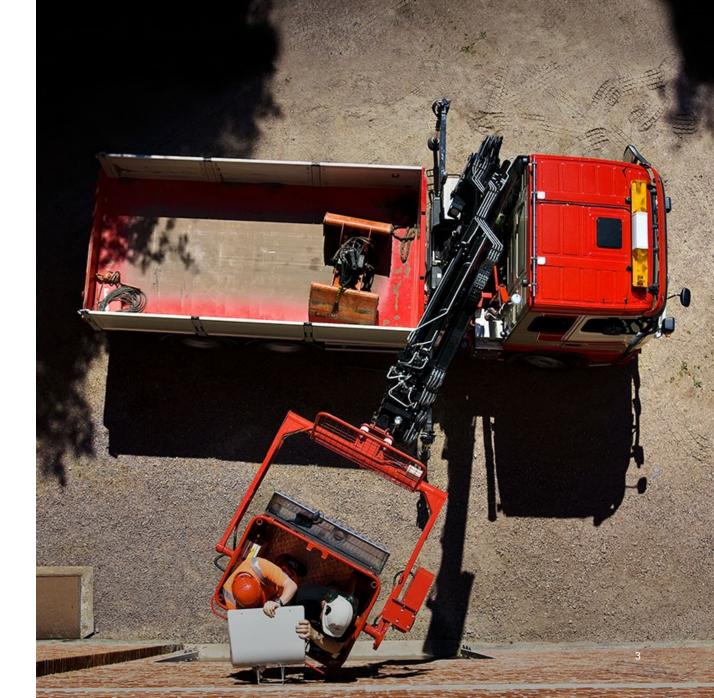


## Content

- 1. Cargotec in brief
- 2. Investment highlights
- 3. Kalmar
- 4. Hiab
- 5. MacGregor
- 6. Recent progress
- 7. Appendix





# **Cargotec** in brief





### Strong global player with well-balanced business

Sales:

EUR 3,304 million

**EBIT: 7.3%** 

#### Kalmar

Sales: **EUR 1,618 million** EBIT: **8.9%** (EUR 143.6 million)

#### Hiab

Sales: **EUR 1,149 million** 

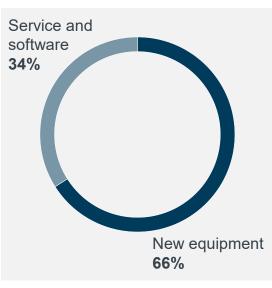
EBIT: 11.7% (EUR 134.5 million)

#### MacGregor

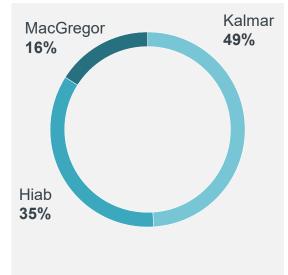
Sales: EUR 538 million

EBIT: -0.3% (EUR -1.6 million)

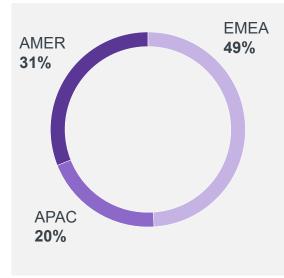
## Sales split: new equipment vs service and software



## Sales by business areas



## Sales by geographical area



#### Strengths we are building upon

Leading market positions in all segments

Strong brands

Loyal customers

Leading in technology



### **Key competitors**

Cargotec is a leading player in all of its business areas











**WHYSTER-YALE** 



LIEBHERR







Other

competitors



























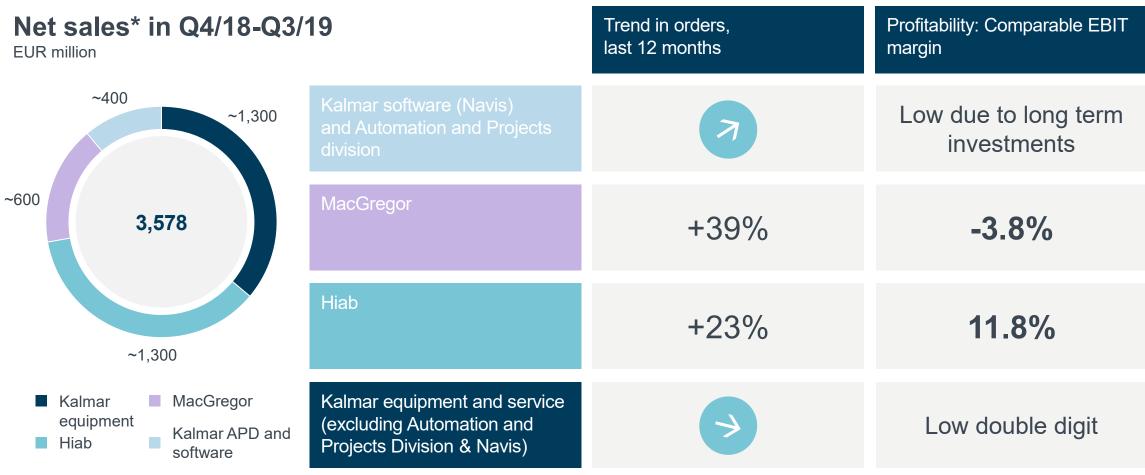








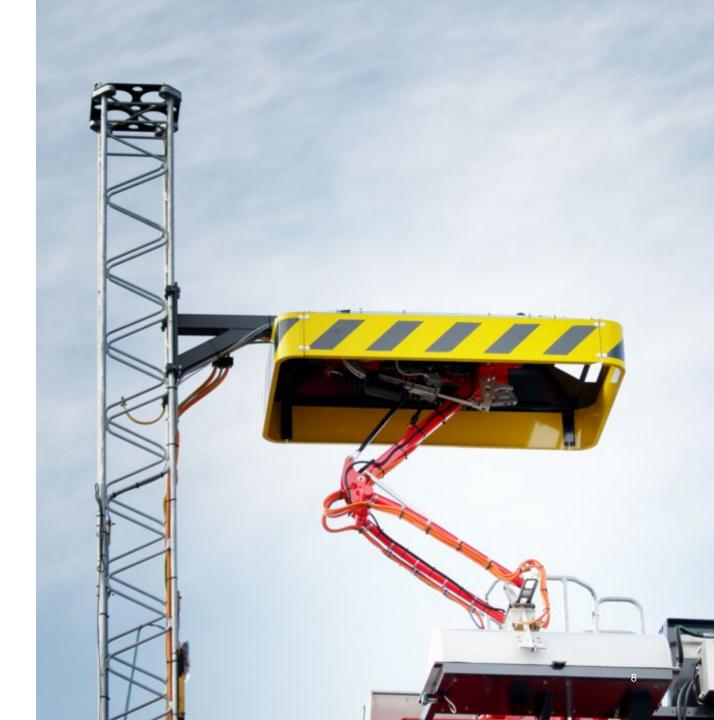
### Currently two businesses performing well





\* Figures rounded to closest 100 million

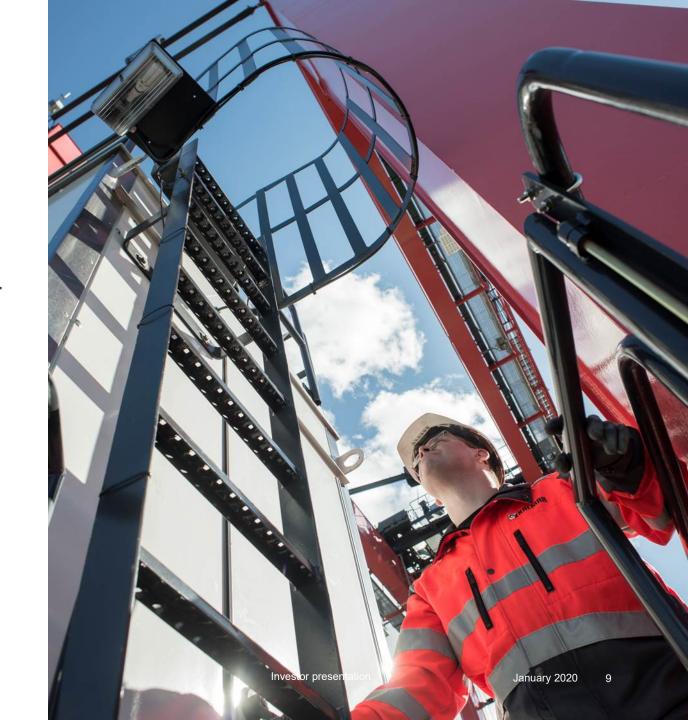
# Investment highlights





## **Investment highlights: Why invest in Cargotec?**

- 1. Technology leader and strong market positions, leading brands in markets with long term growth potential
- 2. Our vision is to become the global leader in intelligent cargo handling
- 3. Growing service & software business and asset-light business model are increasing stability
- 4. Capitalising global opportunities for future automation and software growth
- 5. On track for profitability improvement and to reach financial targets





## 1. Technology leader and strong market positions, leading brands in markets with long term growth potential

## Global megatrends

- Globalisation and trade growth
- Urbanisation
- Growing middle class

## Growth drivers

- Container throughput growth
- Construction activity
- Automation
- Digitalisation

## Competitive advantages

- Strong brands
- Full automation offering
- Technology leadership

## Market position

#1 or #2 in all major segments



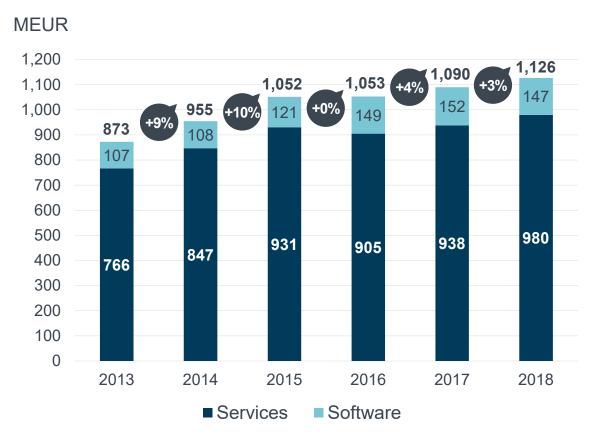
## 2. Our vision is to become the global leader in intelligent cargo handling

VISION	GLOBAL LEADER IN INTELLIGENT CARGO HANDLING	
	WIN THROUGH CUSTOMER CENTRICITY  We help our customers achieve their goals	ACCELERATE DIGITALISATION  We build and expand our digital solutions to offer
MUST-WIN BATTLES	by aligning our offering and way of working to serve them better.  ADVANCE IN SERVICES	a great customer experience and more efficient business processes.  PRODUCTIVITY FOR GROWTH
	We extend our offering towards intelligent solutions that enable us to serve our customers wide across their lifecycle.	We focus on activities that add value and benefit our customers and us by developing our business operations and common platforms.



## 3. Growing service & software business and asset-light business model are increasing stability

#### Service and software\* sales



### Asset-light business model with a flexible cost structure

- Kalmar and Hiab: efficient assembly operation
- MacGregor: efficient project management and engineering office: > 90% of manufacturing and 30% of design and engineering capacity outsourced
- No in-house component manufacturing

#### **Next steps to increase service and software sales:**

- Improve service offering through digital solutions
- Build on Navis position as industry leader
- Increase spare parts capture rates
- Boost service contract attachment rates



## 4. Capitalising global opportunities for future automation and software growth

### Industry trends support growth in port automation:

- Only 40 terminals (out of 1,200 terminals) are automated or semiautomated currently globally
- Ships are becoming bigger and the peak loads have become an issue
- Increasing focus on safety
- Customers require decreasing energy usage and zero emission ports
- Optimum efficiency, space utilization and reduction of costs are increasingly important
- Shortage and cost of trained and skilled labour pushes terminals to automation

### Significant possibility in port software:

- Container value chain is very inefficient: total value of waste and inefficiency estimated at ~EUR 17bn
- Over 50% of port software market is in-house, in long term internal solutions not competitive
- Navis has leading position in port ERP

### **Customers consider their automation decisions carefully**

- Shipping line consolidation
- Utilisation rates of the existing equipment base
- Container throughput volumes
- Efficiency of the automation solutions

#### **Automation creates significant cost savings\***

Labour costs	60% less labour costs
Total costs	24% less costs
Profit increase	125%



\* Change when manual terminal converted into an automated operation



## 5. Clear plan for profitability improvement and to reach financial targets

#### Growth

Target to grow faster than market

- Megatrends and strong market position supporting organic growth
- M&A potential

#### Service and software

Targeting service and software sales 40% of net sales, minimum EUR 1.5 billion in 3-5 years\*

#### **Balance sheet and dividend**

Target gearing < 50% and increasing dividend in the range of 30-50% of EPS, dividend paid twice a year

#### **Profitability**

Target 10% operating profit and 15% ROCE in 3-5 years\*

Higher service and software sales key driver for profitability improvement

#### Cost savings actions:

 2020 EUR 30 million (indirect purchasing and new Business Services operations)

Product re-design and improved project management

## Sales and comparable operating profit development





 Comparable operating profit margin

\*Target announced in September 2017



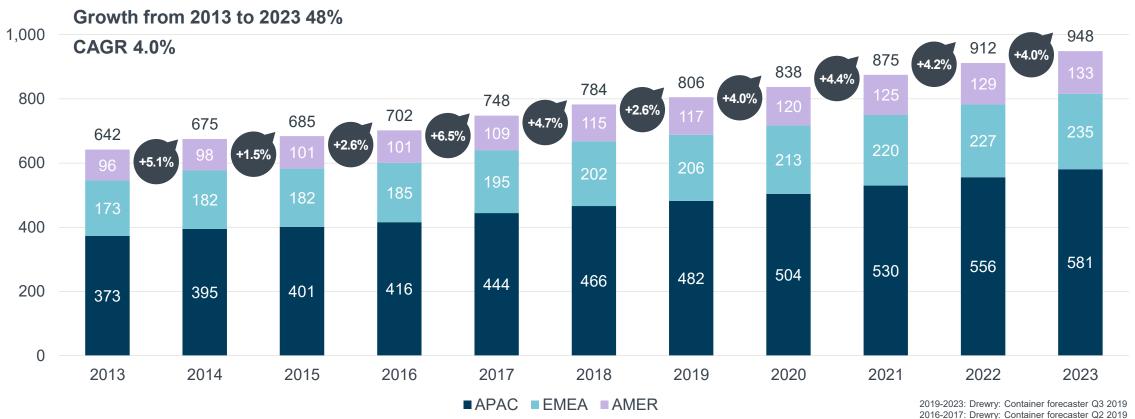
## Kalmar





### Container throughput still forecasted to grow year on year

**TEU** million

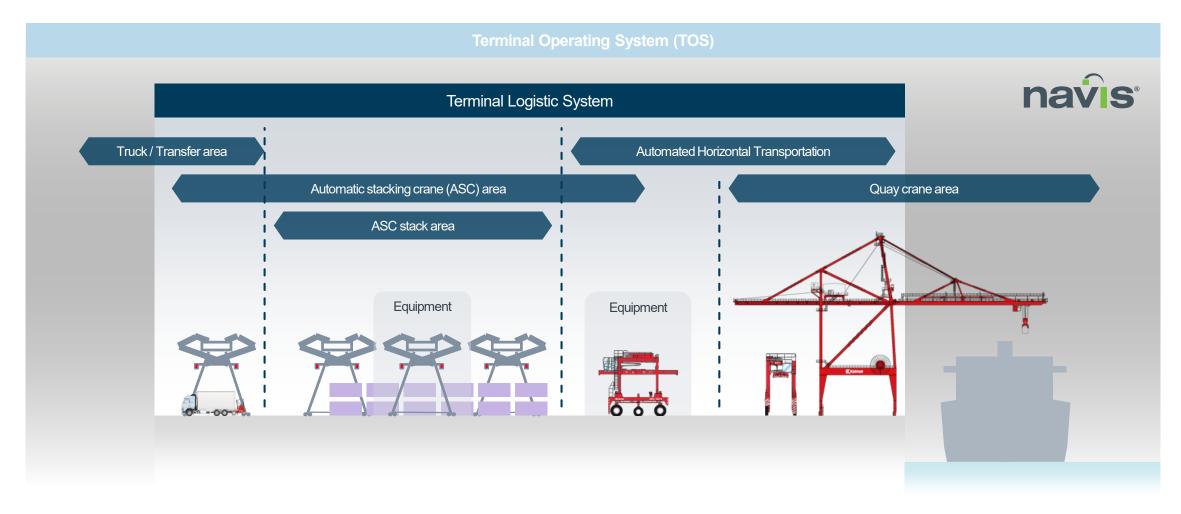




2015 Drewry: Container forecaster Q2 2018

2013-2014 Drewry Global Container Terminal Operators Annual Report 2013

#### Flexible and scalable Navis TOS software





Kalmar's operating environment



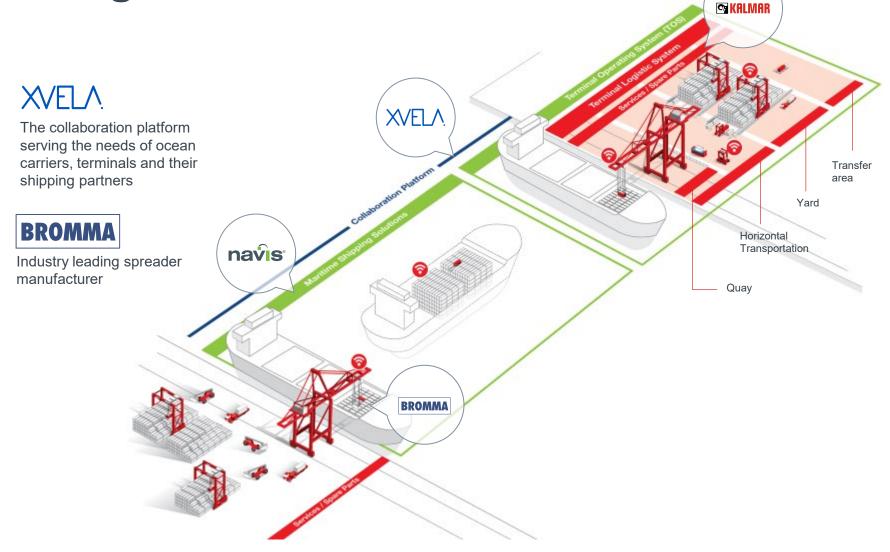
Provides integrated port automation solutions including software, services and a wide range of cargo handling equipment



TOS coordinates and optimises the planning and management of container and equipment moves in complex business environments.

Navis provides also maritime shipping solutions:

- Stowage planning
- Vessel monitoring
- Loading computer
- Route planning





## Services provide our biggest medium-term growth opportunity



Market share

Market

size

Equipment & Projects 20-30%

6B€



Software **20-30%** 



Services 3-5%

0.5-1B€

8B€



## Automation deals highlight our successful investments in automation

#### Kalmar and Navis to deliver world-first intermodal automation solution to Sydney, Australia

Greenfield intermodal terminal, Qube's Moorebank Logistics Park

First fully automated intermodal terminal in the world

Kalmar OneTerminal contract, including Navis N4 TOS

All equipment can be operated electrically on local solar power

Order value EUR 80 million, booked in Q2 2018

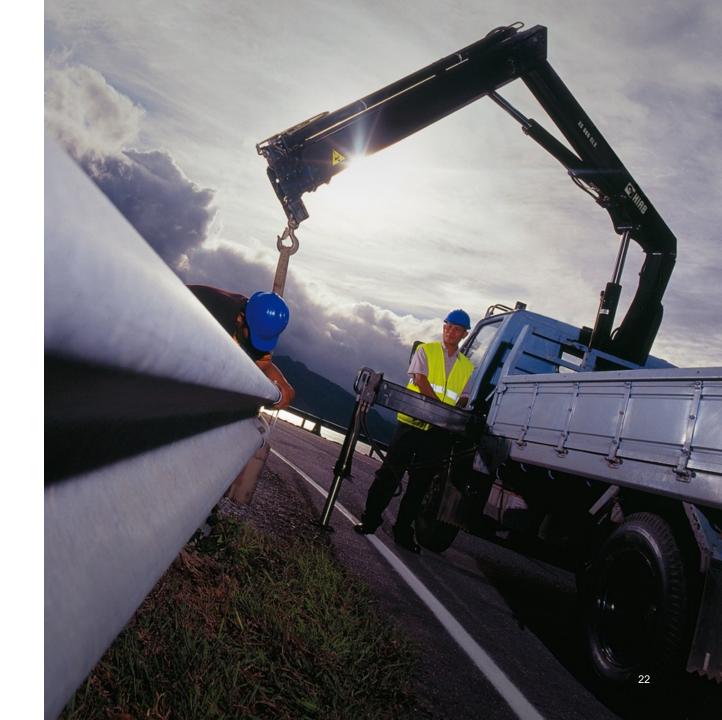
#### Fully digitalised and autonomous container handling solution with software and services to Yara

Solution enables autonomous, cost efficient and emission-free operations of the Yara Birkeland container ship in Norway



## Hiab

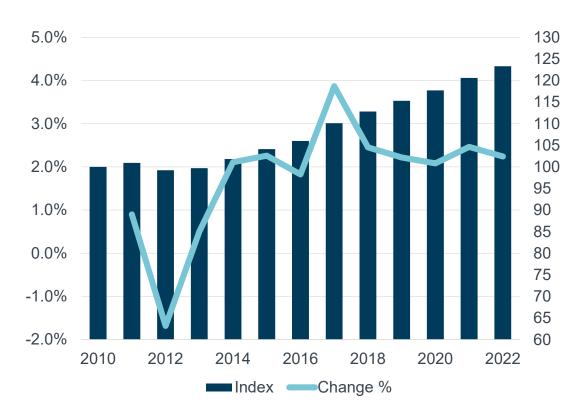




### Construction output driving growth opportunity

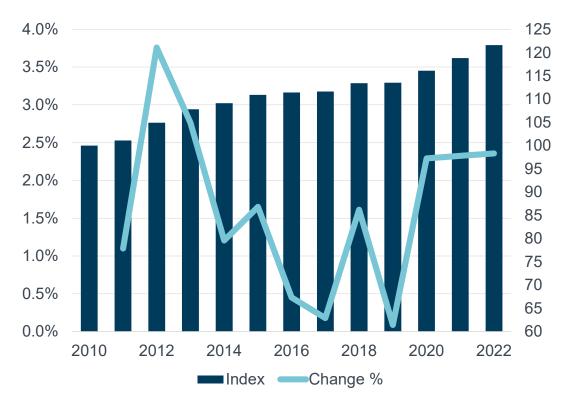
#### **EMEA** construction output

y/y change (%)



#### **AMER** construction output

y/y change (%)





22



## Strong global market position and customers across diverse industries



### **Industry segment** indicative sales mix 2018 Most important segments Construction and **Building Material Delivery Logistic** Waste & Recycling Timber, Paper & Pulp Defense Logistic Road & Rail Other



### Attractive megatrends and growth drivers

MEGA TRENDS

MARKET GROWTH

KEY SEGMENTS

PRODUCT OFFERING

SERVICE SOLUTIONS



- Urbanisation and Consumption growth driving needs for efficiency
- Digitalisation and Connectivity enabling new business solutions
- North America and main European markets continue to grow
- Developing markets strong load handling equipment penetration potential
- Construction, Waste & Recycling, Logistics and Governmental business segments show continued growth projection
- New applications market and segment growth potential
- Developing for increasing demand in Electrification and Automation
- Growing demand for comprehensive life-cycle service offerings and tailored business solutions



### Hiab's key growth drivers



**Cranes** 

Gain market share in big loader cranes and crane core markets



**Tail lifts** 

Enter fast growing emerging markets and standardise and globalise business model



**Truck-mounted forklifts** 

Accelerate penetration in North America and Europe

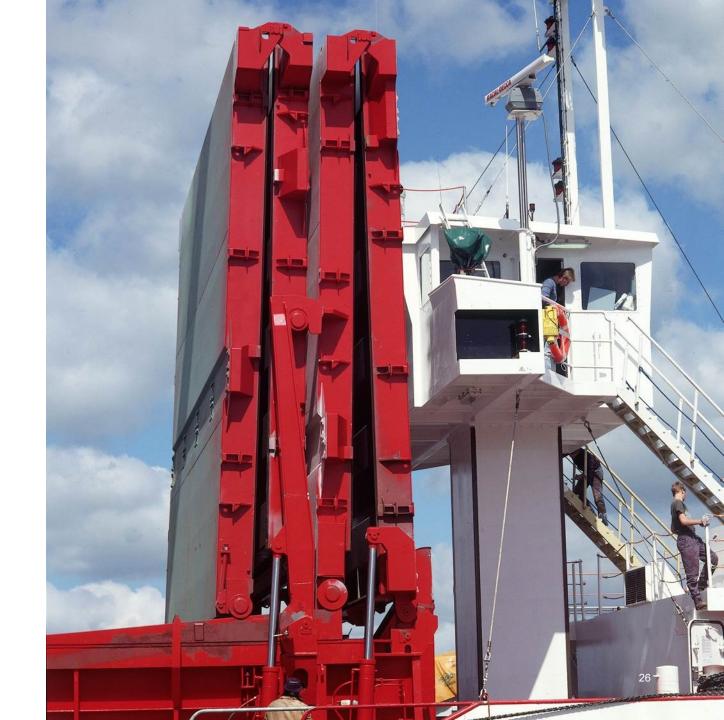


**Services** 

Increase spare parts capture rates driven by connectivity and e-commerce



## MacGregor





### We are an active leader in all maritime segments

~2/3 of sales ~1/3 of sales

Merchant
Cargo Flow
MARKET
POSITION
#1

Marine People Flow

#1

Naval Logistics and Operations

**#1-2** 

Offshore Energy

#1

Marine Resources & Structures

**#1-2** 

- Container cargo
- Bulk cargo
- General cargo
- Liquid cargo
- RoRo cargo

- Ferry
- Cruise
- Superyachts

- Naval & Military Supplies Logistics
- Naval & Military Operations Support
- Ship-to-ship transfer

- Oil & Gas
- Renewables

- Research
- Fishery
- Aquaculture
- Mining

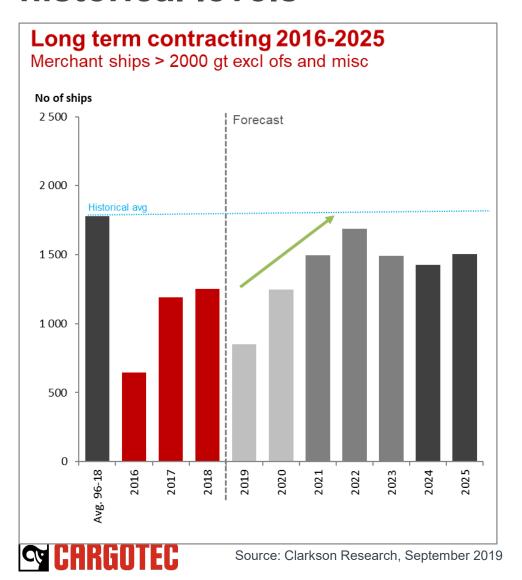
#### Lifecycle Services

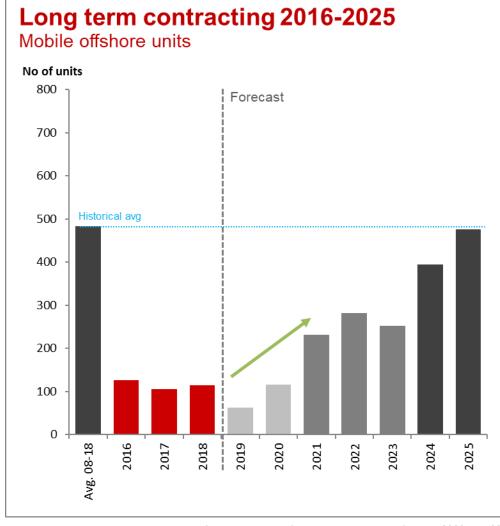




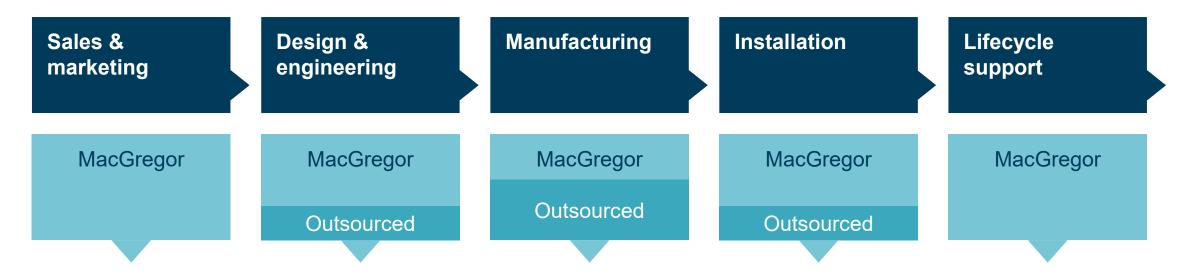


## Merchant Ships and Offshore contracting activity below historical levels





## MacGregor's asset-light business model gives flexibility



Cost-efficient scaling
90%\* of manufacturing outsourced
30%\* of design and engineering capacity outsourced

\* TTS business excluded



# Recent progress



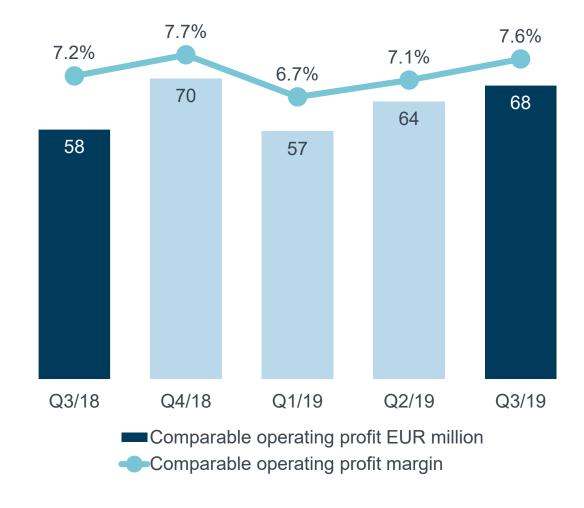


## Highlights of Q3 2019 – strong improvement in operating profit

Comparable operating profit up by 18% compared to Q3/18

- Kalmar's comparable operating profit increased by 24% compared to Q3/18
- Hiab's comparable operating profit up by 41%
- MacGregor's comparable operating profit was MEUR -5.8 million

TTS result has been consolidated into MacGregor's financial figures as of 1 August 2019





### TTS acquisition completed

#### **Strategic rationale**

Service growth potential

Strengthening MacGregor's position also in China

Based on revised estimates, potential cost synergies are estimated to be around EUR 25-30 million on annual level

## Overview of the acquired business

Employs ca. 600 people

Services 26% of revenues

Estimated 2019 sales EUR 50 million, comparable operating profit at breakeven

Closing balance sheet expected to be completed during Q4

Restructuring costs ca. EUR 40 million in 2019

#### Acquisition

Acquired businesses represent around 90% of total sales of the TTS Group

Announced enterprise value EUR 87 million

Acquisition was completed on 31 July 2019

TTS results have been consolidated into MacGregor's financial figures as of 1 August 2019



# Market environment 1-9/2019

## Growth in number of containers handled at ports continued

 Customers are starting automation projects mainly with phased investments

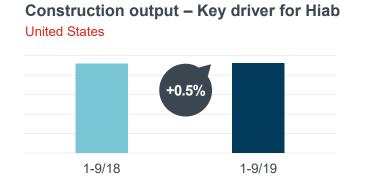
### Construction activity increased in Europe and grew slightly in the US

### In the merchant sector, the orders received remained at a low level

 In offshore, activity remained on a low level. Sales declined slightly

#### Global container throughput (MTEU) – Key driver for Kalmar

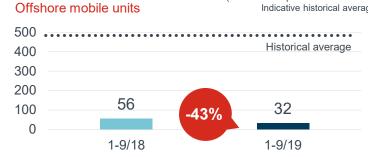






#### New building contracting - Key driver for MacGregor





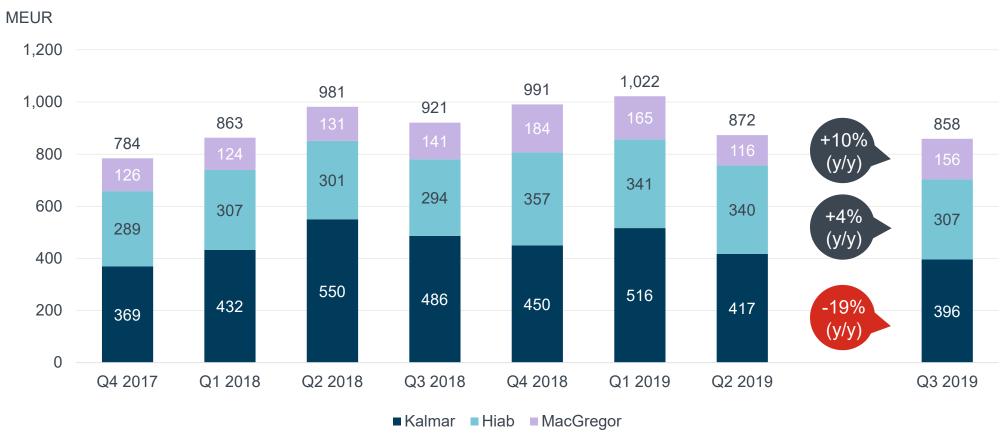


Source: Clarkson Research (number of ships and offshore units

Source: Drewry

### Orders received declined from the comparison period

#### Orders received

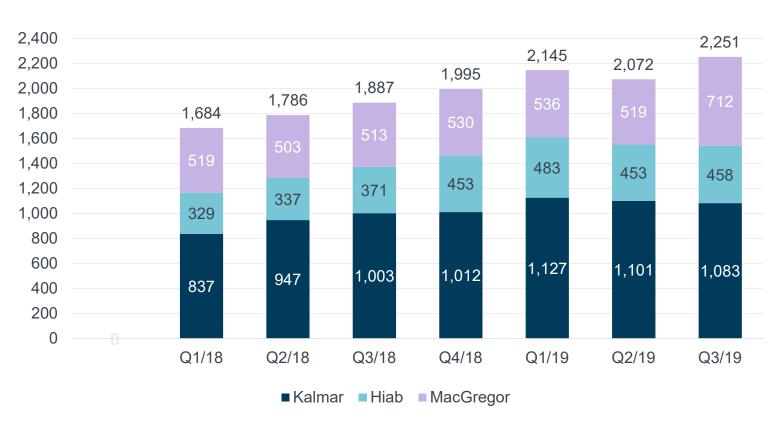




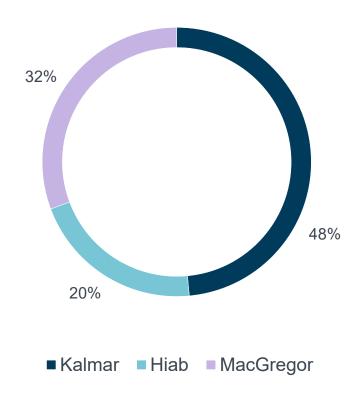
#### Order book increased

#### Order book

**MEUR** 



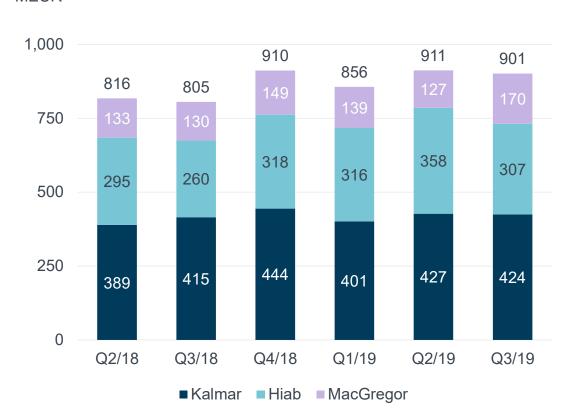
## Order book by reporting segment, Q3 2019





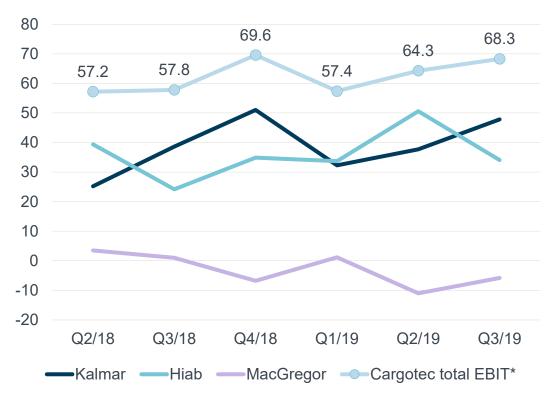
### Sales increased, comparable operating profit up by 18%





#### **Comparable operating profit**

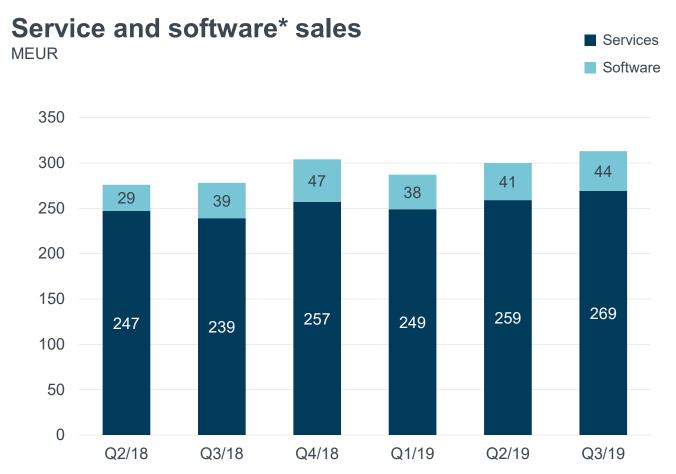
**MEUR** 



\*) Including Corporate admin and support



## Service and software sales increased



<sup>\*</sup>Software sales defined as strategic business unit Navis and automation software

#### Q3 2019 service sales

- Kalmar +4%
  - +3% in comparable FX and adjusted for divestments
- Hiab +14%
- MacGregor +27%
- Total service sales +7% in comparable FX and adjusted for acquisitions and divestments

Software sales +11%

Service and software sales constituted 34% of total sales in 1-9/19



# Kalmar Q3 – comparable operating profit increased

#### Orders received decreased

 Decline in automation solutions, projects and in mobile equipment

#### Sales increased

 Services growth +3% in comparable FX and adjusted for divestments

Profitability improvement driven by growth in sales and by a favourable mix

MEUR	Q3/19	Q3/18	Change
Orders received	396	486	-19%
Order book	1,083	1,003	+8%
Sales	424	415	+2%
Comparable operating profit	47.8	38.6	+24%
Comparable operating profit margin	11.3%	9.3%	+196bps





## Hiab Q3 – solid orders continued

Orders received grew by 4%

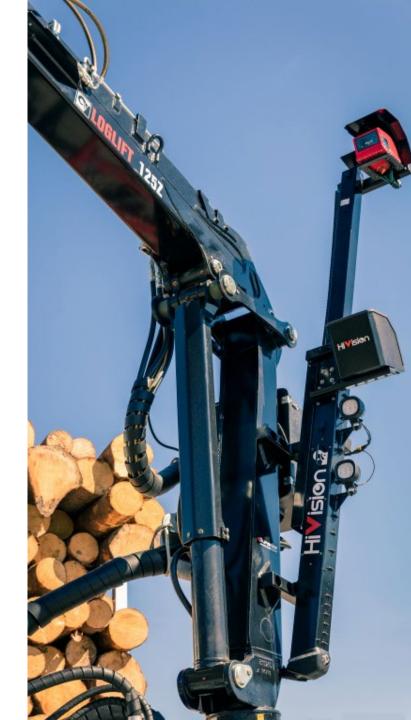
 Growth in the Americas (+27%), decline in EMEA (-7%)

Sales +18%

- Sales +12% excl. Effer acquisition
- Service sales +14%

Comparable operating profit increased due to growth in sales

MEUR	Q3/19	Q3/18	Change
Orders received	307	294	+4%
Order book	458	371	+23%
Sales	307	260	+18%
Comparable operating profit	34.1	24.2	+41%
Comparable operating profit margin	11.1%	9.3%	+179bps





# MacGregor Q3 – further productivity actions required

Orders received increased by 10%

 Decline in equipment orders, service orders +30%

Sales increased by 31%

- Sales growth excl. TTS 17%
- Service sales +27%, +9% excl. TTS

# Comparable operating profit declined

- Low capacity utilisation, lower sales margins, and cost overruns in certain offshore projects
- Productivity improvements are ongoing
- TTS consolidated since 1 August 2019

MEUR	Q3/19	Q3/18	Change
Orders received	156	141	+10%
Order book	712	513	+39%
Sales	170	130	31%
Comparable operating profit	-5.8	1.0	< -100%
Comparable operating profit margin	-3.4%	0.8%	-417bps





# **Key figures – profitability improved**

	7-9/19	7-9/18	Change	1-9/19	1-9/18	Change
Orders received, MEUR	858	921	-7%	2,752	2,766	0%
Order book, MEUR	2,251	1,887	+19%	2,251	1,887	+19%
Sales, MEUR	901	805	+12%	2,669	2,394	+11%
Comparable operating profit, MEUR	68.3	57.8	+18%	190.0	172.5	+10%
Comparable operating profit, %	7.6%	7.2%		7.1%	7.2%	
Items affecting comparability, MEUR	-10.5	-3.3	< -100%	-28.1	-43.4	+35%
Operating profit, MEUR	57.9	54.5	6%	162.0	129.1	+26%
Operating profit, %	6.4%	6.8%		6.1%	5.4%	
Net income, MEUR	29.7	37.9	-22%	89.7	73.9	+21%
Earnings per share, EUR	0.46	0.58	-21%	1.39	1.13	+23%
Earnings per share, EUR*	0.56	0.63	-11%	1.68	1.71	-2%



# Cash flow from operations improved

#### Cash flow from operations before financing items and taxes

**MEUR** 





# Strong financial position

Two bonds issued in Q3 in the aggregate amount of EUR 250 million

# Interest-bearing net debt EUR 927 million (31 Dec 2018: 625)

- Average interest rate\* 1.8% (2.4%)
- Net debt/EBITDA 2.8 (2.3)

# Net debt and gearing increased mainly due to IFRS 16

 Gearing without IFRS 16 approximately 52%

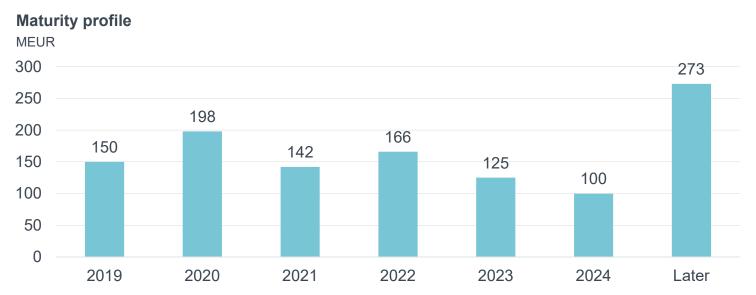
# Total shareholders' equity EUR 1,434 million (1,426)

Equity/total assets 36.0% (40.9%)

#### **Balanced maturity profile**

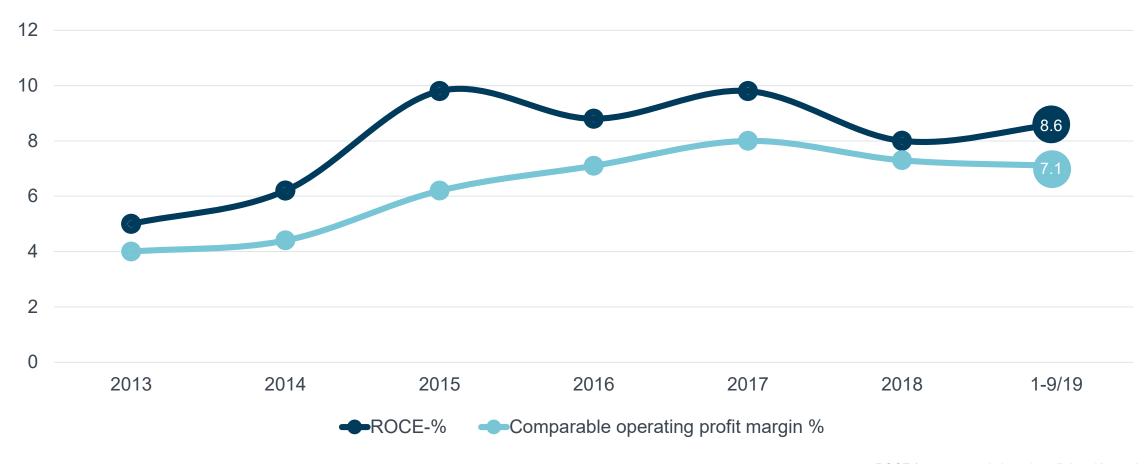
EUR 150 million loans maturing in 2019







# ROCE improvement driven by higher profitability





ROCE (return on capital employed), last 12 months

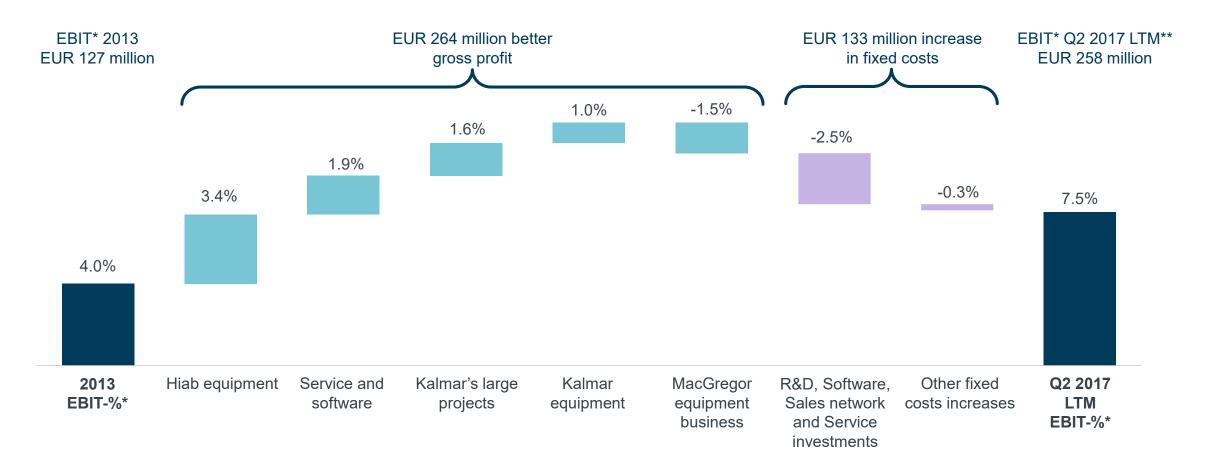


## **Outlook for 2019**

Cargotec reiterates its outlook published on 8 February 2019 and expects its comparable operating profit for 2019 to improve from 2018 (EUR 242.1 million).



# We have increased EBIT\* margins since 2013 through operational improvements





\*Excluding restructuring costs
\*\*LTM=Last 12 months (Q3/16-Q2/17)

# Group wide EUR 50 million cost savings programme proceeding faster than expected

#### **WHY**

- Investments in common systems as enabler
- EUR ~600 million addressable indirect cost base

#### **WHAT**

 Reductions in indirect purchasing spend (EUR 30 million), and more efficient support functions (EUR 20 million)

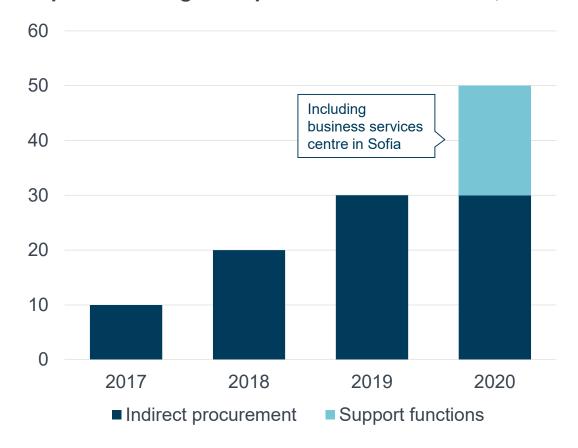
#### **HOW**

- Central procurement organization to drive indirect procurement cost and efficiency
- Establishing support function services in Sofia
- Automation in Finance, HR, information management and procurement

#### **RESULTS**

 EUR 30.7 million savings realised since the beginning of the programme in 2017

#### **Expected savings compared to 2016 cost level, MEUR**





# We have established Cargotec Business Services in Sofia to improve support function efficiency by EUR 20 million

- Savings from consolidation, outsourcing of certain activities, labour arbitrage and robotics
- Scope: Finance, Human Resources,
   Information Management and Indirect
   Procurement services primarily from Sofia,
   Bulgaria
- Good progress in establishing Cargotec Business Services
  - Cargotec Business Service (CBS) centre in Sofia,
     Bulgaria officially opened 30 January 2018

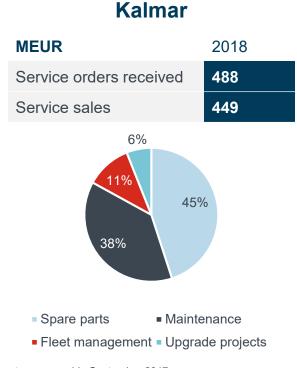




# Targeting EUR 1.5 billion service and software sales in 3-5 years\*

Cargotec service sales totalled EUR 980 million in 2018

- Spare parts the biggest category, around 46% of total service sales
- Maintenance around 31% of total service sales

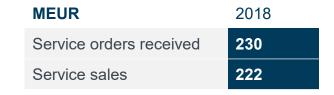


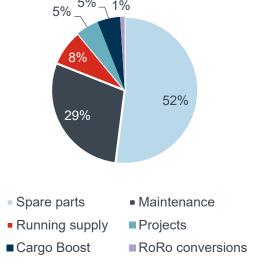
<sup>\*</sup> Target announced in September 2017



# MEUR Service orders received Service sales 312 Service sales 11% 5% 44% 23% Maintenance Installations Accessories Used equipment

#### MacGregor





# M&A strategy focusing on bolt-on acquisitions

#### Key acquisition criteria

- Contribution to 15% ROCE target
- Recurring business
- Increase the potential for services through larger installed base and increased presence
- Group gearing long term target of 50%

#### Interest-bearing net debt and gearing

**MEUR** 



#### M&A focus by business area:

#### Kalmar

Expand service footprint and software offering

#### Hiab

Expand geographical presence, service and product offering

#### **MacGregor**

Focus on distressed assets and software and intelligent technology



## M&A in 2017

#### **RAPP MARINE GROUP**

Strengthen MacGregor's offering for the fishery and research vessel segment

Sales

#### **EUR 40 million**

in 2017

Around 30% of sales from services

#### **ARGOS**

Hiab entrance to Brazilian loader crane market

Sales

#### **EUR 6 million**

in 2017

#### **INVER PORT SOLUTIONS**

Broaden Kalmar's existing service capabilities throughout Australia

Sales

**EUR 5 million** 

in 2017



# EFFER acquisition finalised in Q4 2018

#### Effer in brief

Global leader in the heavy cranes segment

2018 sales around EUR 97 million and operating profit EUR 5 million

Distribution network of over 100 dealers covering 60 countries globally

#### Strategic rationale

Effer complements Hiab's loader cranes portfolio and expands the offering in heavy cranes

Leverage Hiab's global service network to boost Effer service sales

Strenghthen Hiab's position in Effer's core market areas

#### **Transaction highlights**

Enterprise value EUR 50 million

Acquisition was closed on 6 November 2018



# TTS product portfolio

RoRo, Cruise & Navy

Container, Bulk & Tank Vessels

Multipurpose & General Cargo

**Offshore Vessels** 

**Services** 

















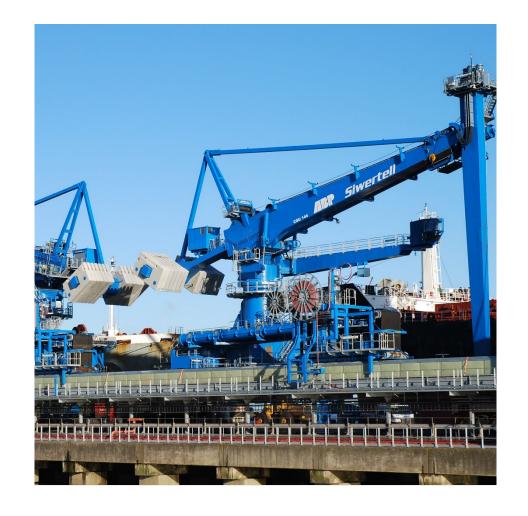


# Shaping the portfolio

Two divestments made during Q2/18

#### Divestments

- Siwertell and Kalmar Rough Terrain Center
- Both outside of Kalmar's core areas of container ports, heavy industry and distribution





# Our target is to reach 10% EBIT





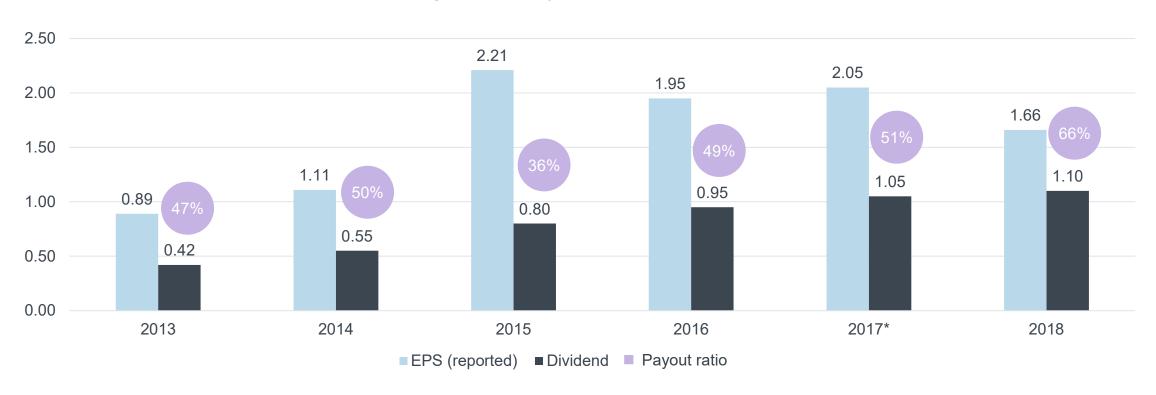
Target announced in September 2017, target to be reached in 3-5 years \*Comparable operating profit

# Steadily increasing dividend

#### **EUR 1.10 dividend per B share for 2018**

Dividend to be paid in two EUR 0.55 instalments

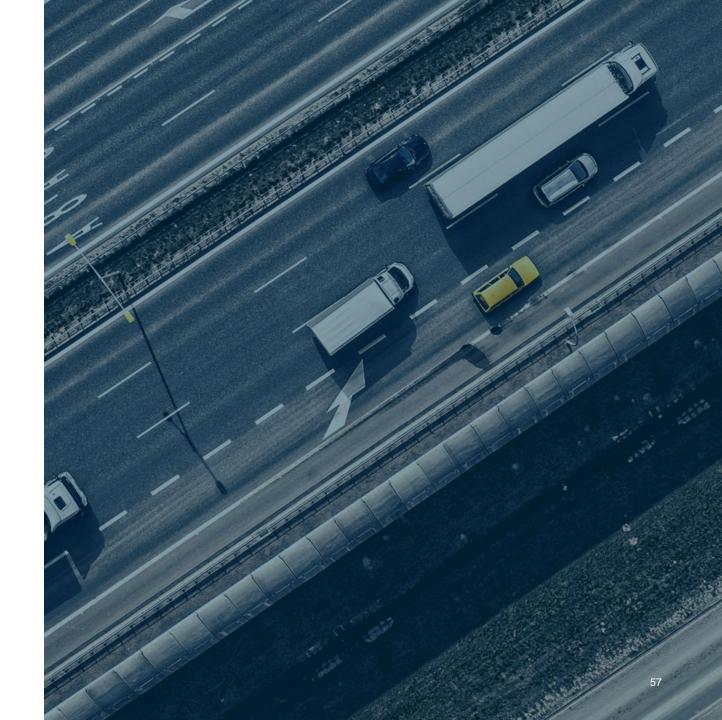
Calculated from EPS excl. restructuring costs, payout ratio for 2018 is 47%





# **Appendix**

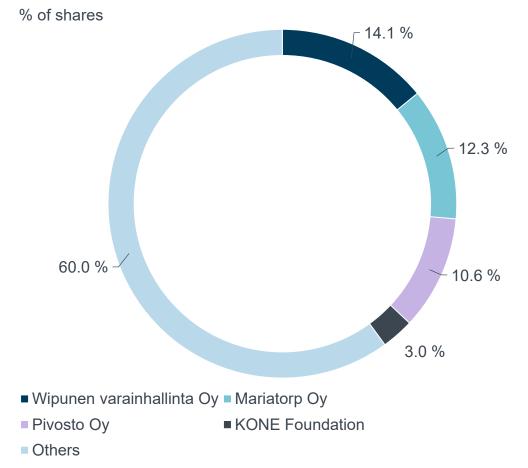
- 1. Largest shareholders and financials
- 2. Sustainability
- 3. Kalmar
- 4. Hiab
- 5. MacGregor





# Largest shareholders 31 December 2019

		% of shares	% of votes
1.	Wipunen varainhallinta Oy	14.1	23.7
2.	Mariatorp Oy	12.3	22.9
3.	Pivosto Oy	10.6	22.2
4.	KONE Foundation	3.0	5.5
5.	Ilmarinen Mutual Pension Insurance Company	2.2	1.0
6.	Varma Mutual Pension Insurance Company	1.8	0.8
7.	The State Pension Fund	1.2	0.5
8.	Elo Mutual Pension Insurance Company	0.8	0.3
9.	Mandatum Life Insurance Company Ltd.	0.8	0.3
10.	Herlin Heikki Juho Kustaa	0.6	0.3
Non hold	ninee registered and non-Finnish ders	27.0	
Tota	Il number of shareholders	24,532	





Wipunen varainhallinta Oy is a company controlled by Ilkka Herlin, Mariatorp Oy a company controlled by Niklas Herlin's estate and Pivosto Oy a company controlled by Ilona Herlin.

# **Examples of our wide equipment offering**





Reachstacker



Terminal tractor



Straddle carrier



Container handler



Automatic stacking crane





Loader crane



Hooklift, Skiploader



Truck-mounted forklift



Taillift





Hatch covers, container lashings



**MACGREGOR** 

Marine self-unloaders



Offshore load handling



Recycling and forestry cranes



Deck machinery



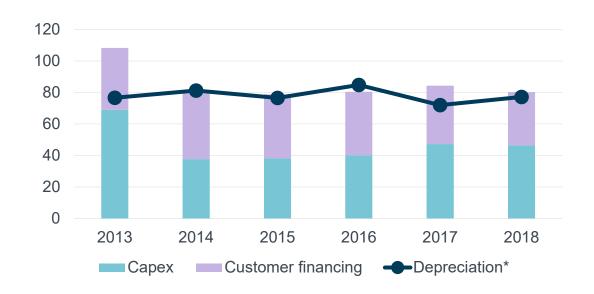
Mooring systems



Forklift truck

# Capex and R&D

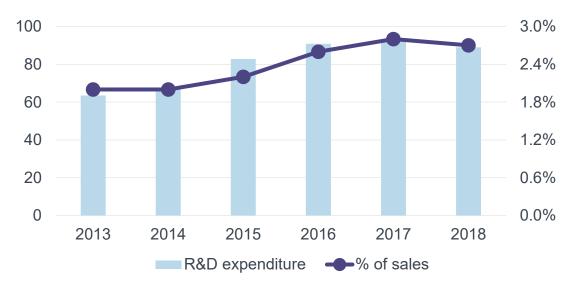
#### **Capital expenditure**



#### Main capex investments:

- Kalmar innovation centre in Ljungby, Sweden
- Investments in multi-assembly units in Kalmar and Hiab
- Intangible assets, such as global systems to improve efficiency in operational activities and support functions

#### **Research and development**



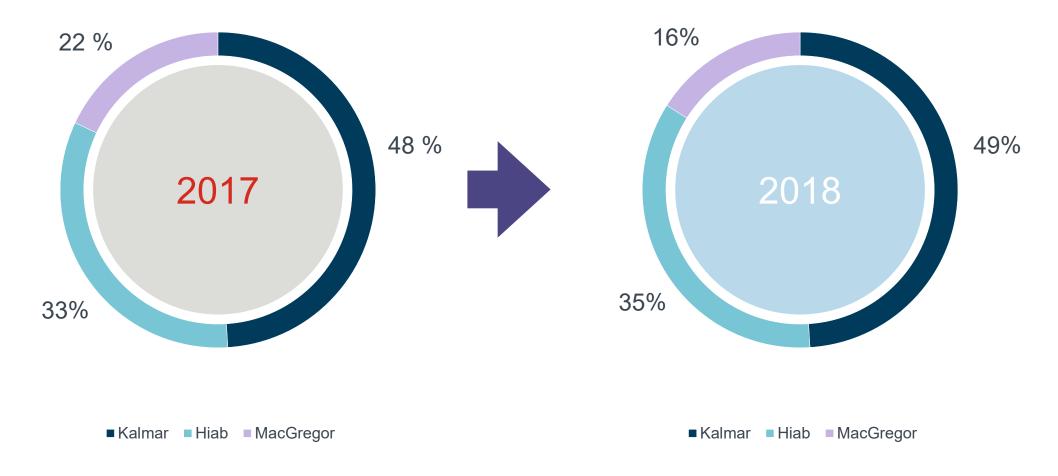
#### **R&D** investments focused on

- Digitalisation
- Competitiveness, cost efficiency and eco-efficiency of products

\*) Including amortisations and impairments

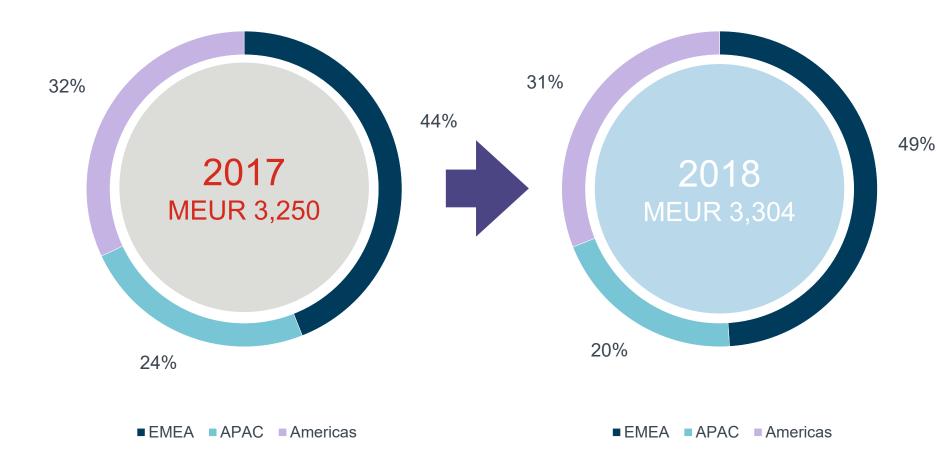


# Hiab's share increasing in sales mix





# Well diversified geographical sales mix

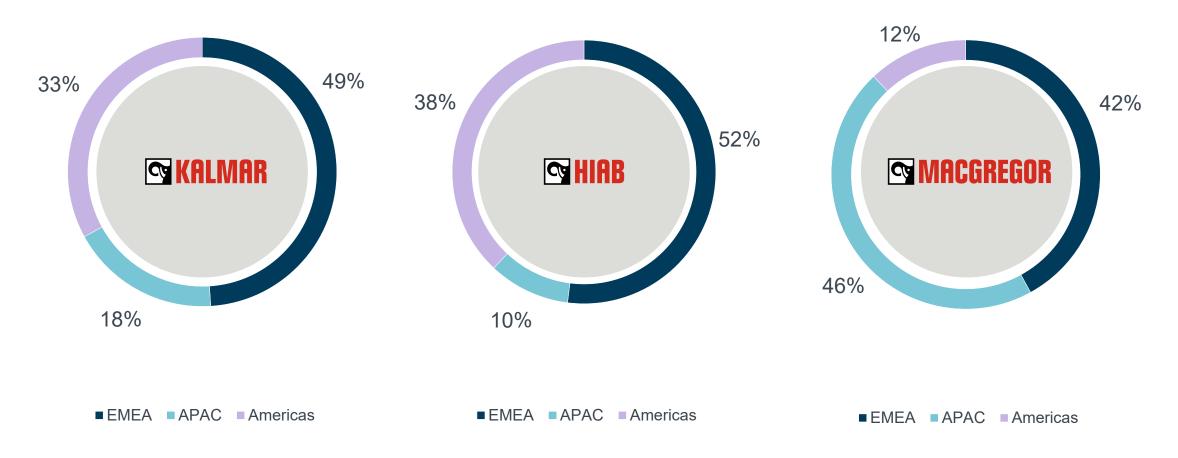


	Top-10 countries according to sales*			
1.	United States	27		
2.	Finland	12		
3.	Sweden	11		
4.	Germany	7		
5.	Norway	6		
6.	United Kingdom	4		
7.	Singapore	4		
8.	France	3		
9.	Netherlands	3		
10.	China	3		

\* 2018



# Sales by geographical segment by business area 2018





## Cargotec's R&D and assembly sites



#### **EMEA**

- Arendal, Norway (MacGregor R&D)
- Argelato, Italy (Hiab/Effer)
- Averøy, Norway (Macgregor prod + R&D)
- Kristiansand, Norway (MacGregor R&D)
- Dundalk, Ireland (Hiab prod. + R&D)
- Witney, UK (Hiab prod.)
- Whitstable, UK (MacGregor prod.)
- Zaragoza, Spain (Hiab prod.)
- Uetersen, Germany (MacGregor prod. + WS + R&D)
- Schwerin, Germany (MacGregor prod.)
- Stargard Szczecinski, Poland (Kalmar + Hiab prod.)
- Bispgården, Sweden (Hiab prod.)
- Örnsköldsvik, Sweden (MacGregor WS + WH + R&D)
- Hudiksvall, Sweden (Hiab R&D)
- Kaarina, Finland (MacGregor R&D)
- Minerbio, Italy (Hiab/Effer)
- Raisio, Finland (Hiab prod.)
- Statte, Italy (Hiab/Effer)
- Tampere, Finland (Kalmar WS + R&D)
- Ljungby, Sweden (Kalmar R&D)

#### **APAC**

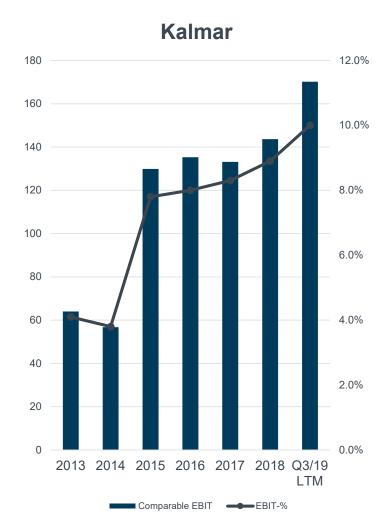
- Chungbuk, South Korea (Hiab prod.)
- Bangalore, India (Kalmar prod. + R&D)
- Chennai, India (Navis–Kalmar R&D)
- Ipoh, Malaysia (Bromma prod.)
- Shanghai, China (Kalmar prod. + WH)
- Busan, South Korea (MacGregor prod.)
- Singapore, (R&D)

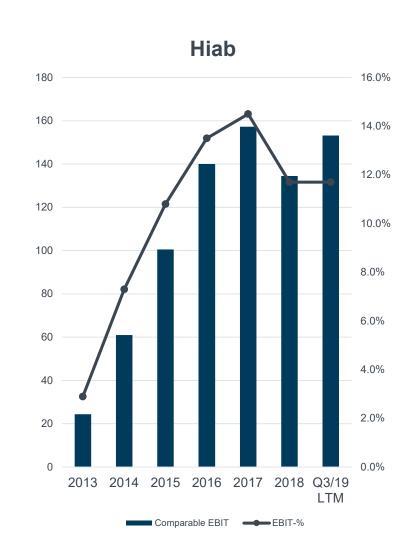
#### **Americas**

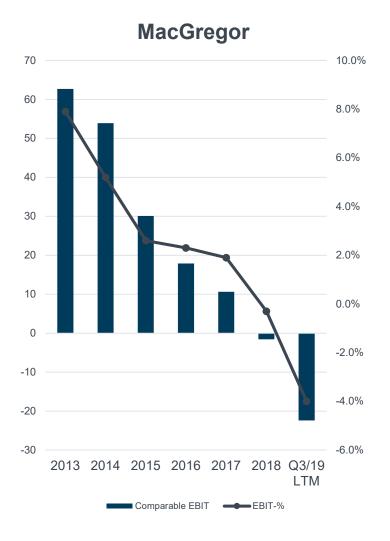
- Ottawa, Kansas (Kalmar prod.)
- Oakland, California (Kalmar R&D)
- Tallmadge, Ohio (Hiab prod.)



# Comparable operating profit development

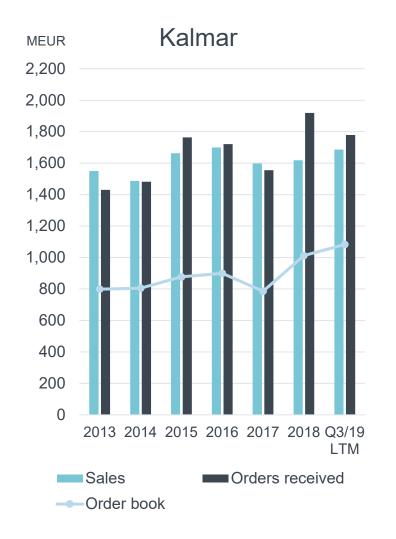


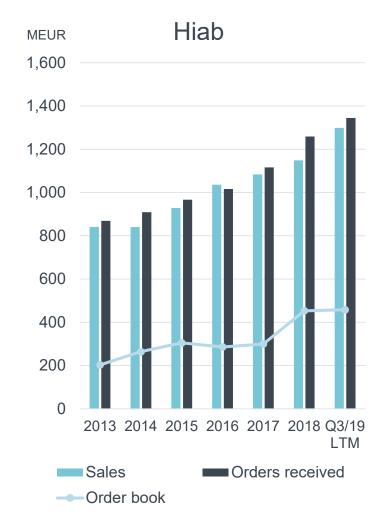


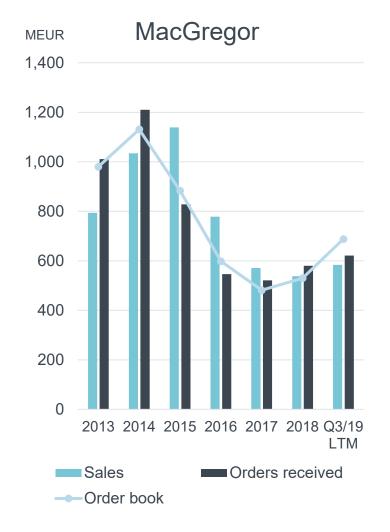




## Sales and orders received development



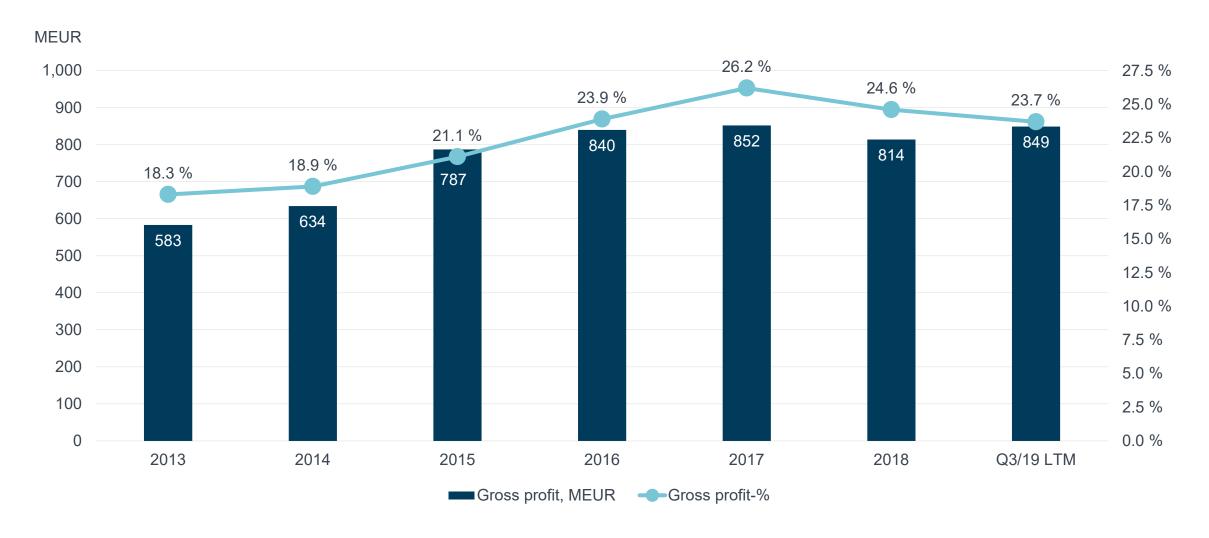






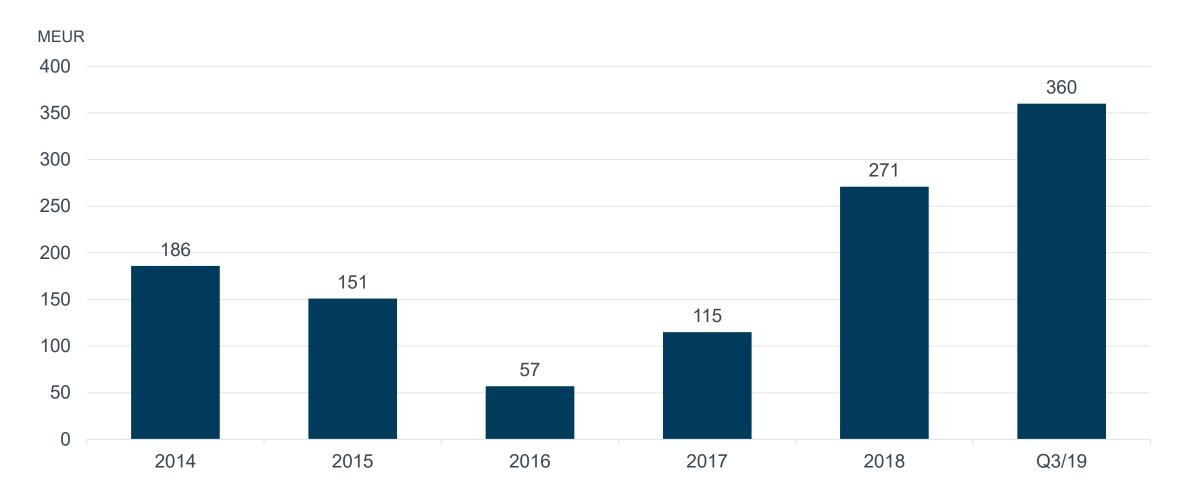
LTM = Last 12 months

# **Gross profit development**



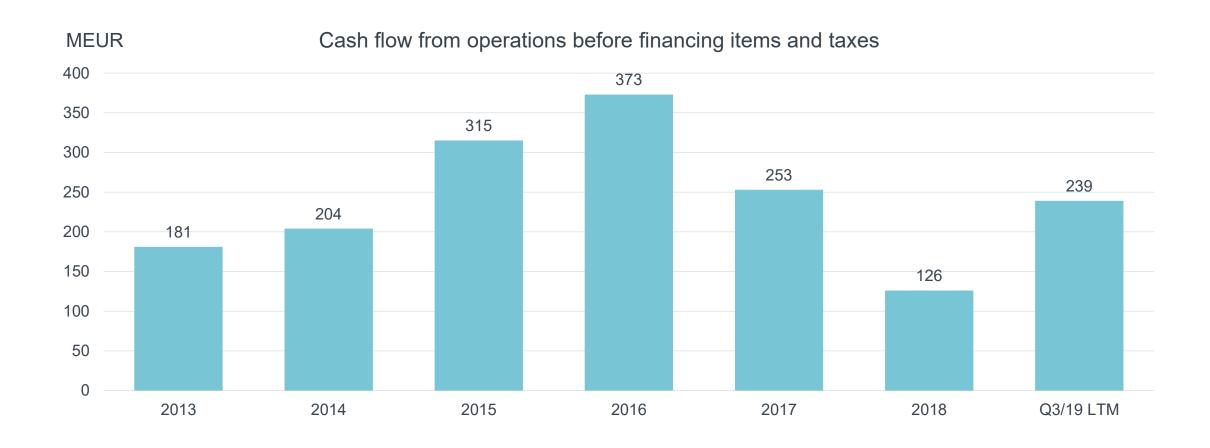


# Net working capital increased due to higher inventories and accounts receivable





# Cash flow from operations development





## **Income statement Q3 2019**

MEUR	Q3/19	Q3/18	Q1-Q3/19	Q1-Q3/18	2018
Sales	901.3	804.6	2,668.6	2,393.7	3,303.5
Cost of goods sold	-691.1	-607.8	-2,035.2	-1,795.3	-2,489.3
Gross profit	210.2	196.7	633.4	598.4	814.2
Gross profit, %	23.3%	24.4%	23.7%	25.0%	24.6%
Other operating income	8.4	8.6	24.8	30.1	44.8
Selling and marketing expenses	-56.5	-57.9	-175.8	-173.3	-234.4
Research and development expenses	-23.7	-22.2	-75.2	-70.5	-94.7
Administration expenses	-61.8	-60.3	-193.2	-188.6	-252.9
Restructuring costs	-10.0	-2.6	-26.6	-41.3	-53.8
Other operating expenses	-7.7	-8.7	-23.3	-26.3	-35.4
Costs and expenses	-151.3	-143.1	-469.4	-469.9	-626.5
Share of associated companies' and joint ventures' net income	-1.0	0.9	-2.1	0.6	2.3
Operating profit	57.9	54.5	162.0	129.1	190.0
Operating profit, %	6.4%	6.8%	6.1%	5.4%	5.8%
Financing income and expenses	-7.9	-7.6	-24.3	-20.1	-28.9
Income before taxes	50.0	47.0	137.7	108.9	161.1
Income before taxes, %	5.6%	5.8%	5.2%	4.6%	4.9%
Income taxes	-20.3	-9.0	-48.0	-35.0	-53.1
Net income for the period	29.7	37.9	89.7	73.9	108.0
Net income for the period, %	3.3%	4.7%	3.4%	3.1%	3.3%
Net income for the period attributable to:					
Equity holders of the parent	29.7	37.6	89.6	73.0	107.0
Non-controlling interest	0.0	0.4	0.1	0.9	1.1
Total	29.7	37.9	89.7	73.9	108.0
Earnings per share for profit attributable to the equity holders of the parent:					
Earnings per share, EUR	0.46	0.58	1.39	1.13	1.66
Diluted earnings per share, EUR	0.46	0.58	1.39	1.13	1.65



# **Balance sheet 30 September 2019**

ASSETS, MEUR	30 Sep 2019	30 Sep 2018	31 Dec 2018	Equity attributable to the equity holders of the parent	30 Sep 2019	30 Sep 2018	31 Dec 2018
Non-current assets	1 0 4 1 0	956.7	970.9	Share capital	64.3	64.3	64.3
Goodwill Other intensible accets	1,041.9 299.1	251.0	278.6	Share premium account	98.0	98.0	98.0
Other intangible assets				Translation differences	-24.4	-39.2	-44.2
Property, plant and equipment	471.0 112.6	306.8 96.8	308.7	Fair value reserves	-20.4	-8.1	-13.5
Investments in associated companies and joint ventures	0.3	0.3	99.8	Reserve for invested non-restricted equity	57.4	69.0	58.5
Share investments			0.3	Retained earnings	1,258.8	1,224.6	1,262.5
Loans receivable and other interest-bearing assets*	28.2	36.6	36.0	Total equity attributable to the equity holders of the parent	1,433.6	1,408.5	1,425.6
Deferred tax assets	128.1	149.1	137.3				
Other non-interest-bearing assets	9.9	10.0	9.5	Non-controlling interest	2.8	2.9	3.0
Total non-current assets	2,091.2	1,807.3	1,841.1	Total equity	1,436.5	1,411.4	1,428.5
				Total equity	1,400.0	1,411.4	1,420.0
Current assets	0040	200.0	000.0	N a P I Wa			
Inventories	834.0	699.0	688.8				
Loans receivable and other interest-bearing assets*	1.2	2.5	1.8	Interest-bearing liabilities*	967.5	585.6	717.1
Income tax receivables	41.1	66.5	56.0	Deferred tax liabilities	33.5	17.7	28.1
Derivative assets	10.9	16.9	17.4	Pension obligations	93.5	87.2	92.3
Accounts receivable and other non-interest-bearing assets	878.1	768.7	822.5	Provisions	7.8	14.9	10.7
Cash and cash equivalents*	388.2	189.3	256.3	Other non-interest-bearing liabilities	64.5	57.5	58.6
Total current assets	2,153.5	1,742.9	1,842.8	Total non-current liabilities	1,166.8	763.0	906.8
Total assets	4,244.6	3,550.3	3,683.9	Current liabilities			
				Current portion of interest-bearing liabilities*	230.2	166.9	168.4
				Other interest-bearing liabilities*	146.8	124.7	44.5
				Provisions	92.7	87.4	86.7
				Advances received**	258.4	168.4	190.3
				Income tax payables	16.9	42.9	39.6
				Derivative liabilities	22.6	9.3	5.8
					873.8	776.3	813.5
				Accounts payable and other non-interest-bearing liabilities**			
				Total current liabilities	1,641.4	1,375.9	1,348.6
				Total equity and liabilities	4,244.6	3,550.3	3,683.9



71

## Cash flow statement Q3 2019

MEUR	Q1-Q3/19	Q1-Q3/18	2018
Net cash flow from operating activities	89.7	73.9	108.0
Net income for the period	90.2	73.9 57.6	77.2
Depreciation, amortisation and impairment			
Other adjustments	73.9	73.0	99.2
Change in net working capital	-100.7	-164.7	-158.7
Cash flow from operations before financing items and taxes	153.1	39.8	125.8
Cash flow from financing items and taxes	-69.2	-83.8	-85.6
Net cash flow from operating activities	83.8	-44.0	40.2
Net cash flow from investing activities			
Acquisitions of businesses, net of cash acquired	-107.0	-20.2	-70.7
Disposals of businesses, net of cash sold	-	-15.8	-15.5
Investments in associated companies and joint ventures	-	-0.5	-0.5
Cash flow from investing activities, other items	-30.6	-48.2	-50.6
Net cash flow from investing activities	-137.5	-84.8	-137.3
Net cash flow from financing activities			
Treasury shares acquired	-2.2	-6.1	-9.4
Repayments of lease liabilities	-32.0	-1.0	-1.3
Proceeds from long-term borrowings	298.2	50.0	199.5
Repayments of long-term borrowings	-151.8	-66.6	-83.7
Proceeds from short-term borrowings	270.1	96.2	3.4
Repayments of short-term borrowings	-145.0	-3.0	-2.6
Profit distribution	-35.6	-65.8	-68.0
Net cash flow from financing activities	201.6	3.6	37.7
Change in cash and cash equivalents	147.9	-125.2	-59.3
Cash and cash equivalents, and bank overdrafts at the beginning of period	225.5	284.7	284.7
Effect of exchange rate changes	7.0	1.0	0.1
Cash and cash equivalents, and bank overdrafts at the end of period	380.3	160.5	225.5
Cash and cash equivalents, and sam overalants at the old of period	003.0	100.0	220.0
Bank overdrafts at the end of period	7.8	28.8	30.8
Cash and cash equivalents at the end of period	388.2	189.3	256.3



72

### Sustainability



## Sustainability is a great business opportunity

We serve an industry, which produces the majority of emissions as well as GDP in the world

- Inefficient industry with potential to improve

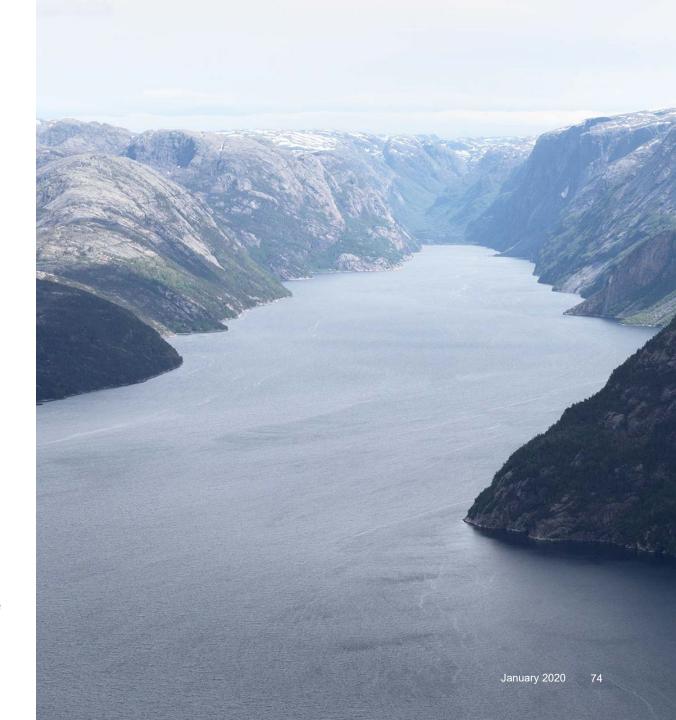
**Our vision** to be the leader in intelligent cargo handling also drives sustainability

- Increasing efficiency and life-time solutions

We are in a position to be the global frontrunner, setting the sustainability standards for the whole industry

- We are ready to shape the industry to one that is more sustainable







## Sea Freight Transport is by far the most sustainable transport mode in terms of emissions

Compared to transportation of goods

- → by trains, sea freight emits~2-3 times less emissions
- → by trucks, sea freight emits~3-4 times less emissions
- by air cargo, sea freight emits~14 times less emissions



#### Sustainability is our competitive advantage

#### Sales account for around 21% of the total revenue in 2018:

Significant R&D and digitalisation investments drive the growth of offering for eco-efficiency

Systems efficiency

Efficiency for environmental industries

Emission efficiency

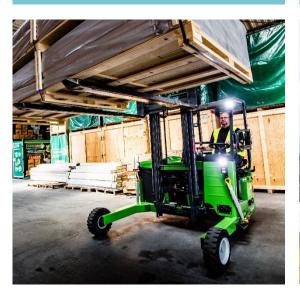
Resources efficiency



- Visibility to identify inefficient use of resources and fuel
- Software and design system



- Offering to support the operations in environmental industries
- Cargotec solutions for environmental industries



- Technology to enable fuel and emission efficient offering
- Products with features to decrease fuel usage and avoidance of maritime hydraulic oil emissions



- Service enabling the extended usage of products or new applications
- Product conversions and modernisations



## Key to more sustainable cargo handling business is solution development



Waste in cargo handling business due to inefficiencies ~17 billion euros



~2.5 mil barrels (1.8 mil CO2 equivalent tonnes) of fuel savings enabled by Cargotec port equipment solutions during past 6 to 10 years



~31 900 CO2 eqv. tonnes

of emissions from Cargotec factories annually





# Cargotec sustainability managed with clear policies, processes and KPIs on varying areas

- Cargotec is a supporter of UN Global Compact and other major international sustainability initiatives
- We have a clear governance on sustainability issues with Board of Directors overview on the subject
- Safety is our key priority and we have clear improvement program to further decrease our current IIFR rate of 6.7
- Focus on climate change and human rights risks in 2019













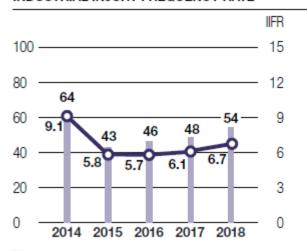
#### Performance highlights 2018

Permanent Code of Conduct panel and case investigation process 72% of all employees have conducted the code of conduct e-learning tool

All strategic suppliers were taken into the sustainability self-assessment tool process

Supplier code of conduct sent to all strategic suppliers

#### INDUSTRIAL INJURY FREQUENCY RATE\*



- Number of lost time injuries
- Cargotec IIFR\*\*
  - \* Cargotec assembly sites
  - \*\* Number of injuries per million hours worked

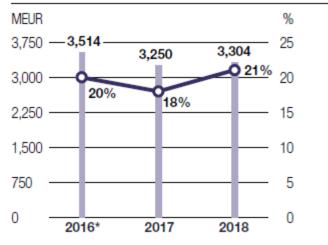
30% of the electricity used by Cargotec is generated from renewable energy sources

Offering for eco-efficiency 21% of total sales

17 products were added to our Offering for ecoefficiency portfolio

A renewed human rights risk assessment was conducted on Cargotec operations

#### OFFERING FOR ECO-EFFICIENCY



- Total sales
- Offering for eco-efficiency, % of sales
  - \*The 2016 share of sales is a company estimate and the figure has not been audited

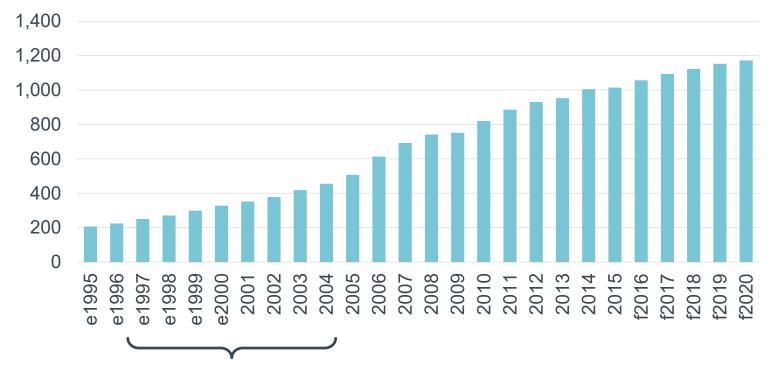


### Kalmar appendix



# The current replacement market size for key terminal equipment is EUR 1 billion annually and the market is expected to double in the next decade

#### **Total Capacity MTEU**



The replacement market will grow in coming years, as the container terminal capacity has expanded significantly during the last two decades.

### Average lifetime of type of equipment:

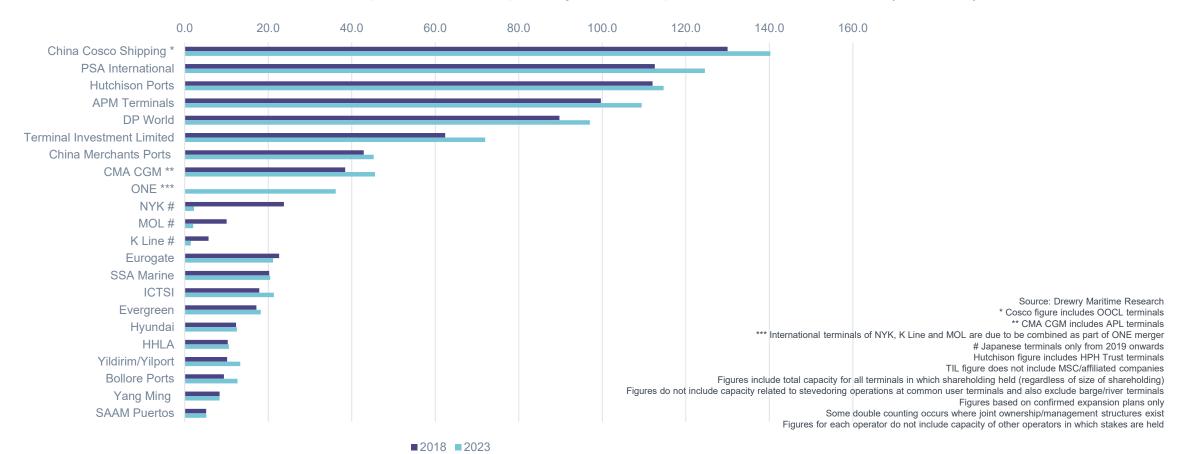
- STS 25 yrs
- RTG -15 yrs
- SC 8-10 yrs
- RS/ECH/TT 8 yrs

Replacement after lifetime of equipment



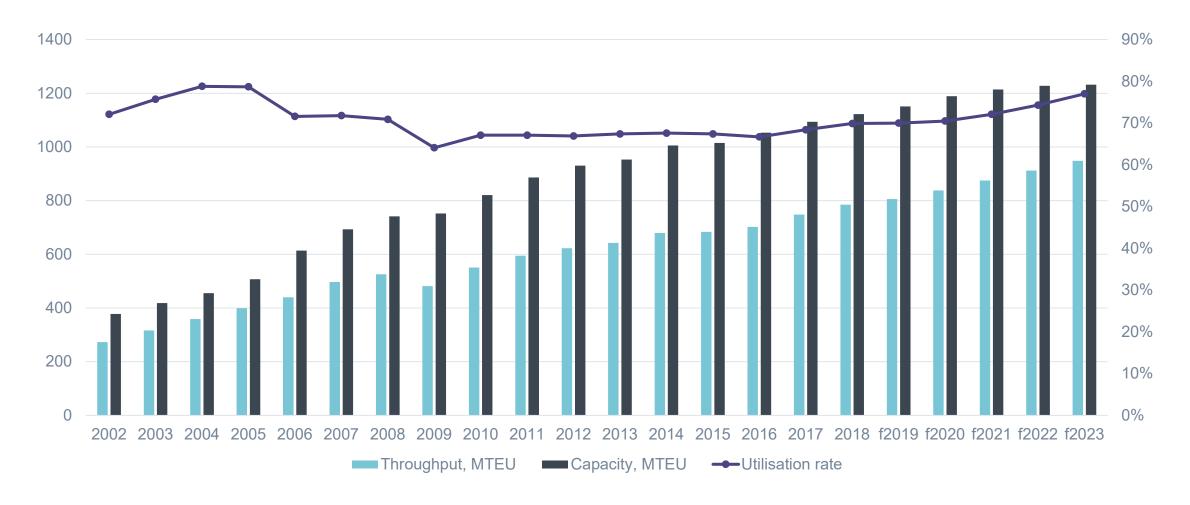
# Global container terminal operators – Most capacity expected to be added by Cosco

Global/international terminal operators' capacity development, 2018-2023 (MTEU)



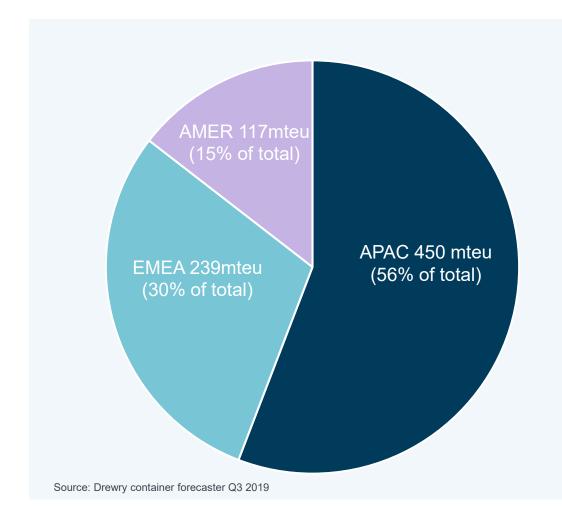


#### Global container throughput and capacity development





### 56% of global container throughput is expected to take place in APAC in 2019



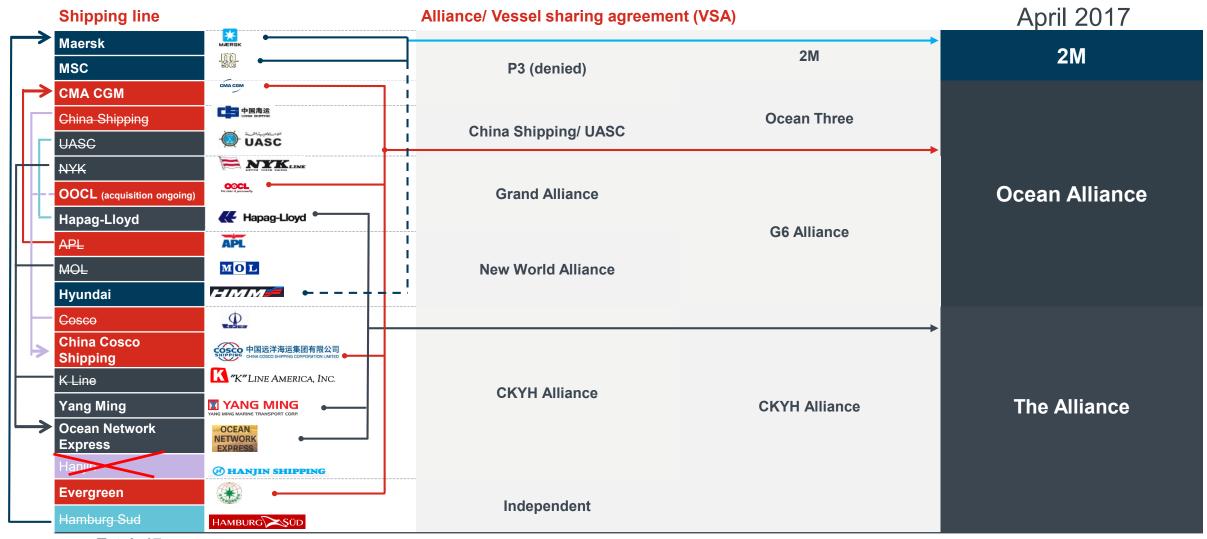
Global container throughput expected to grow 2.6% in 2019

- APAC +3.0% (+13 mteu)
- EMEA +2.6% (+6 mteu)
- AMER +1.2% (+1 mteu)

→ 62% of growth will come from APAC



#### Three alliances controlling about 80% of global container fleet capacity



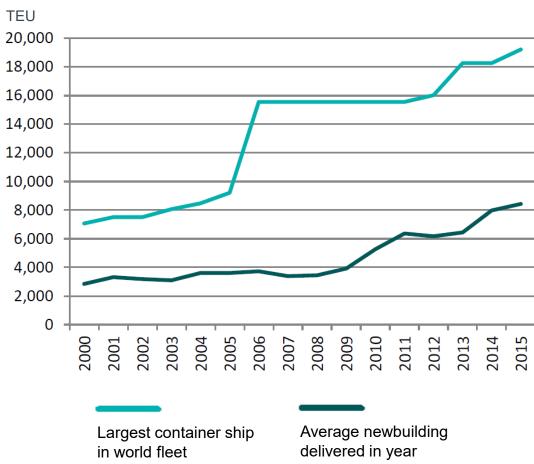
Total: 17 (9 after further consolidations)

- The arrows indicate changes, confirmed or planned, through M&A or JV over the last 18 months. Hanjin bankrupt. Hyundai isn't currently officially part of any alliance, but formed a cooperative relationship with 2M.
- Ocean Network Express (ONE) launch April 2018.
- COSCO Shipping's planned acquisition of OOCL expected to completed by the end of June
- Analyse excludes Zim, PIL and Wan Hai

Sources: Drewry, Alphaliner, Cargotec

#### Ship sizes increasing dramatically

- The largest containership in the fleet has nearly tripled since 2000
- The average size of new builds doubles between 2009 and 2014



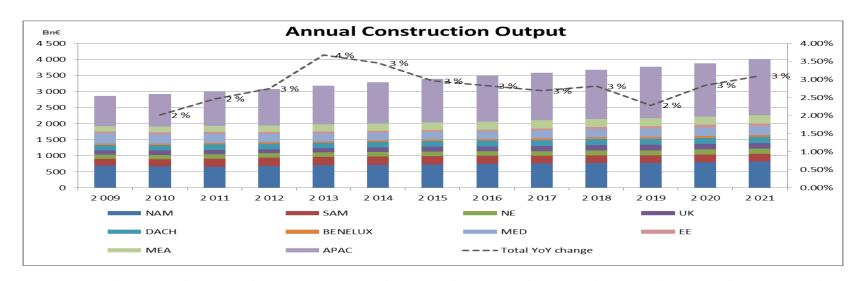
Source: Drewry November 2015



### Hiab appendix



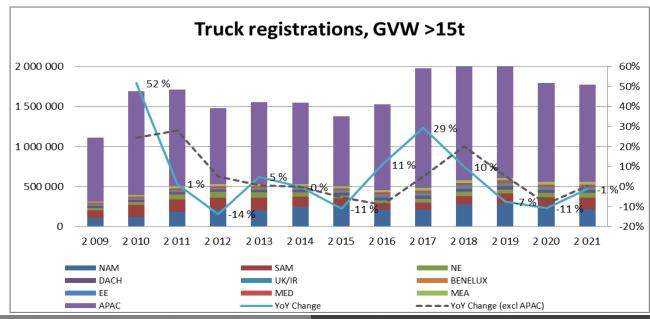
#### **Construction output forecast**



Percentag	forecas	YoY changes									
	2017	2018	2019	2020	2021		2017	2018	2019	2020	2021
NAM	-0.1%	0.1%	-0.4%	-0.2%	-0.1%	NAM	1.3%	2.6%	0.3%	2.3%	2.2%
SAM	0.2%	0.4%	0.5%	-0.4%	-0.7%	SAM	-3.4%	-1.4%	-0.4%	2.2%	2.7%
NE	0.0%	0.0%	-1.3%	-0.3%	-0.1%	NE	2.8%	5.4%	1.7%	1.7%	1.9%
UK	0.0%	0.0%	-0.6%	-0.6%	-0.2%	UK	7.3%	0.7%	1.6%	1.1%	1.6%
DACH	0.0%	0.0%	0.0%	-0.2%	0.0%	DACH	2.9%	2.7%	2.2%	1.3%	1.2%
BENELUX	0.9%	0.1%	-0.6%	-0.2%	0.0%	BENELUX	4.0%	5.2%	4.5%	1.2%	1.5%
MED	0.1%	-0.7%	0.7%	-0.4%	-0.1%	MED	3.4%	2.3%	2.9%	1.9%	2.0%
EE	-0.2%	-0.8%	1.5%	0.1%	-0.1%	EE	4.5%	11.1%	5.8%	3.2%	3.0%
MEA	0.2%	0.0%	0.3%	-0.1%	0.0%	MEA	2.0%	-2.0%	0.2%	2.9%	3.9%
APAC	0.0%	0.0%	-0.7%	0.0%	0.1%	APAC	3.8%	4.1%	3.8%	3.9%	4.2%
Total	0.0%	-0.1%	-0.4%	-0.1%	0.0%	Total	2.7%	2.8%	2.3%	2.8%	3.1%



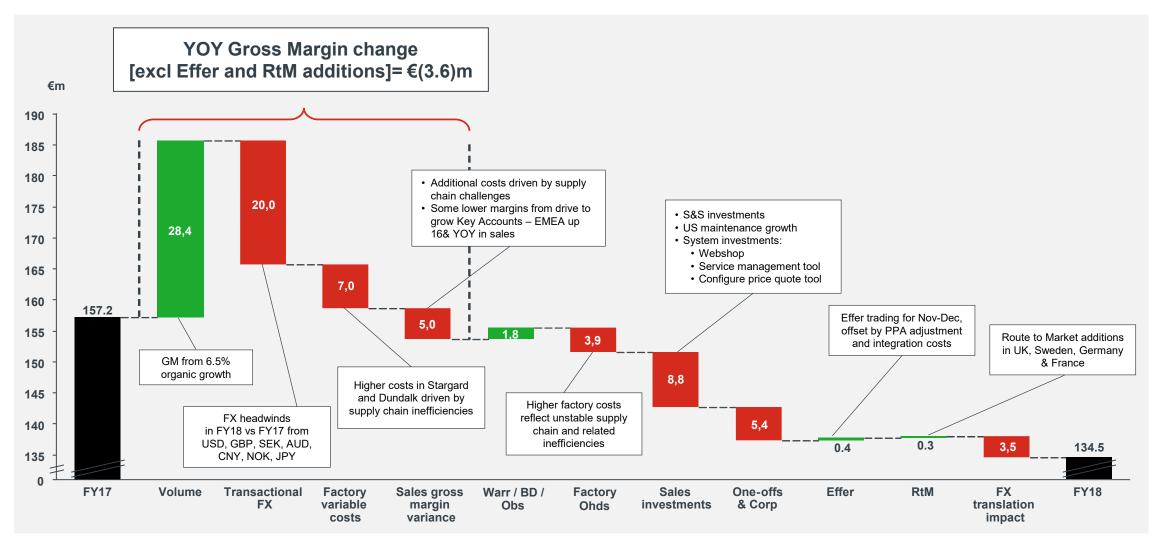
#### **Global truck volumes**



Char	YoY changes (vs. prev. year)										
	2 017	2 018	2 019	2 020	2 021		2 017	2 018	2 019	2 020	2 021
NAM	0.0%	0.0%	1.6%	-1.6%	-2.4%	NAM	0.6%	31.1%	1.2%	-16.9%	-6.4%
SAM	0.0%	-0.5%	16.1%	6.0%	9.4%	SAM	8.4%	19.9%	27.2%	1.7%	8.0%
NE	0.0%	0.0%	-5.2%	-3.1%	0.3%	NE	27.5%	4.6%	-0.5%	1.0%	7.9%
DACH	0.0%	0.0%	0.2%	-0.1%	-0.2%	DACH	1.8%	12.6%	-6.2%	-4.5%	-1.5%
UK/IR	0.0%	0.0%	30.5%	13.7%	7.1%	UK/IR	0.3%	-11.1%	23.0%	-12.1%	-2.2%
BENELUX	0.0%	7.2%	-2.3%	-4.1%	-4.0%	BENELUX	5.4%	14.5%	-19.7%	-3.0%	3.8%
EE	0.0%	-0.6%	1.9%	-3.8%	1.6%	EE	-1.6%	27.9%	5.2%	-5.9%	7.2%
MED	-0.7%	0.2%	0.5%	0.0%	1.0%	MED	19.3%	9.8%	-2.2%	-8.5%	6.9%
MEA	0.0%	0.4%	-1.9%	-1.0%	-1.3%	MEA	-2.4%	3.4%	-0.5%	5.4%	2.7%
APAC	0.2%	0.1%	5.8%	3.3%	-0.2%	APAC	39.7%	6.6%	-12.1%	-11.9%	-2.1%
Total	0.2%	0.1%	5.3%	2.4%	0.3%	Total	29.4%	9.9%	-7.5%	-10.9%	-1.3%



#### Operating Profit Bridge FY Actual 2018 vs 2017 (AER)



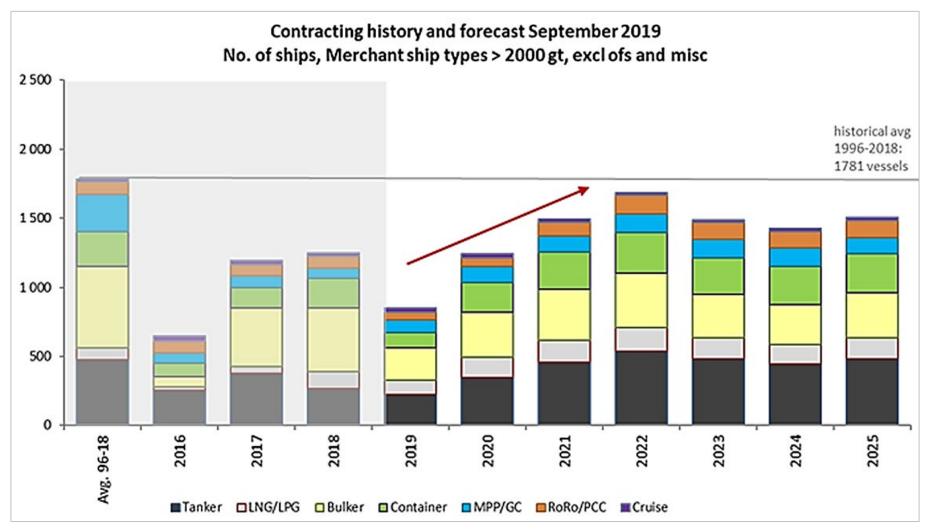


### MacGregor appendix



#### Merchant ships: Contracting forecast by shiptype (no of ships)

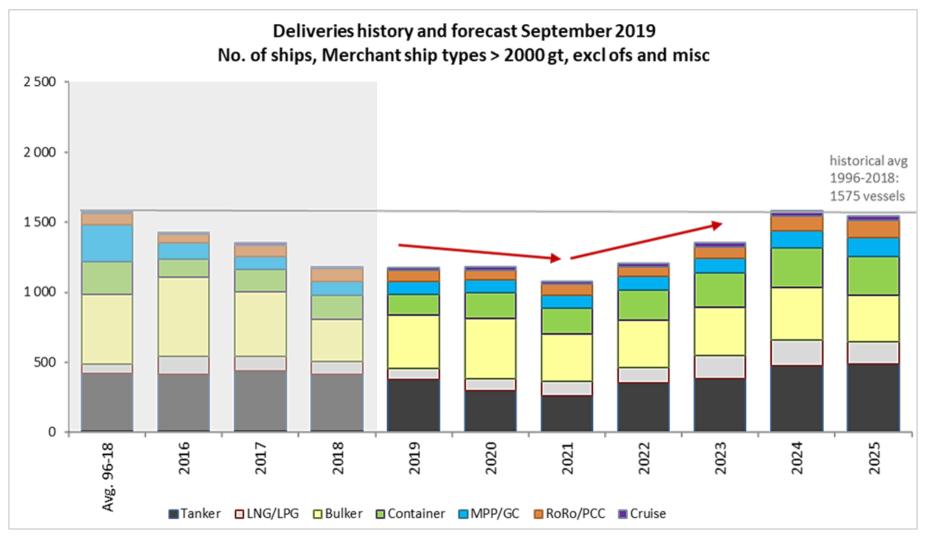
Merchant ship types > 2000 gt excl offshore and misc, base case





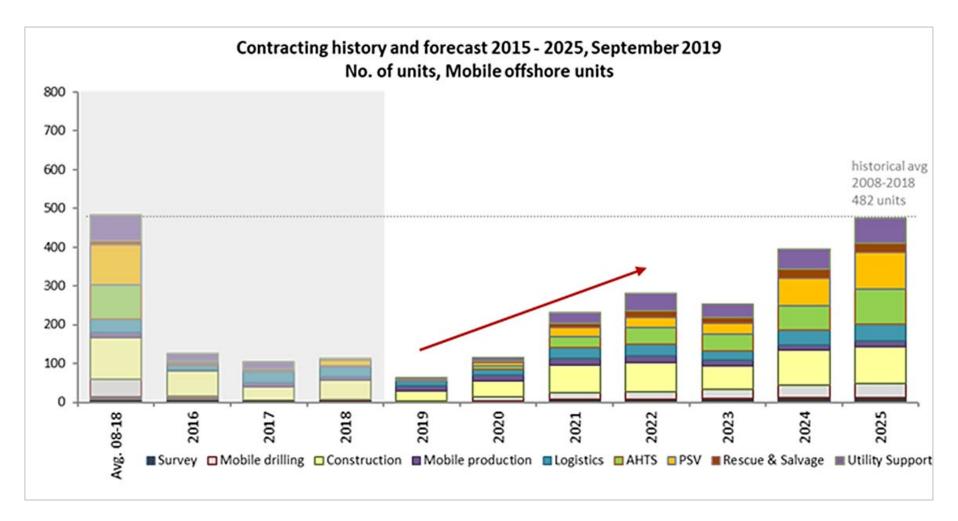
#### Merchant ships: Deliveries forecast by shiptype (no of ships)

Merchant ship types > 2000 gt excl offshore and misc, base case



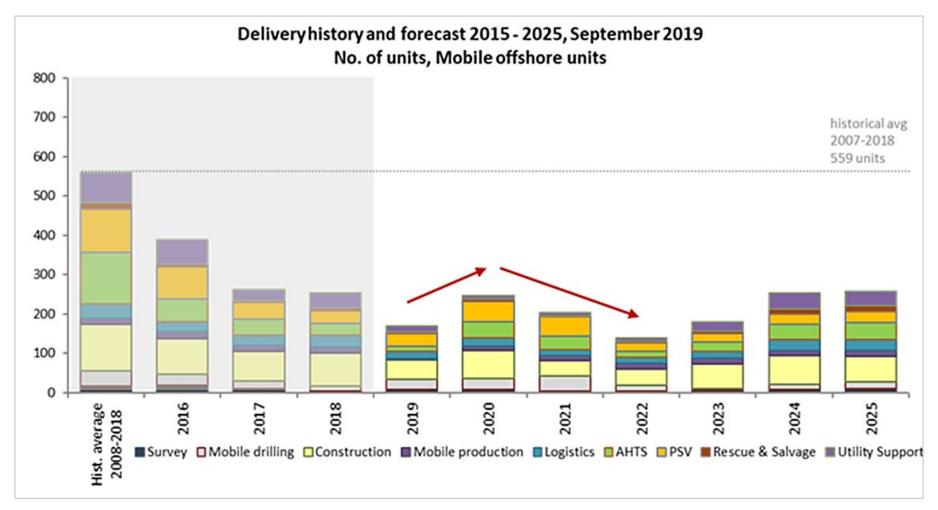


### Offshore mobile units: Contracting forecast by shiptype (number of units)





### Offshore mobile units: Deliveries forecast by shiptype (number of units)



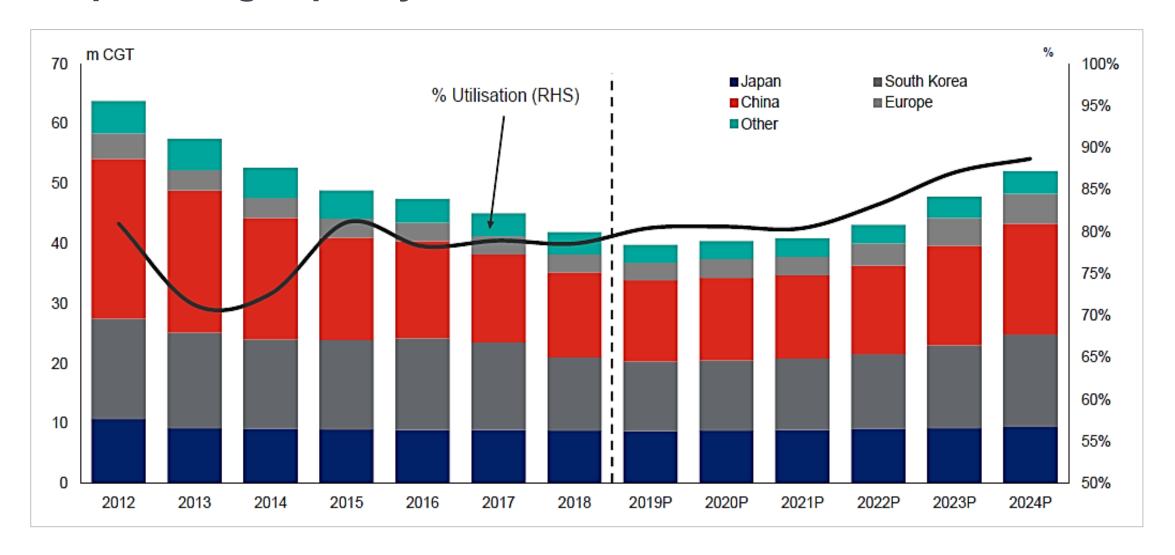


# Shipbuilding - contracting ships >2000 gt/dwt

Global Contracting Activity (1st October 2019)												
	No.				\$bn				m. CGT			
	2017	2018	2019ytd	%y-o-y*	2017	2018	2019ytd	%y-o-y*	2017	2018	2019ytd	%y-o-y*
TOTAL (>2,000 Dwt/GT**)	1,278	1,329	577	-42%	71.8	78.7	43.3	-27%	29.8	34.7	15.6	-40%
Vessel Type												
Bulkers	424	466	158	-55%	12.4	14.2	5.5	-48%	9.2	9.7	3.5	-52%
Tankers	378	265	147	-26%	15.5	12.2	7.2	-21%	8.6	6.3	3.7	-21%
Containerships	151	213	65	-59%	6.1	11.2	2.8	-67%	4.0	6.2	1.5	-68%
Gas Carriers	48	123	71	-23%	4.3	15.3	8.3	-27%	1.8	6.8	3.5	-31%
Offshore	47	59	15	-66%	8.5	5.2	4.1	5%	8.0	1.0	0.5	-31%
Others	230	203	121	-21%	25.1	20.7	15.4	-1%	5.4	4.7	3.0	-16%
<b>Builder Country/Region</b>												
China	604	518	255	-34%	20.2	21.3	12.8	-20%	4.9	12.2	6.1	-33%
South Korea	203	288	135	-38%	17.3	27.1	12.7	-38%	2.2	7.8	5.3	-10%
Japan	216	377	102	-64%	5.6	12.2	3.5	-61%	2.4	3.5	1.9	-26%
Europe	105	93	56	-20%	22.6	16.4	12.0	-2%	3.7	4.0	1.8	-40%
Other	150	53	29	-27%	6.0	1.8	2.3	76%	16.6	7.2	0.5	-90%



#### Shipbuilding capacity and utilisation scenario

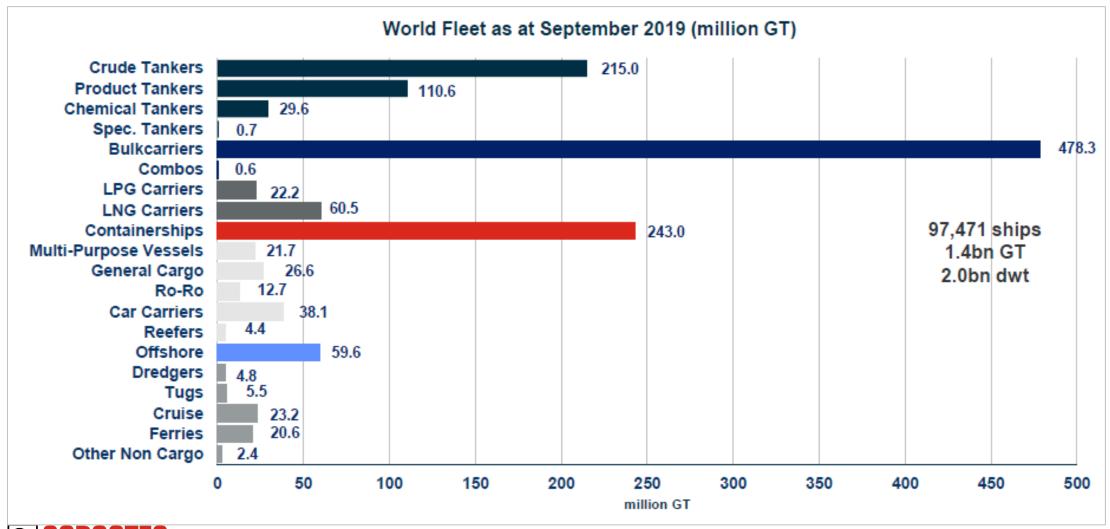




January 2020

#### Shipping – The world fleet

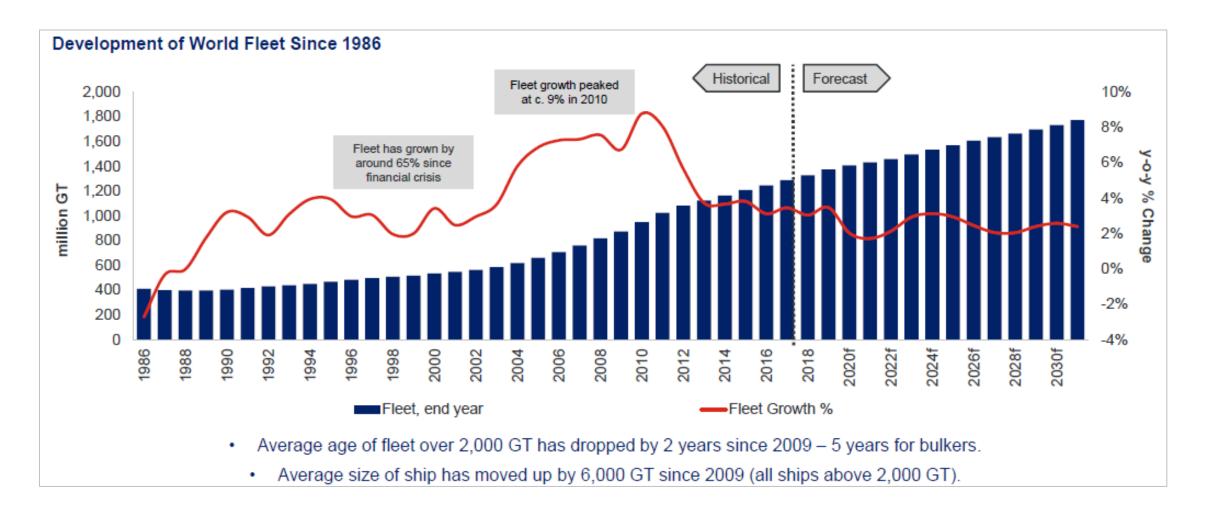
World fleet comprises currently roughly 97,000 ships





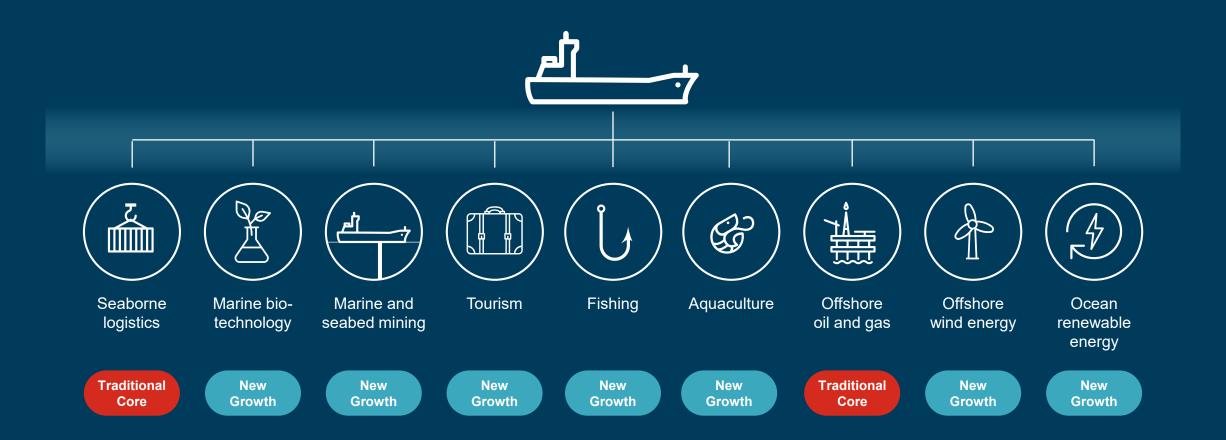
#### World fleet development since 1986

World fleet continues to grow - ships getting younger and bigger





#### We are capturing "blue growth" opportunities



#### **Disclaimer**

Although forward-looking statements contained in this presentation are based upon what management of the company believes are reasonable assumptions, there can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. These statements are not guarantees of future performance and undue reliance should not be placed on them. The company undertakes no obligation to update forward-looking statements if circumstances or management's estimates or opinions should change except as required by applicable securities laws.

All the discussion topics presented during the session and in the attached material are still in the planning phase. The final impact on the personnel, for example on the duties of the existing employees, will be specified only after the legal requirements of each affected function/ country have been fulfilled in full, including possible informing and/or negotiation obligations in each function / country.



