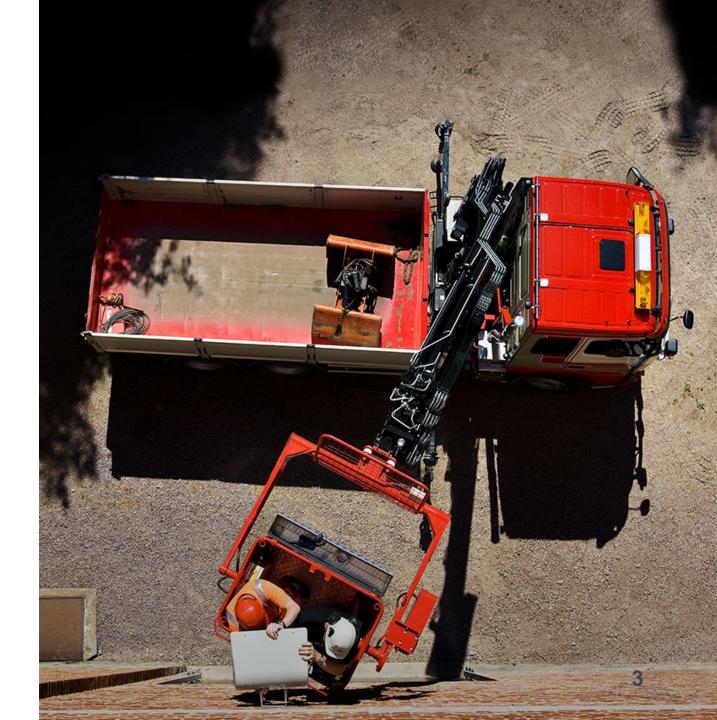


### Content

- 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 3,250 million

**EBIT: 8.0%** 

#### Kalmar

Sales: **EUR 1,598 million** EBIT: **8.3%** (EUR 133.1 million)

#### Hiab

Sales: EUR 1,084 million

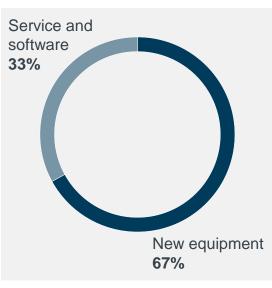
EBIT: **14.5**% (EUR 157.2 million)

#### **MacGregor**

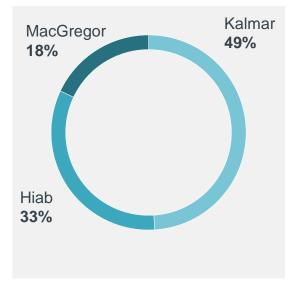
Sales: EUR 571 million

EBIT: **1.9%** (EUR 10.6 million)

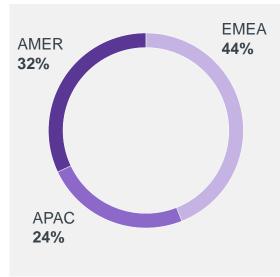
## Sales split: new equipment vs service and software



### 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



November 2018

### **Key competitors**

Cargotec is a leading player in all of its business areas













LIEBHERR













TEREX

























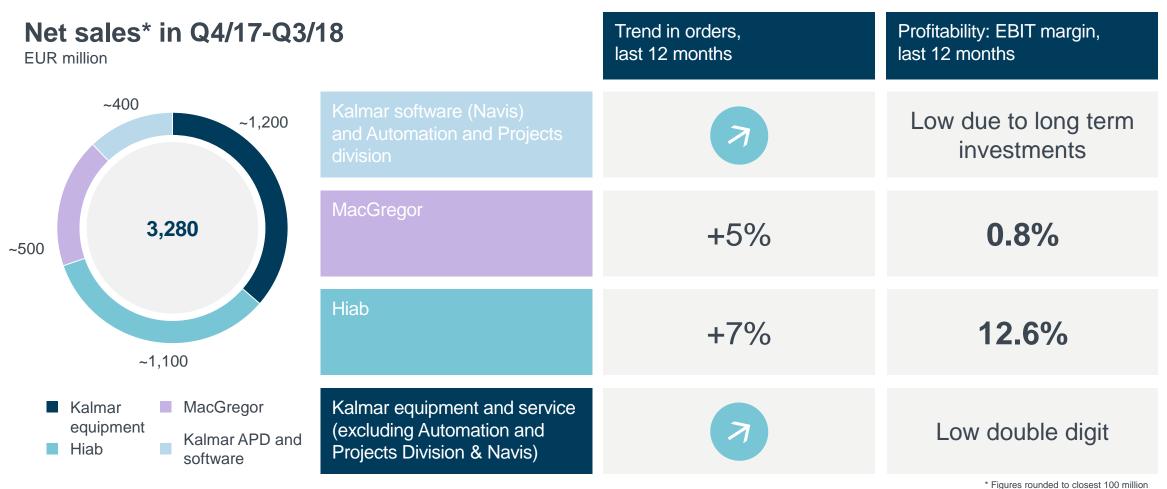






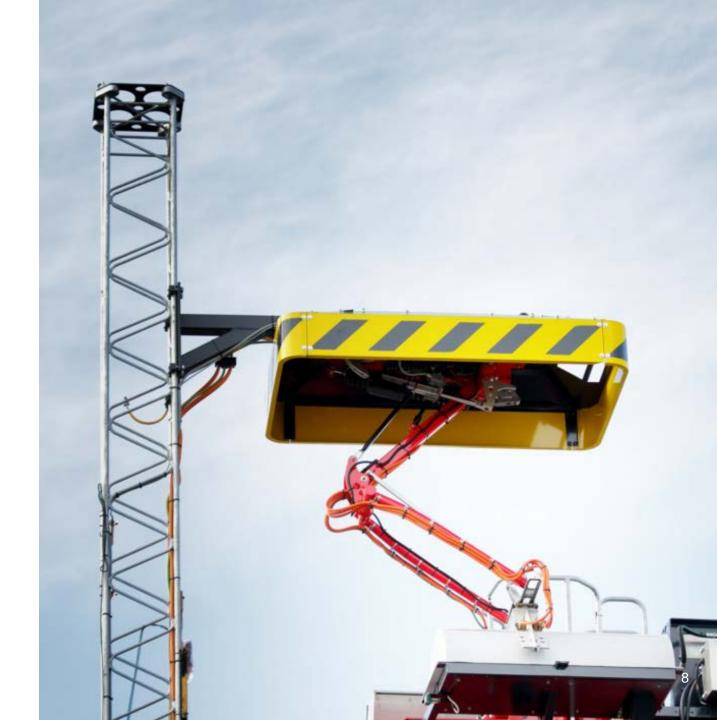
competitors

### Currently two businesses performing well





# Investment highlights





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

- 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. Capitalizing 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



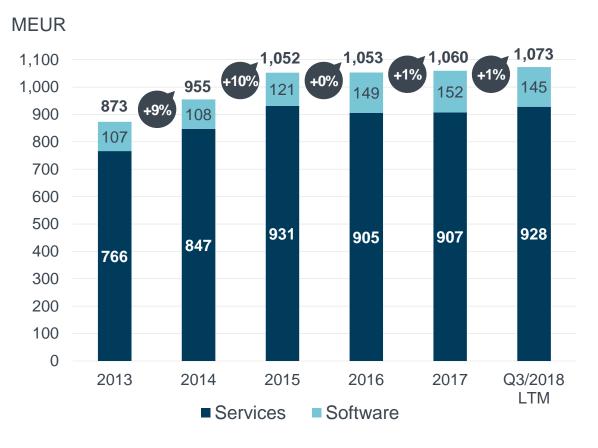
## 2. Our vision is to become the global leader in intelligent cargo handling

VISION	GLOBAL LEADER IN INTELLIGENT CARGO HANDLING			
	WIN THROUGH CUSTOMER CENTRICITY	ACCELERATE DIGITALISATION		
MUST-WIN	We help our customers achieve their goals by aligning our offering and way of working to serve them better.  We build and expand our digital sol a great customer experience and r business processes.			
BATTLES	ADVANCE IN SERVICES	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:**

- All new equipment connected by 2018
- Build on Navis position as industry leader
- Increase spare parts capture rates
- Boost service contract attachment rates



LTM=Last 12 months (Q4/17-Q3/18)

## 4. Capitalizing 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

lotal costs	24% less cos
10101 00010	= 170 1000 000

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:

- 2018 EUR 13 million (Lidhult assembly transfer in Kalmar)
- 2018 EUR 13 million in MacGregor
- 2020 EUR 50 million (indirect purchasing and new Business Services operations)

Product re-design and improved project management

### Sales and operating profit\*\* development







LTM=Last 12 months (Q4/17-Q3/18)

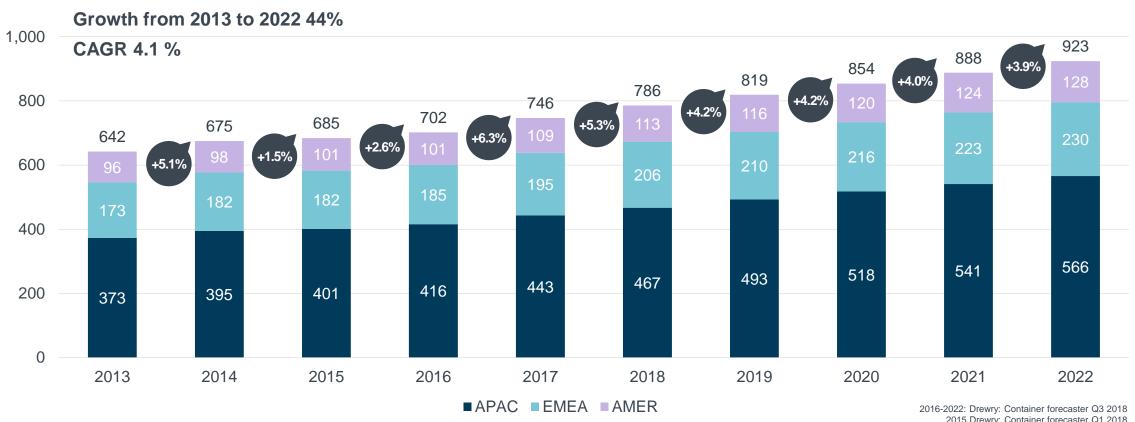
## Kalmar





## Container throughput still forecasted to grow year on year

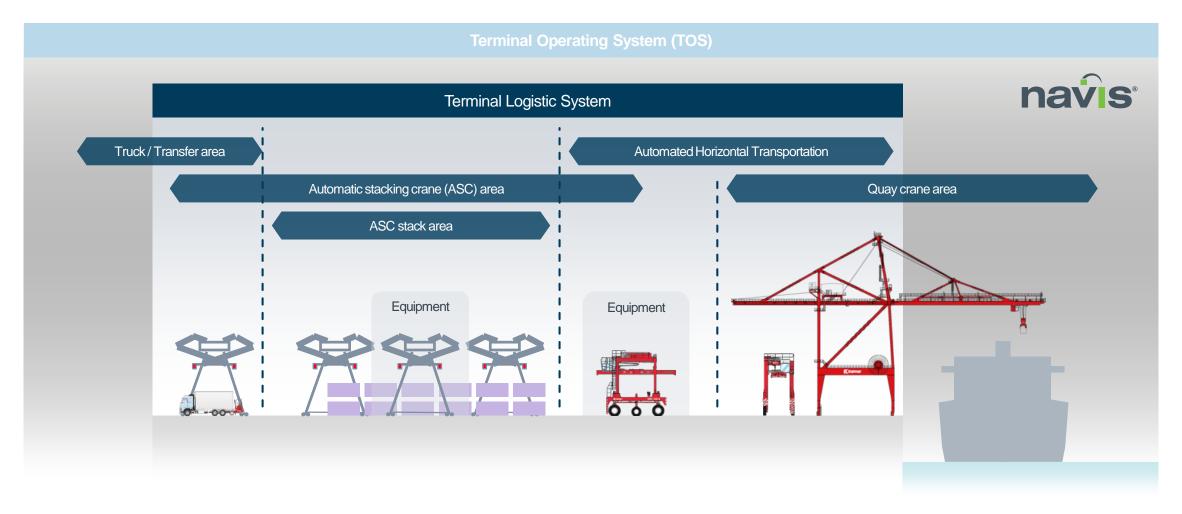
**TEU** million





2015 Drewry: Container forecaster Q1 2018 2013-2014 Drewry Global Container Terminal Operators Annual Report 2013

### Flexible and scalable Navis TOS software





Kalmar's operating environment



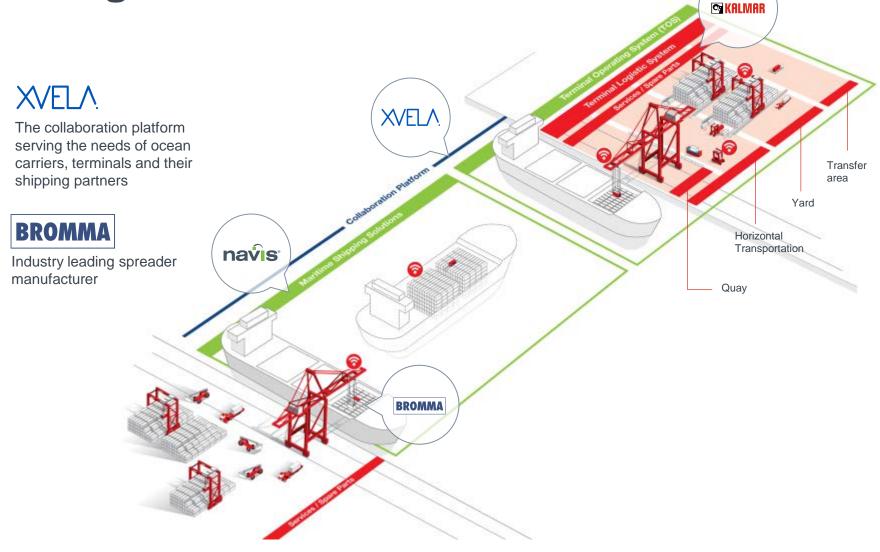
Provides integrated port automation solutions including software, services and a wide range of cargo handling equipment



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





## XVELA provides benefits to ocean carriers and terminal operators

- Today's container supply chain is a fragmented and siloed framework
- Information sharing between parties is not optimally structured
  - Forms of communication today include email, phone calls, EDI, paper plans
  - Problems: incomplete data, errors, information not available on time
- In-house developed XVELA is a many-to-many platform to solve these issues
  - Real-time stowage collaboration
  - Port-to-port visibility and collaboration
  - Synchronisation of planning between carriers and terminals

#### Benefits of XVELA:

- Faster vessel turn times
- Operational efficiencies
- Cost savings





## Services provide our biggest medium term growth opportunity



Market share

Equipment & Projects

20-30%



Software

20-30%



Services

3-5%

Market size

6B€

0.5-1B€

8B€



## Recent 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

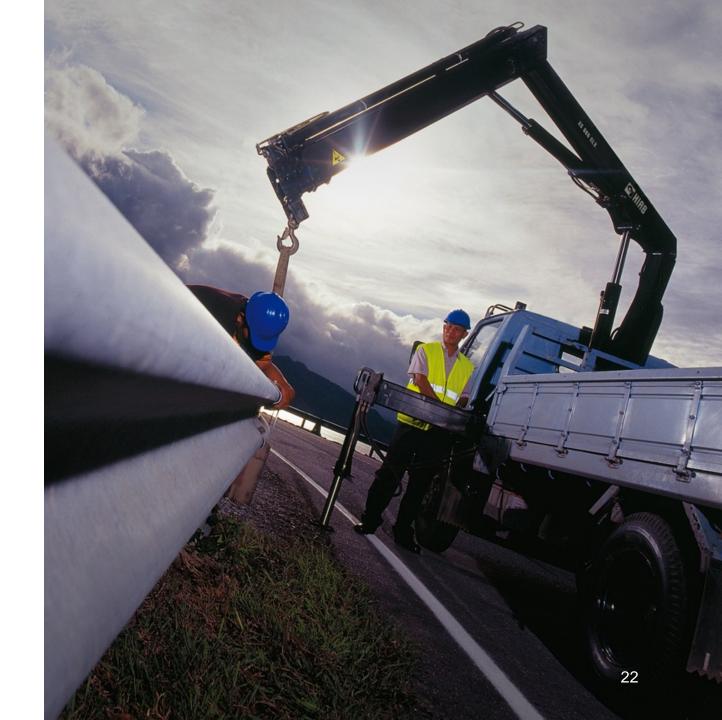
### Fully digitalised and autonomous container handling solution with software and services to Yara

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



## Hiab

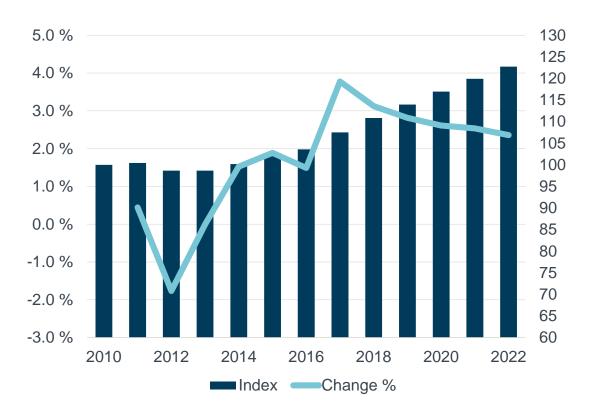




### Construction output driving growth opportunity

### **EMEA** construction output

y/y change (%)



### **AMER** construction output

y/y change (%)







23

### Strong market positions in all product lines

		KET SIZE* billion)	KEY SEGMENTS	HIAB POSITION & TREND	
LOADER CRANES		~1.3	Construction and Logistics	#1-2	<b>7</b>
TAIL LIFTS		~0.5	Retail Logistics	#1	<b>7</b>
DEMOUNTABLES		~0.5	Waste and Recycling	#1	<b>7</b>
TRUCK MOUNTED FORK LIFTS	4000	~0.3	Construction and Logistics	#1	
FORESTRY CRANES		~0.2	Timber, Pulp and Paper	#2	<b>7</b>



\*) Cargotec estimate

### Attractive megatrends and growth drivers

MEGA TRENDS

MARKET GROWTH

KEY SEGMENTS

PRODUCT OFFERING

SERVICE SOLUTIONS



- Urbanization and Consumption growth driving needs for efficiency
- Digitalization 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

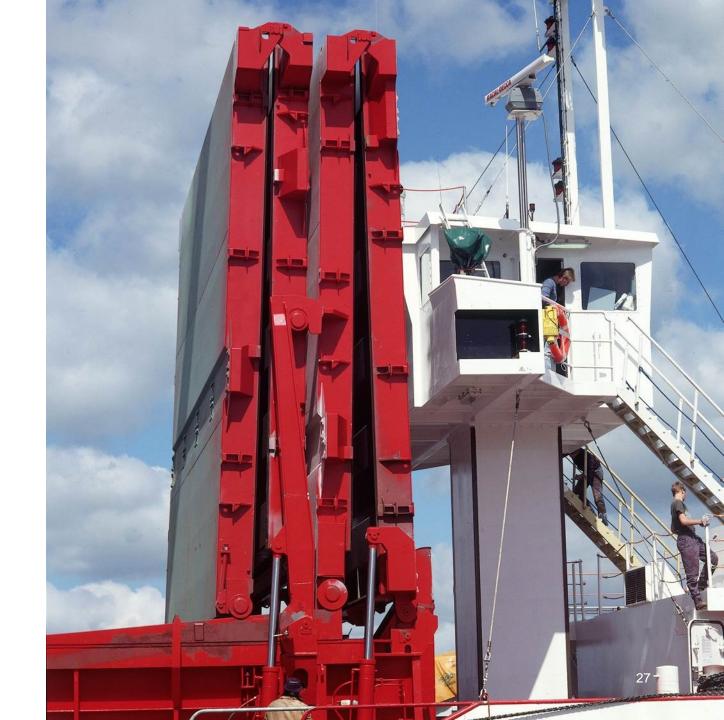


**Services** 

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



## MacGregor





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

~3/4 of sales ~1/4 of sales

Merchant
Cargo Flow

MARKET
POSITION

#1

Marine People Flow

#1

Marine Resources & Structures

**#1-2** 

Naval Logistics and Operations

**#1-2** 

Offshore Energy

#1

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

- Ferry
- Cruise
- Superyachts
- Walk-to-work

- Research
- Fishery
- Aquaculture
- Mining
- Floating structures

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

- Oil & Gas
- Renewables

#### Lifecycle Services









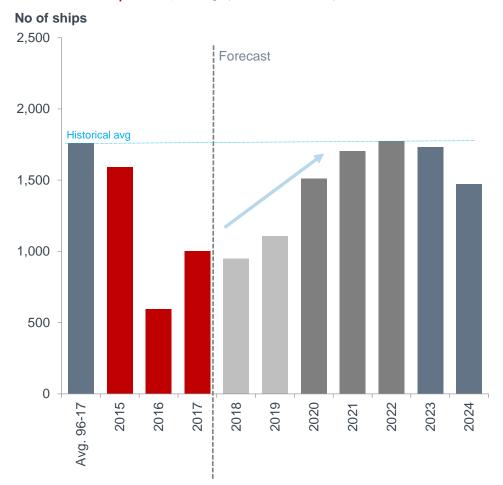
Picture: Statoil



### Merchant Ships and Offshore contracting activity picking up

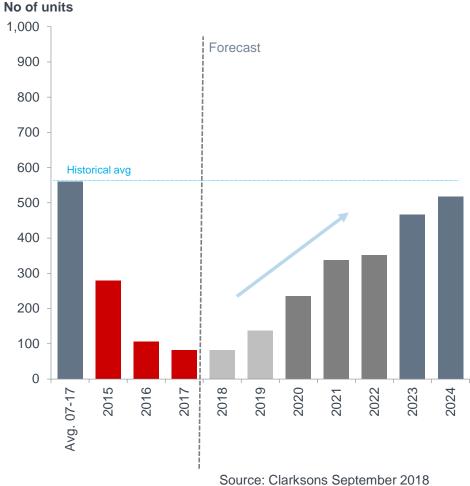
### Long term contracting 2015-2024

Merchant ships > 2,000 gt (excl ofs and misc)



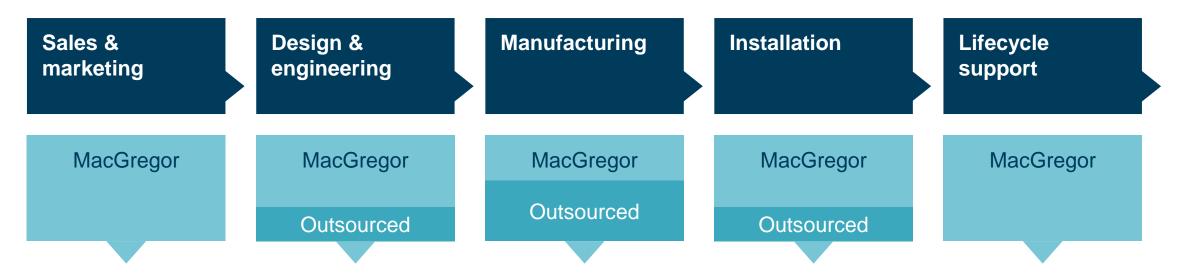
#### Long term contracting 2015-2024

Mobile offshore units





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



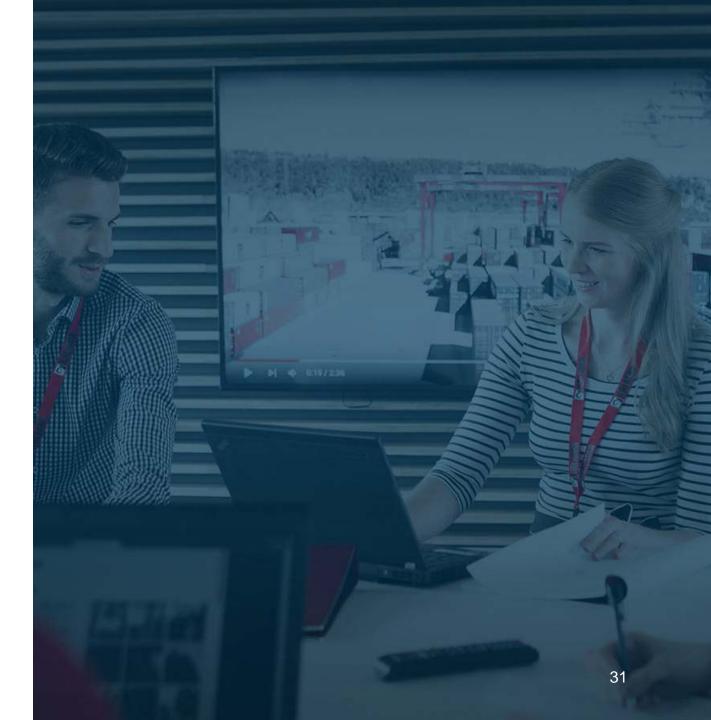
Cost-efficient scaling

90% of manufacturing outsourced

30% of design and engineering capacity outsourced

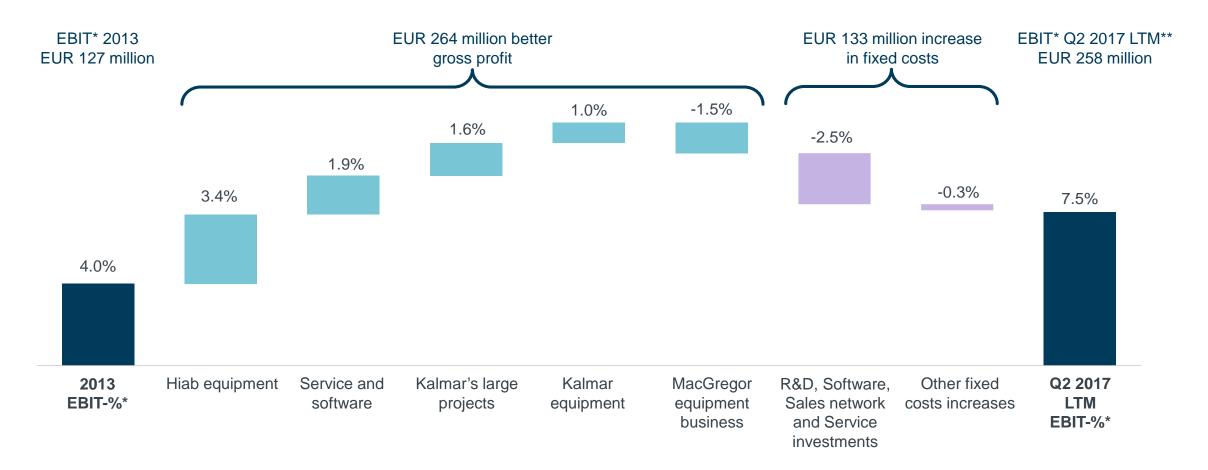


# Recent progress





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





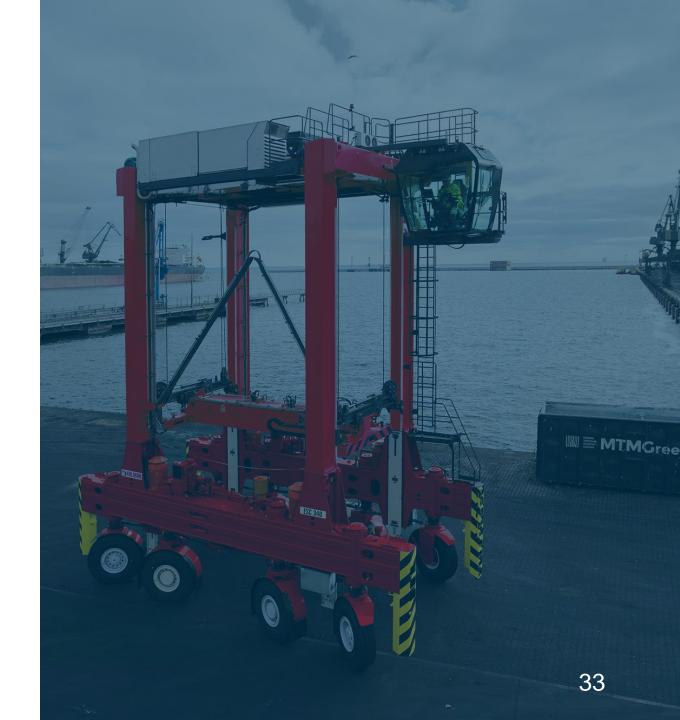
\*Excluding restructuring costs \*\*LTM=Last 12 months (Q3/16-Q2/17)

32

# Previously announced cost savings programmes proceeding

- EUR 50 million annual group-wide savings from 2020 onwards
  - EUR 18 million cumulative savings at the end of Q3/18
- EUR 13 million in 2018 (MacGregor)
  - EUR 8 million savings in 1-9/18
- EUR 13 million in 2018 (Kalmar)
  - Relocation of assembly operation completed
  - EUR 5 million savings in 1-9/18
- Product redesign and project management improvement continues in 2018





## 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)

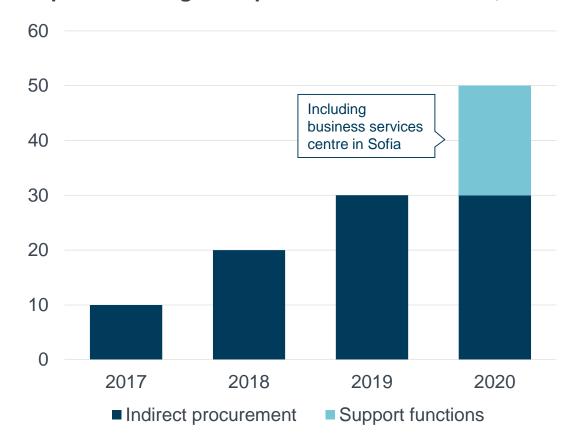
#### **HOW**

- 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 10 million savings realised in 2017 and additional EUR 8 million in 1-9/18

#### 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 total EUR 907 million in 2017

- Spare parts the biggest category, around 50% of total service sales
- Maintenance around 30% of total service sales

#### Hiab **Kalmar MacGregor MEUR** 2017 **MEUR** 2017 **MEUR** 2017 Service orders received 432 Service orders received 262 Service orders received 203 445 Service sales 258 Service sales 205 Service sales Spare parts Spare parts Spare parts Maintenance contracts Maintenance Maintenance Crane upgrades Used equipment Installation Used equipment Projects and Voyage Data Recorder Lashing equipment, after sales



## M&A strategy focusing on bolt-on acquisitions

### Key acquisition criteria

Contribution to 15% ROCE target

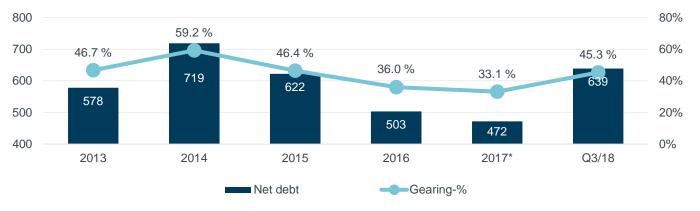
Recurring business

Increase the potential for services through larger installed base and increased presence

Group gearing long term target of 50%

### Net debt and gearing





\*Year 2017 figures have been restated according to IFRS 15

### 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



## **Progress in 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



## Acquisition of EFFER to support Hiab's global offering

### Effer in brief

Global leader in the heavy cranes segment

2017 sales around EUR 71 million and operating profit EUR 6 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 is subject to regulatory approvals expected to be received by the end of 2018



## Acquisition of TTS marine and offshore business announced 8 February 2018

### **Strategic rationale**

Combination of two highly complementary businesses producing greater scale and diversification

 By acquiring TTS marine and offshore business, Cargotec will strengthen MacGregor's portfolio and market position in key areas in cargo and load handling markets

The acquisition will strengthen MacGregor's service growth potential and service installed base

Position in China through strategic joint ventures with Chinese state owned ship building companies

Unlocking potential significant synergies

 Based on preliminary estimates, potential cost synergies are estimated to be around EUR 30-35 million on annual level and are expected to be reached within 3 years from closing





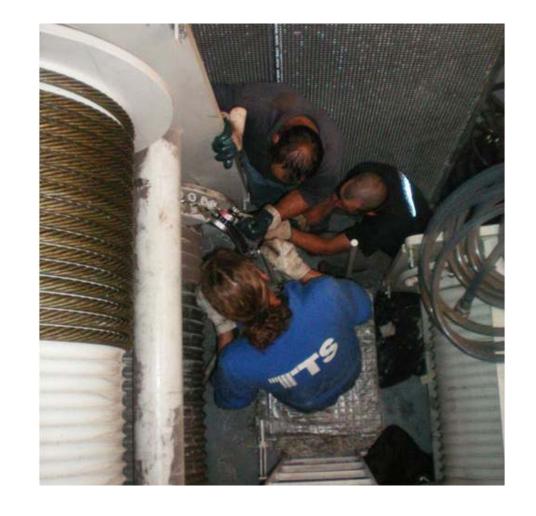
### **TTS** overview

TTS provides equipment for the marine and offshore industries through subsidiaries in 15 countries

TTS Group's main products are a wide range of cargo handling and offshore cranes, RoRo access systems, hatch covers, winches and related services.

The company's service business includes spare parts, maintenance, inspections, modernisation, conversion and training. With a worldwide workforce of around 930 employees, TTS has more than 50 years of experience in the marine industry.

The group has subsidiaries in Belgium, Brazil, China, Germany, Greece, Italy, Korea, Norway, Poland, Singapore, Sweden, UAE, USA and Vietnam. TTS operates mainly through three 50/50 owned joint venture companies in China.





## TTS product portfolio

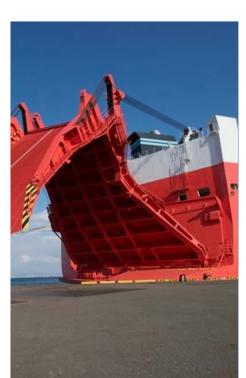
RoRo, Cruise & Navy

Container, Bulk & Tank Vessels

Multipurpose & General Cargo

**Offshore Vessels** 

**Services** 



















## Financial summary

**MEUR, 2017** 

	TTS business planned to be acquired <sup>1</sup>	MacGregor
Revenues	211	576
Services (as % of revenues)	26%	33%

The presented TTS business financial figures are calculated based on full consolidation, but their actual impact on Cargotec's financials is subject to applied post-acquisition consolidation method of the joint ventures included in the acquisition.





<sup>&</sup>lt;sup>1</sup> Based on exchange rate EUR / NOK: 9.35

## **Transaction highlights**

Transaction terms and structure	Financing	Deal certainty and timing
<ul> <li>Acquisition of TTS business</li> <li>TTS Group ASA and its shipyard solution business, TTS Syncrolift AS, are excluded from the deal</li> <li>Only certain HQ costs will be assumed</li> <li>Total consideration of EUR 87m on a debt free / cash free basis, with customary closing adjustments</li> </ul>	Transaction consideration will be covered by Cargotec's available cash and financing	More than 2/3 of TTS shareholders supports the transaction and have committed to vote in favor of the deal in TTS Group's Extraordinary General Meeting. Furthermore, more than 2/3 of convertible bondholders have made the same commitment, if any of their bonds are converted to shares prior to the Extraordinary General Meeting  The acquisition is subject to regulatory approvals from competition authorities, which are expected to be received by the end of 2018



## Shaping the portfolio

Two divestments made during Q2/18

### **Divestments**

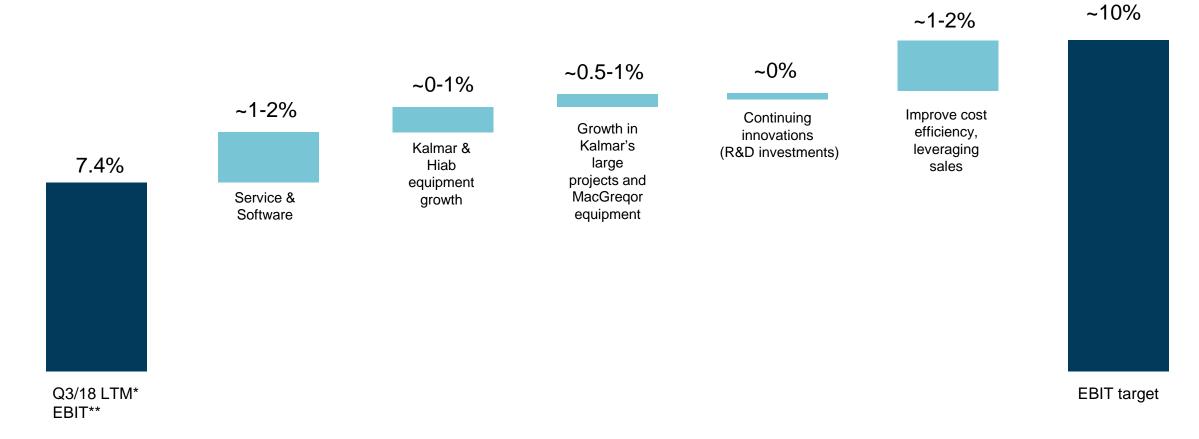
- Siwertell and Kalmar Rough Terrain Center
- Both outside of Kalmar's core areas of container ports, heavy industry and distribution

Revaluation of RHI shares during Q2/18, non-cash EUR 30 million charge





## Our target is to reach 10% EBIT





Target announced in September 2017, target to be reached in 3-5 years

\*LTM=Last 12 months (Q4/17-Q3/18)

\*\*Excluding restructuring costs

## Highlights of Q3 2018 – Orders received grew in all business areas

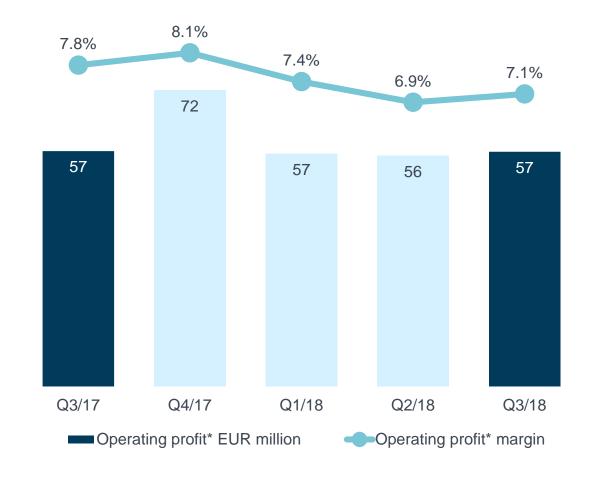
### 23% growth in orders received

38% increase in Kalmar, 13% in Hiab

### Sales increased 9%

- Growth in all business areas
- Service sales increased 3%
- EMEA +22%, AMER +3%, APAC -5%

Operating profit\* at last year's level







# Market environment 2018

## Growth in number of containers handled at ports continued

 Customers' decision making related to automation solutions is slow and starting mainly with phased investments

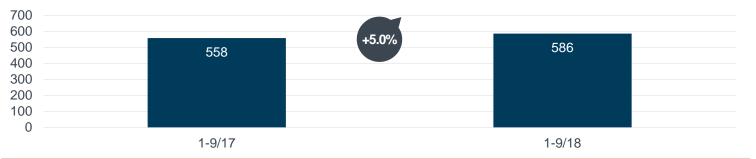
### Construction activity on good level

 Good development continued in Europe and the US

## Market improved in merchant sector, but orders remained below historical levels

 In offshore, interest level has increased, but activity remains on a low level

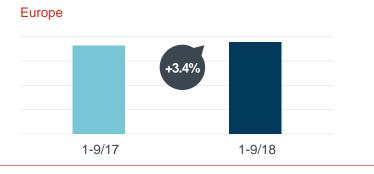
### Global container throughput (MTEU) – Key driver for Kalmar



### Construction output - Key driver for Hiab



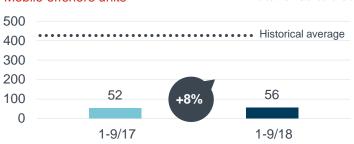
#### Source: Oxford Economics



#### Long term contracting - Key driver for MacGregor



#### Mobile offshore units





Source: Clarkson Research

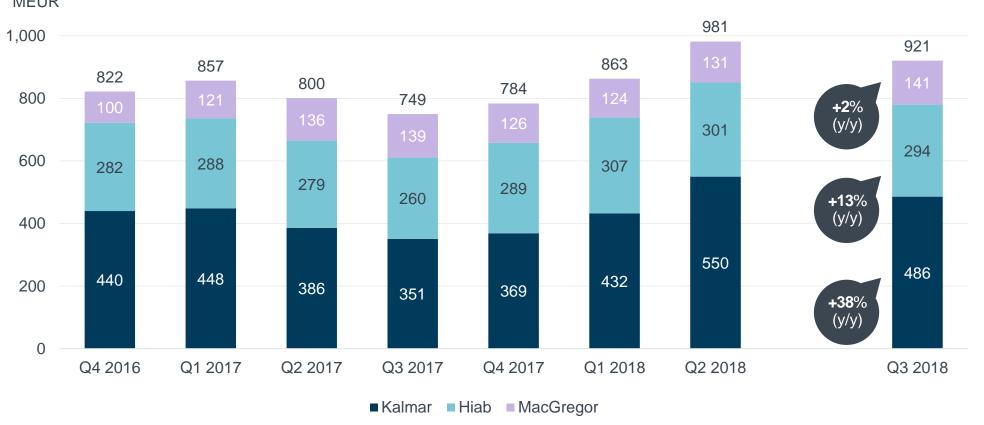
Indicative historical average

Source: Drewry

### Orders received increased 23%

### **Orders received**





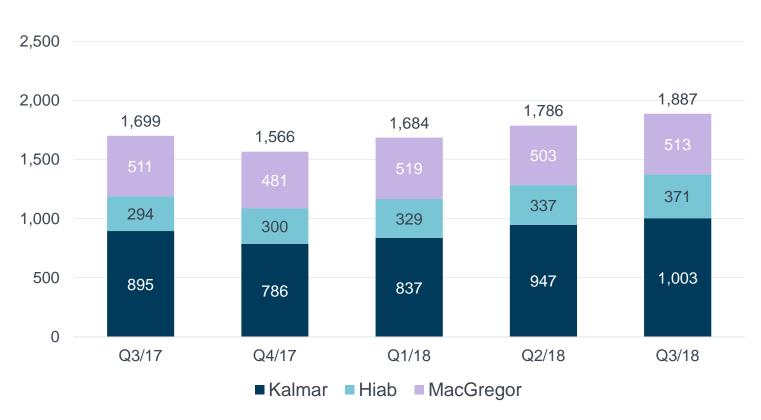
### Changes y/y in comparable FX rates

- MacGregor +4%
- Hiab +14%
- Kalmar +41%
- Total +25%

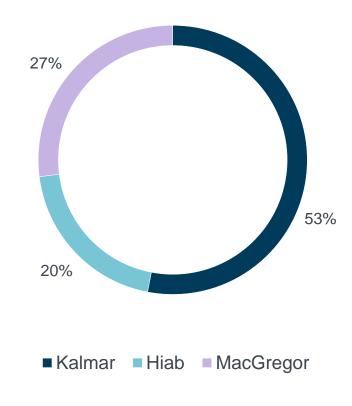
## Order book improving

### Order book

**MEUR** 

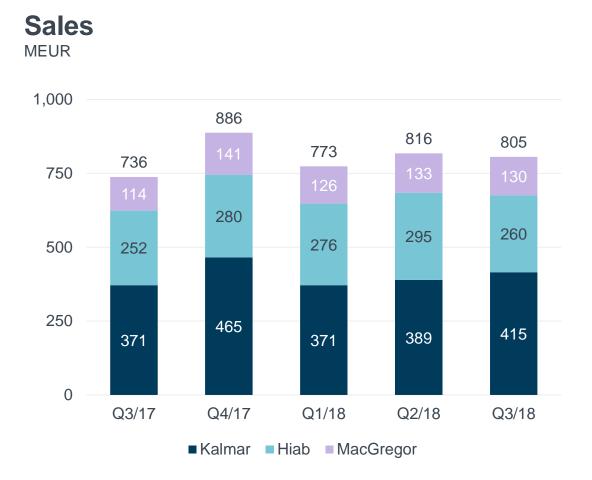


## Order book by reporting segment, Q3 2018



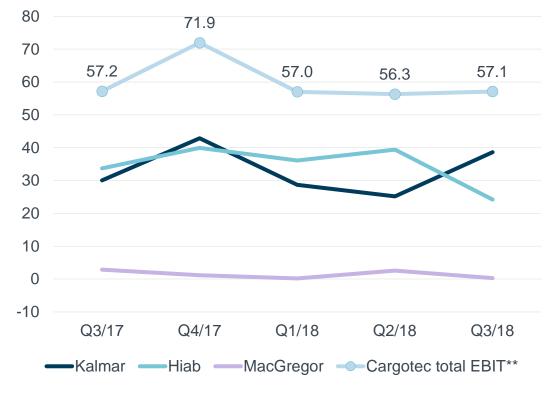


## Sales increased 9%, operating profit\* at last year's level



### Operating profit\*

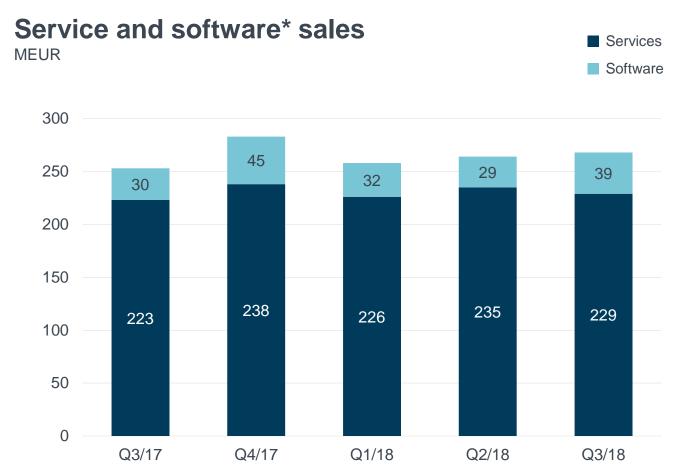




\*) Excluding restructuring costs, \*\*) Including Corporate admin and support



### **Growth in services continued**



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

### Service sales grew 3%

- Kalmar +0% (+2% in comparable FX)
  - +9% in comparable FX and adjusted for divestments and acquisitions
- Hiab +6% (+7%)
- MacGregor +5% (+7%)
- Total service sales +4% in comparable FX

Software sales increased 33%

Service and software sales constitute 33% of total sales

## Kalmar Q3 – Good development in all key figures

Orders received continued to increase

 Growth in automation and projects, mobile equipment and services

### Sales increased 12%

- Growth in all main geographical regions
- Services growth +9% in comparable FX and adjusted for divestments and acquisitions

Operating profit\* increased due to higher sales

MEUR	Q3/18	Q3/17	Change
Orders received	486	351	+38%
Order book	1,003	895	+12%
Sales	415	371	+12%
Operating profit*	38.6	30.0	+29%
Operating profit margin*	9.3%	8.1%	+123bps



## Hiab Q3 – Strong orders, operating profit declined

Strong development in orders received continued

■ EMEA +15% and Americas +9%

Sales increased +3%

Service sales +6% (+7% in constant FX)

### Operating profit declined due to:

- Currency impact, mainly USD/EUR
- Product mix and supply chain challenges
- Investments in sales & and service network, competence and tools

Acquisition of Effer announced during the quarter

Scott Phillips appointed new President of Hiab as of 1 October 2018

MEUR	Q3/18	Q3/17	Change
Orders received	294	260	+13%
Order book	371	294	+27%
Sales	260	252	+3%
Operating profit*	24.2	33.7	-28%
Operating profit margin*	9.3%	13.4%	-408bps



## MacGregor Q3 – Orders received increased slightly

### Orders received increased 2%

- Comparison period included a large single order of around EUR 25 million
- Service orders +8%

### Sales increased 14%

Service sales +5%

### Operating profit\* decreased due to:

- M&A and integration related costs of around EUR 1.5 million
- Low capacity utilisation in certain product areas

MEUR	Q3/18	Q3/17	Change
Orders received	141	139	+2%
Order book	513	511	+0%
Sales	130	114	+14%
Operating profit*	0.3	2.9	-89%
Operating profit margin*	0.2%	2.5%	-231bps



## Key figures – Orders received grew 23% in Q3 2018

	7–9/18	7–9/17**	Change	1–9/18	1-9/17**	Change
Orders received, MEUR	921	749	+23%	2,766	2,406	+15%
Order book, MEUR	1,887	1,699	+11%	1,887	1,699	+11%
Sales, MEUR	805	736	+9%	2,394	2,364	+1%
Operating profit*, MEUR	57.1	57.2	-0%	170.4	186.6	-9%
Operating profit*, %	7.1%	7.8%	-67bps	7.1%	7.9%	-78bps
Restructuring costs, MEUR	2.6	4.7	-44%	41.3	19.2	+115%
Operating profit, MEUR	54.5	52.5	+4%	129.1	167.4	-23%
Operating profit, %	6.8%	7.1%	-36bps	5.4%	7.1%	-169bps
Net income, MEUR	37.9	32.4	+17%	73.9	105.0	-30%
Earnings per share, EUR	0.58	0.50	+16%	1.13	1.63	-31%
Earnings per share, EUR***	0.62	0.55	+12%	1.69	1.85	-9%

**CARGOTEC** 

<sup>\*)</sup> Excluding restructuring costs

<sup>\*\*)</sup> Year 2017 figures have been restated according to IFRS 15

<sup>\*\*\*)</sup> Excluding restructuring costs adjusted with related tax effect

## Cash flow from operations weak due to supply chain challenges and lower advances received

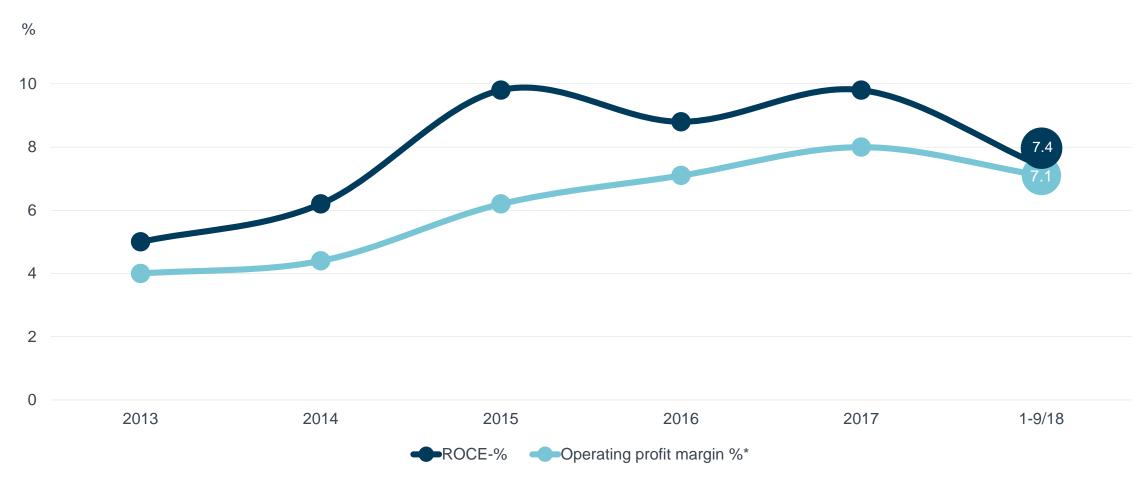
### **Cash flow from operations**

**MEUR** 160 152 140 120 112 100 91 88 74 80 56 60 40 40 27 17 20 -4 -20 Q4/16 Q3/17 Q1/16 Q2/16 Q3/16 Q1/17 Q2/17 Q4/17 Q1/18 Q2/18 Q3/18



## **ROCE** impacted by restructuring costs

ROCE excluding restructuring costs 10%





ROCE (return on capital employed), annualised \*) Excluding restructuring costs

## Strong balance sheet

## Net debt EUR 639 million (31 Dec 2017: 472)

- Average interest rate 2.1% (2.3%)
- Net debt/EBITDA 2.5 (1.6)

## Total shareholders' equity EUR 1,409 million (1,423)

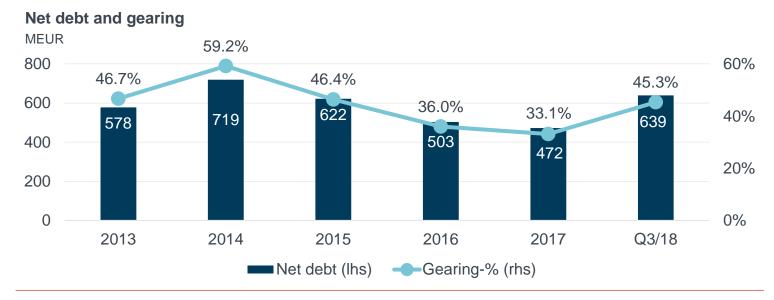
Equity/total assets 40.7% (41.4%)

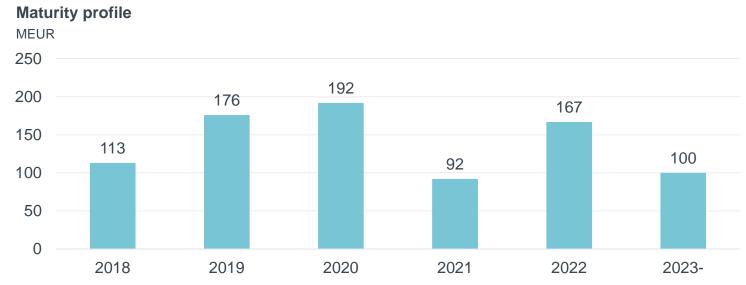
### Well diversified loan portfolio:

- Bonds EUR 464 million
- Bank loans EUR 291 million
- EUR 300 million revolving credit facility refinanced in Q2/17, the facility is fully undrawn

### **Balanced maturity profile**

EUR 113 million loans maturing in 2018









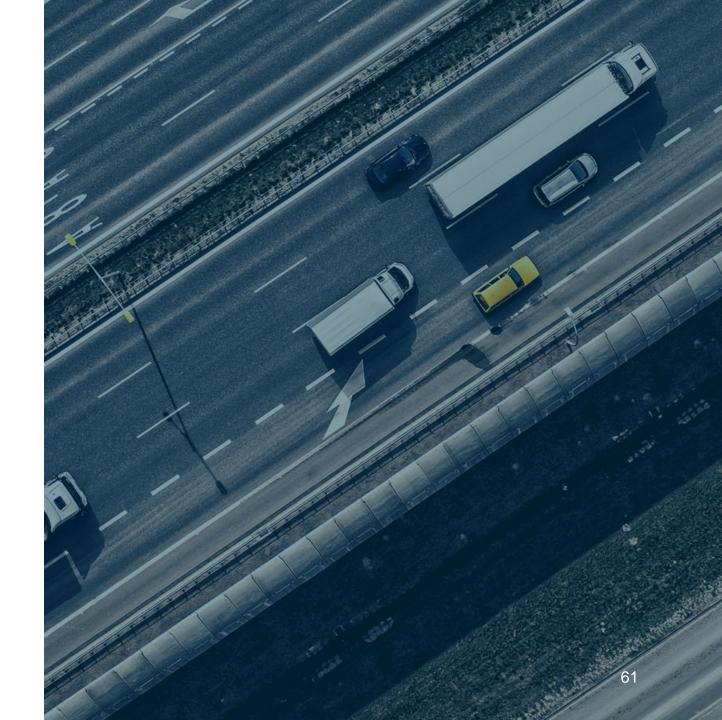
### **Outlook for 2018**

Cargotec reiterates its outlook published on 8 February 2018 and expects its operating profit excluding restructuring costs for 2018 to improve from 2017 (EUR 258.6 million, IFRS 15 restated).



## Appendix

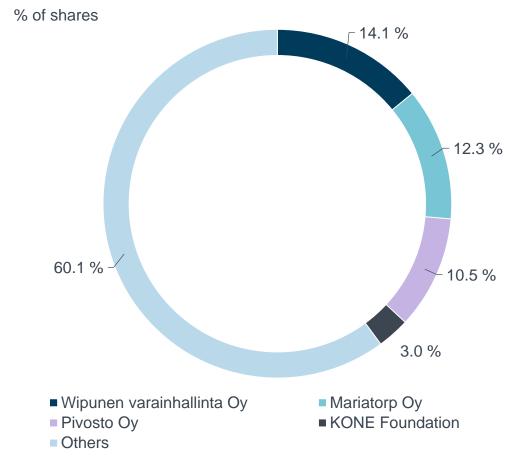
- 1. Largest shareholders and financials
- 2. Sustainability
- 3. Kalmar
- 4. Hiab
- 5. MacGregor





## Largest shareholders 31 October 2018

		% of shares	% of votes
1.	Wipunen varainhallinta Oy	14.1	23.7
2.	Mariatorp Oy	12.3	22.9
3.	Pivosto Oy	10.5	22.1
4.	KONE Foundation	3.0	5.5
5.	Varma Mutual Pension Insurance Company	2.2	1.0
6.	Ilmarinen Mutual Pension Insurance Company	1.4	0.6
7.	The State Pension Fund	1.3	0.6
8.	Herlin Heikki Juho Kustaa	0.6	0.3
9.	Veritas Pension Insurance Company	0.6	0.3
10.	Sigrid Jusélius Foundation	0.6	0.2
Non	ninee registered and non-Finnish lers	28.9	
Total number of shareholders		21,655	



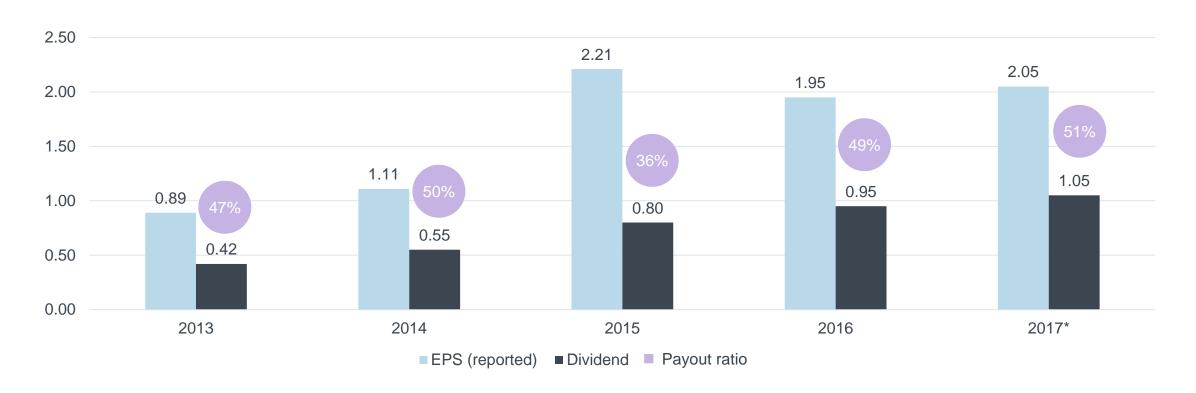


Wipunen varainhallinta Oy is a company controlled by Ilkka Herlin, Mariatorp Oy a company controlled by Niklas Herlin's estate and Pivosto Oy a company controlled by Ilona Herlin.

### Solid track record to increase the dividend

### EUR 1.05 dividend per B share for 2017

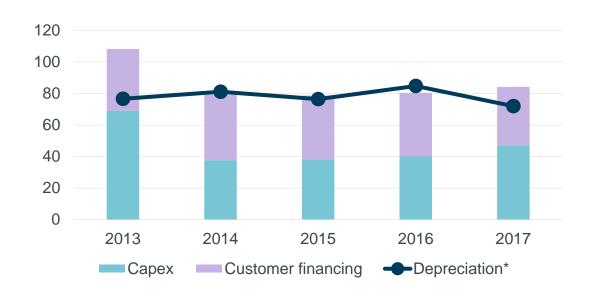
Dividend was paid in two instalments (EUR 0.53 and 0.52)





## Capex and R&D

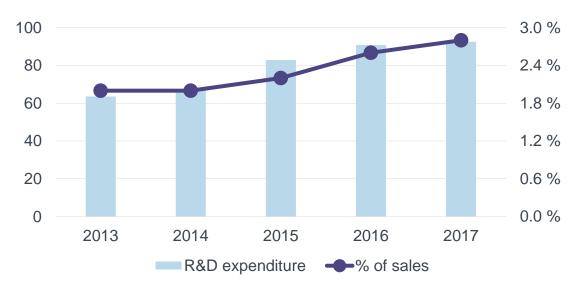
### **Capital expenditure**



### **Main capex investments:**

- Kalmar assembly unit in Stargard, Poland
- Manufacturing plant expansion in Kansas, US for Kalmar

### Research and development



### R&D investments focused on

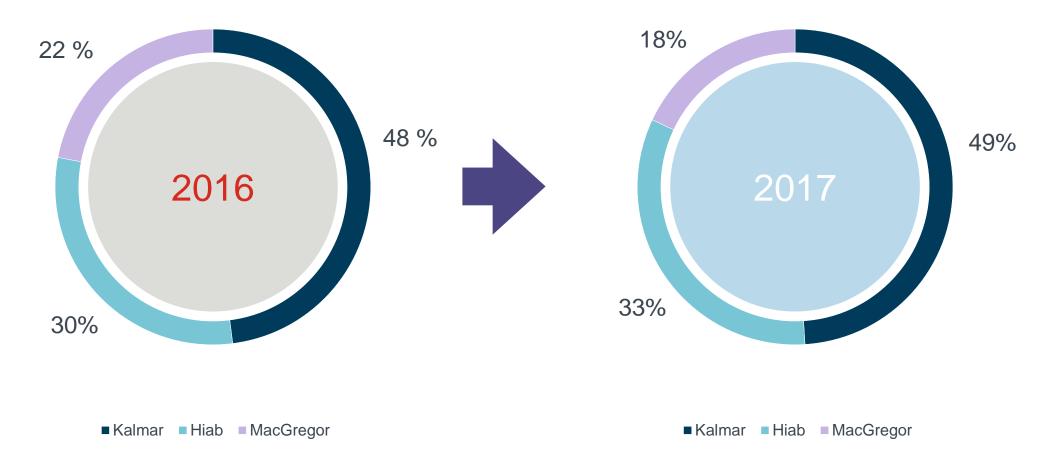
- Digitalisation
- Competitiveness and cost efficiency of products

\*) Including amortisations and impairments



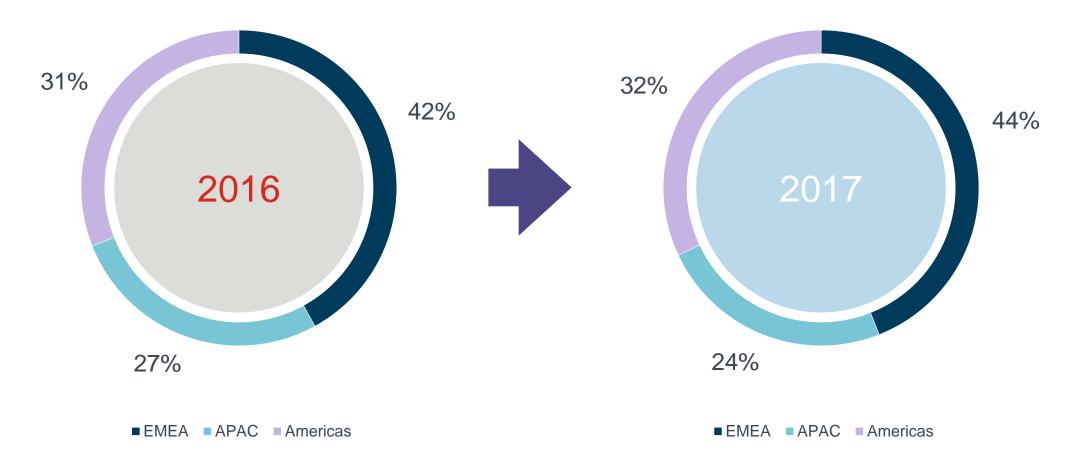
64

## Hiab's share increasing in sales mix



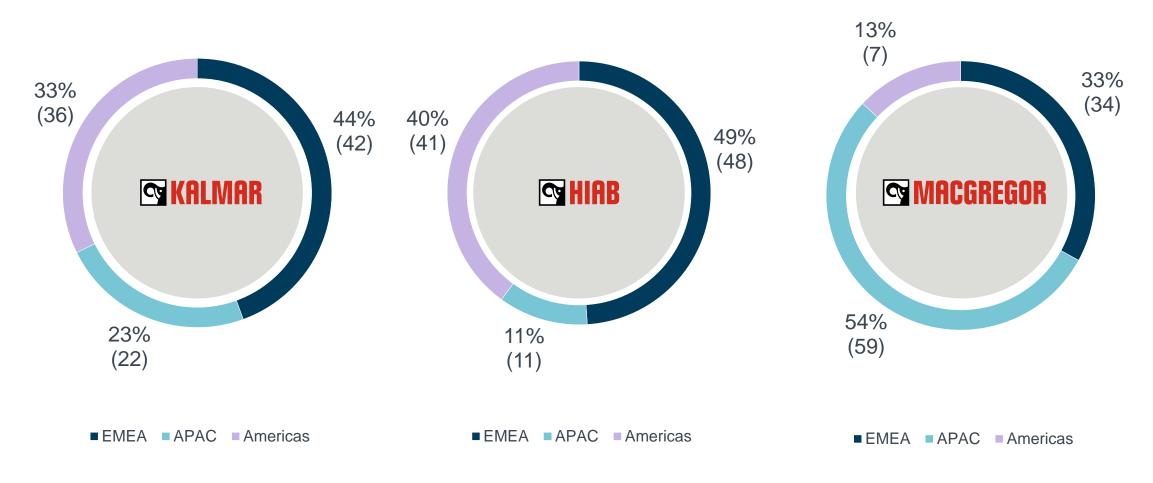


## Well diversified geographical sales mix





## Sales by geographical segment by business area 2017





## Cargotec's R&D and assembly sites



#### **EMEA**

- Arendal, Norway (MacGregor R&D)
- 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.)
- Lidhult, Sweden (Kalmar R&D)
- Bjuv, Sweden (Kalmar prod.)
- Örnsköldsvik, Sweden (MacGregor WS + WH + R&D)
- Hudiksvall, Sweden (Hiab R&D)
- Helsinki, Finland (HQ)
- Kaarina, Finland (MacGregor R&D)
- Raisio, Finland (Hiab prod.)
- Tampere, Finland (Kalmar WS + R&D)

#### **APAC**

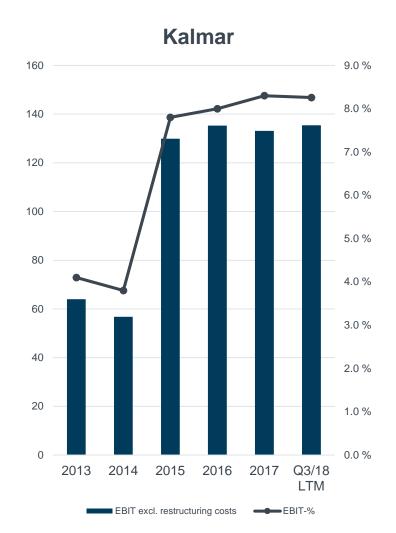
- Chungbuk, South Korea (Hiab prod.)
- Tianjin, China (MacGregor prod.)
- Bangalore, India (Kalmar prod. + R&D)
- Chennai, India (Navis–Kalmar R&D)
- Ipoh, Malaysia (Bromma prod.)
- Shanghai, China (Kalmar prod. + WH)
- Busan, South Korea (MacGregor prod.)
- Singapore, (R&D)

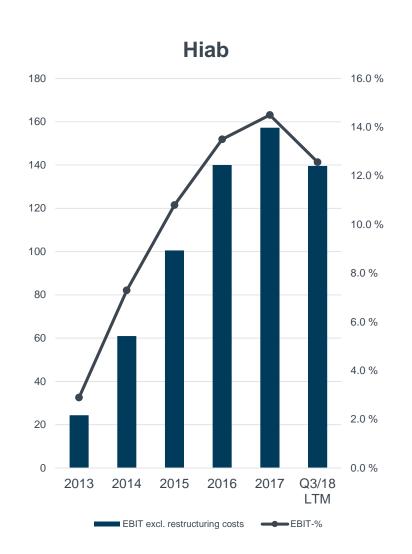
#### **Americas**

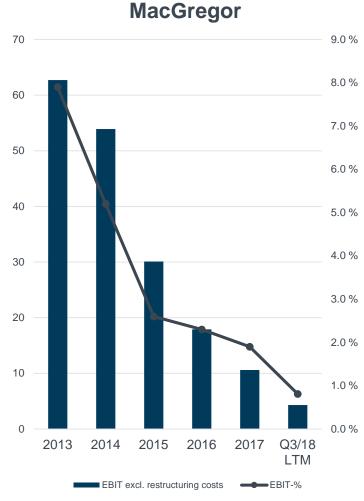
- Ottawa, Kansas (Kalmar prod.)
- Oakland, California (Kalmar R&D)
- Cibolo, Texas (Kalmar prod.)
- Tallmadge, Ohio (Hiab prod.)



## Operating profit excl. restructuring costs development



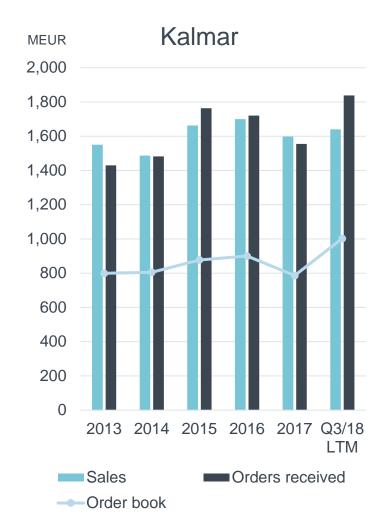


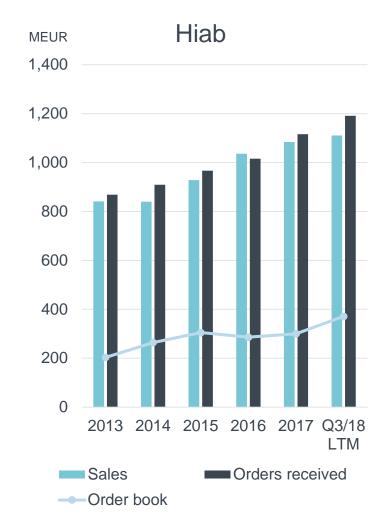


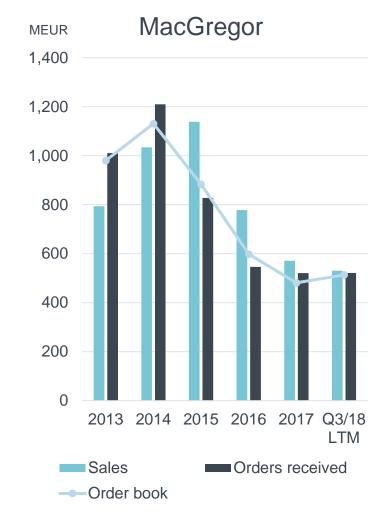


LTM=Last 12 months (Q4/17-Q3/18)

## Sales and orders received development

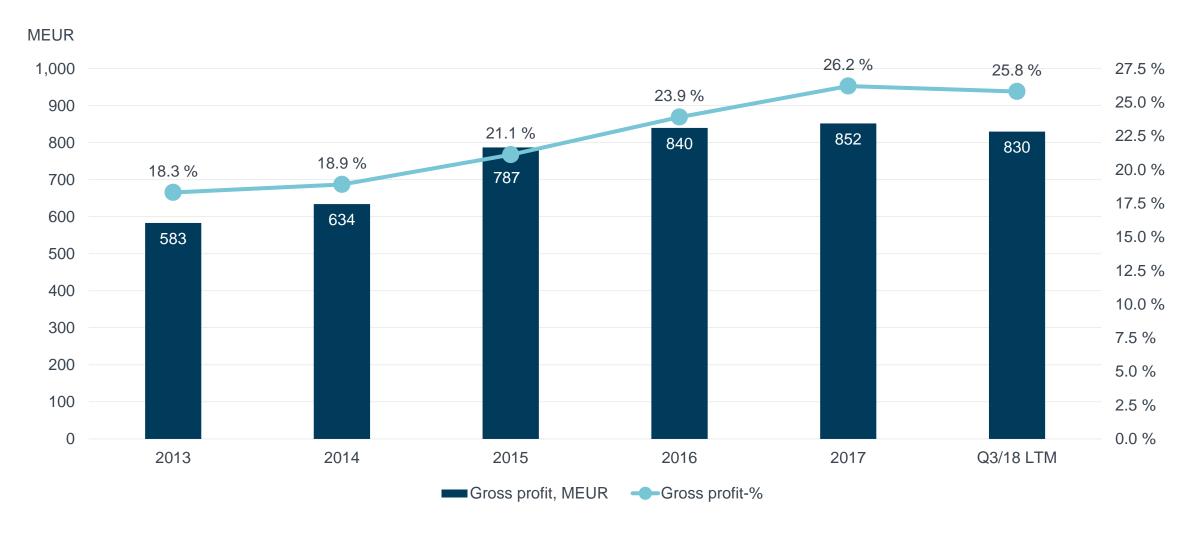








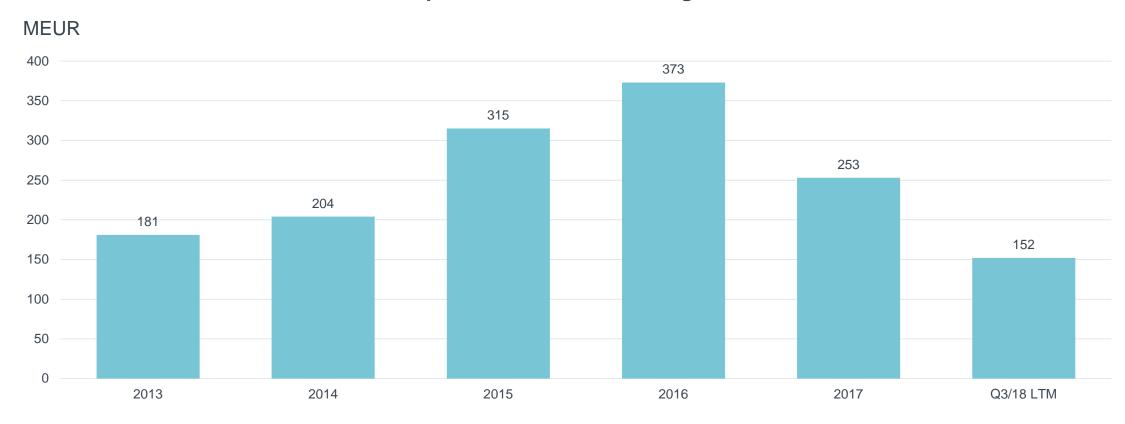
## **Gross profit development**





## Target to improve cash flow

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





### **Income statement Q3 2018**

MEUR	Q3/18	Q3/17	Q1-Q3/18	Q1-Q3/17	2017
Sales	804.6	736.1	2,393.7	2,363.6	3,249.8
Cost of goods sold	-607.8	-540.8	-1,795.3	-1,742.7	-2,397.7
Gross profit	196.7	195.3	598.4	620.9	852.1
Gross profit, %	24.4%	26.5%	25.0%	26.3%	26.2%
Other operating income	8.6	8.4	30.1	27.6	35.8
Selling and marketing expenses	-57.9	-51.9	-173.3	-165.3	-221.8
Research and development expenses	-22.2	-21.6	-70.5	-70.7	-98.2
Administration expenses	-60.3	-64.2	-188.6	-200.1	-273.6
Restructuring costs	-2.6	-4.7	-41.3	-19.2	-36.5
Other operating expenses	-8.7	-9.0	-26.3	-26.9	-36.7
Costs and expenses	-143.1	-142.9	-469.9	-454.7	-631.0
Share of associated companies' and joint ventures' net income	0.9	0.2	0.6	1.2	0.9
Operating profit	54.5	52.5	129.1	167.4	222.1
Operating profit, %	6.8%	7.1%	5.4%	7.1%	6.8%
Financing income and expenses	-7.6	-7.9	-20.1	-25.2	-32.9
Income before taxes	47.0	44.6	108.9	142.2	189.2
Income before taxes, %	5.8%	6.1%	4.6%	6.0%	5.8%
Income taxes	-9.0	-12.2	-35.0	-37.2	-56.5
Net income for the period	37.9	32.4	73.9	105.0	132.7
Net income for the period, %	4.7%	4.4%	3.1%	4.4%	4.1%
Net income for the period attributable to:					
Equity holders of the parent	37.6	32.5	73.0	105.3	132.4
Non-controlling interest	0.4	-0.1	0.9	-0.3	0.2
Total	37.9	32.4	73.9	105.0	132.7
Earnings per share for profit attributable to the equity holders of the parent:					
Basic earnings per share, EUR	0.58	0.50	1.13	1.63	2.05
Diluted earnings per share, EUR	0.58	0.50	1.13	1.63	2.05



### **Balance sheet Q3 2018**

ASSETS, MEUR	30 Sep 2018 3	0 Sep 2017 31	Dec 2017
Non-current assets			
Goodwill	956.7	994.9	986.7
Other intangible assets	251.0	262.8	260.8
Property, plant and equipment	306.8	291.8	310.8
Investments in associated companies and joint ventures	96.8	113.8	109.8
Available-for-sale investments	0.3	3.8	0.2
Loans receivable and other interest-bearing assets*	36.6	4.5	5.0
Deferred tax assets	149.1	184.5	150.0
Derivative assets	-	7.5	6.1
Other non-interest-bearing assets	10.0	7.0	8.5
Total non-current assets	1,807.3	1,870.6	1,837.9
Current assets			
Inventories	699.0	666.2	623.3
Loans receivable and other interest-bearing assets*	2.5	2.6	2.5
Income tax receivables	66.5	47.1	36.4
Derivative assets	16.9	15.1	13.3
Accounts receivable and other non-interest-bearing assets	768.7	679.1	746.8
Cash and cash equivalents*	189.3	232.5	309.1
Total current assets	1,742.9	1,642.6	1,731.4
Total assets	3,550.3	3,513.2	3,569.3

EQUITY AND LIABILITIES, MEUR	30 Sep 2018	30 Sep 2017	31 Dec 2017
Equity attributable to the equity holders of the parent			
Share capital	64.3	64.3	64.3
Share premium account	98.0	98.0	98.0
Translation differences	-39.2	-12.9	-31.2
Fair value reserves	-8.1	4.4	2.1
Reserve for invested non-restricted equity	69.0	69.0	69.0
Retained earnings	1,224.6	1,196.4	1,220.6
Total equity attributable to the equity holders of the parent	1,408.5	1,419.1	1,422.8
Non-controlling interest	2.9	2.3	2.3
Total equity	1,411.4	1,421.4	1,425.1
Non-current liabilities			
Interest-bearing liabilities*	585.6	730.3	673.8
Deferred tax liabilities	17.7	75.5	12.7
Pension obligations	87.2	83.0	87.5
Provisions	14.9	19.3	17.1
Other non-interest-bearing liabilities	57.5	59.4	61.5
Total non-current liabilities	763.0	967.4	852.6
Current liabilities			
Current portion of interest-bearing liabilities*	166.9	17.6	83.8
Other interest-bearing liabilities*	124.7	35.0	37.6
Provisions	87.4	103.4	103.5
Advances received	81.9	141.4	126.9
Income tax payables	42.9	17.0	49.1
Derivative liabilities	9.3	5.6	6.4
Accounts payable and other non-interest-bearing liabilities	862.7	804.4	884.4
Total current liabilities	1,375.9	1,124.3	1,291.7
Total equity and liabilities	3,550.3	3,513.2	3,569.3



### Cash flow statement Q3 2018

MEUR	Q1-Q3/18	Q1-Q3/17	2017
Net income for the period	73.9	105.0	132.7
Depreciation, amortisation and impairment	57.6	52.7	72.0
Other adjustments	73.0	65.0	92.3
Change in net working capital	-164.7	-81.5	-43.6
Cash flow from operations before financing items and taxes	39.8	141.1	253.5
Cash flow from financing items and taxes	-83.8	-67.9	-72.6
Net cash flow from operating activities	-44.0	73.3	180.9
Acquisitions of businesses, net of cash acquired	-20.2	-1.3	-14.4
Disposals of businesses, net of cash sold	-15.8	-1.2	-1.2
Investments in associated companies and joint ventures	-0.5	-4.7	-4.7
Cash flow from investing activities, other items	-48.2	-44.5	-69.3
Net cash flow from investing activities	-84.8	-51.8	-89.7
Treasury shares acquired	-6.1	-	-
Acquisition of non-controlling interests	-	-0.4	-0.4
Proceeds from long-term borrowings	50.0	250.0	253.2
Repayments of long-term borrowings	-66.6	-241.4	-243.1
Proceeds from short-term borrowings	95.2	9.4	7.6
Repayments of short-term borrowings	-3.0	-33.6	-17.7
Profit distribution	-65.8	-61.6	-62.2
Net cash flow from financing activities	3.6	-77.7	-62.6
Change in cash and cash equivalents	-125.2	-56.2	28.6
Cash and cash equivalents, and bank overdrafts at the beginning of period	284.7	260.8	260.8
Effect of exchange rate changes	1.0	9.4	-4.6
Cash and cash equivalents, and bank overdrafts at the end of period	160.5	214.0	284.7
Bank overdrafts at the end of period	28.8	18.4	24.4
Cash and cash equivalents at the end of period	189.3	232.5	309.1



# 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

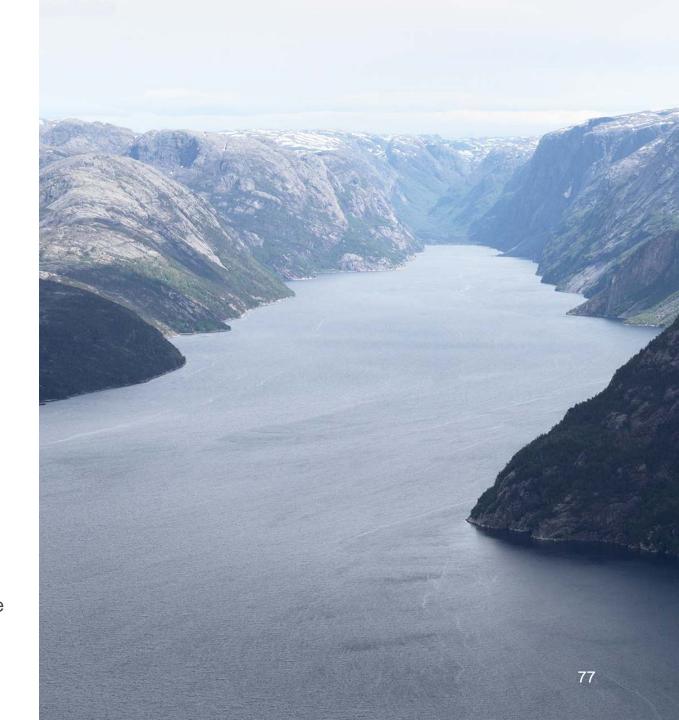
Our vision to be the leader in intelligent cargo handling also drives sustainability

- 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 18%\* of the total revenue in 2017:

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 modernizations



# 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



empty containers



# 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 6.1
- Human rights supply chain management and energy on the agenda in 2018













# Performance highlights 2017

82% of employees conducted the code of conduct e-learning tool

Permanent Code of Conduct panel and case investigation process

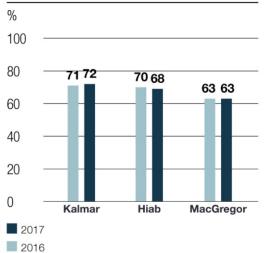
#### **INDUSTRIAL INJURY FREQUENCY RATE\***



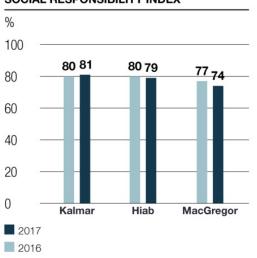
Number of lost time injuries \*IIFR and number of injuries cover Cargotec production sites

\*\*Number of injuries per million hours worked





#### SOCIAL RESPONSIBILITY INDEX\*

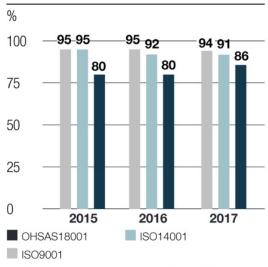


\*Employee view about the company social responsibility

Supplier code of conduct sent to all strategic suppliers

Offering for ecoefficiency 18% of total sales

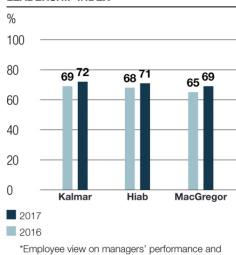
#### **CERTIFICATION COVERAGE\***



\*Share of certified sites' sales volume of the total sales volume

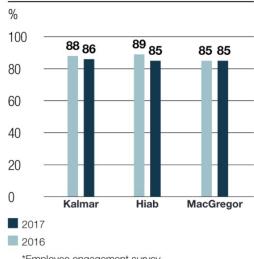
\*\*Number of injuries per million hours worked

#### **LEADERSHIP INDEX\***



leadership skills

#### **COMPASS\* COMPLETION RATE**



\*Employee engagement survey

Investor presentation

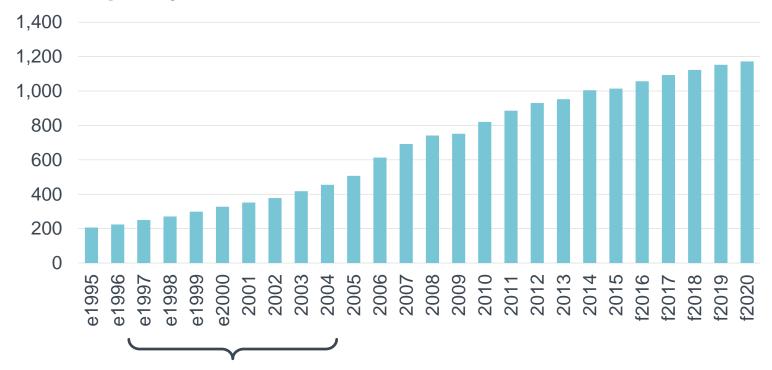
November 2018

# 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:

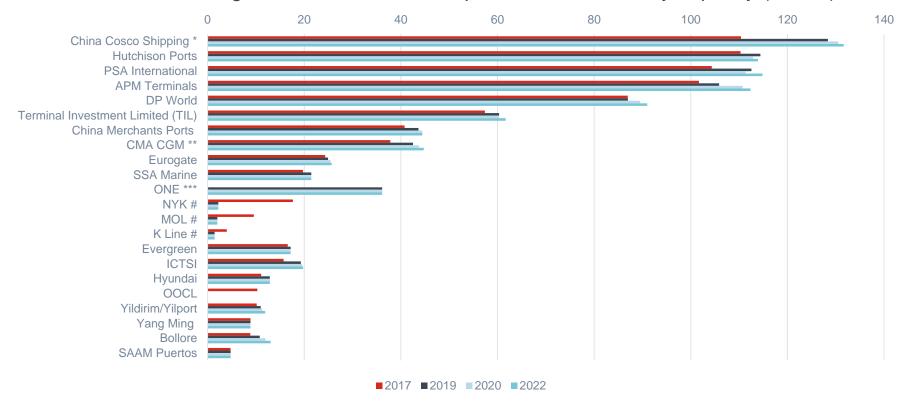
- STS 25 yrs
- RTG -15 yrs
- SC 8-10 yrs
- RS/ECH/TT 8 yrs

Replacement after lifetime of equipment



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

#### Largest container terminal operators measured by capacity (MTEU)



Source: Drewry

Figures include total capacity for all terminals in which shareholding held (regardless of size of shareholding), i.e. includes double counting



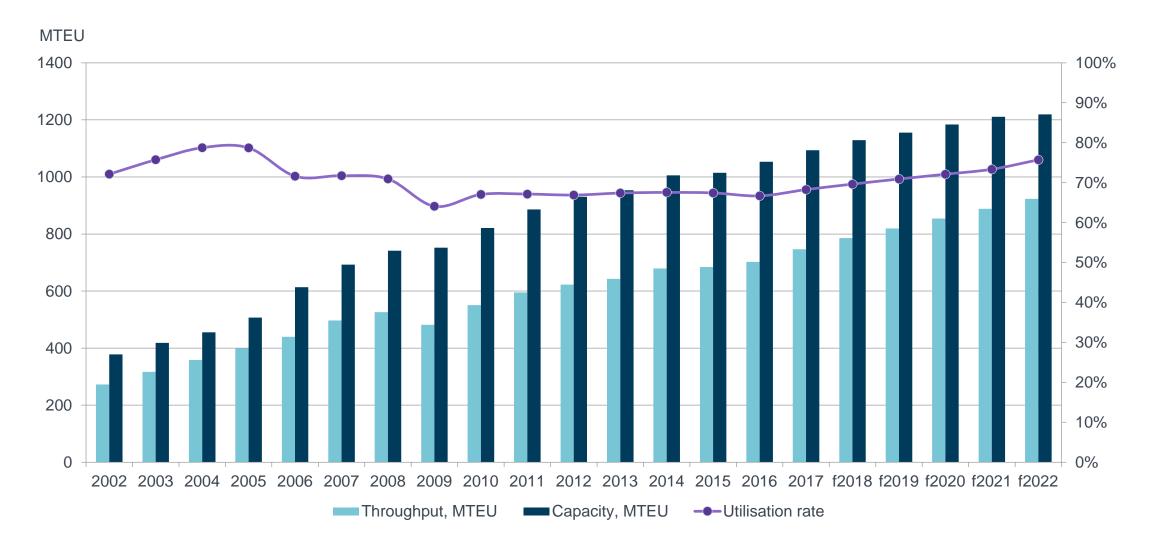
<sup>\*</sup> Cosco figure does not include OOCL terminals in 2017 and 2018 as acquisition not finalised. Chinese and Taiwanese terminals included from 2019 onwards, Long Beach excluded

<sup>\*\*</sup> CMA CGM includes APL terminals

<sup>\*\*\*</sup> International terminals of NYK, K Line and MOL combined as part of ONE merger

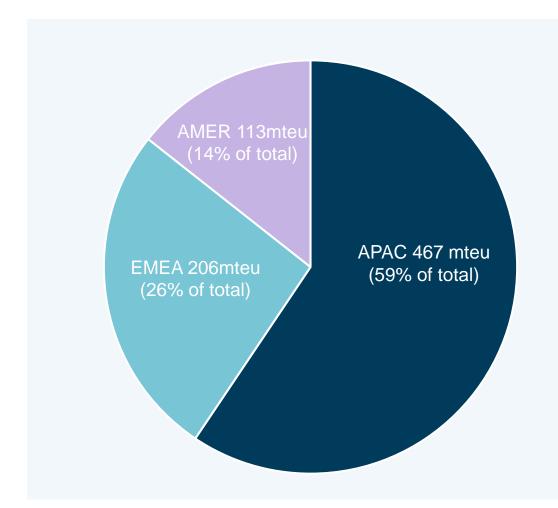
<sup>#</sup> Japenese terminals only from 2019 onwards

# Global container throughput and capacity development





# 59% of global container throughput is expected to take place in APAC in 2018



Global container throughput expected to grow 5.3% in 2018

- APAC +5.6% (+24 mteu)
- EMEA +5.4% (+11 mteu)
- AMER +3.7% (+4 mteu)

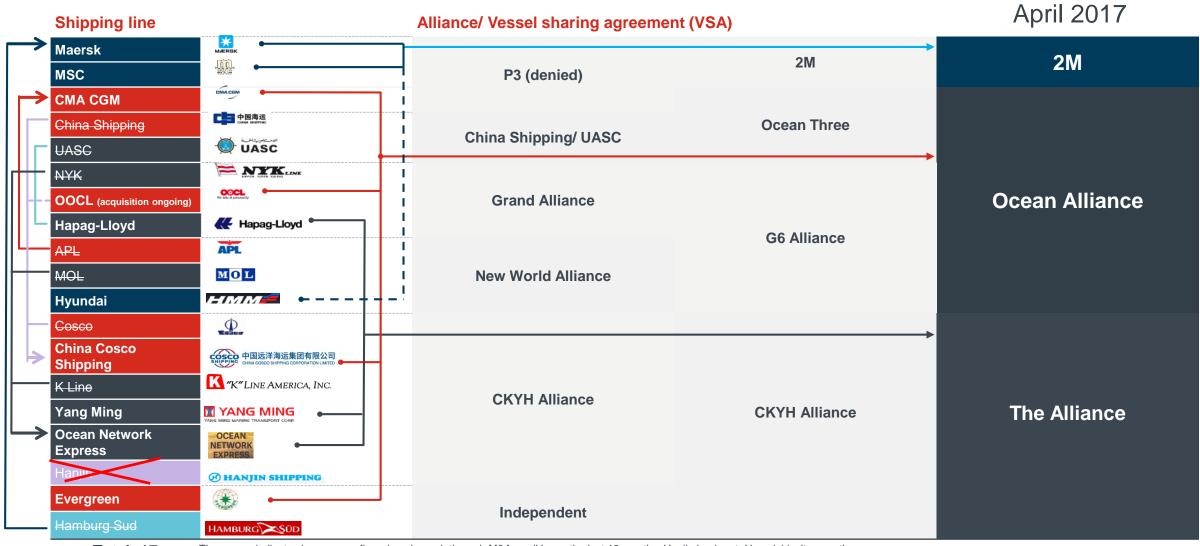
→ 63% of growth will come from APAC

Source: Drewry: Container forecaster Q3 2018



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

Most probably in mid 2018 there will be only 9 major global shopping lines



Total: 17 • The arrows indicate changes, confirmed or planned, through M&A or JV over the last 18 months. Hanjin bankrupt. Hyundai isn't currently company of any alliance, but formed a cooperative relationship with 2M.

cean Network Express (ONE) launch April 2018.

SCO Shipping's planned acquisition of OOCL expected to completed by the end of June

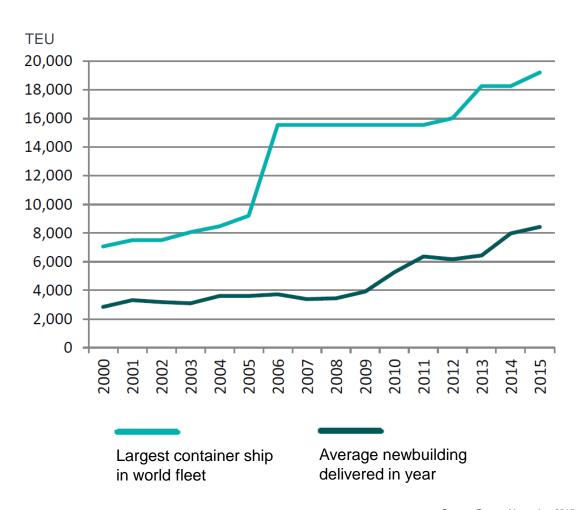
Analyse excludes Zim, PIL and Wan Hai

Investor presentation

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





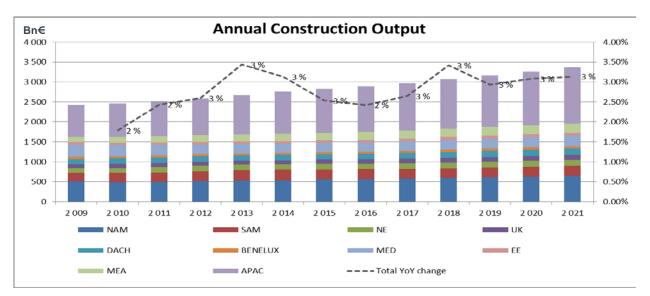
Source: Drewry November 2015

89

# Hiab appendix



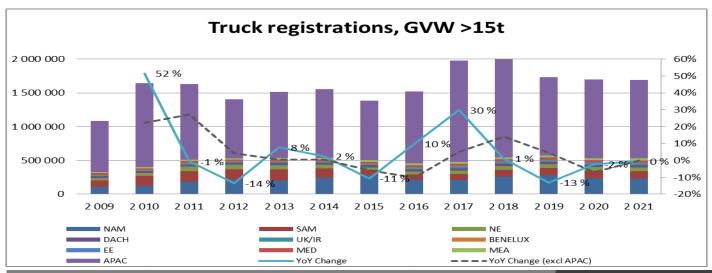
### **Construction output forecast**



Changes vs last Forecast							YoY changes						
	2017	2018	2019	2020	2021		2017	2018	2019	2020	2021		
NAM	0.0%	0.0%	-0.1%	-0.1%	-0.1%	NAM	1.2%	3.3%	2.1%	2.4%	2.3%		
SAM	0.0%	-1.7%	-2.4%	-2.3%	-2.5%	SAM	-2.4%	0.8%	1.8%	2.9%	3.1%		
NE	0.1%	-4.1%	-3.6%	-3.8%	-3.7%	NE	3.2%	0.3%	2.3%	1.7%	1.7%		
UK	1.2%	5.6%	5.8%	5.3%	4.7%	UK	7.3%	0.7%	1.2%	1.4%	1.5%		
DACH	0.3%	0.4%	0.3%	0.3%	0.7%	DACH	2.6%	2.6%	2.4%	1.6%	1.2%		
BENELUX	-2.0%	-0.7%	-0.7%	-0.7%	-0.5%	BENELUX	4.0%	5.3%	2.0%	1.5%	1.6%		
MED	-0.1%	0.1%	0.4%	0.5%	0.3%	MED	2.9%	2.9%	2.7%	2.5%	2.3%		
EE	-0.3%	3.0%	2.7%	2.7%	2.7%	EE	7.2%	8.6%	3.4%	3.1%	3.0%		
MEA	-1.3%	-1.2%	-1.4%	-1.2%	-1.4%	MEA	1.7%	3.4%	3.6%	3.8%	4.0%		
APAC	0.1%	-0.7%	-0.9%	-0.9%	-0.9%	APAC	3.7%	4.5%	3.8%	4.0%	4.2%		
Total	0.0%	-0.4%	-0.5%	-0.5%	-0.6%	Total	2.6%	3.4%	2.9%	3.1%	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	-1.1%	-4.1%	-0.6%	-12.0%	-11.0%	NAM	0.6%	21.6%	7.7%	-14.7%	-4.3%
SAM	0.1%	8.3%	4.0%	0.8%	-1.1%	SAM	8.4%	20.4%	3.9%	1.0%	2.3%
NE	-2.8%	-8.8%	-10.1%	-8.0%	-9.4%	NE	24.3%	6.0%	2.8%	4.9%	1.1%
DACH	0.0%	4.9%	2.5%	1.3%	1.1%	DACH	1.9%	2.5%	-4.6%	-7.7%	3.8%
UK/IR	0.0%	4.5%	-1.7%	-1.1%	3.8%	UK/IR	-1.6%	-6.5%	-2.2%	3.5%	8.2%
BENELUX	0.0%	1.5%	2.2%	2.3%	8.3%	BENELUX	9.6%	-7.7%	-2.2%	-1.4%	6.6%
EE	0.4%	7.3%	2.9%	3.8%	4.2%	EE	-0.8%	15.9%	2.6%	7.3%	2.5%
MED	9.5%	6.7%	1.1%	1.1%	0.8%	MED	21.0%	-0.7%	1.3%	-7.9%	5.3%
MEA	0.0%	1.0%	2.7%	0.6%	1.1%	MEA	-1.4%	0.4%	4.9%	7.5%	3.8%
APAC	-0.3%	14.9%	2.7%	0.8%	0.9%	APAC	40.4%	-3.2%	-19.9%	-0.1%	-0.5%
Total	-0.3%	10.3%	1.7%	-1.5%	-1.3%	Total	29.8%	1.0%	-13.2%	-2.3%	-0.4%

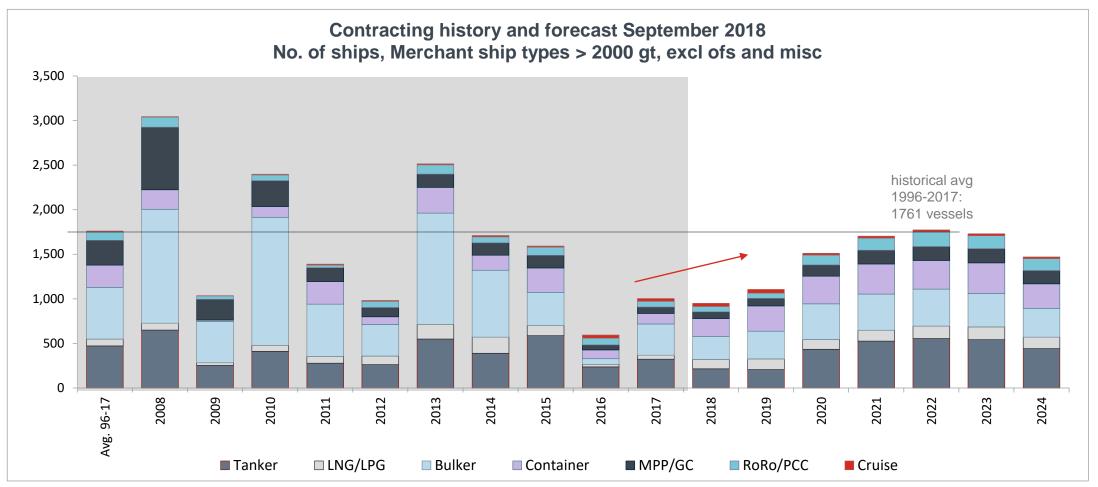


# MacGregor appendix



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

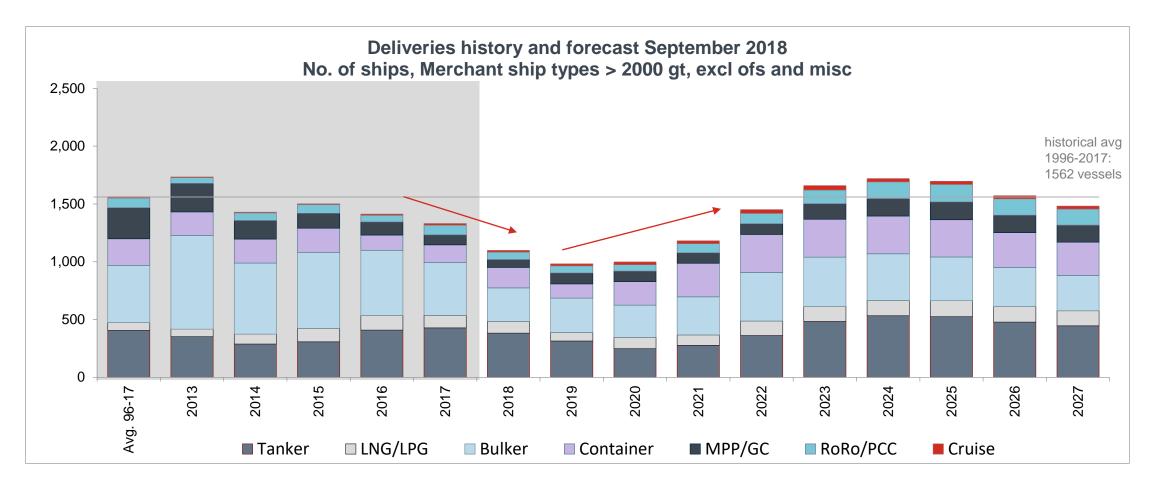
Merchant ship types > 2000 gt, base case





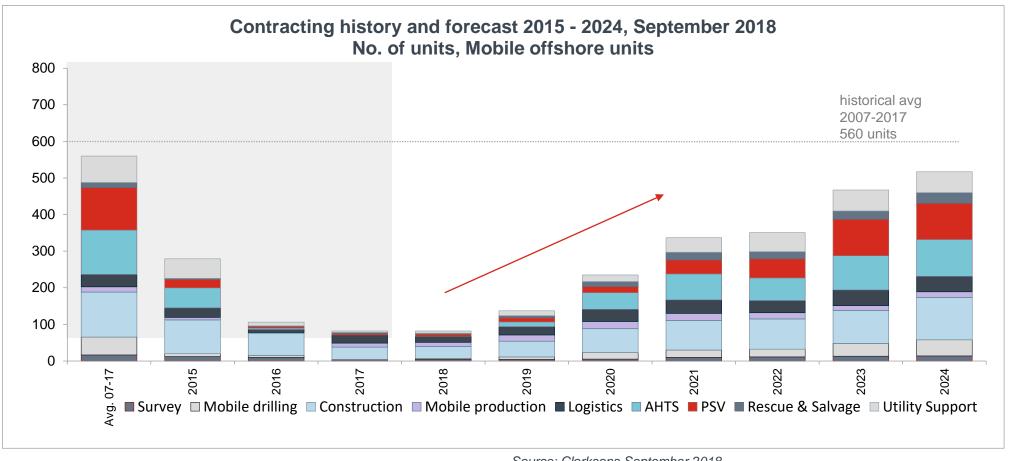
### Merchant ships: Deliveries forecast by shiptype (no of ships)

Merchant ship types > 2000 gt, base case



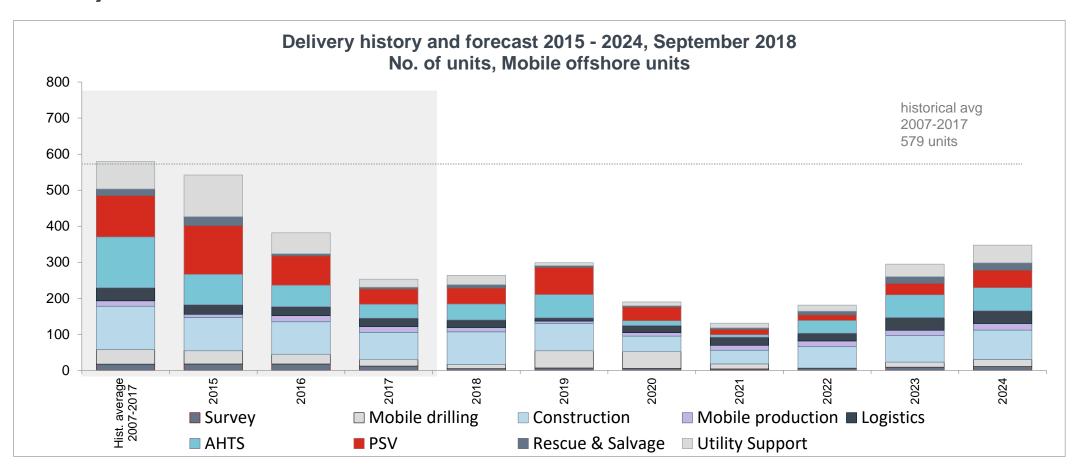


# Offshore mobile units: Contracting forecast by shiptype (number of units)





# Offshore mobile units: Deliveries forecast by shiptype (no of units)

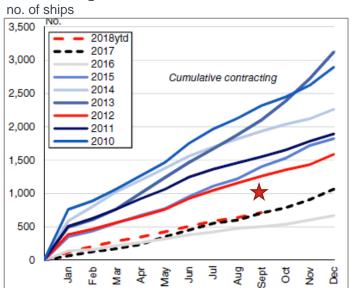




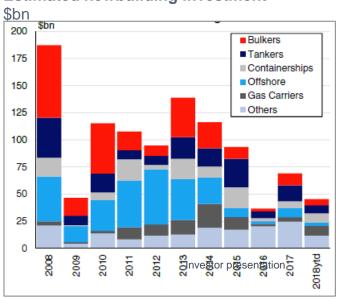
# Shipbuilding - contracting ships >2000 gt/dwt

Global Contracting Activity (1st October 2018)												
		N	lo.				Sbn		m. CGT			
	2016	2017	2018ytd	%y-o-y*	2016	2017	2018ytd	%у-о-у*	2016	2017	2018ytd	%y-o-y*
TOTAL (>2,000 Dwt/GT**)	668	1,066	714	-11%	36.6	69.2	45.4	-12%	13.4	27.1	21.2	5%
Vessel Type												
Bulkers	60	353	185	-30%	2.5	10.9	5.6	-31%	1.6	7.9	4.2	-29%
Tankers	236	326	158	-35%	6.4	14.9	7.6	-32%	3.8	8.1	4.2	-30%
Containerships	99	122	150	64%	2.8	6.0	8.4	87%	1.9	3.6	4.9	82%
Gas Carriers	29	44	74	124%	2.4	4.2	8.8	184%	0.9	1.7	4.0	222%
Offshore	61	35	23	-12%	2.3	8.7	3.0	-54%	0.6	0.8	0.6	-13%
Others	183	186	124	-11%	20.3	24.6	12.0	-35%	4.5	4.9	3.3	-12%
Builder Country												
China	276	538	305	-24%	8.0	19.6	11.7	-21%	4.6	11.3	6.5	-23%
South Korea	77	199	214	43%	4.4	17.8	19.5	46%	2.3	7.5	9.7	73%
Japan	131	131	108	10%	3.8	4.8	3.7	1%	2.3	2.6	2.4	26%
Europe	118	92	60	-13%	18.8	22.8	9.3	-45%	3.6	3.9	2.1	-29%
Other	66	106	27	-66%	1.6	4.2	1.2	-61%	0.6	1.9	0.6	-59%

#### **Contracting Volumes 2009-2018**



#### **Estimated newbuilding investment**



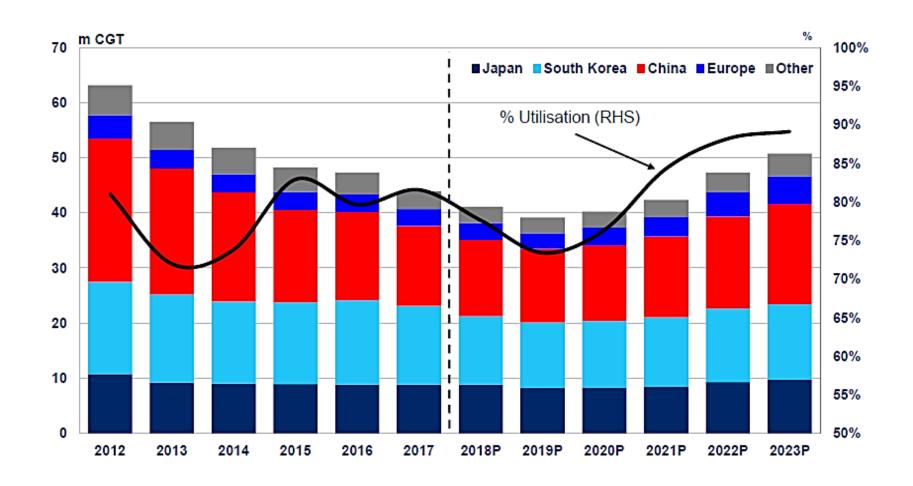
Source: Clarksons September 2018

November 2018 98



### Shipbuilding capacity and utilisation scenario

Source: Clarksons Research September 2018



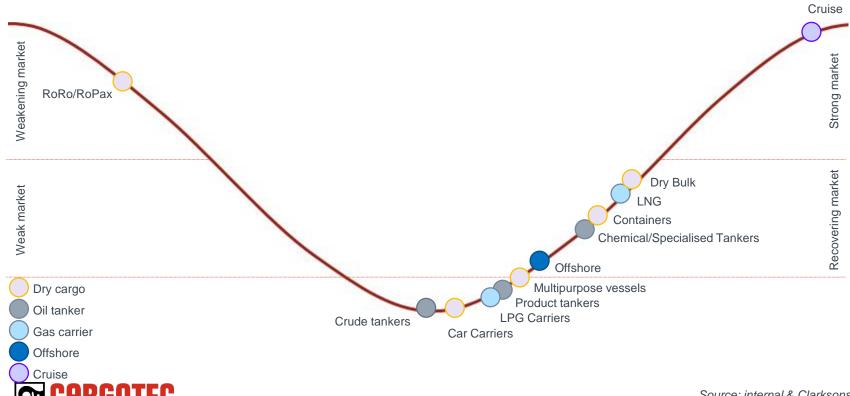


### Markets recovering slowly

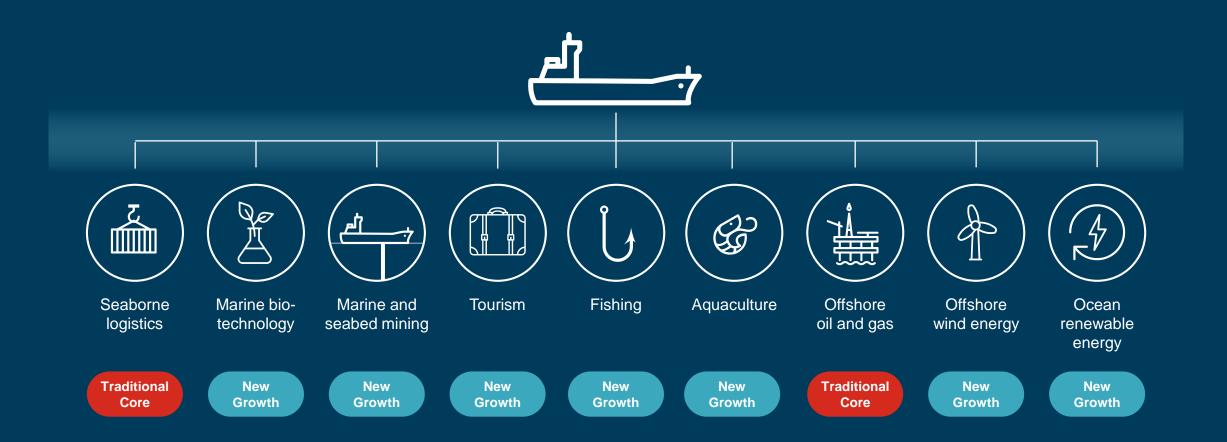
Fragile early recovery in container and bulk shipping in risk due to possible trade war impact on global trade Offshore shipping recovery still to take some more time and further restructuring on way to stable recovery

#### Shipping cycle positions; freight/earnings cycles

indicative, timeline of each cycle not defined and varies



# 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.



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