

#image #brochure

#2024 #modern #shipyard #ontimedeliveries

#Action #Realaction

**QUALITY
ON-TIME
ALWAYS**

STATE OF ART MARITIME SERVICE HUB

FAYARD 



**TRUSTED TO
PERFORM
SINCE 1916**

FAYARD 





Key Facts

- Private Owner & Private Managed shipyard,
- Founded by the Andersen family in 1916.
- Located centrally in Denmark, Northern Europe.
- Large, modern and efficient repair yard with
 - 4 large dry docks
 - Superior cranes
 - Plenty of quays and workshops to meet any requirements on maritime vessels, jack-ups and semi-submersibles
- 120-130 vessels in for service, yearly average.
- More than 1,250 dockings in present facilities in Munkebo
- Fast and efficient workflow.
- Highly skilled Workforce
- High-Capacity yard
- 10% of our workforce are apprentices – by purpose!
- ISO 9001, 14001 & 45001 certified by Bureau Veritas

108 years of being On-Time

An aerial photograph of a large industrial shipyard. In the foreground, a green and red LNG carrier named 'EVERGAS' is docked. Behind it, a large blue and white DFDS ferry is in a dry dock. The yard is filled with various structures, cranes, and materials. In the background, a large body of water is visible with several wind turbines on the distant shore under a cloudy sky.

**REPAIR
CONVERSION
REBUILD
RETROFIT
EFFICIENCY UPGRADES
OFFSHORE
DECOMMISSIONING & RECYCLING**

Dry Docks up to 435m x 90m

REPAIR

Our facilities and highly skilled staff enable us to repair any kind of damage.

We have gained our reputation through short lead times for repair projects, excellent quality and a minimum of docking time.

As with all other work at FAYARD, each project is assigned a dedicated project manager ensuring excellent communication and delivery within the agreed schedule.

CONVERSION

We have the resources and the capacity to do all imaginable conversions, whether it is conversions into cable laying vessels, lengthening of vessels, additional accommodation projects or conversions of rigs and jack-ups. Typically, we combine conversions with up-grades of various systems in order to optimize operation of the vessel, e.g. bulb ex-change.

REBUILD

We also have great experience with life-time extensions and are able to carry out the most challenging and extensive rebuilding projects within short and fixed delivery schedules while our high quality is maintained.

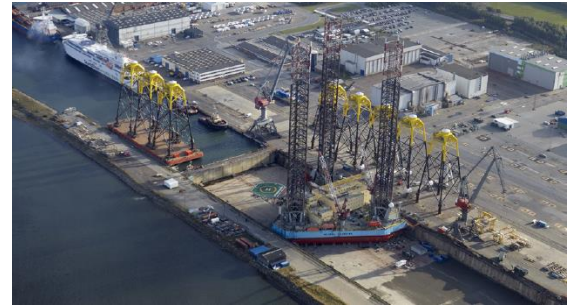
RETROFIT

We are specialized in retrofitting ballast water treatment systems (BWTS), scrubbers/ Selective Catalytic Reduction (SCR) systems and Engine LNG conversions. Retrofits of bulb, propeller and rudder system to ensure operational efficiency, and reduce consumption/emission, as well as retrofitting for compliance.

The unique key to successful installation is preparation of all interfaces and dependencies throughout the supply chain from engineering/design over maker's timely delivery, installation, logistics to class approval capacity. Thousands of vessels require BWTS retrofit before September 2024 - get peace of mind by teaming up with makers and FAYARD.

OFFSHORE

We handle renewal surveys, special periodic surveys, upgrades and other work on rigs efficiently and in a safe and speedy manner. Our HSEQ set-up dedicated to safety, includes a second to none work permit system, developed specifically to offshore requirements.



DECOMMISSIONING AND SHIP RECYCLING

Our facilities offer well located large-scale decommissioning facilities for vessels, wind turbines, off-shore oil & gas structures & platforms. Our comprehensive, professional setup including pollutant handling is adapted at The European List of Recycling facilities pursuant to the EU Regulation No. 1257/2013 in force.

CERTIFIED MANAGEMENT SYSTEM

FAYARD 

Bureau Veritas Certification

Fayard A/S
Kystvejen 100, 5330 Munkkebo, Denmark

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015
Scope of certification

Docking and repair of ships and floating units.

Original cycle start date: 08-03-2012
Expiry Date of Previous Cycle: NA
Certification/Recertification Audit Date: NA
Certification / Recertification cycle start date: 08-03-2021
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 07-03-2024

Certificate No.: DK013874 Version: 1 Issue Date: 17-02-2021

Phil Absalona

Certification Body Address: 5th Floor, 65 Princes Street, London, E1 6HG, United Kingdom
Local Office: Bureau Veritas Certification Denmark A/S, Olsenborggade 25-31, 7000 Fredericia

UKAS
0008

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call +45 77 31 1000.

11

9001:2015

Bureau Veritas Certification

Fayard A/S
Kystvejen 100, 5330 Munkkebo, Denmark

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ISO 14001:2015
Scope of certification

Docking and repair of ships and floating units.

Original cycle start date: 01-05-2017
Expiry date of previous cycle: NA
Certification / Recertification Audit date: NA
Certification / Recertification cycle start date: 01-09-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 30-04-2026

Certificate No.: DK016696 Rev: 1 Issue date: 19-04-2023

Phil Absalona

Certification Body Address: 5th Floor, 65 Princes Street, London, E1 6HG, United Kingdom
Local Office: Bureau Veritas Certification Denmark A/S, Olsenborggade 25-31, 7000 Fredericia

UKAS
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Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call +45 77 31 1000.

11

14001:2015

Bureau Veritas Certification

Fayard A/S
P-no. 1001710770, Kystvejen 100, 5330 Munkkebo, Denmark

Bureau Veritas Certification Denmark A/S certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

Standard
ISO 45001:2018
Executive Order No. 1409 / 2020
Scope of certification

Docking and repair of ships and floating units.

Original Cycle Start Date: 13-06-2023
Expiry date of previous cycle: NA
Certification/Recertification Audit date: NA
Certification/Recertification cycle start date: 13-06-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 12-06-2026

Certificate No.: DK016932 Version: 1 Issue Date: 13-06-2023

Phil Absalona

Certification Office: Bureau Veritas Certification Denmark A/S Olsenborggade 25-31, 7000 Fredericia, Denmark

Further clarifications regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by contacting the organization. To check this certificate validity please call +45 77 31 1000.

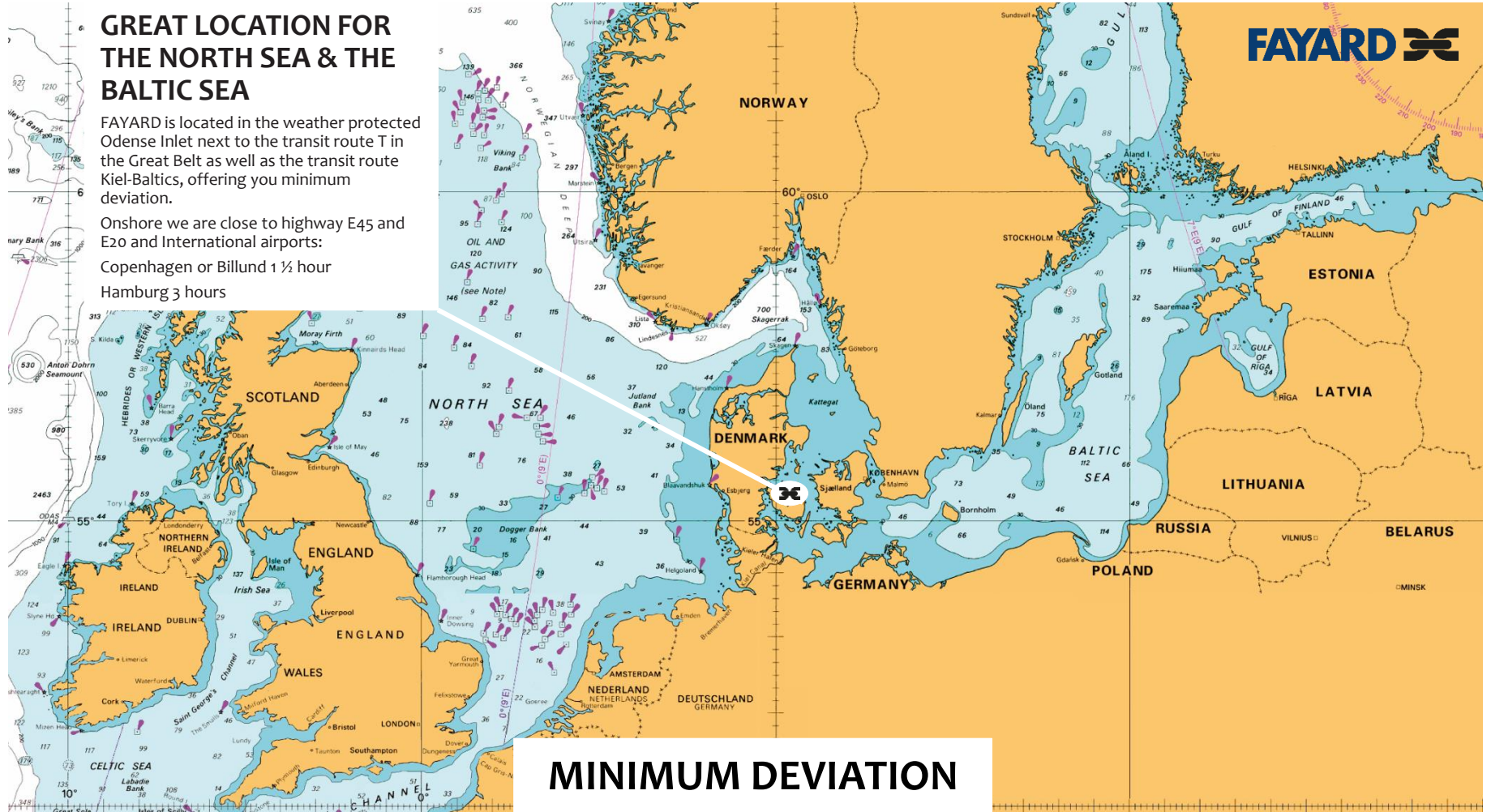
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45001:2018

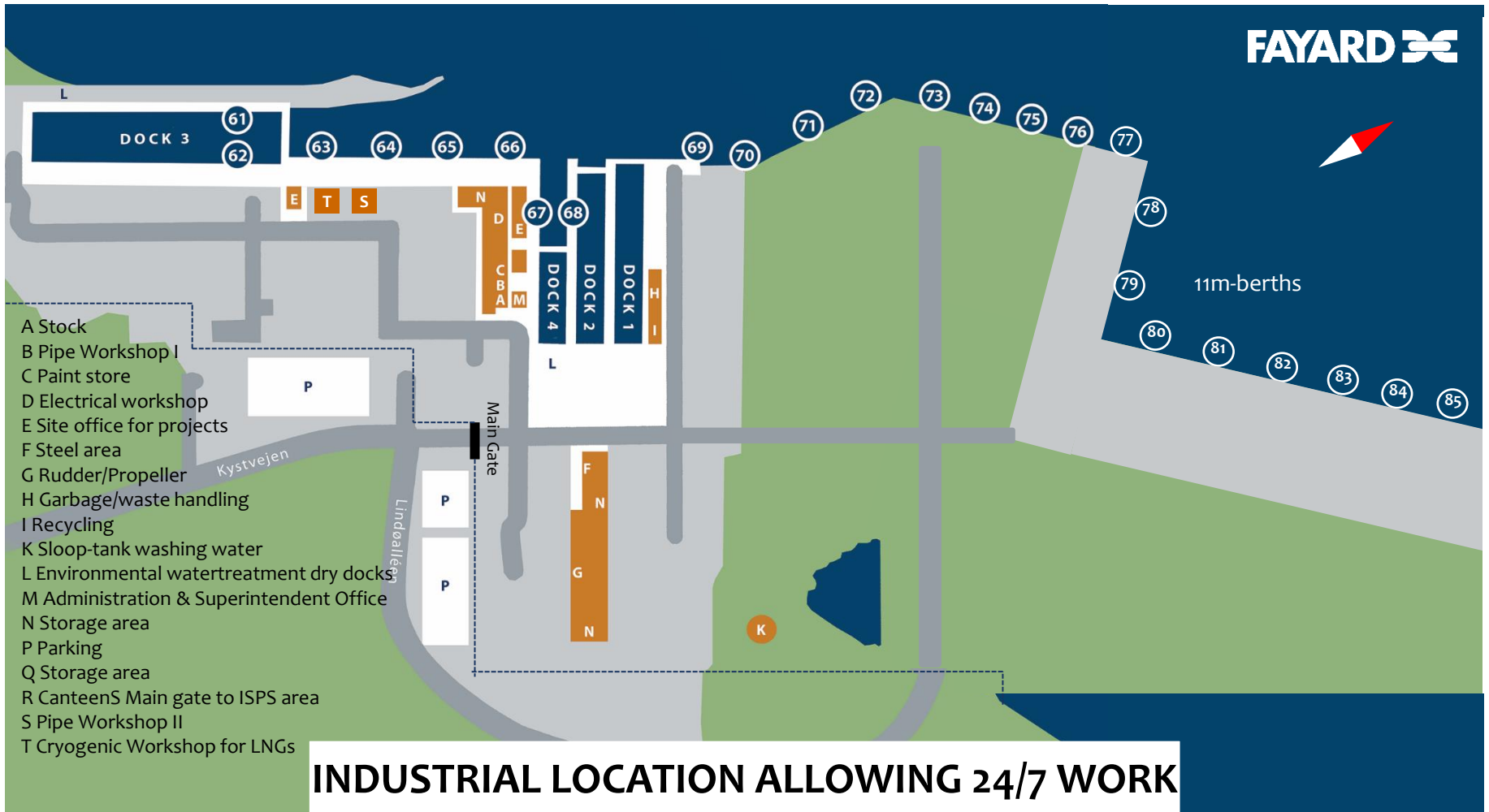
GREAT LOCATION FOR THE NORTH SEA & THE BALTIC SEA

FAYARD is located in the weather protected Odense Inlet next to the transit route T in the Great Belt as well as the transit route Kiel-Baltics, offering you minimum deviation.

Onshore we are close to highway E45 and E20 and International airports: Copenhagen or Billund 1 ½ hour Hamburg 3 hours



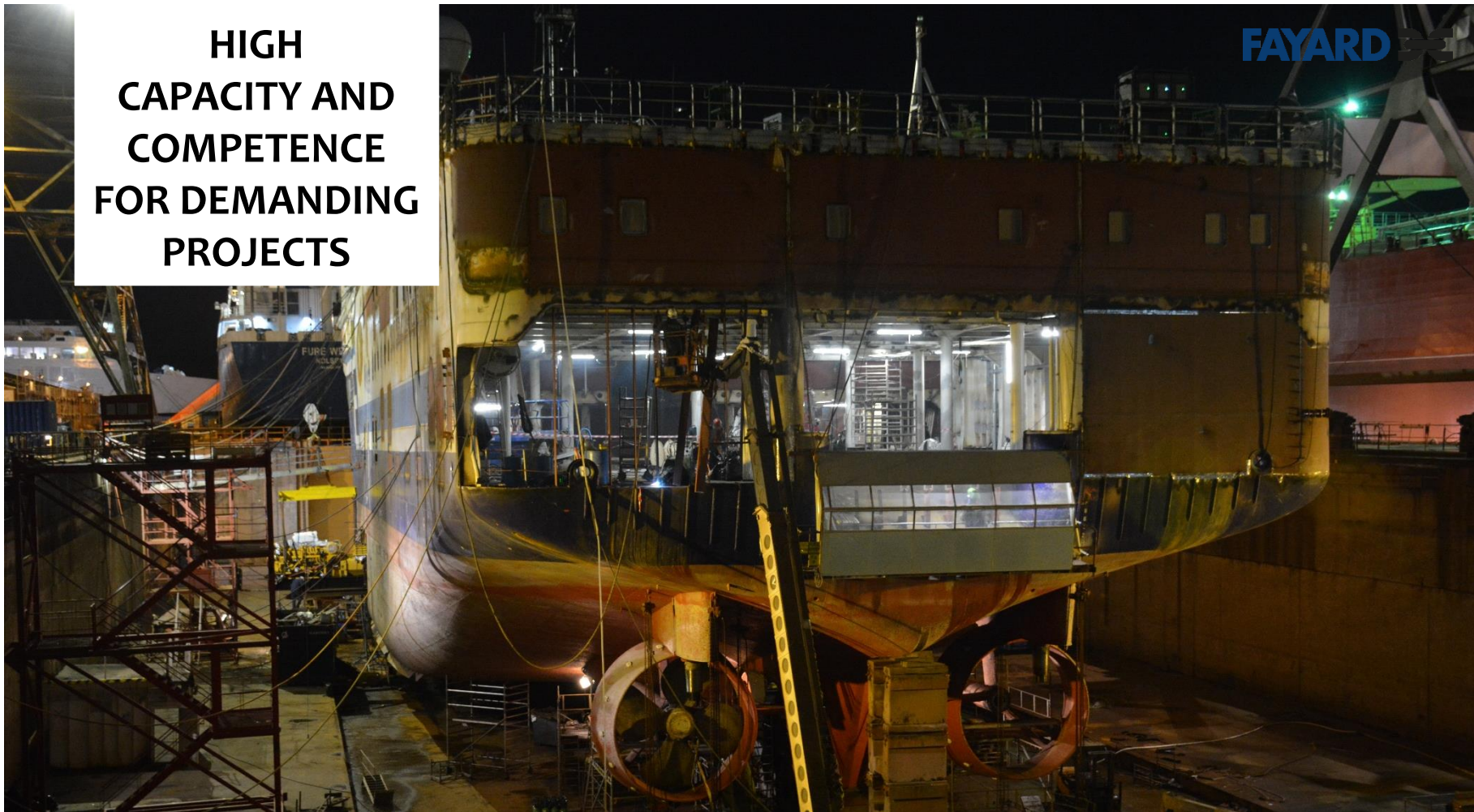
MINIMUM DEVIATION



INDUSTRIAL LOCATION ALLOWING 24/7 WORK

**HIGH
CAPACITY AND
COMPETENCE
FOR DEMANDING
PROJECTS**

FAYARD



FACILITIES

Our easily accessible and efficiently organized area includes 4 dry docks, 6 cranes, 3 construction & assembly halls, modern disposal facilities and on-site workshops.

DRY DOCKS

Dock 1 303 x 45 x 7

Dock 2 280 x 44 x 7

Dock 3 335/435 x 90 x 8

Dock 4 145 x 30 x 8

dock-pit 6.2 x 6.2 x 2.4 m

dock-pit 14.0 x 6.0 x 3.5 m
9.0 x 6.0 x 3.5 m

dock-pit 6.2 x 6.2 x 2.4 m

CRANES

Capacity up to 1,200 tonnes

REPAIR BERTHS

Max. draught 7m - 11 m

CONSTRUCTION & ASSEMBLY HALLS

32,000 m²

TANK WASHING WATER DISPOSAL FACILITIES

Up to 600 m³

ELECTRICAL SHORE POWER (at each dock)

1000 A - 440 V - 60 Hz 1200 A - 400 V - 50 Hz

TOTAL AREA

165,000 m²

MODERN DRY DOCKS

In 2011, we invested in 3 modern dock gates and an upgrade of the pumping systems for the docks with dock-pits to increase the docking efficiency.

Due to these upgrades, we can start working on your vessel only 3-4 hours after your arrival.

The dock gates in 3 of our docks open or close in just 4 minutes.

BERTH AND OTHER FACILITIES

For offshore platforms and semi-subs, we have the required berth facilities.

Jacking-up is possible.

Berths are used for the type of work that does not specifically requires dry docking.

ENVIRONMENT

We are fully committed to conducting our activities in an environmentally responsible manner.

In our attempt to run our yard as environmentally friendly as possible we have invested in - two state-of-the-art waste-water treatment facilities with connections in the dock, for e.g. tank washing water. One set of tanks is connected to 3 of our docks and the other is connected to the large Dock 3. UHP water jetting capacity for fast hull process in all docks

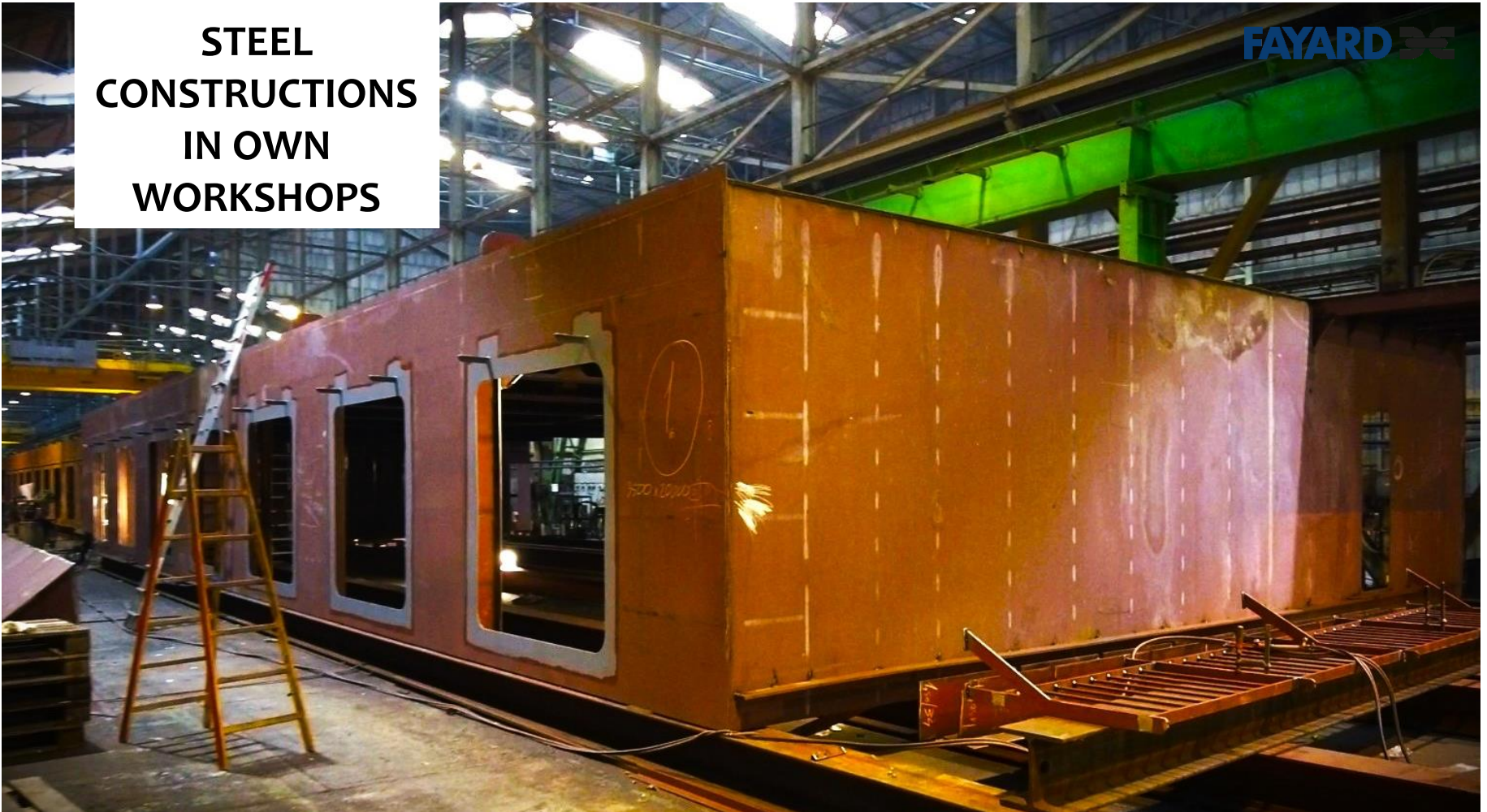
MANAGEMENT SYSTEM

Certified to the ISO 9001, 14001 & 45001 standards by Bureau Veritas

**CAPABILITY TO
PREFAB LARGE
HEAVY SECTIONS
UP TO APP 1100 T
SHORTENS YOUR
YARD STAY**



**STEEL
CONSTRUCTIONS
IN OWN
WORKSHOPS**





ENVIRONMENT

Making Global Goals Local Business

- We are fully committed to conducting our activities in an environmentally responsible manner. In our attempt to run a yard that is as environmentally friendly as possible we have amongst others
- Dry Docks are environmentally Closed Loop systems
- Hull Cleaning by Water Jetting as standard
- Shore Power availability reduces vessel emissions
- Tank Washing Water Receive System (Slop)
- Vessels in Vaporized condition allowed
- Lower VOC Emission to air than allowed quota
- Waste Management System in operation
- All Chemicals are stores in Secured areas
- Recycling of scrap materials availability
- LED-bulbs where applicable
- EU-approved Ship-recycling facilities



13 CLIMATE ACTION



Climate change is one of the biggest sustainability challenges of our time.

At FAYARD we have a strong focus on supporting customers regarding the CII and the EEXI improvements, and in optimizing the ships in operations by incremental retrofits. We are thrilled to work together and to help our customers become more efficient while reducing the vessels' environmental footprint.



Competent and Efficient SOX-scrubber Retrofits

- 90 Scrubbers retrofits at FAYARD
- Treating total MW of engine emissions: 821 MW
- Closed Loop Zero Discharge scrubbers: 22
- Closed Loop scrubbers: 24
- Hybrid Ready scrubbers: 37
- Open Loop scrubbers: 7
- Largest scrubber retrofitted is for 54.2MW
- Smallest scrubber retrofitted is 7.3MW
- Most scrubbers in one vessel: 5 for total 22.3MW
- Fastest Scrubber retrofit: 7 days

- Average of all 90 scrubber retrofits: 18 days



Competent and Efficient Ballast Water Management Retrofits

Per 31. December 2023:

- BWTS/BWMS retrofits at FAYARD 145 units
- Treating capacity in total: 124,343 m³/hour
- Filter & UV: 138 units
- Other process: 7 units
- USCG/ATEX Deckhouse solutions 39 pcs
- Largest capacity for one vessel 6,000 m³/hour
- Smallest Capacity one vessel 135 m³/hour
- Fastest Scrubber retrofit: 8 days
- Average of all 90 scrubber retrofits: 12 days

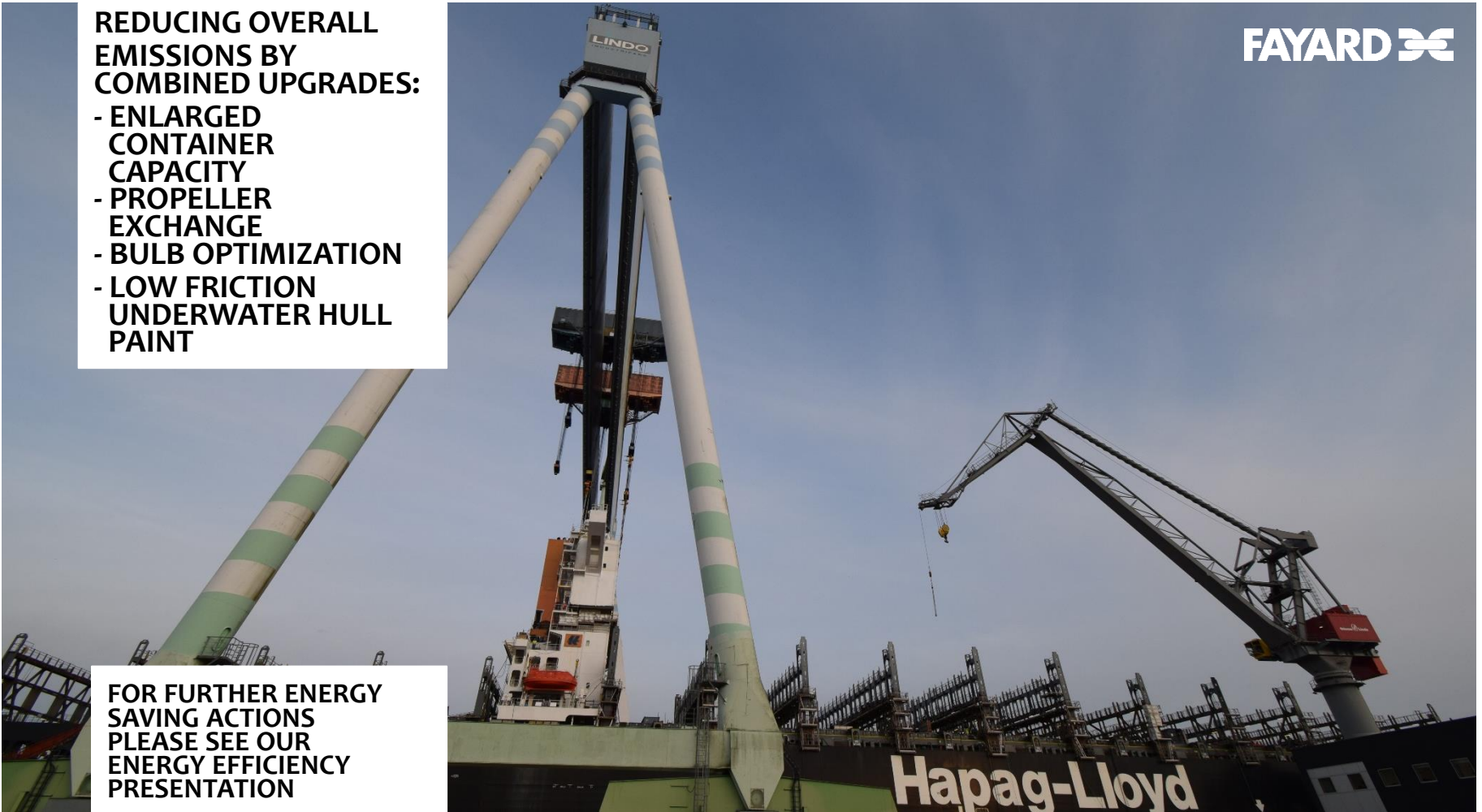
**UPGRADES THAT
HELP YOU GROW
YOUR BUSINESS
AND REDUCE
THE EMISSIONS
PER PASSENGER**

FAYARD 



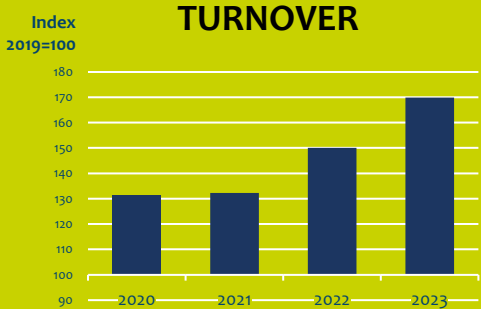
**REDUCING OVERALL
EMISSIONS BY
COMBINED UPGRADES:**

- ENLARGED
CONTAINER
CAPACITY
- PROPELLER
EXCHANGE
- BULB OPTIMIZATION
- LOW FRICTION
UNDERWATER HULL
PAINT



**FOR FURTHER ENERGY
SAVING ACTIONS
PLEASE SEE OUR
ENERGY EFFICIENCY
PRESENTATION**

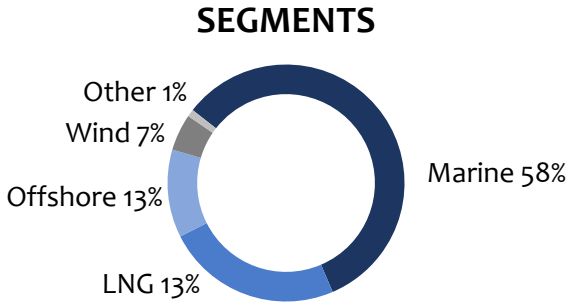
THE NUMBERS



VESSELS PER YEAR (avg.)

121

2023 DOCK UTILIZATION



DELIVERED ON-TIME

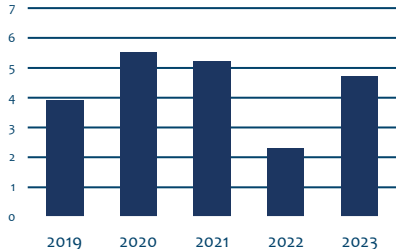
100%

PART OF TURNOVER FROM RETURNING CUSTOMERS

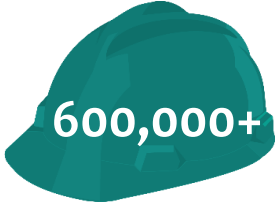
87%

OSHA TRIR

(the 200,000 hrs benchmark)



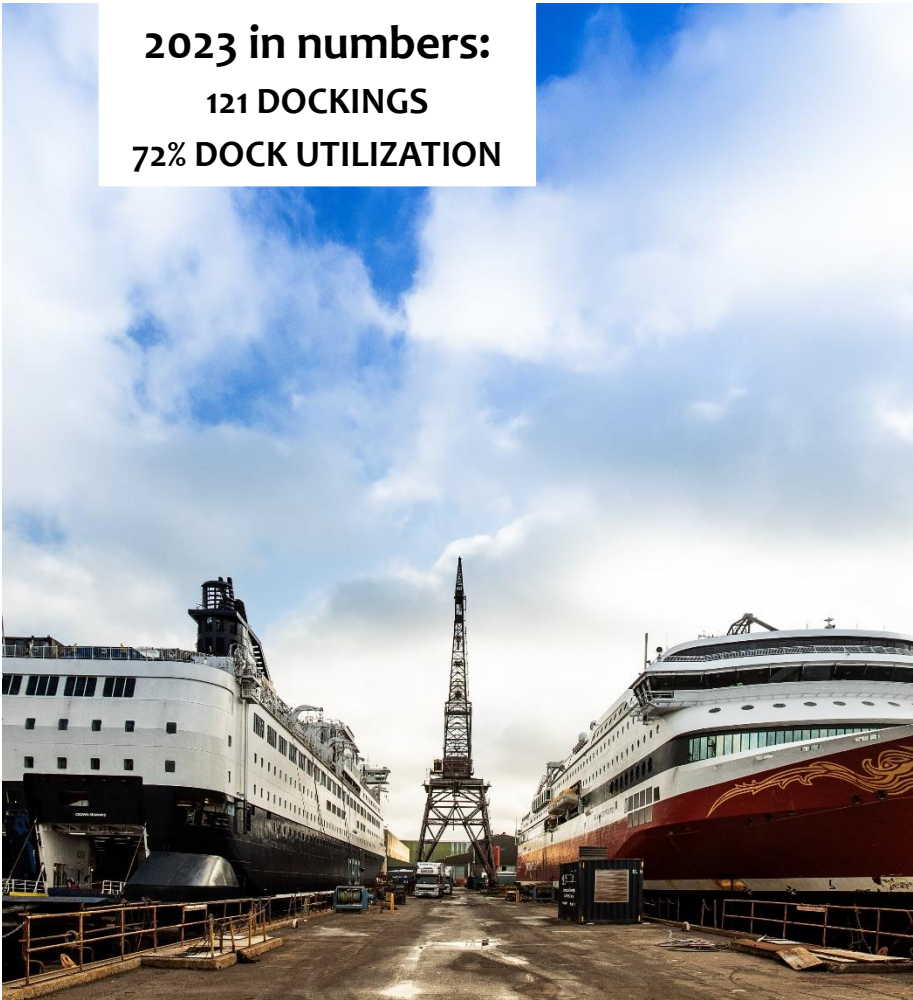
AVERAGE WORKING HOURS PER YEAR



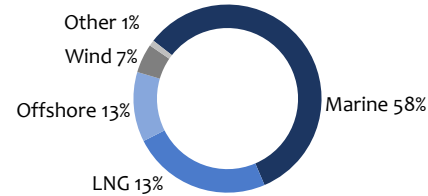
DOCK AVAILABILITY Meets requested service slot

98%

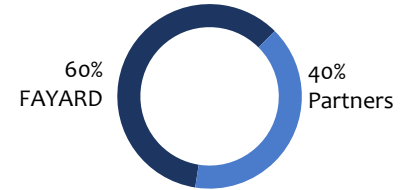
2023 in numbers:
121 DOCKINGS
72% DOCK UTILIZATION



Segments



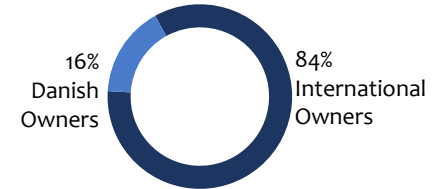
Project Controlling Network Organization



Customer Appreciation



International activities



108 years of being On-Time

OUR
COMMITMENT

10%

OF OUR
WORKFORCE
ARE APPRENTICES

FAYARD 



8 DECENT WORK AND
ECONOMIC GROWTH





PARTNERS AT OUR FACILITY

QUALITY

At FAYARD we want our clients to leave the facilities with the highest quality of work done on their asset. To ensure constant focus on keeping our high quality, we have implemented the **ISO9001:2015** and the **ISO14001:2015** management systems. The systems cover all the processes in the yard, and it is certified by BV. Naturally, we are continuously improving our processes and systems.

GTT MEMBRANE LNG VESSELS

In 2020, Gaztransport & Technigaz SA (GTT) and FAYARD signed Technical Service Agreement for Maintenance and Repair of GTT membrane LNG carriers allowing servicing of the vessels in the FAYARD facilities. For the services FAYARD is teaming up with certified specialists.

HEALTH & SAFETY

We hold our employees and the crews of visiting vessels in the highest regard. Our Occupational Health and Safety Management System (OHSMS) is a fundamental part of our Safety and Risk management and is certified by Bureau Veritas to the **ISO45002:2018** standard. We demand a strict adherence to our safety policy from our workforce, and others under our control, in order to protect all and prevent accidents.

FAYARD has set the goal of achieving zero occupational injuries and illnesses by continuously improving our prevention practices, awareness and controls.

Specifically developed to safety of personnel, FAYARD has amongst others developed and implemented the FAYARD Smart Boarding System, an innovative IT system that monitors entering and leaving of personnel to vessel and drydock. Project Management can always see who is where – and in case of emergency whether all has left the sites.

QUALITY - ON TIME - ALWAYS

Quality - On time - Always



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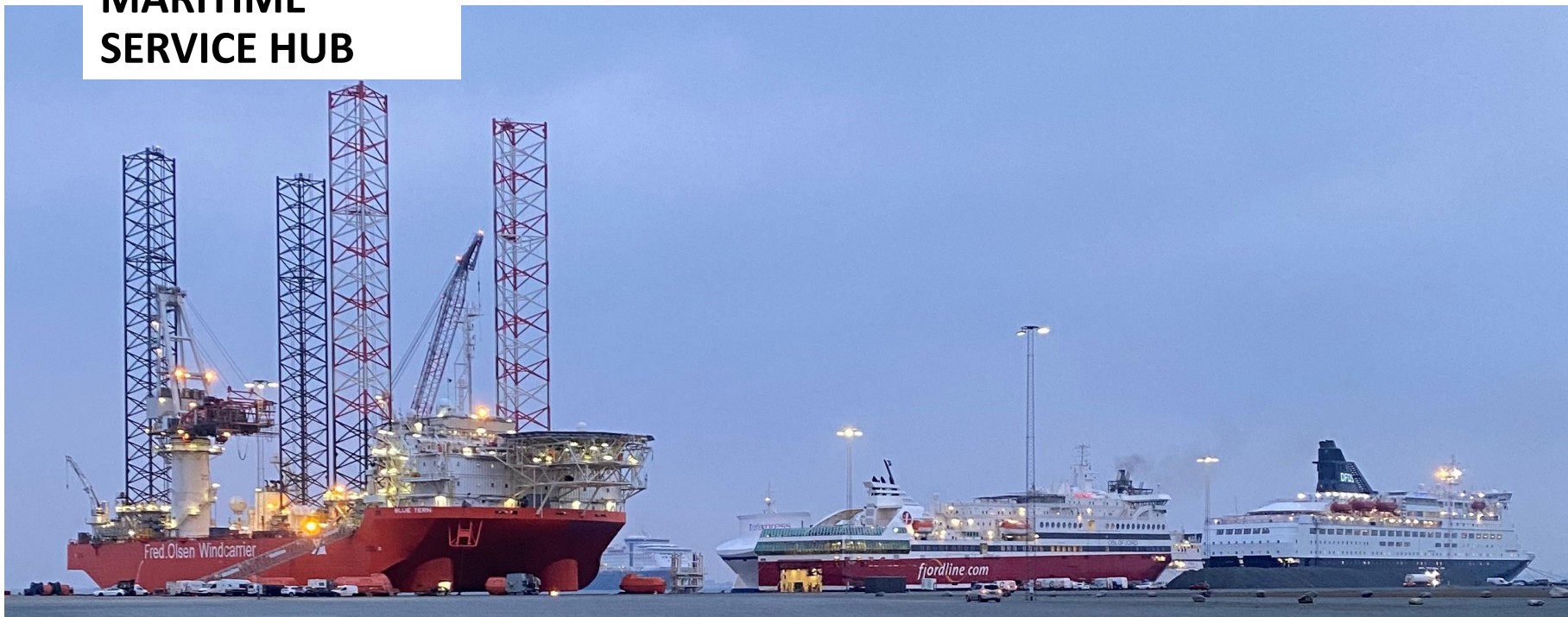


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STATE OF ART MARITIME SERVICE HUB



108 years of being On-Time

**MORE THAN 1,250
DOCKINGS PAST
DECADE**

FAYARD 





**PROPELLANTS:
METHANOL
LNG
HSF/SCRUBBER,
MGO
BATTERY ESS
SERVICED
FOR YEARS!**

FAYARD 



**UP TO 1,200T
LIFTING
CAPACITY**

FAYARD 



**HEAVY DUTY
PRECISION
LIFTING UP TO
1200T**

FAYARD 



**HEAVY DUTY
PRECISION
LIFTING UP TO
1200T**



**CONVERSIONS
THAT HELP YOU
GROW**



HIGH-CAPACITY DOCKS AND STORAGE AREAS



FAYARD 

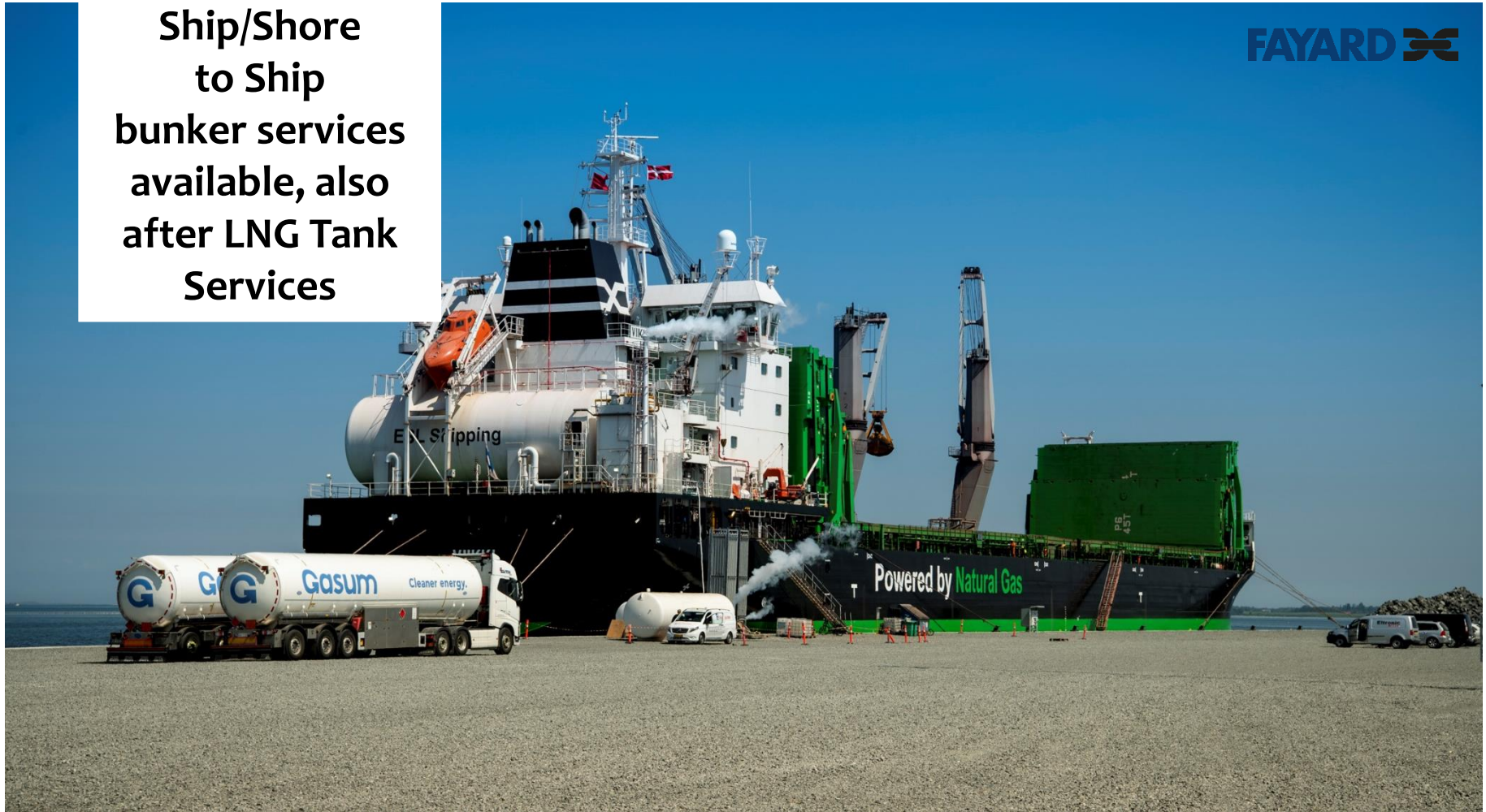
LARGEST DOCK
is 335m/435m
x 90m



**HIGH CAPACITY
FOR
SIMULTANIOUS
PROJECTS**



Ship/Shore
to Ship
bunker services
available, also
after LNG Tank
Services



**SAFE
ANCHORING
AREA
CLOSE TO
FAYARD**

FAYARD 

