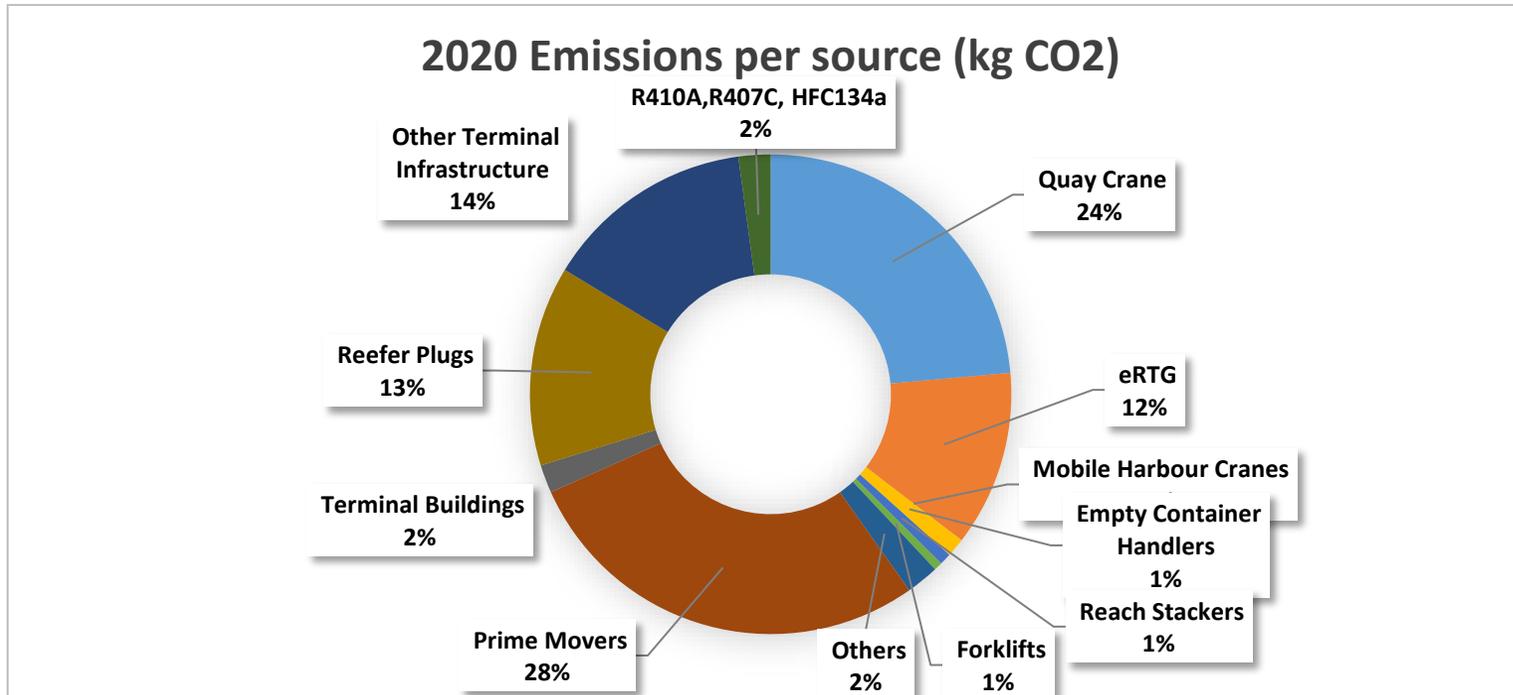
ASYAPORT provides the calculation of greenhouse gas emissions under its operational control in relation to the activities it carries out and carries out Greenhouse Gas Management.

As ASYAPORT is a growing and developing business, energy consumption will increase. The important thing is to minimize greenhouse gas emissions while consuming energy. Solar energy panels, LED lighting, LNG usage in ASYAPORT are concrete investments made for greenhouse gas emission reduction.



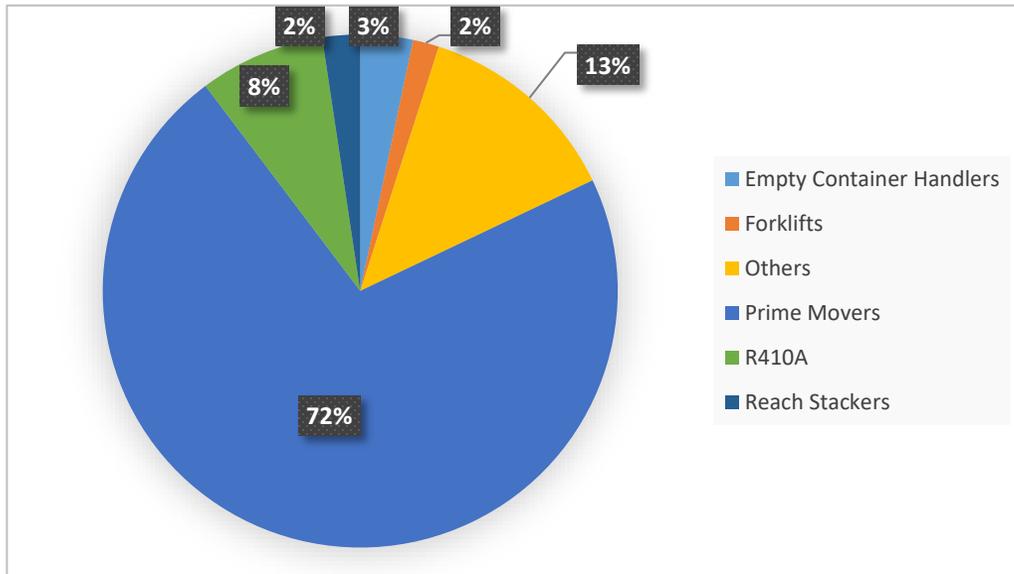
GREENHOUSE GASES MANAGEMENT

Targeting to be a sustainable port for a sustainable environment, Asyaport uses LNG in in-port carriers in Europe and Turkey for the first time so that the carbon release dropped by 1,230 tons a year. Diesel-powered vehicles release 253 kg CO₂ emission for 1000 kWh energy while LNG-powered vehicles release 185 kg CO₂ emission.

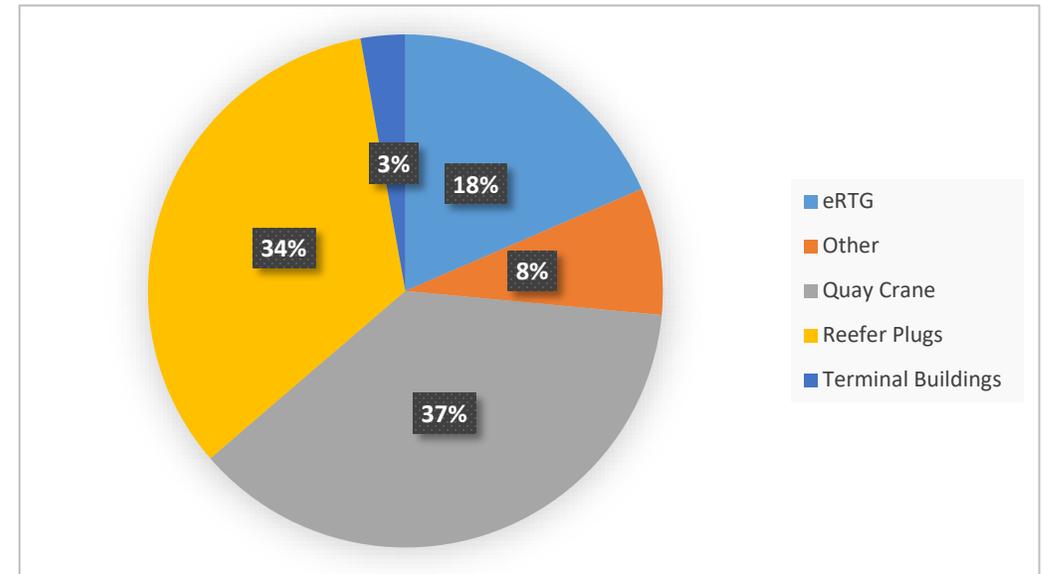


GREENHOUSE GASES MANAGEMENT

Within the scope of greenhouse gas management, greenhouse gas calculations arising from activities carried out within the facility are made and reported.



Scope 1 Emissions, 2020



Scope 2 Emissions, 2020



NOISE MANAGEMENT

ASYAPORT is founded 500 m far from the settlement place. Facilities that founded 500 m. far from the settlement place are exempted from noise permit according to the Ministry of Environment and Urbanisation regulations. The measurement of noise in the working environment was made according to the Occupational Health and Safety Law. Noise levels are monitored. In addition, the environmental noise measurement is measured internally for control purposes.

SOIL POLLUTION

There are no sources of pollution will affect the soil on the port. Even if any leakage, Asyaport has impermeable concrete floor.

MANAGEMENT OF CHEMICALS

SDS for all chemicals used in the Asyaport current and up to date. Storage and use of chemicals are carried out in accordance with relevant regulations. All employees have received IMDG awareness training. IMDG Code trainings are going on for duty.

ZERO WASTE MANAGEMENT

"Zero Waste Project"; Within the scope of the regulation published on 12 July 2019, it is a waste management project that includes the prevention of waste, the more efficient use of resources, the prevention or minimization of waste generation by reviewing the causes of waste generation, and the collection and recovery of waste at the source if it occurs. Asyaport started works with zero waste in October 2019. Till the end of 2019, staff and stakeholders have been trained, waste boxes have been provided and started to be used in the scope of the regulation. Zero waste basic level certificate has been received in June after the application is made in April 2020.

Asyaport saved 162,26m³ water, 27,60m³ storage area and 50,570 kWh energy by 12,257 tons of waste collected and recycled in the 2020 so that of 99 trees, 12,039 liter petroleum, 1 ton glass raw materials and 0.264 ton metal raw materials was saved from consumption.



ENVIRONMENTAL EDUCATION

Training is provided for ASYAPORT employees both within the scope of environmental legislation and in order to raise general environmental awareness. In the trainings for employees, general information is given about the definition of the environment, what are the administrative sanctions regarding the environment, our citizenship duties according to the environmental legislation, what is the waste, the separation of wastes according to their types, management and what kind of environment and waste management will be in our port.



STAKEHOLDER COMPLAINTS AND SUGGESTIONS SYSTEM

Within the scope of the services provided by ASYAPORT, it is ensured that complaints, suggestions and objection applications are evaluated and concluded quickly and effectively. It includes the procedures to be made regarding the complaints, suggestions and objections submitted by the stakeholders of ASYAPORT and the complaints, suggestions and objections received within the scope of the management system documents it has.

You can access the complaint, suggestion and appeal form from the link below.

<http://www.asyaport.com/en-US/environment-and-social-responsibility/1255872>

The stakeholder engagement plan was prepared and published in Turkish on the ASYAPORT website.

<http://www.asyaport.com/tr-TR/cevre-ve-sosyal-sorumluluk/627903>

NUMBER OF STAKEHOLDER COMPLAINTS SUGGESTIONS





ASYAPORT 2020 ENVIRONMENTAL REPORT