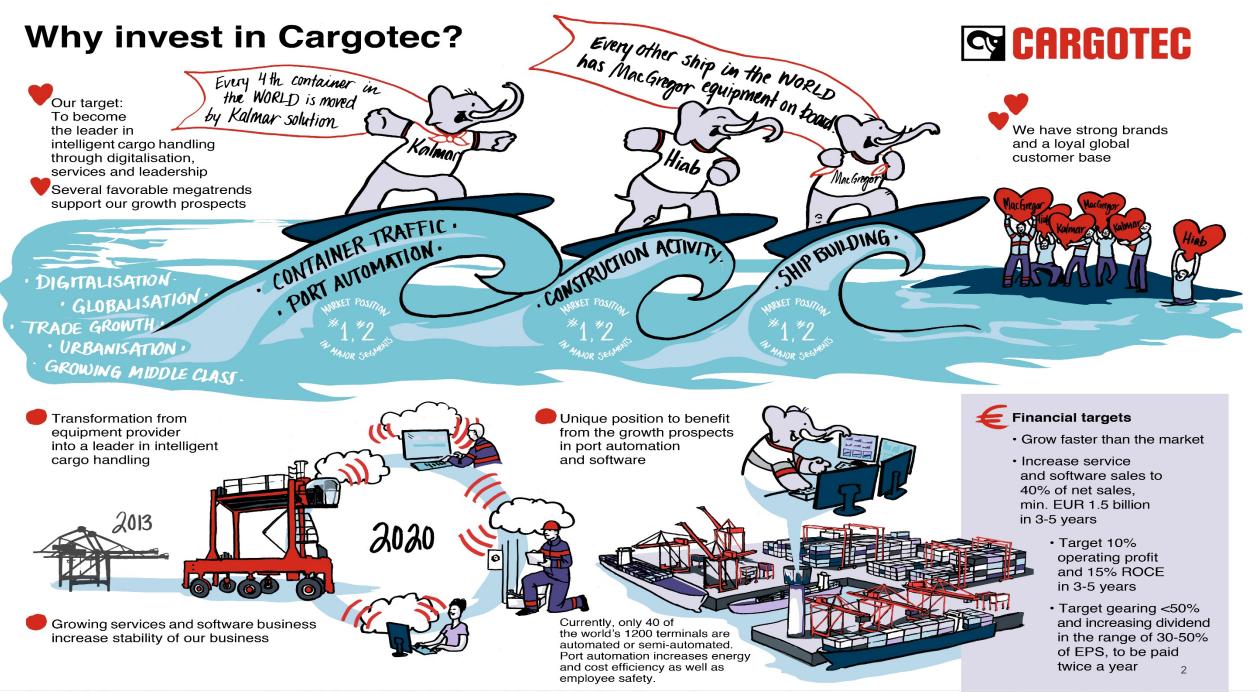
Investor presentation, July 2018

# Becoming the leader in intelligent cargo handling



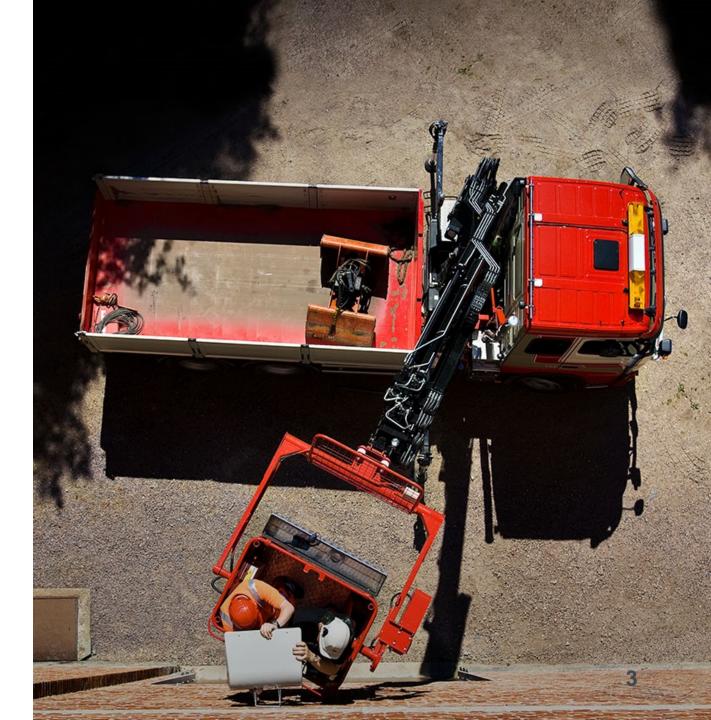


Contact details: firstname.lastname@cargotec.com I Hanna-Maria Heikkinen, Vice President, investor relations I Pekka Rouhiainen, IR manager I www.cargotec.com/investors

## Content

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



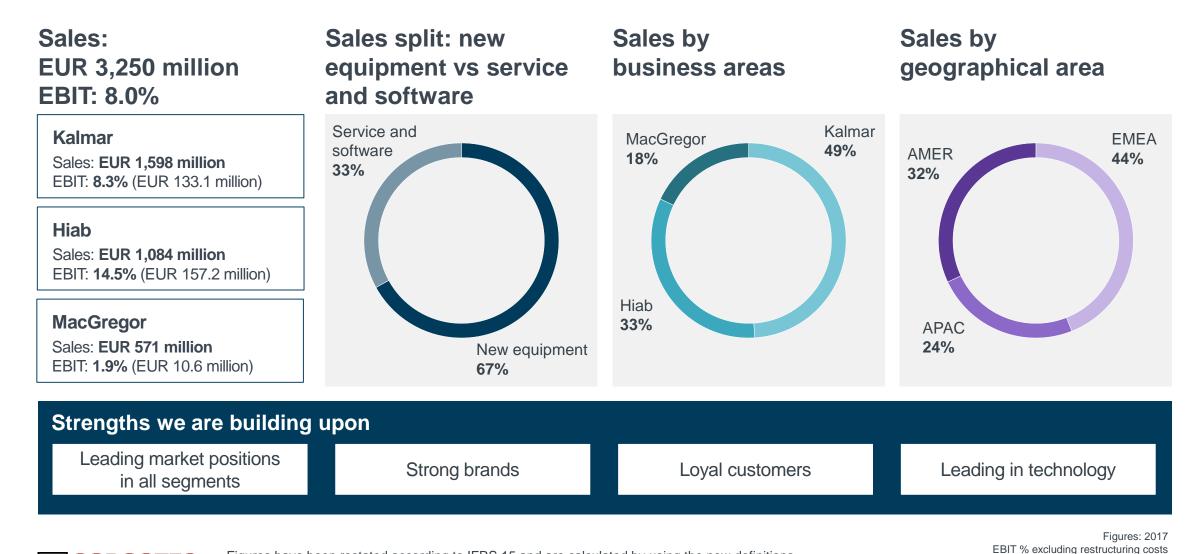


## Cargotec in brief





## Strong global player with well-balanced business





Figures have been restated according to IFRS 15 and are calculated by using the new definitions for the equipment, service and software businesses announced in March 2018

Investor presentation

### **Key competitors**

Cargotec is a leading player in all of its business areas





## **Currently two businesses performing well**

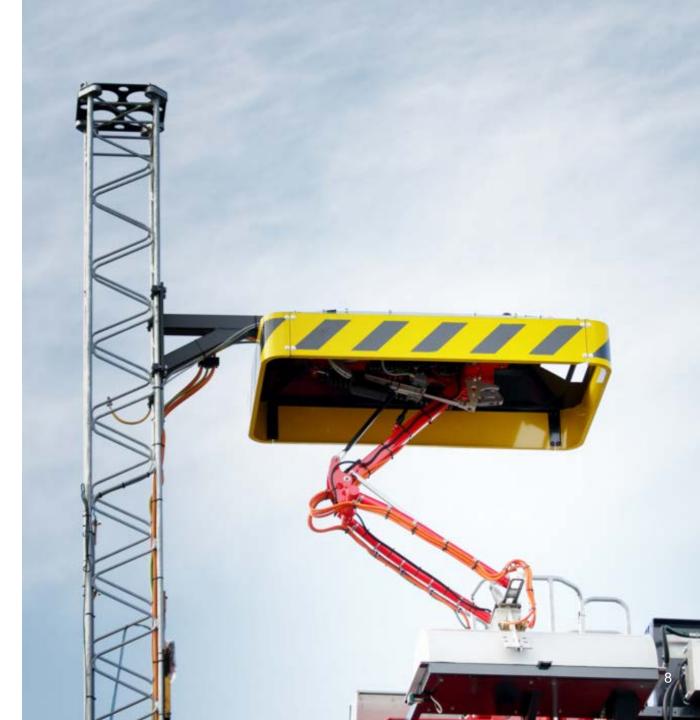
Net sales* in Q3/17-Q2/18 EUR million		Trend in orders, last 12 months	Profitability: EBIT margin, last 12 months
~400 ~1,200 <b>3,211</b>	Kalmar software (Navis) and Automation and Projects division	$\rightarrow$	Low due to long term investments
	MacGregor	+8%	1.3%
~1,100	Hiab	+8%	13.5%
<ul> <li>Kalmar equipment</li> <li>Hiab</li> <li>MacGregor Kalmar APD and software</li> </ul>	Kalmar equipment and service (excluding Automation and Projects Division & Navis)	$\rightarrow$	Low double digit * Figures rounded to closest 100 million

**CARGOTEC** 

Figures have been restated according to IFRS 15 and are calculated by using the new definitions for the equipment, service and software businesses announced in March 2018

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## 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. Transforming from equipment provider into the 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. We are transforming from equipment provider into a leader in intelligent cargo handling

**2013** Product leadership

Good equipment company

→ Product R&D drives offering development and higher gross profit 2018

Services leadership

World-class service offering

- → Connected equipment and data analytics building value on data
- $\rightarrow$  Significant software business

2020

Leader in intelligent cargo handling

40% of the sales from services and software

→ More efficient and optimised cargo handling solutions

MUST-WINS

Lead digitalisation

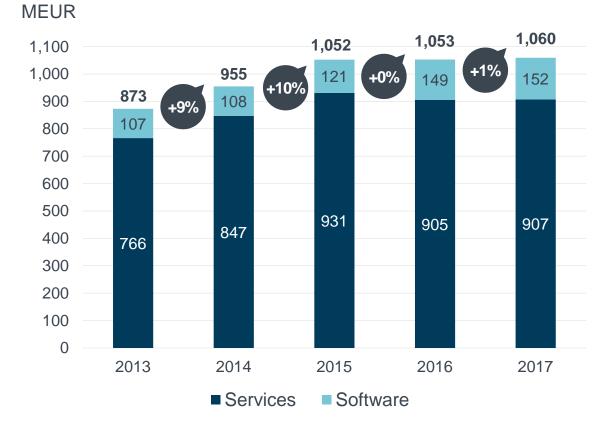
World-class service offering

Build world-class leadership



## 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



\*) Software sales defined as Navis business unit and automation software Year 2017 figures have been restated according to IFRS 15 and 2013-2017 figures are calculated by using the new definitions for the equipment, service and software businesses announced in March 2018

## 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			
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\*

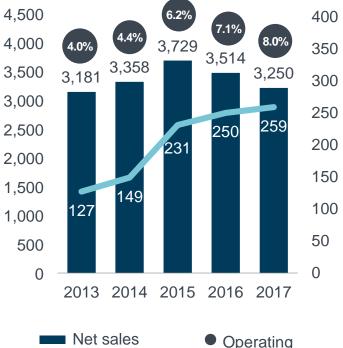
Higher service and software sales key driver for profitability improvement

Cost savings actions:

- 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



Operating profit\*\* profit\*\* margin

\*Target announced in September 2017 \*\*Excluding restructuring costs



## Kalmar





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

**TEU** million

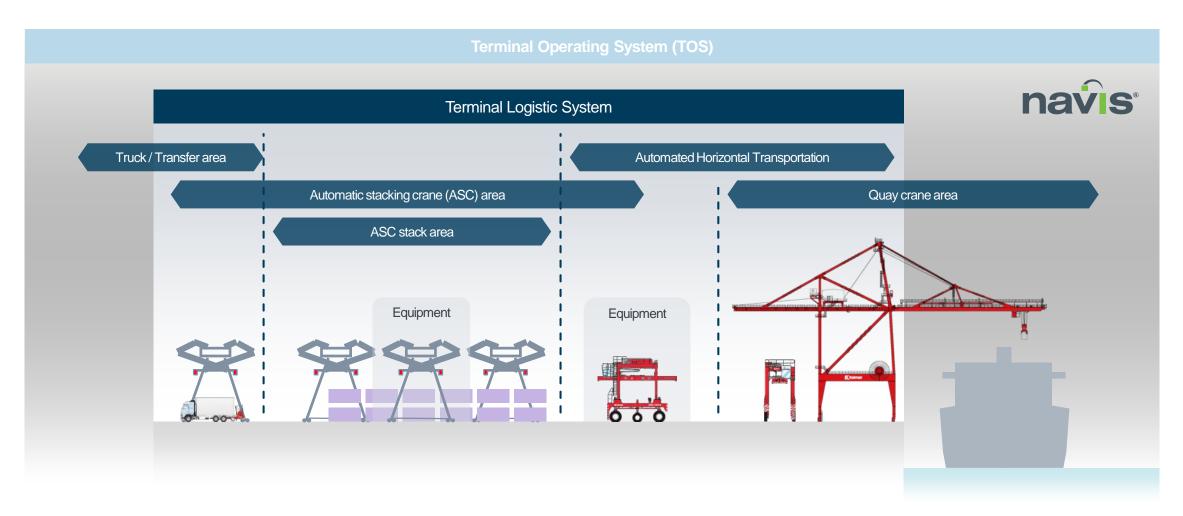


■ APAC ■ EMEA ■ AMER



2016-2022: Drewry: Container forecaster Q2 2018 2015 Drewry: Container forecaster Q1 2018 2013-2014 Drewry Global Container Terminal Operators Annual Report 2013 Investor presentation

### 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

### navis

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

Navis provides also maritime shipping solutions:

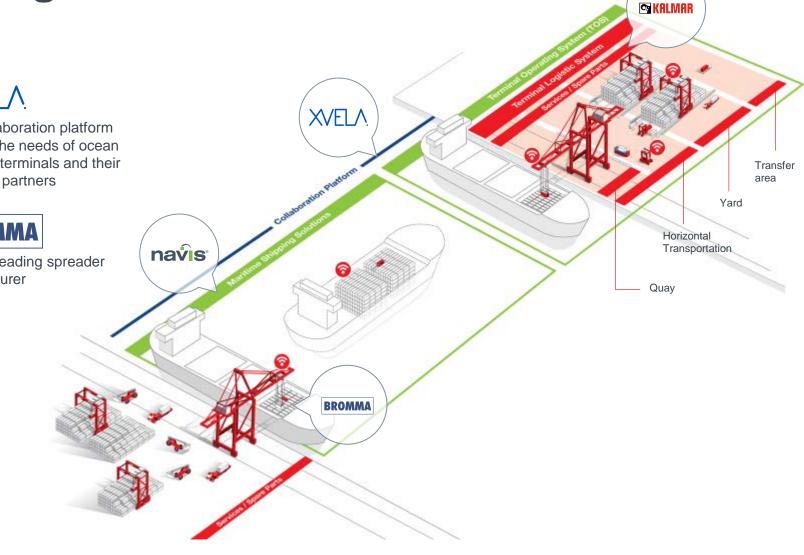
- Stowage planning
- Vessel monitoring
- Loading computer
- Route planning

### XVELA.

The collaboration platform serving the needs of ocean carriers, terminals and their shipping partners

### BROMMA

Industry leading spreader manufacturer





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## **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



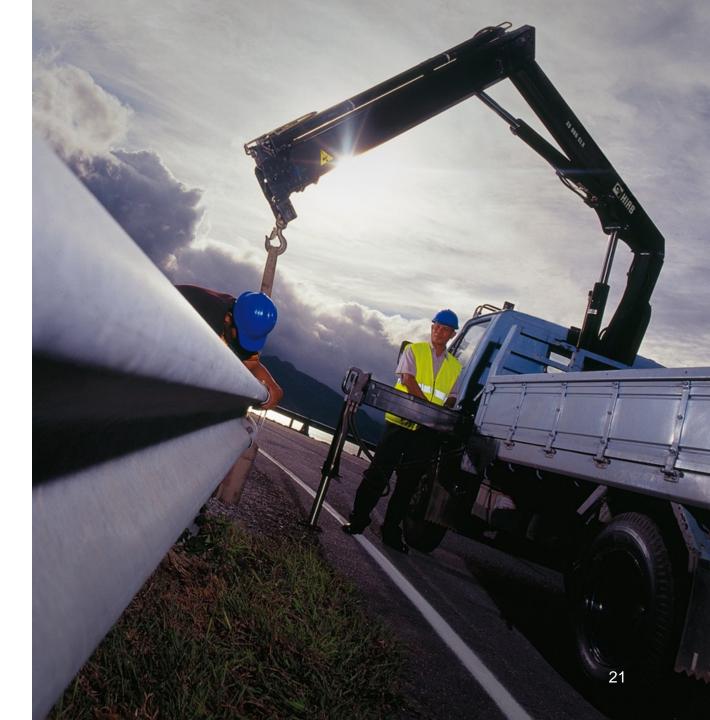


## Services provide our biggest medium term growth opportunity

Market	Equipment & Projects	Software	Services
share	20-30%	20-30%	3-5%
Market size	6B€	0.5-1B€	8B€
-5120		0.0-100	



## Hiab

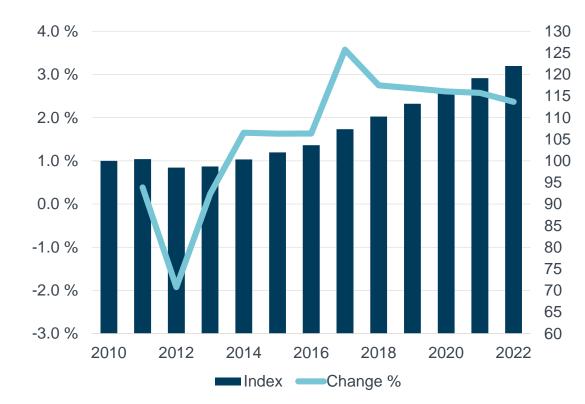




### **Construction output driving growth opportunity**

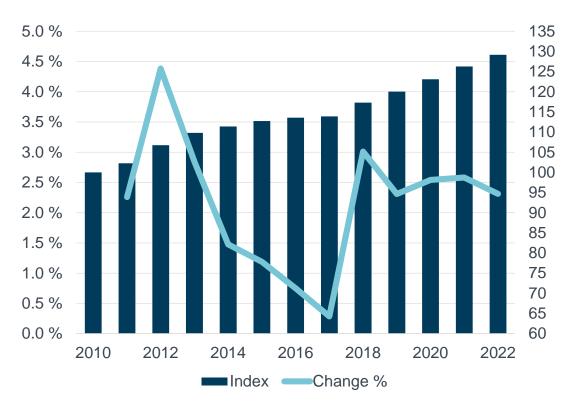
### **EMEA** construction output

y/y change (%)



### **AMER construction output**

y/y change (%)



Oxford Economics: Industry output forecast 6/2018

### Strong market positions in all product lines

	MARKET SIZE* EUR billion)	KEY SEGMENTS	HIAB POSITION & TREND
LOADER CRANES	~1.3	Construction and Logistics	#1-2 🕢
TAIL LIFTS	~0.5	Retail Logistics	#1 🕢
DEMOUNTABLES	~0.5	Waste and Recycling	#1 🕢
TRUCK MOUNTED FORK LIFTS	~0.3	Construction and Logistics	#1
FORESTRY CRANES	~0.2	Timber, Pulp and Paper	#2 🔽

\*) 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

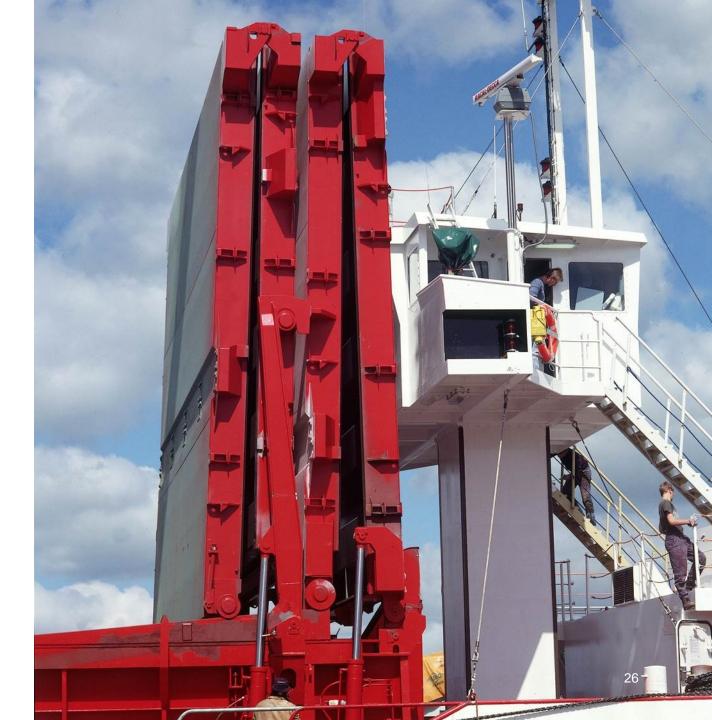


**Services** 

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

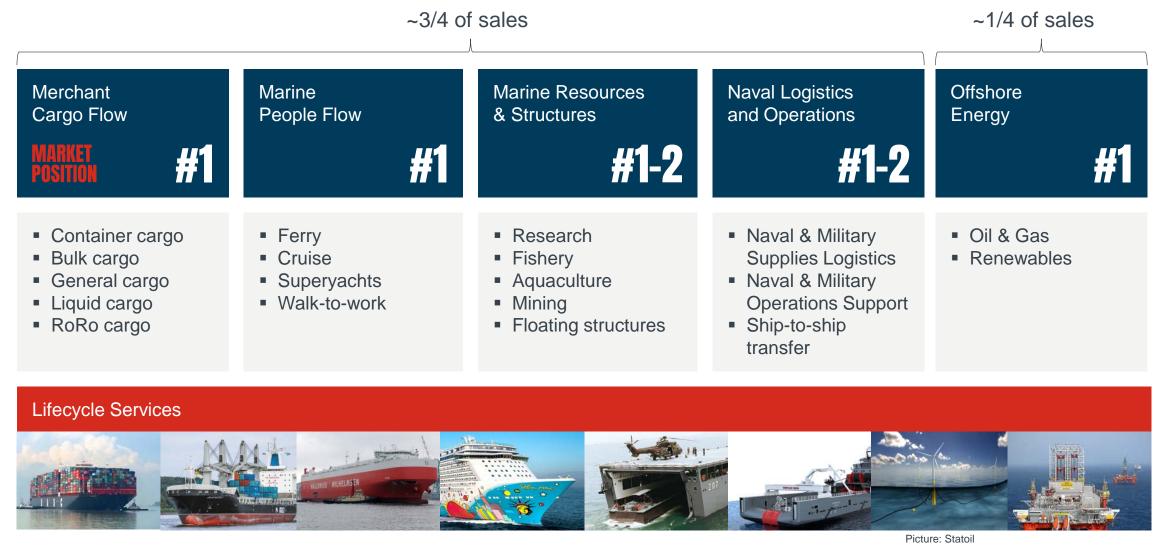


## MacGregor



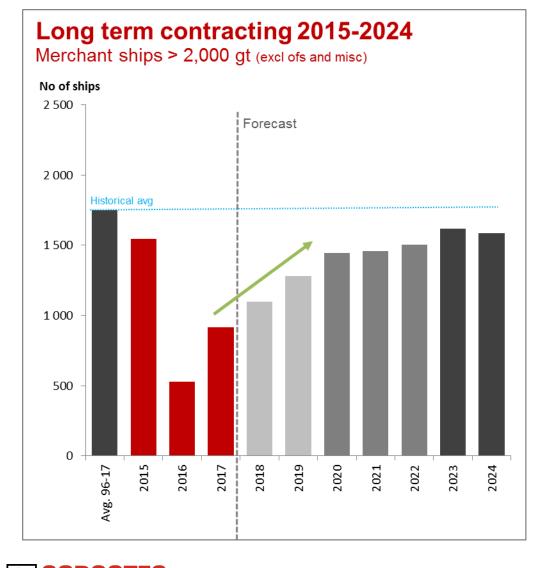


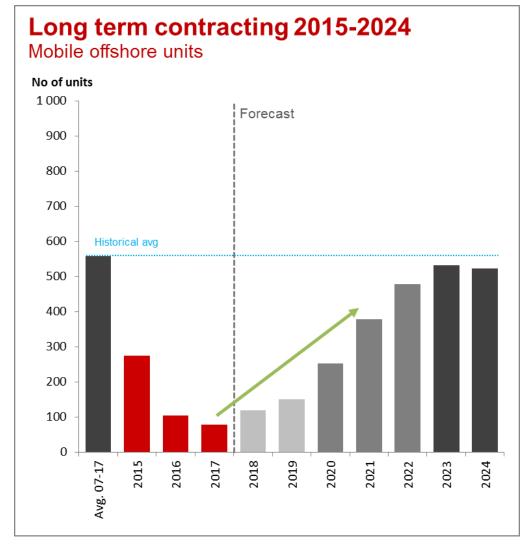
### We are an active leader in all maritime segments





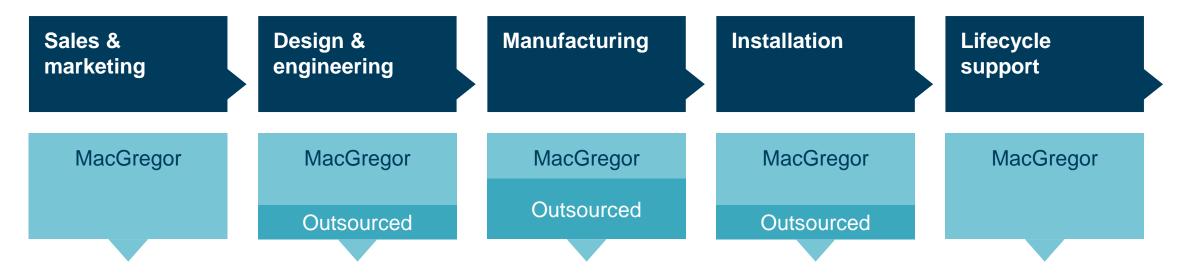
### Merchant Ships and Offshore contracting activity picking up





Source: Clarksons March 2018

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



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

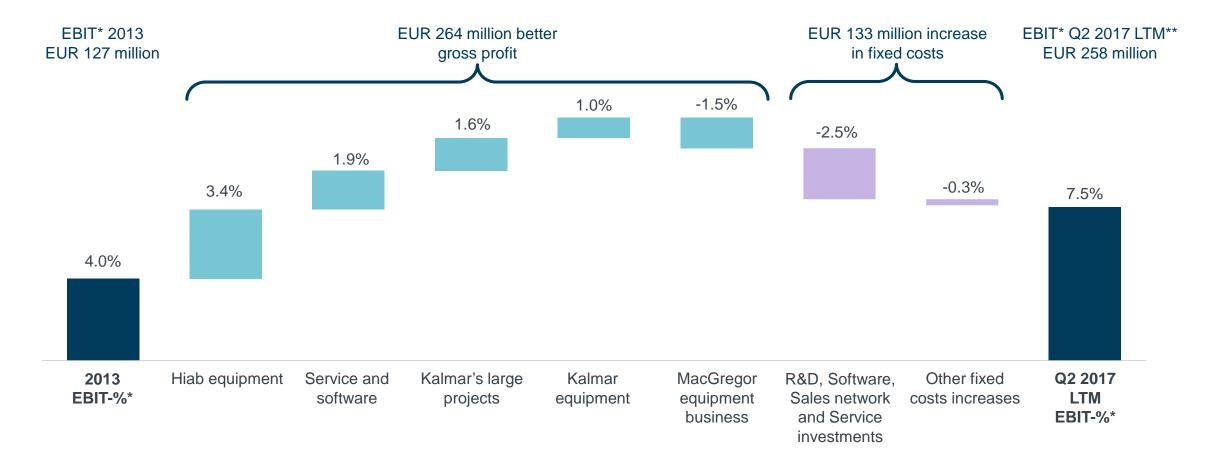




## Recent progress



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

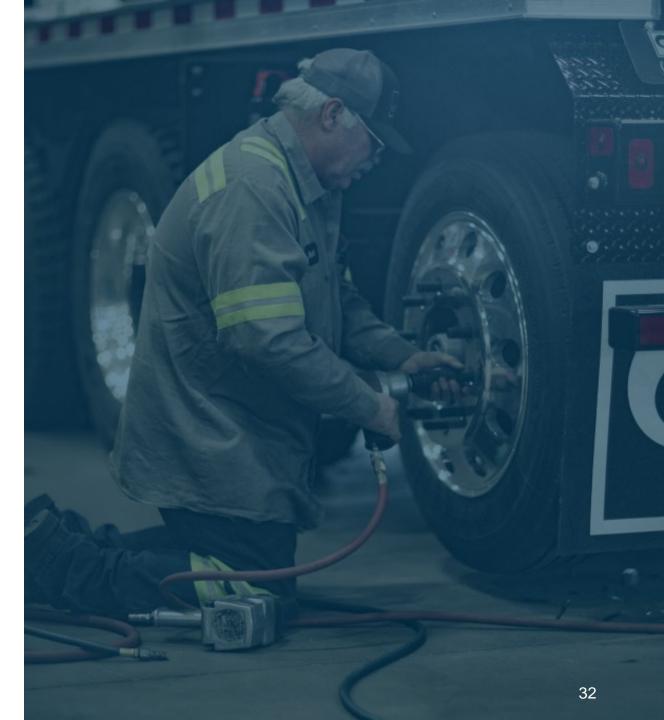


\*Excluding restructuring costs \*\*LTM=Last 12 months (Q3/16-Q2/17)

### Previously announced cost savings programmes proceeding

- EUR 50 million annual group-wide savings from 2020 onwards
  - EUR 15 million cumulative savings at the end of Q2/18
- EUR 13 million in 2018 (MacGregor)
  - EUR 5 million savings in H1/18
- EUR 13 million in 2018 (Kalmar)
  - Relocation of assembly operation completed
  - EUR 4 million savings in H1/18

 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)

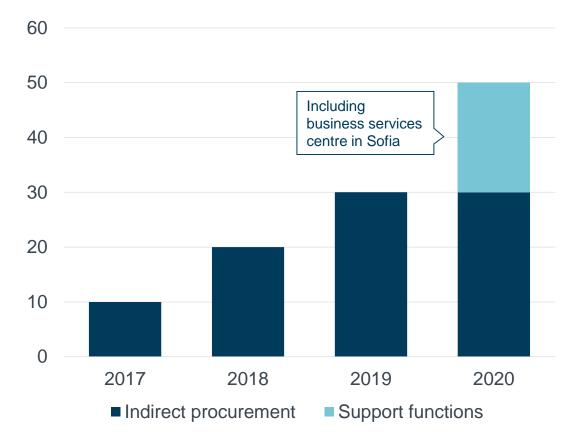
#### HOW

- 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 5 million in H1/18

### 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

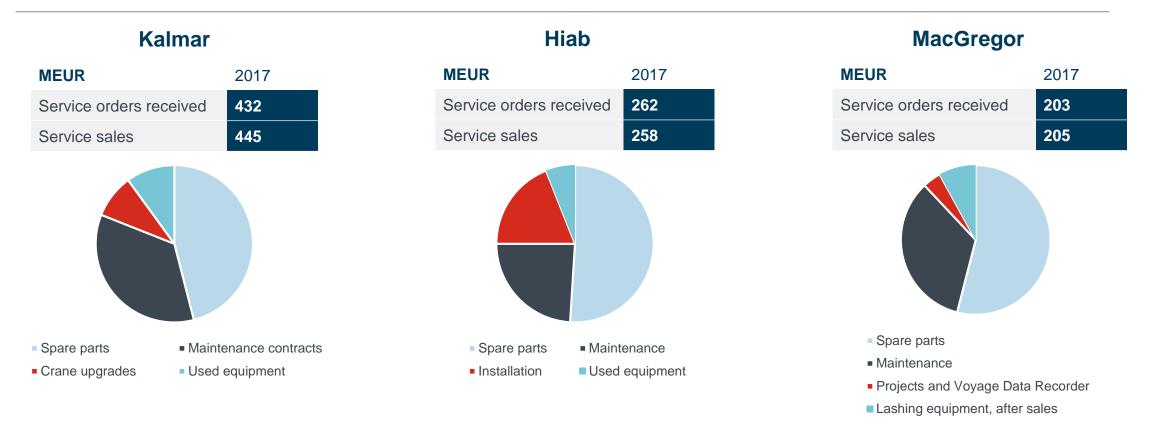




## Targeting EUR 1.5 billion service and software sales in 3-5 years

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





Year 2017 figures have been restated according to IFRS 15 and 2017 figures are calculated by using the new definitions for the equipment, service and software businesses announced in March 2018

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

### Key acquisition criteria

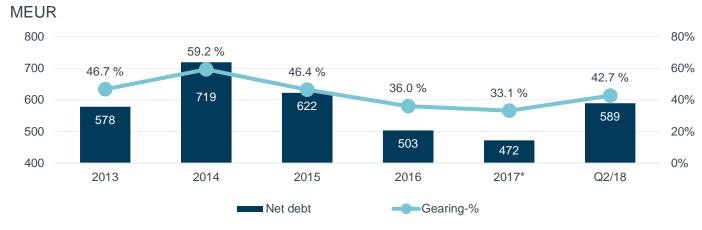
Contribution to 15% ROCE target

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

**CARGOTEC** 

# 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.

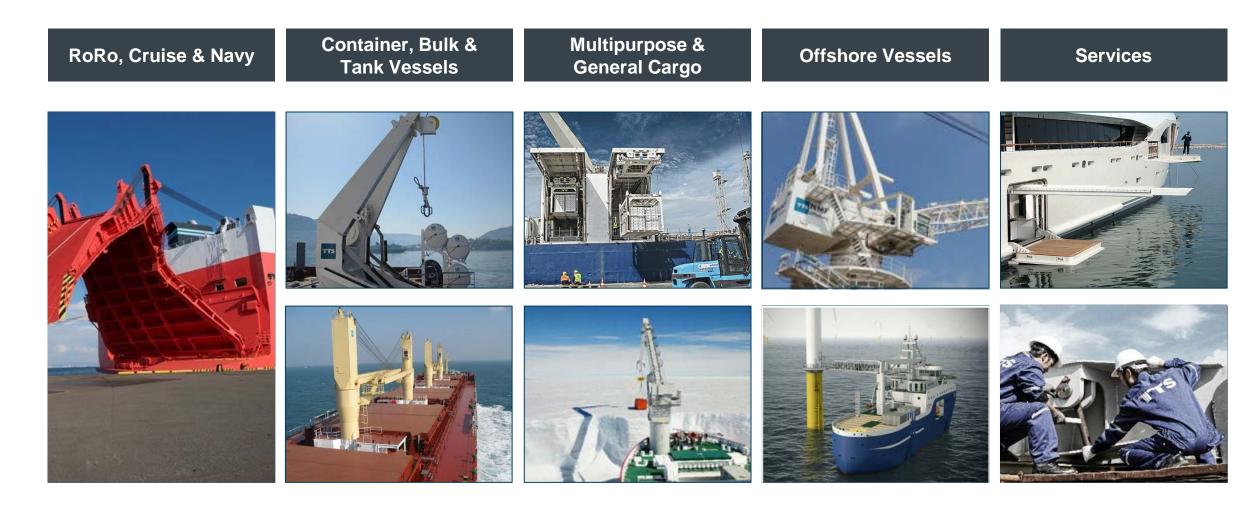
The company's service business includes spare parts, maintenance, inspections, modernisation, conversion and training. With a worldwide workforce of around 930 employees, TTS has more than 50 years of experience in the marine industry.

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**





## **Financial summary**

**MEUR, 2017** 

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

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

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.





## **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 during the second half of 2018



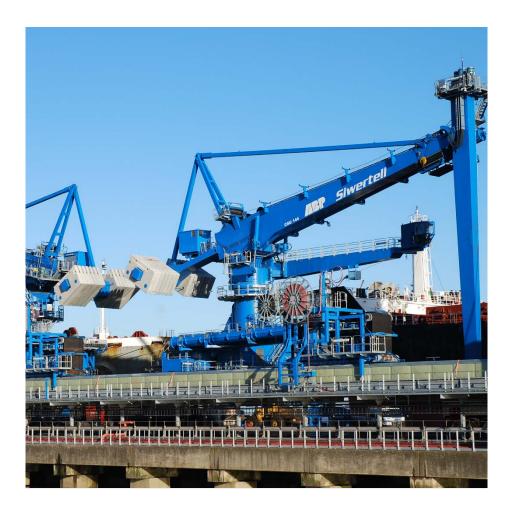
## Shaping the portfolio

Two divestments made during Q2/18

Divestments

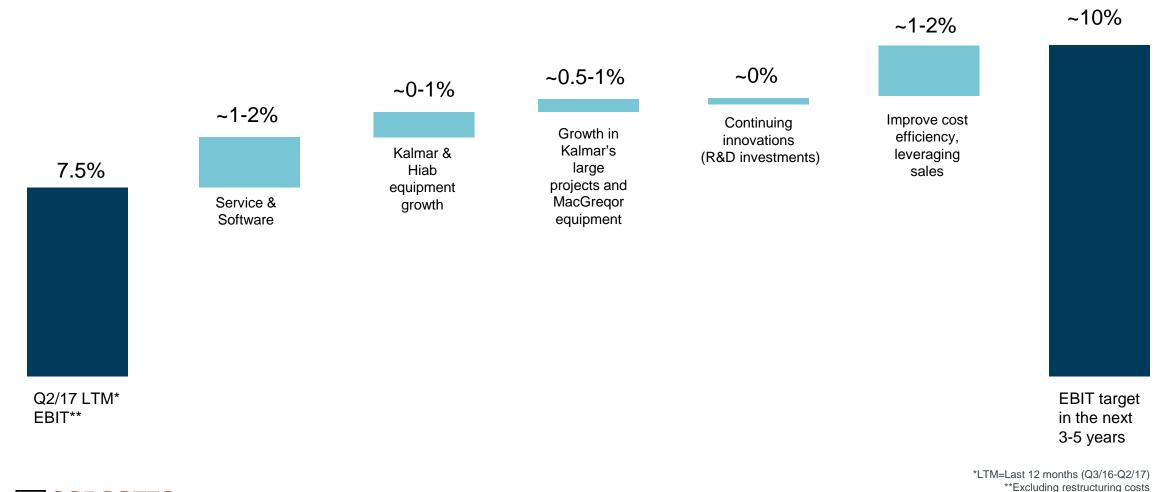
- Siwertell and Kalmar Rough Terrain Center
- Both outside of Kalmar's core areas of container ports, heavy industry and distribution

Revaluation of RHI shares, non-cash EUR 30 million charge





## Our target is to reach 10% EBIT in the next 3-5 years





## Highlights of Q2 2018 – Strong growth in orders received

23% growth in orders received

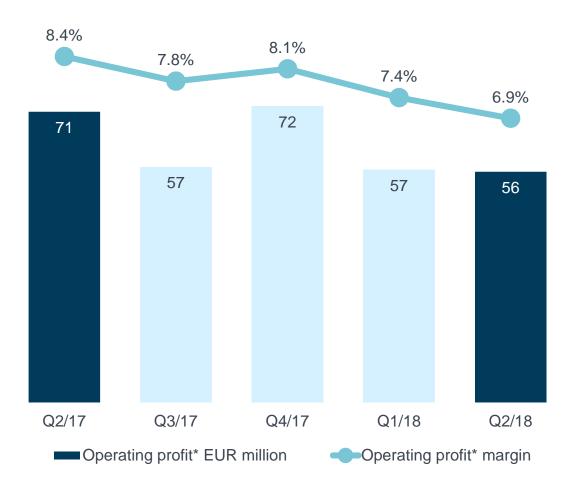
- Growth in Kalmar and Hiab
- Service orders increased by 16%

Solid growth in service sales continued

Operating profit\* decreased

- Kalmar's operating profit declined due to less favorable business mix
- Negative impact from currencies for Hiab continued
- MacGregor at black despite sales decline

Restructuring costs of EUR 35 million weakened the result



\*) Excluding restructuring costs



## Market environment in H1 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

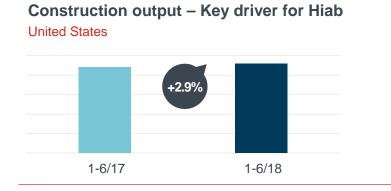
### Market improved in merchant sector, but orders remained below historical levels

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

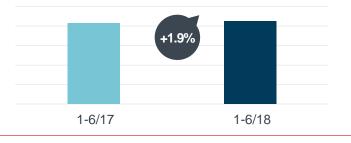
🕶 CARGOTEC

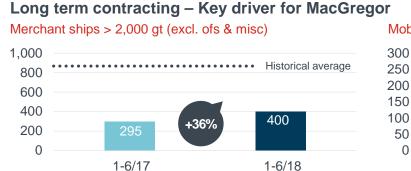






Europe





#### Mobile offshore units

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Source: Clarkson Research (number of ships and offshore units) Indicative historical average





Source: Oxford Economics

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

#### **Cash flow from operations**

MEUR

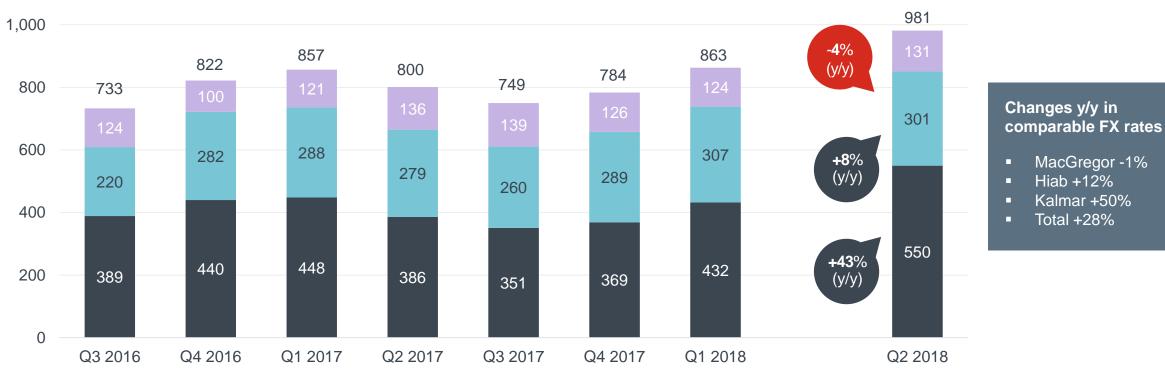




## **Strong orders received in Kalmar**

#### **Orders received**





■Kalmar ■Hiab ■MacGregor



## 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

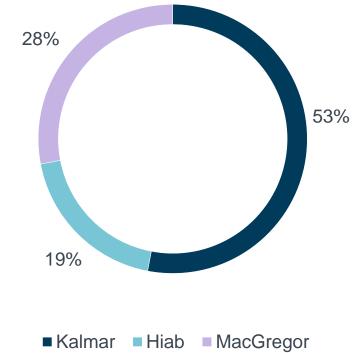
Solution enables autonomous, cost efficient and emission-free operations of the Yara Birkeland container ship in Norway



## **Order book improving**

#### Order book MEUR 2,500 2,000 1,786 1,717 1,699 1,684 1,566 1,500 337 290 294 1,000 329 300 500 947 929 895 837 786 0 Q2/17 Q3/17 Q4/17 Q1/18 Q2/18 ■ Kalmar ■ Hiab ■ MacGregor

## Order book by reporting segment, Q2 2018



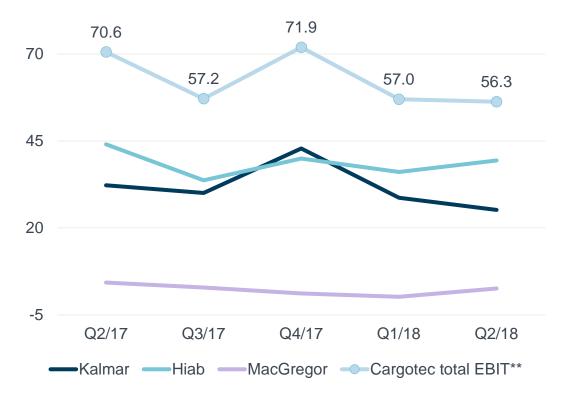


## **Operating profit\* and sales declined from Q2 2017**



■Kalmar ■Hiab ■MacGregor

Operating profit\*



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



Sales

MEUR

## Kalmar Q2 – Good level of orders received

Orders received increased strongly

- EUR 80 million automation order from Australia
- Good development also in mobile equipment and services

Sales impacted by:

- Divestment of Siwertell
- Delivery challenges
- Currencies

Service sales +6%

Operating profit\* decreased due to less favorable business mix

MEUR	Q2/18	Q2/17	Change
Orders received	550	386	+43%
Order book	947	929	+2%
Sales	389	397	-2%
Operating profit*	25.2	32.3	-22%
Operating profit margin*	6.5%	8.1%	-165bps



\*) Excluding restructuring costs

## Hiab Q2 – Strong demand for Hiab's solutions continued

## Strong development in orders received continued

• Growth in EMEA +25%

Sales increased +5%

Service sales growth +7%

#### Operating profit declined due to:

- Lower USD/EUR exchange rate
- Investments in sales and service capabilities as well as digitalisation

MEUR	Q2/18	Q2/17	Change
Orders received	301	279	+8%
Order book	337	290	+16%
Sales	295	282	+5%
Operating profit*	39.4	44.0	-11%
Operating profit margin*	13.4%	15.6%	-226bps



# MacGregor Q2 – Orders received decreased slightly

Orders received decreased

- Slight increase in merchant sector, decline in offshore
- Growth in service orders received

Service sales increased by 3%

Operating profit\* decreased due to lower sales

MEUR	Q2/18	Q2/17	Change
Orders received	131	136	-4%
Order book	503	501	0%
Sales	133	157	-15%
Operating profit*	2.6	4.3	-39%
Operating profit margin*	2.0%	2.7%	-78bps





## Strong balance sheet

#### Net debt EUR 589 million (31 Dec 2017: 472)

- Average interest rate 2.4% (2.3%)
- Net debt/EBITDA 2.3 (1.6)

#### Total shareholders' equity EUR 1,377 million (1,423)

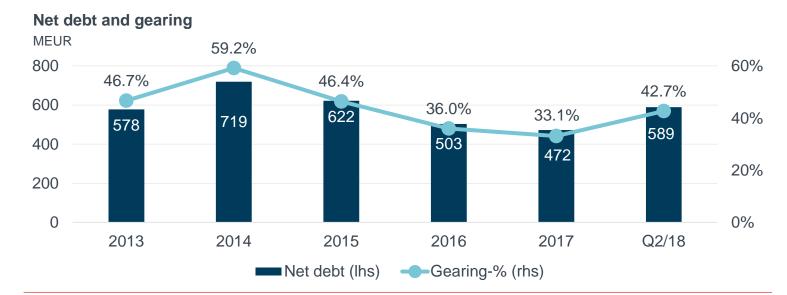
Equity/total assets 40.5% (41.4%)

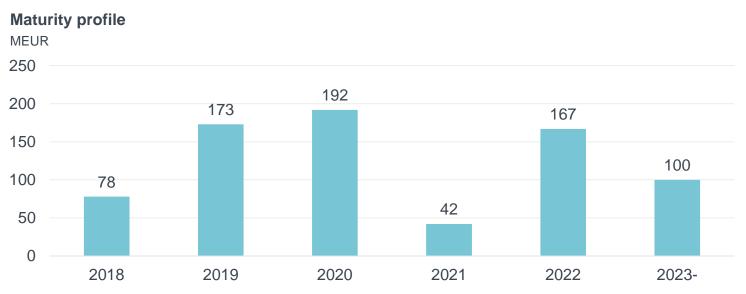
#### Well diversified loan portfolio:

- Bonds EUR 464 million
- Bank loans EUR 287 million
- EUR 300 million revolving credit facility refinanced in Q2/17, the facility is fully undrawn

#### **Balanced maturity profile**

EUR 78 million loans maturing in 2018

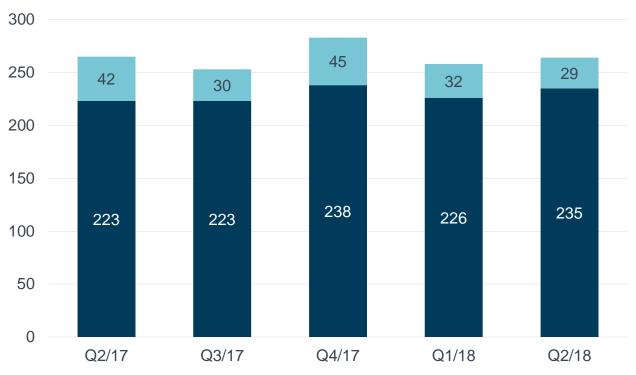






## Solid growth in services continued

## Service and software\* sales MEUR



#### Service sales grew 5%

Services

Software

- Kalmar +6% (+10% in comparable FX)
  - Hiab +7% (+11%)
  - MacGregor +3% (+6%)
  - Total service sales +9% in comparable FX

#### Software sales declined

- Comparison period included a large license contract
- Negative impact from currencies

\*Software sales defined as Navis business unit and automation software





## **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).



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## Appendix

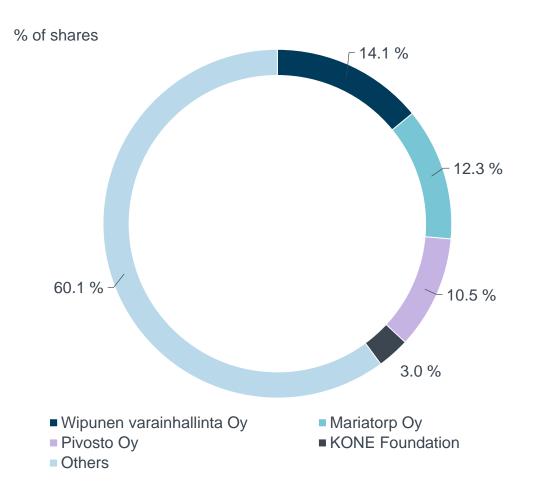
- 1. Largest shareholders and financials
- 2. Sustainability
- 3. Kalmar
- 4. Hiab
- 5. MacGregor





## Largest shareholders 30 June 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.	Ilmarinen Mutual Pension Insurance Company	1.6	0.7
6.	The State Pension Fund	1.3	0.6
7.	Varma Mutual Pension Insurance Company	0.8	0.3
8.	SEB Gyllenberg Finlandia Fund	0.7	0.3
9.	Herlin Heikki Juho Kustaa	0.6	0.3
10.	Sigrid Jusélius Foundation	0.6	0.2
Non holo	ninee registered and non-Finnish lers	30.3	
Tota	al number of shareholders	21,592	



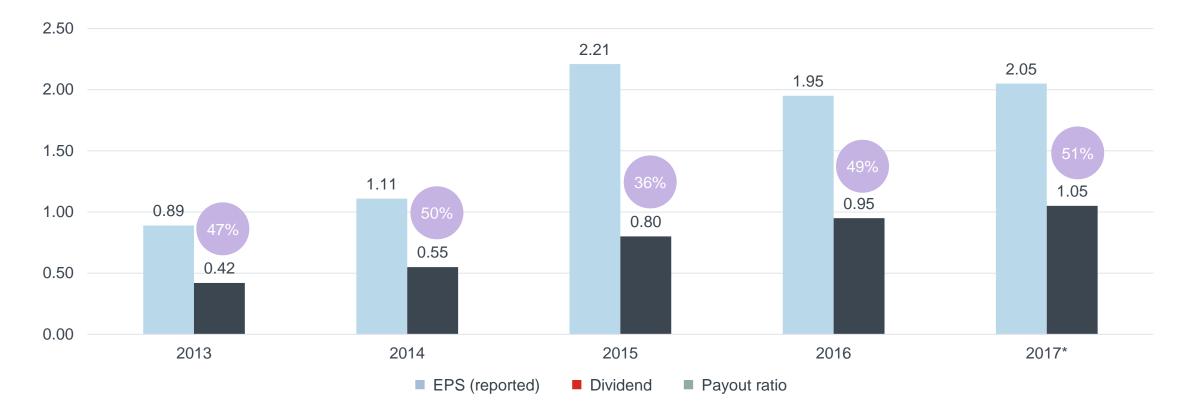
Wipunen varainhallinta Oy is a company controlled by Ilkka Herlin, Mariatorp Oy a company controlled by Niklas Herlin's estate and Pivosto Oy a company controlled by Ilona Herlin.



## Solid track record to increase the dividend

#### EUR 1.05 dividend per B share for 2017

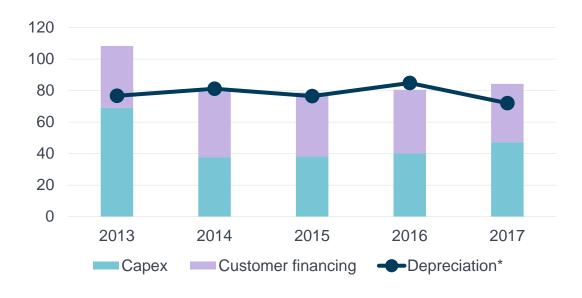
Dividend to be paid in two instalments (EUR 0.53 and 0.52)





## **Capex and R&D**

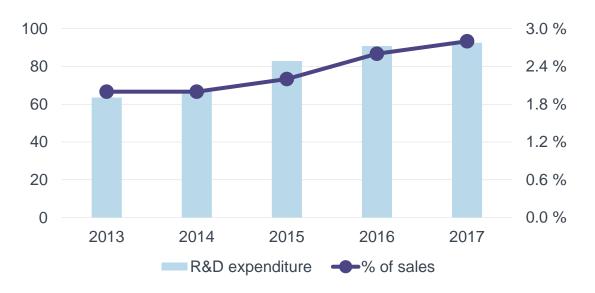
#### **Capital expenditure**



#### Main capex investments:

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

#### **Research and development**



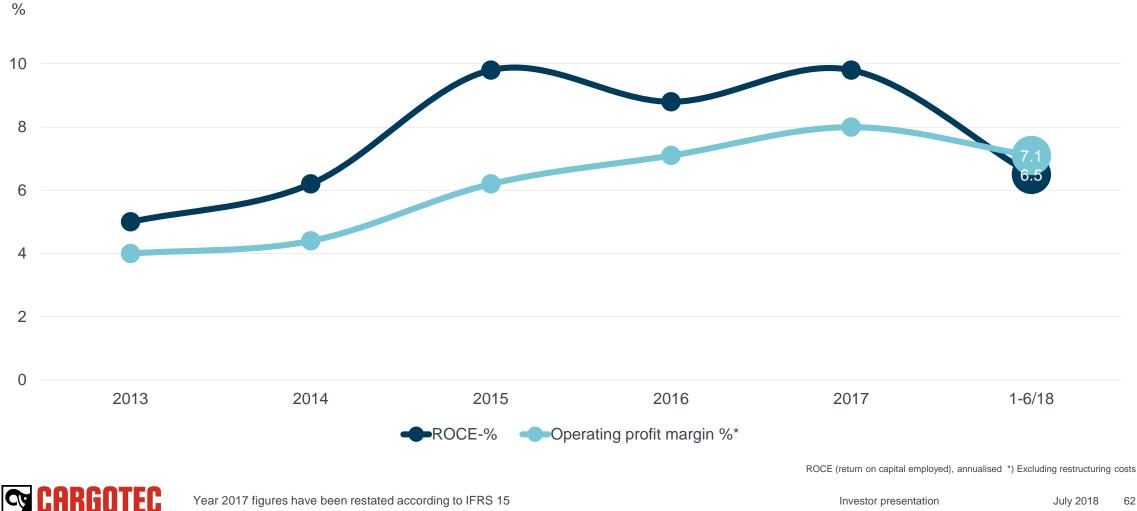
#### **R&D** investments focused on

- Digitalisation
- Competitiveness and cost efficiency of products

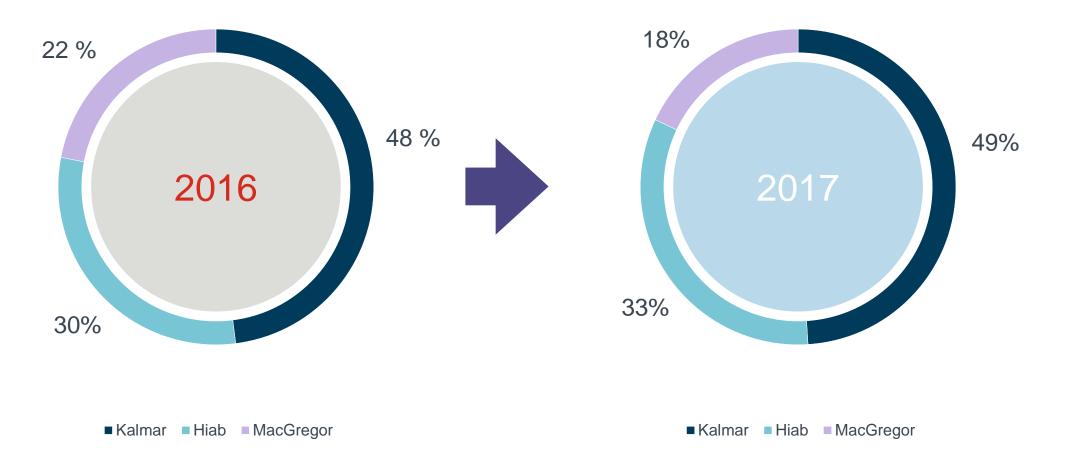
\*) Including amortisations and impairments

### **CARGOTEC**

### **ROCE** impacted by restructuring costs ROCE excluding restructuring costs 10%

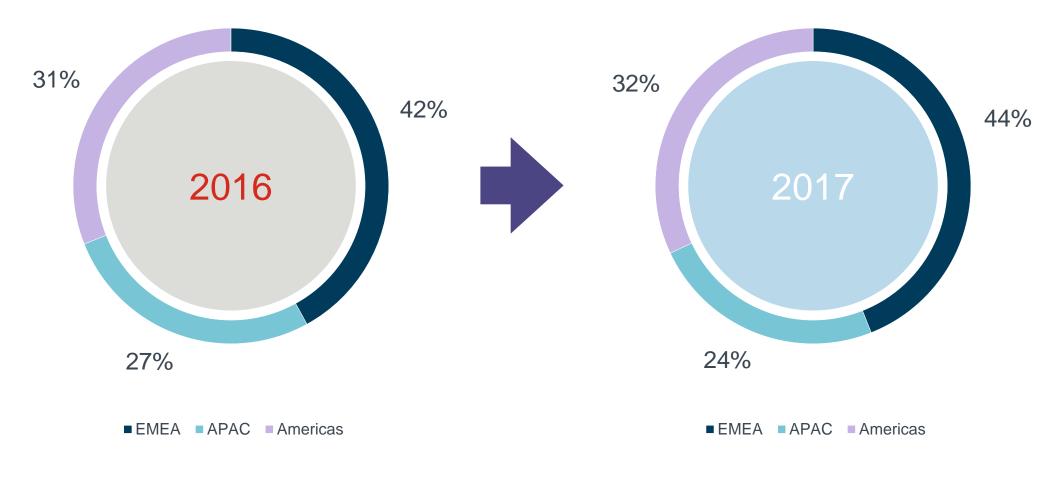


## Hiab's share increasing in sales mix



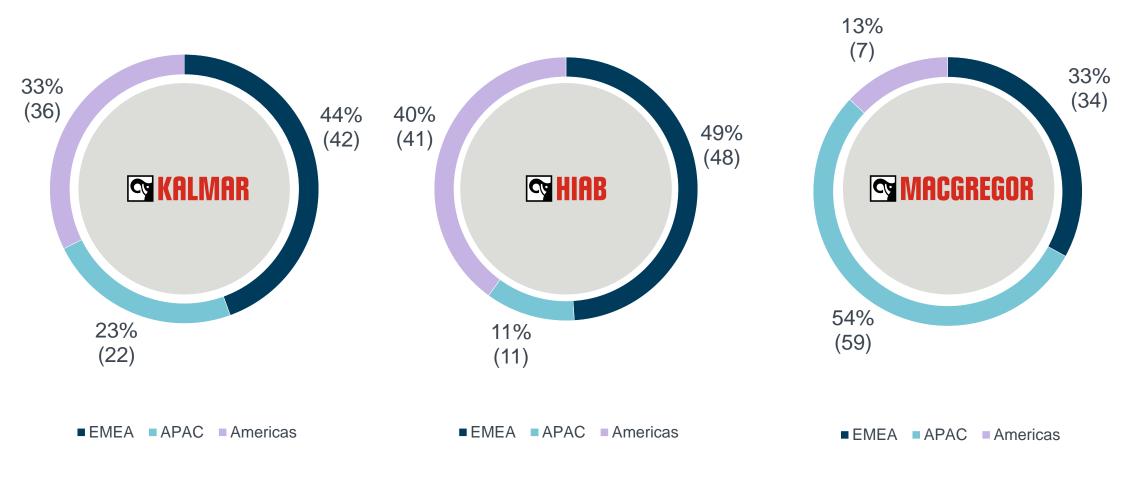


## Well diversified geographical sales mix





## Sales by geographical segment by business area 2017



**CARGOTEC** 

Year 2017 figures have been restated according to IFRS 15

## 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)

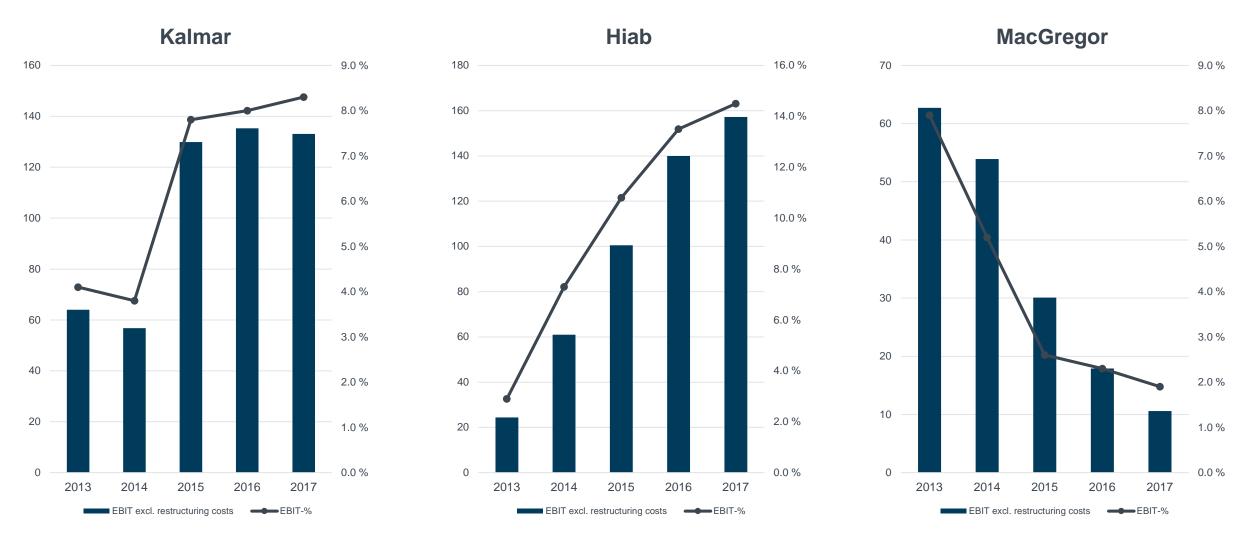
#### APAC

- 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

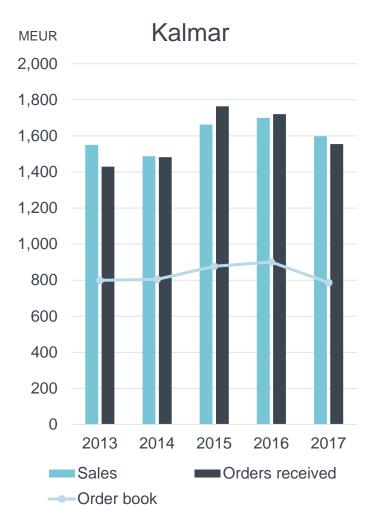
- Ottawa, Kansas (Kalmar prod.)
- Oakland, California (Kalmar R&D)
- Cibolo, Texas (Kalmar prod.)
- Tallmadge, Ohio (Hiab prod.)

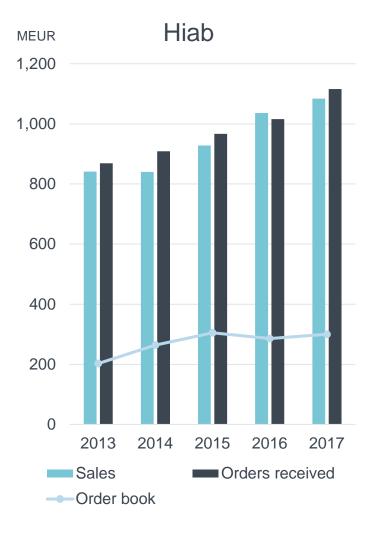
## **Operating profit excl. restructuring costs development**





## Sales and orders received development







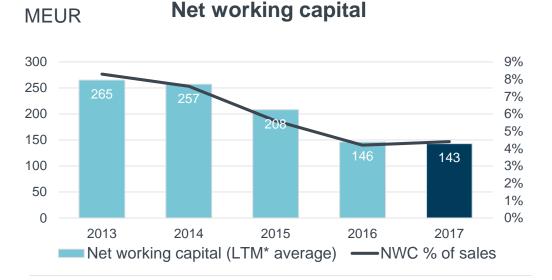


## **Gross profit continued to improve in 2017**



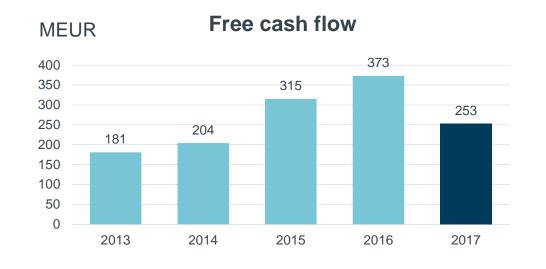


## **Target to improve cash flow**



#### Key drivers

- + Supply chain optimisation
- + Central spare parts inventory
- + Supplier financing
- + Payment term harmonisation
- Services growth
- Low project orders in Kalmar and MacGregor



#### Key drivers

- Higher profit
- Working capital efficiency actions
- Asset light business model



## **Income statement Q2 2018**

Gross profit         199.3         220.8         401.7         425.6         852.1           Gross profit, %         24.4%         26.4%         25.3%         26.2%         26.2%           Other operating income         13.6         8.7         21.5         19.1         35.8           Selling and marketing expenses         -60.0         -56.6         -115.3         -113.3         -221.8           Administration expenses         -65.0         -68.9         -128.3         -135.9         -273.6           Restructuring costs         -34.9         -11.7         -38.7         -14.6         -36.5           Other operating expenses         -8.3         -8.3         -17.6         -17.9         -36.7           Costs and expenses         -178.4         -161.7         -326.9         -31.7         -631.0           Share of associated companies' and joint         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Income before taxes         15.5         49.9         62.0         97.6         18	MEUR	Q2/18	Q2/17	Q1-Q2/18	Q1-Q2/17	2017
Gross profit         199.3         220.8         401.7         425.6         852.1           Gross profit, %         24.4%         26.4%         25.3%         26.2%         26.2%           Other operating income         13.6         8.7         21.5         19.1         35.8           Selling and marketing expenses         -60.0         -56.6         -115.3         -113.3         -221.8           Administration expenses         -65.0         -68.9         -128.3         -135.9         -273.6           Administration expenses         -65.0         -68.9         -128.3         -135.9         -273.6           Other operating expenses         -8.3         -8.3         -11.7         -38.7         -14.6         -36.5           Other operating expenses         -178.4         -161.7         -326.9         -311.7         -631.0           Share of associated companies' and joint ventures' net income         0.4         -0.2         -0.3         1.0         0.5           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Income before taxes, %         1.9%         6.0% <td>Sales</td> <td>816.5</td> <td>835.7</td> <td>1,589.1</td> <td>1,627.5</td> <td>3,249.8</td>	Sales	816.5	835.7	1,589.1	1,627.5	3,249.8
Gross profit, %         24.4%         26.4%         25.3%         26.2%         26.2%           Other operating income         13.6         8.7         21.5         19.1         35.8           Selling and marketing expenses         -60.0         -56.6         -115.3         -113.3         -221.8           Research and development expenses         -23.7         -25.0         -48.4         -49.1         -98.2           Administration expenses         -65.0         -68.9         -128.3         -135.9         -273.6           Restructuring costs         -34.9         -11.7         -38.7         -14.6         -36.5           Other operating expenses         -8.3         -8.3         -17.6         -17.9         -36.7           Other operating profit         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit         21.3         58.9         74.5         114.9         222.1           Income before taxes         1.9%         6.0%         3.9%         6.0%         5.8%           Income taxes         1.9%         6.0%         3.9%         6.0%         5.8%     <	Cost of goods sold	-617.1	-614.9	-1,187.4	-1,201.9	-2,397.7
Other operating income         13.6         8.7         21.5         19.1         35.8           Selling and marketing expenses         -60.0         -56.6         -115.3         -113.3         -221.8           Research and development expenses         -23.7         -25.0         -48.4         -49.1         -98.2           Administration expenses         -65.0         -68.9         -128.3         -135.9         -273.6           Restructuring costs         -34.9         -11.7         -38.7         -14.6         -365.5           Other operating expenses         -8.3         -8.3         -17.6         -17.9         -36.7           Costs and expenses         -178.4         -161.7         -326.9         -311.7         -631.0           Share of associated companies' and joint ventures' net income         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         S8.9         74.5         114.9         222.1           Income before taxes         15.5         49.9         62.0         97.6         189.2           Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income before taxes, %         1.9%         6.0%	Gross profit	199.3	220.8	401.7	425.6	852.1
Selling and marketing expenses         -60.0         -56.6         -115.3         -113.3         -221.8           Research and development expenses         -23.7         -25.0         48.4         -49.1         -98.2           Administration expenses         -65.0         -68.9         -128.3         -135.9         -27.6           Restructuring costs         -34.9         -11.7         -38.7         -14.6         -36.5           Other operating expenses         -8.3         -8.3         -17.6         -17.9         -36.7           Costs and expenses         -178.4         -161.7         -326.9         -31.7         -631.0           Share of associated companies' and joint ventures' net income         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit         21.3         58.9         74.5         114.9         222.1           Income bafore taxes         15.5         49.9         62.0         97.6         189.2           Income bafore taxes         1.3.2         -13.5         -26.0 <td>Gross profit, %</td> <td>24.4%</td> <td>26.4%</td> <td>25.3%</td> <td>26.2%</td> <td>26.2%</td>	Gross profit, %	24.4%	26.4%	25.3%	26.2%	26.2%
Research and development expenses       -23.7       -25.0       -48.4       -49.1       -98.2         Administration expenses       -65.0       -68.9       -128.3       -135.9       -273.6         Restructuring costs       -34.9       -11.7       -38.7       -14.6       -36.5         Other operating expenses       -8.3       -8.3       -17.6       -17.9       -36.7         Costs and expenses       -178.4       -161.7       -326.9       -311.7       -631.0         Share of associated companies' and joint ventures' net income       0.4       -0.2       -0.3       1.0       0.9         Operating profit       21.3       58.9       74.5       114.9       222.1         Operating profit, %       2.6%       7.0%       4.7%       7.1%       6.8%         Financing income and expenses       -5.8       -9.0       -12.5       -17.3       -32.9         Income before taxes       15.5       49.9       62.0       97.6       189.2         Income taxes       -13.2       -13.5       -26.0       -25.0       -56.5         Net income for the period       2.3       36.4       36.0       72.6       132.7         Net income for the period attributable to:	Other operating income	13.6	8.7	21.5	19.1	35.8
Administration expenses       -65.0       -68.9       -128.3       -135.9       -273.6         Restructuring costs       -34.9       -11.7       -38.7       -14.6       -36.5         Other operating expenses       -8.3       -8.3       -17.6       -17.9       -36.7         Costs and expenses       -178.4       -161.7       -326.9       -311.7       -631.0         Share of associated companies' and joint ventures' net income       0.4       -0.2       -0.3       1.0       0.9         Operating profit       21.3       58.9       74.5       114.9       222.1         Operating profit       21.3       58.9       74.5       114.9       222.1         Operating profit       26.%       7.0%       4.7%       7.1%       6.8%         Financing income and expenses       -5.8       -9.0       -12.5       -17.3       -322.9         Income before taxes       15.5       49.9       62.0       97.6       189.2         Income before taxes, %       1.9%       6.0%       3.9%       6.0%       5.8%         Income before taxes, %       1.9%       6.0%       3.9%       6.0%       5.8%         Income for the period       2.3       36.4       36	Selling and marketing expenses	-60.0	-56.6	-115.3	-113.3	-221.8
Restructuring costs         -34.9         -11.7         -38.7         -14.6         -36.5           Other operating expenses         -8.3         -8.3         -17.6         -17.9         -36.7           Costs and expenses         -178.4         -161.7         -326.9         -311.7         -631.0           Share of associated companies' and joint ventures' net income         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Financing income and expenses         -5.8         -9.0         -12.5         -17.3         -32.9           Income before taxes         15.5         49.9         62.0         97.6         189.2           Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income befor the period         2.3         36.4         36.0         72.6         132.7           Net income for the period attributable to:         2.3         36.4         36.0         72.8         132.4           Non-controlling interest         0.7         0.0         0.5	Research and development expenses	-23.7	-25.0	-48.4	-49.1	-98.2
Other operating expenses         -8.3         -8.3         -17.6         -17.9         -36.7           Costs and expenses         -178.4         -161.7         -326.9         -311.7         -631.0           Share of associated companies' and joint ventures' net income         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Financing income and expenses         -5.8         -9.0         -12.5         -17.3         -32.9           Income before taxes         15.5         49.9         62.0         97.6         189.2           Income taxes         -13.2         -13.5         -26.0         -25.0         -56.5           Net income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period attributable to:         Equity holders of the parent         0.7         0.0         0.5         -0.3         0.2           Total         2.3         36.4         36.0         72.6         132.7           Earnings per share for profit attributable to the equity holders of the p	Administration expenses	-65.0	-68.9	-128.3	-135.9	-273.6
Costs and expenses         -178.4         -161.7         -326.9         -311.7         -631.0           Share of associated companies' and joint ventures' net income         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Financing income and expenses         -5.8         -9.0         -12.5         -17.3         -32.9           Income before taxes         15.5         49.9         62.0         97.6         189.2           Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income taxes         -13.2         -13.5         -26.0         -25.0         -56.5           Net income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period attributable to:         Equity holders of the parent         0.7         0.0         0.5         -0.3         0.2           Total         2.3         36.4         36.0         72.6         132.7           Earnings per share for profit attributable to the equity holders of the parent	Restructuring costs	-34.9	-11.7	-38.7	-14.6	-36.5
Share of associated companies' and joint ventures' net income         0.4         -0.2         -0.3         1.0         0.9           Operating profit Operating profit, %         21.3         58.9         74.5         114.9         222.1           Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Financing income and expenses         -5.8         -9.0         -12.5         -17.3         -32.9           Income before taxes         15.5         49.9         62.0         97.6         189.2           Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period, %         0.3%         4.4%         2.3%         4.5%         4.1%           Net income for the period attributable to:         2.3%         36.4         36.0         72.8         132.4           Non-controlling interest         0.7         0.0         0.5         -0.3         0.2           Earnings per share for profit attributable to the equity holders of the parent:         1.13         2.05         1.13         2.05	Other operating expenses	-8.3	-8.3	-17.6	-17.9	-36.7
ventures' net income         0.4         -0.2         -0.3         1.0         0.9           Operating profit         21.3         58.9         74.5         114.9         222.1           Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Financing income and expenses         -5.8         -9.0         -12.5         -17.3         -32.9           Income before taxes         15.5         49.9         62.0         97.6         189.2           Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income taxes         -13.2         -13.5         -26.0         -25.0         -56.5           Net income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period attributable to:         Equity holders of the parent         1.7         36.4         35.5         72.8         132.4           Non-controlling interest         0.7         0.0         0.5         -0.3         0.2           Earnings per share for profit attributable to the equity holders of the parent:         0.03         0.56         0.55         1.13         2.05	Costs and expenses	-178.4	-161.7	-326.9	-311.7	-631.0
Operating profit, %         2.6%         7.0%         4.7%         7.1%         6.8%           Financing income and expenses         -5.8         -9.0         -12.5         -17.3         -32.9           Income before taxes         15.5         49.9         62.0         97.6         189.2           Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income taxes         -13.2         -13.5         -26.0         -25.0         -56.5           Net income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period attributable to:         2.3         36.4         35.5         72.8         132.4           Non-controlling interest         0.7         0.0         0.5         -0.3         0.2           Total         2.3         36.4         36.0         72.6         132.7           Earnings per share for profit attributable to the equity holders of the parent:         0.7         0.0         0.5         -0.3         0.2           Basic earnings per share, EUR         0.03         0.56         0.55         1.13         2.05	Share of associated companies' and joint ventures' net income	0.4	-0.2	-0.3	1.0	0.9
Financing income and expenses       -5.8       -9.0       -12.5       -17.3       -32.9         Income before taxes       15.5       49.9       62.0       97.6       189.2         Income before taxes, %       1.9%       6.0%       3.9%       6.0%       5.8%         Income before taxes, %       -13.2       -13.5       -26.0       -25.0       -56.5         Net income for the period       2.3       36.4       36.0       72.6       132.7         Net income for the period, %       0.3%       4.4%       2.3%       4.5%       4.1%         Net income for the period attributable to:       Equity holders of the parent       1.7       36.4       35.5       72.8       132.4         Non-controlling interest       0.7       0.0       0.5       -0.3       0.2         Total       2.3       36.4       36.0       72.6       132.7         Earnings per share for profit attributable to the equity holders of the parent:       2.3       36.4       36.0       72.6       132.7         Basic earnings per share, EUR       0.03       0.56       0.55       1.13       2.05	Operating profit	21.3	58.9	74.5	114.9	222.1
Income before taxes         15.5         49.9         62.0         97.6         189.2           Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income taxes         -13.2         -13.5         -26.0         -25.0         -56.5           Net income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period, %         0.3%         4.4%         2.3%         4.5%         4.1%           Net income for the period attributable to:	Operating profit, %	2.6%	7.0%	4.7%	7.1%	6.8%
Income before taxes, %         1.9%         6.0%         3.9%         6.0%         5.8%           Income taxes         -13.2         -13.5         -26.0         -25.0         -56.5           Net income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period, %         0.3%         4.4%         2.3%         4.5%         4.1%           Net income for the period attributable to:         2.3         36.4         35.5         72.8         132.4           Non-controlling interest         0.7         0.0         0.5         -0.3         0.2           Total         2.3         36.4         36.0         72.6         132.7           Basic earnings per share for profit attributable to the equity holders of the parent:         0.03         0.56         0.55         1.13         2.05	Financing income and expenses	-5.8	-9.0	-12.5	-17.3	-32.9
Income taxes       -13.2       -13.5       -26.0       -25.0       -56.5         Net income for the period       2.3       36.4       36.0       72.6       132.7         Net income for the period, %       0.3%       4.4%       2.3%       4.5%       4.1%         Net income for the period attributable to:       Equity holders of the parent       1.7       36.4       35.5       72.8       132.4         Non-controlling interest       0.7       0.0       0.5       -0.3       0.2         Total       2.3       36.4       36.0       72.6       132.7         Earnings per share for profit attributable to the equity holders of the parent:       0.03       0.56       0.55       1.13       2.05	Income before taxes	15.5	49.9	62.0	97.6	189.2
Net income for the period         2.3         36.4         36.0         72.6         132.7           Net income for the period, %         0.3%         4.4%         2.3%         4.5%         4.1%           Net income for the period attributable to:         Equity holders of the parent         1.7         36.4         35.5         72.8         132.4           Non-controlling interest         0.7         0.0         0.5         -0.3         0.2           Total         2.3         36.4         36.0         72.6         132.4           Earnings per share for profit attributable to the equity holders of the parent:         0.7         0.0         0.5         -0.3         0.2           Basic earnings per share, EUR         0.03         0.56         0.55         1.13         2.05	Income before taxes, %	1.9%	6.0%	3.9%	6.0%	5.8%
Net income for the period, %0.3%4.4%2.3%4.5%4.1%Net income for the period attributable to:Equity holders of the parent1.736.435.572.8132.4Non-controlling interest0.70.00.5-0.30.2Total2.336.436.072.6132.7Earnings per share for profit attributable to the equity holders of the parent: Basic earnings per share, EUR0.030.560.551.132.05	Income taxes	-13.2	-13.5	-26.0	-25.0	-56.5
Net income for the period attributable to:Equity holders of the parent1.736.435.572.8132.4Non-controlling interest0.70.00.5-0.30.2Total2.336.436.072.6132.7Earnings per share for profit attributable to the equity holders of the parent:0.030.560.551.132.05	Net income for the period	2.3	36.4	36.0	72.6	132.7
Equity holders of the parent1.736.435.572.8132.4Non-controlling interest0.70.00.5-0.30.2Total2.336.436.072.6132.7Earnings per share for profit attributable to the equity holders of the parent:0.030.560.551.132.05	Net income for the period, %	0.3%	4.4%	2.3%	4.5%	4.1%
Non-controlling interest0.70.00.5-0.30.2Total2.336.436.072.6132.7Earnings per share for profit attributable to the equity holders of the parent:0.030.560.551.132.05	Net income for the period attributable to:					
Total2.336.436.072.6132.7Earnings per share for profit attributable to the equity holders of the parent: Basic earnings per share, EUR0.030.560.551.132.05	Equity holders of the parent	1.7	36.4	35.5	72.8	132.4
Earnings per share for profit attributable to the equity holders of the parent:         Basic earnings per share, EUR       0.03       0.56       0.55       1.13       2.05	Non-controlling interest	0.7	0.0	0.5	-0.3	0.2
the equity holders of the parent:         Basic earnings per share, EUR       0.03       0.56       0.55       1.13       2.05	Total	2.3	36.4	36.0	72.6	132.7
	Earnings per share for profit attributable to the equity holders of the parent:					
Diluted earnings per share, EUR 0.03 0.56 0.55 1.13 2.05	Basic earnings per share, EUR	0.03	0.56	0.55	1.13	2.05
	Diluted earnings per share, EUR	0.03	0.56	0.55	1.13	2.05



### **Balance sheet Q2 2018**

ASSETS, MEUR	30 Jun 2018 30	Jun 2017 31	Dec 2017
Non-current assets			
Goodwill	949.1	998.9	986.7
Other intangible assets	255.3	269.1	260.8
Property, plant and equipment	300.4	292.7	310.8
Investments in associated companies and joint ventures	99.4	114.6	109.8
Available-for-sale investments	0.3	3.8	0.2
Loans receivable and other interest-bearing assets*	36.1	4.8	5.0
Deferred tax assets	152.5	191.4	150.0
Derivative assets	_	10.2	6.1
Other non-interest-bearing assets	8.4	7.0	8.5
Total non-current assets	1,801.4	1,892.5	1,837.9
Current assets			
Inventories	671.1	660.4	623.3
Inventories			020.0
Loans receivable and other interest-bearing assets*	2.6	2.9	2.5
	2.6 58.0	2.9 39.8	
Loans receivable and other interest-bearing assets*			2.5
Loans receivable and other interest-bearing assets* Income tax receivables	58.0	39.8	2.5 36.4
Loans receivable and other interest-bearing assets* Income tax receivables Derivative assets	58.0 13.6	39.8 44.7	2.5 36.4 13.3
Loans receivable and other interest-bearing assets* Income tax receivables Derivative assets Accounts receivable and other non-interest-bearing assets	58.0 13.6 788.7	39.8 44.7 745.0	2.5 36.4 13.3 746.8

EQUITY AND LIABILITIES, MEUR	30 Jun 2018 30 Jun 2017 31 Dec 2017			
Equity attributable to the equity holders of the parent	64.3	64.3	64.3	
Share capital	98.0	98.0	98.0	
Share premium account Translation differences	-38.5	00.0	-31.2	
		7.9		
Fair value reserves	-8.2	-3.6	2.1	
Reserve for invested non-restricted equity	69.0	69.0	69.0	
Retained earnings	1,192.7	1,162.9	1,220.6	
Total equity attributable to the equity holders of the parent	1,377.2	1,398.4	1,422.8	
Non-controlling interest	2.6	2.4	2.3	
Total equity	1,379.8	1,400.8	1,425.1	
Non-current liabilities				
Interest-bearing liabilities*	532.9	732.8	673.8	
Deferred tax liabilities	17.0	74.9	12.7	
Pension obligations	85.5	83.1	87.5	
Provisions	16.9	15.4	17.1	
Other non-interest-bearing liabilities	57.4	57.9	61.5	
Total non-current liabilities	709.7	964.1	852.6	
Current liabilities				
Current portion of interest-bearing liabilities*	216.6	17.8	83.8	
Other interest-bearing liabilities*	57.1	30.6	37.6	
Provisions	90.4	121.0	103.5	
Advances received	96.7	132.7	126.9	
Income tax payables	47.5	20.6	49.1	
Derivative liabilities	18.8	15.4	6.4	
Accounts payable and other non-interest-bearing liabilities	889.1	846.6	884.4	
Total current liabilities	1,416.2	1,184.7	1,291.7	
Total equity and liabilities	3,505.7	3,549.6	3,569.3	

\*Included in interest-bearing net debt.



## **Cash flow statement Q2 2018**

MEUR	Q1-Q2/18	Q1-Q2/17	2017
Net income for the period	36.0	72.6	132.7
Depreciation, amortisation and impairment	38.2	35.5	72.0
Other adjustments	57.9	44.0	92.3
Change in net working capital	-109.3	-99.4	-43.6
Cash flow from operations before financing items and taxes	22.8	52.6	253.5
Cash flow from financing items and taxes	-64.2	-61.7	-72.6
Net cash flow from operating activities	-41.3	-9.0	180.9
Acquisitions of businesses, net of cash acquired	-19.8	-0.9	-14.4
Disposals of businesses, net of cash sold	-21.3	-1.2	-1.2
Investments in associated companies and joint ventures	-0.5	-4.7	-4.7
Cash flow from investing activities, other items	-30.8	-29.0	-69.3
Net cash flow from investing activities	-72.3	-35.8	-89.7
Acquisition of non-controlling interests	-	-0.4	-0.4
Proceeds from long-term borrowings	-	250.0	253.2
Repayments of long-term borrowings	-16.6	-241.4	-243.1
Proceeds from short-term borrowings	7.5	6.7	7.6
Repayments of short-term borrowings	-3.4	-32.2	-17.7
Profit distribution	-34.3	-61.6	-62.2
Net cash flow from financing activities	-46.8	-79.0	-62.6
Change in cash and cash equivalents	-160.5	-123.8	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	10.0	-4.6
Cash and cash equivalents, and bank overdrafts at the end of period	123.3	147.0	284.7
Bank overdrafts at the end of period	46.9	17.3	24.4
Cash and cash equivalents at the end of period	170.2	164.3	309.1



# **Sustainability**



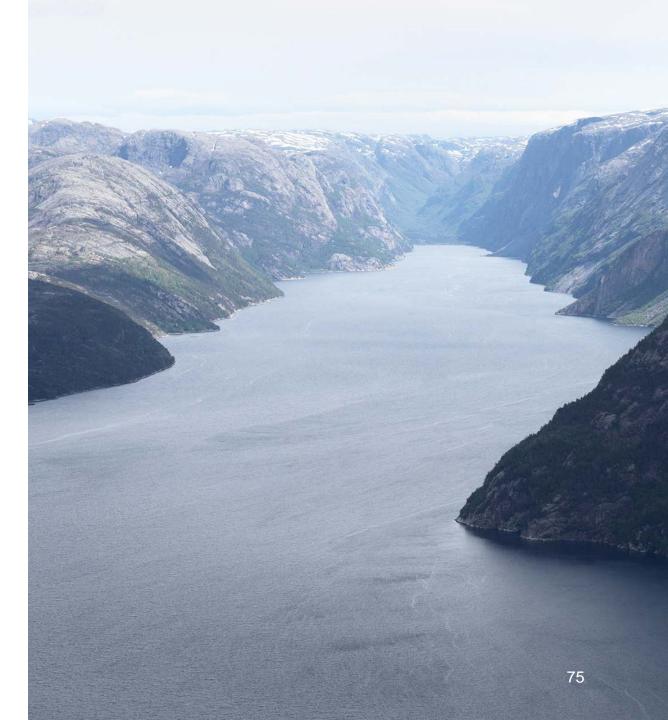
# Sustainability is a great business opportunity

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

CARGOTEC

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

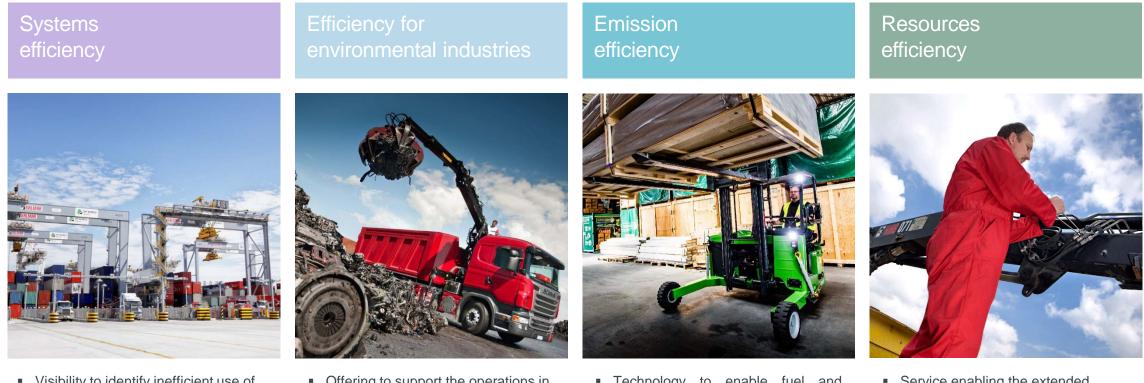
- by trucks, sea freight emits
   ~3-4 times less emissions
- → by air cargo, sea freight emits
   ~14 times less emissions



# 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



- 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 CO<sub>2</sub> 19 mil CO2 in shipping industry annually For moving empty containers

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





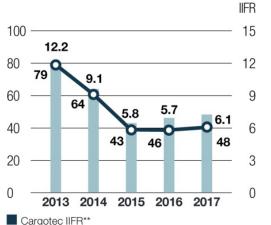


# **Performance highlights 2017**

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

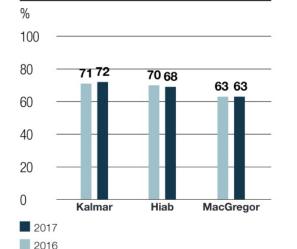
Permanent Code of Conduct panel and case investigation process

#### INDUSTRIAL INJURY FREQUENCY RATE\*

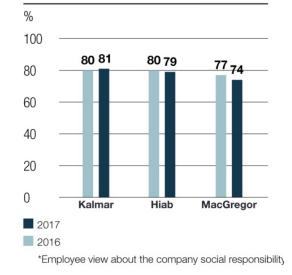


- Cargolec IIFN
- Number of lost time injuries
- \*IIFR and number of injuries cover Cargotec production sites
- \*\*Number of injuries per million hours worked

#### EMPLOYEE ENGAGEMENT INDEX



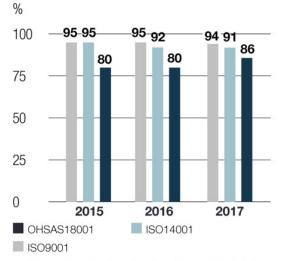
#### SOCIAL RESPONSIBILITY INDEX\*





Offering for ecoefficiency 18% of total sales

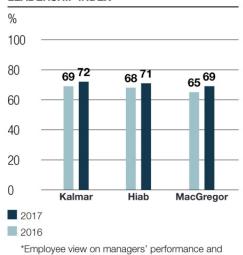
#### **CERTIFICATION COVERAGE\***



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

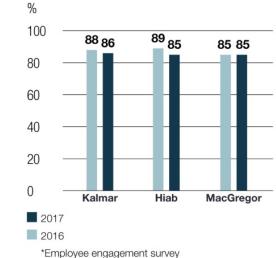
\*\*Number of injuries per million hours worked

#### LEADERSHIP INDEX\*



**COMPASS\* COMPLETION RATE** 

leadership skills

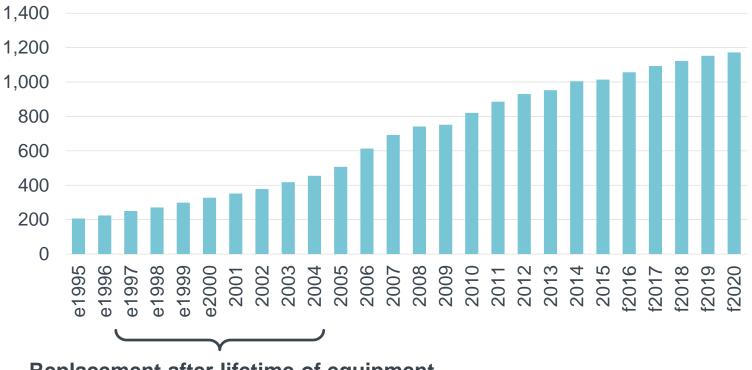


# Kalmar appendix



# 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:

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

#### **Replacement after lifetime of equipment**

Source: Drewry reports: Global Container Terminal Operators 2001-2016 Note: 1995-2000 capacity is estimation based on the assumption that the utilisation rate has been between 70-72% in that period. 2016-2020 forecast based on Drewry's Global container terminal operators report, published in August 2016

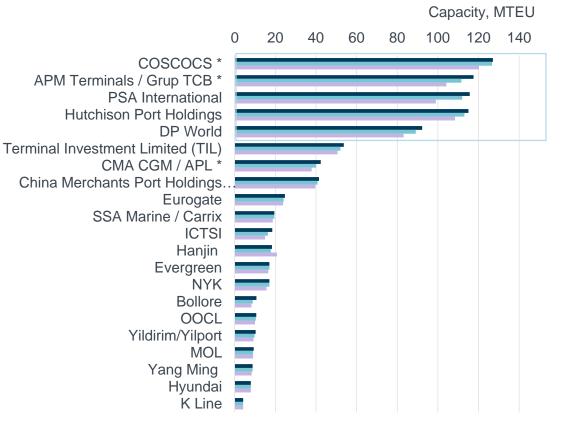


# **Consolidation leading to five dominant container terminal operators in 2020**

24 Global Terminal Operators' total forecasted capacity increase 2015-2020 is 125 Mteu, increasing 3.1% p.a to 892 Mteu by 2020

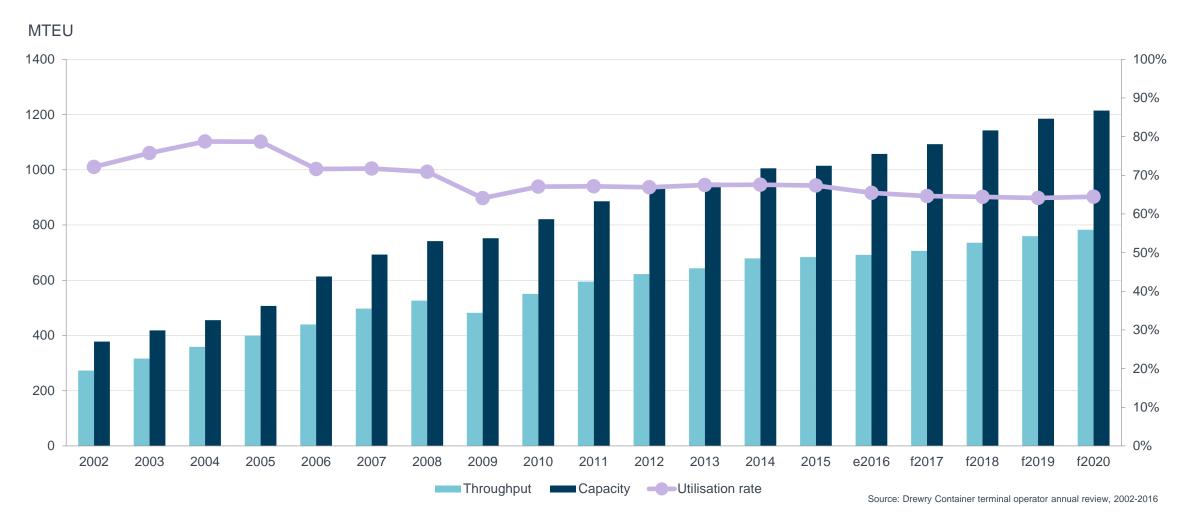
Terminal operators consolidating, recent M&A activity:

- COSCO and China Shipping merged
- APMT bought Group TCB
- CMA CGM bought APL
- Yildrim bought Portugese Tertir group and the company is also eyeing Ports America



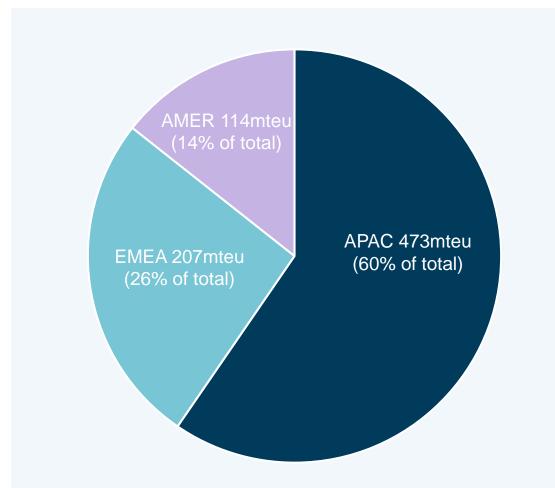
■2020 ■2018 ■2016

# **Global container throughput and capacity development**





# 60% global of container throughput is expected to take place in APAC in 2018



Global container throughput expected to grow 6.5% in 2018

- APAC +7.0% (+31 mteu)
- EMEA +6.3% (+12 mteu)
- AMER +5.0% (+5 mteu)

#### $\rightarrow$ 63% of growth will come from APAC

Source: Drewry: Container forecaster Q2 2018



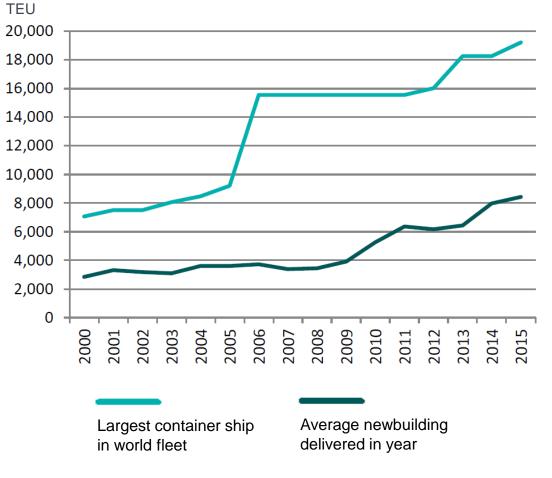
### Three alliances controlling about 80% of global container fleet capacity

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

	Shipping line		Alliance/ Vessel sharing agreement	(VSA)	April 2017
	Maersk MSC		P3 (denied)	2M	<b>→</b> 2M
Γ	CMA CGM China-Shipping	CINA COM 中国海道 CINA CINTRE 	China Shipping/ UASC	Ocean Three	
-	<ul> <li>NYK</li> <li>OOCL (acquisition ongoing)</li> <li>Hapag-Lloyd</li> </ul>		Grand Alliance		Ocean Alliance
	APL MOL Hyundai	APL Mol /=////// ←	New World Alliance	G6 Alliance	
	Cosco	<b>P</b>			→
	China Cosco Shipping K-Line Yang Ming Ocean Network Express Hann		CKYH Alliance	CKYH Alliance	The Alliance
	Evergreen Hamburg-Sud		Independent		
	<b>CARCOTI</b>	officially part of any alliance, but fo	ition of OOCL expected to completed by the end of June		Sources: Drewry, Alphaliner, Cargot estor presentation <b>3</b> July 2018 86

# 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





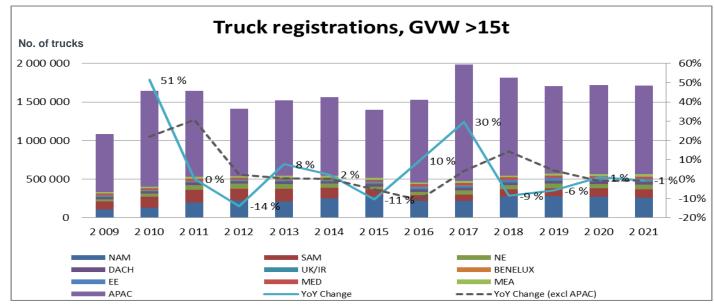


# Hiab appendix



## **Global truck volumes**

IHS predicts global truck volumes to decrease driven by China developments & regional differences in the EMEA region



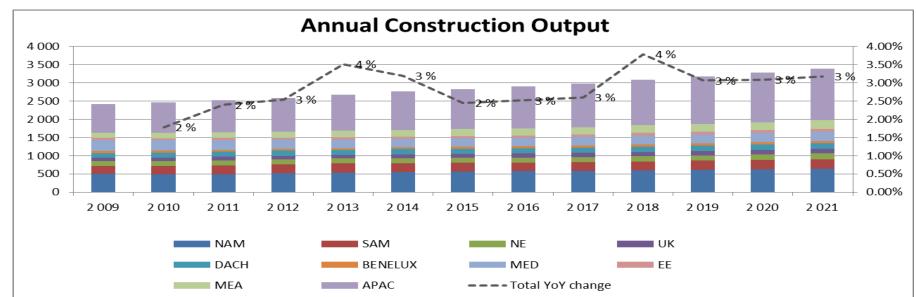
Char	YoY changes (vs. prev. year)										
	2 017 2 018 2 019 2 020 2 021						2 017	2 018	2 019	2 020	2 021
NAM	2.2%	0.1%	1.6%	4.9%	5.1%	NAM	-0.5%	25.4%	3.9%	-3.7%	-5.3%
SAM	1.4%	6.8%	8.0%	8.7%	4.6%	SAM	8.3%	11.3%	8.2%	4.1%	4.3%
NE	0.2%	4.2%	4.5%	3.2%	2.6%	NE	23.7%	12.9%	4.3%	2.5%	2.6%
DACH	-1.1%	1.9%	1.6%	1.6%	1.5%	DACH	1.9%	-2.2%	-2.4%	-6.6%	3.9%
UK/IR	6.2%	-1.3%	2.0%	4.0%	5.1%	UK/IR	-1.6%	-10.5%	3.9%	2.9%	3.1%
BENELUX	1.0%	4.7%	3.4%	2.7%	1.9%	BENELUX	9.6%	-9.1%	-2.8%	-1.5%	0.7%
EE	-5.9%	-4.1%	-4.3%	-2.6%	-2.8%	EE	-1.2%	8.4%	7.1%	6.3%	2.1%
MED	-1.7%	4.9%	9.5%	0.7%	-0.5%	MED	15.2%	1.9%	7.0%	-7.9%	5.5%
MEA	-0.2%	-3.3%	-2.3%	-2.0%	-1.8%	MEA	-1.4%	-0.6%	3.2%	9.7%	3.3%
APAC	1.5%	-2.2%	-1.8%	-2.2%	-2.1%	APAC	40.8%	-16.0%	-10.4%	1.9%	-0.6%
Total	1.4%	-1.0%	-0.2%	-0.1%	-0.3%	Total	29.8%	-8.6%	-5.9%	1.0%	-0.6%



### **Construction output forecast**

Bn€

2018 global construction output increases 3% p.a. – UK only market where construction output is projected to decrease



C	hanges	vs last	Forecas	st	YoY changes							
	2017	2018	2019	2020	2021		2017	2018	2019	2020	2021	
NAM	0.5%	1.4%	0.9%	0.8%	0.6%	NAM	1.3%	3.2%	2.3%	2.4%	2.3%	
SAM	0.3%	1.3%	1.5%	1.4%	1.7%	SAM	-2.3%	2.5%	2.5%	2.8%	3.4%	
NE	1.2%	2.3%	2.2%	2.2%	2.1%	NE	3.0%	4.7%	1.8%	1.8%	1.6%	
UK	0.6%	-2.0%	-2.2%	-2.4%	-2.6%	UK	6.1%	-3.5%	0.9%	1.8%	2.1%	
DACH	-0.7%	-0.7%	0.0%	0.0%	-0.1%	DACH	2.5%	2.4%	2.5%	1.6%	0.8%	
BENELUX	0.3%	0.5%	0.3%	0.5%	0.4%	BENELUX	3.8%	4.0%	2.0%	1.6%	1.4%	
MED	0.2%	0.3%	0.3%	-0.1%	0.3%	MED	2.6%	2.6%	2.4%	2.3%	2.5%	
EE	-3.0%	-3.8%	-3.5%	-3.4%	-3.2%	EE	7.2%	5.1%	3.7%	3.1%	3.0%	
MEA	4.6%	4.7%	4.7%	4.5%	4.8%	MEA	2.3%	3.3%	3.7%	3.7%	4.2%	
APAC	-0.5%	1.2%	1.4%	1.4%	1.3%	APAC	3.7%	5.3%	4.0%	4.0%	4.2%	
Total	0.2%	1.1%	1.1%	1.1%	1.1%	Total	2.6%	3.8%	3.1%	3.1%	3.2%	

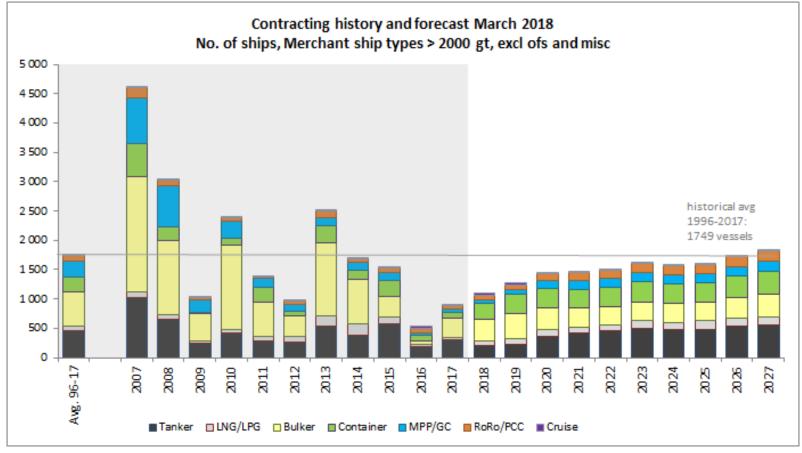


Investor presentation

# MacGregor appendix



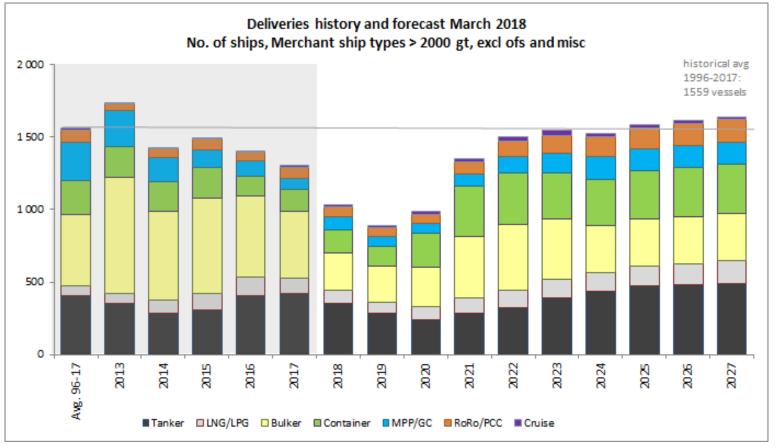
### **Merchant ships: Contracting forecast by shiptype (no of ships)** Merchant ship types > 2000 gt, base case





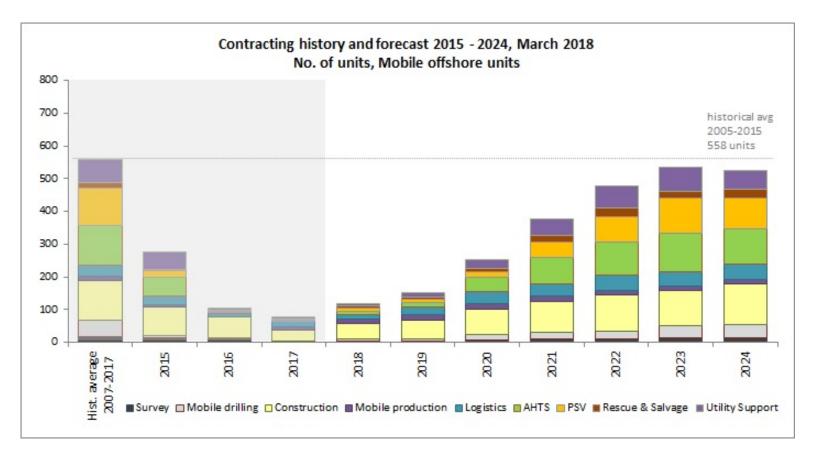
### Merchant ships: Deliveries forecast by shiptype (no of ships)

Merchant ship types > 2000 gt, base case



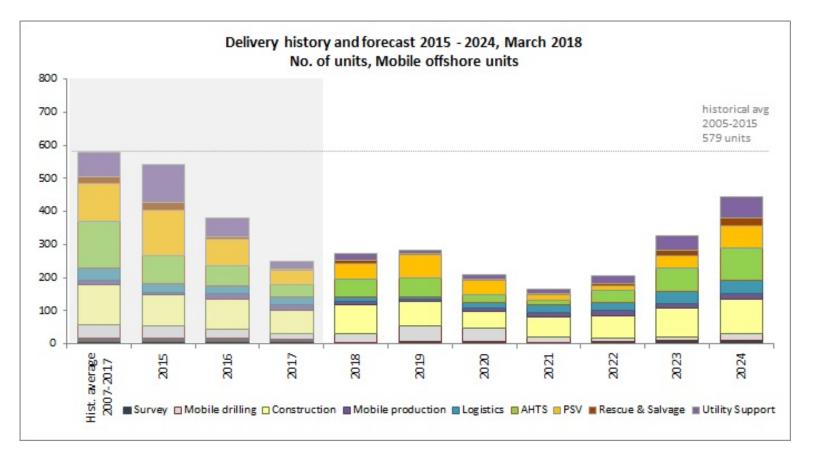


# Offshore mobile units: Contracting forecast by shiptype (number of units)





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



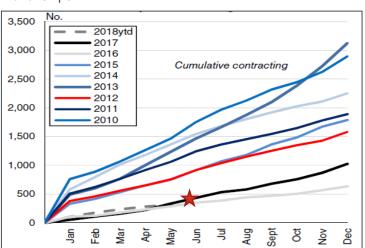


### Shipbuilding – Contracting

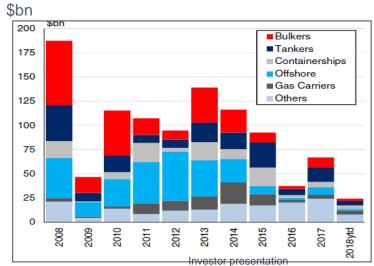
ships >2000 gt/dwt

Global Contracting Activity (1st June 2018)													
		1	Vo.			\$	Sbn		m. CGT				
	2016	2017	2018ytd %y-o-y*		2016	2017	2018ytd %y-o-y*		2016	2017	2018ytd %y-o-y*		
TOTAL (>2,000 Dwt/GT**)	636	1,026	319	-25%	37.4	66.9	24.2	-13%	13.6	26.4	10.2	-8%	
Vessel Type													
Bulkers	67	336	79	-44%	3.1	10.4	2.6	-39%	2.0	7.6	1.9	-39%	
Tankers	218	321	81	-39%	6.4	14.7	4.2	-31%	3.6	8.0	2.3	-32%	
Containerships	96	118	56	14%	2.8	5.9	3.6	46%	1.9	3.5	2.0	39%	
Gas Carriers	27	42	33	89%	2.4	4.0	4.0	139%	0.9	1.6	1.9	187%	
Offshore	60	40	15	-10%	2.3	7.7	1.9	-40%	0.6	0.9	0.4	14%	
Others	168	169	55	-22%	20.3	24.2	7.8	-22%	4.5	4.8	1.6	-20%	
Builder Country													
China	263	516	155	-28%	8.8	19.1	7.2	-9%	4.9	11.0	3.6	-22%	
South Korea	76	194	89	10%	4.4	17.0	8.3	17%	2.3	7.3	4.3	40%	
Japan	120	123	36	-30%	3.8	4.6	2.1	9%	2.2	2.4	1.1	13%	
Europe	116	85	28	-21%	18.8	22.7	5.6	-40%	3.6	3.9	1.0	-39%	
Other	61	108	11	-76%	1.6	3.5	1.0	-33%	0.6	1.9	0.2	-70%	

#### Contracting Volumes 2009-2017 no. of ships

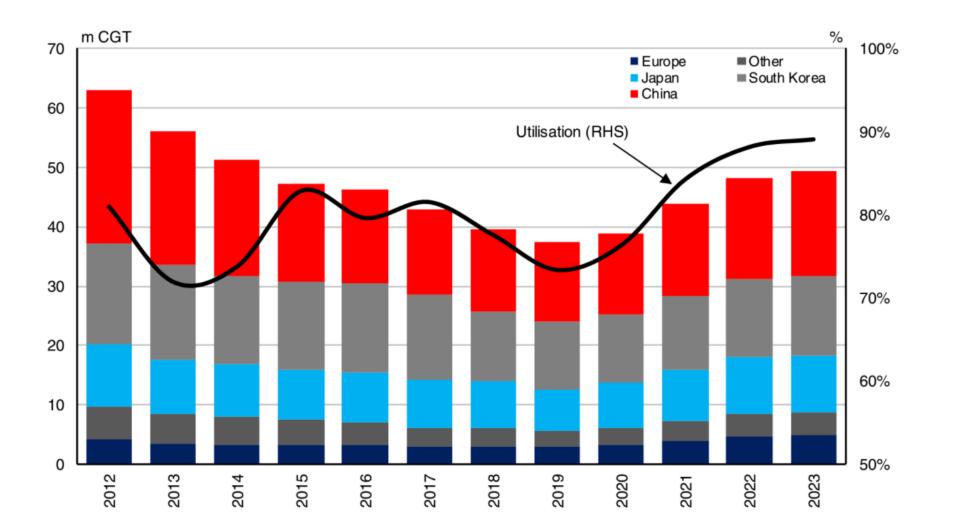


#### Estimated newbuilding investment



Source: Clarksons June 2018

### Shipbuilding capacity and utilisation scenario



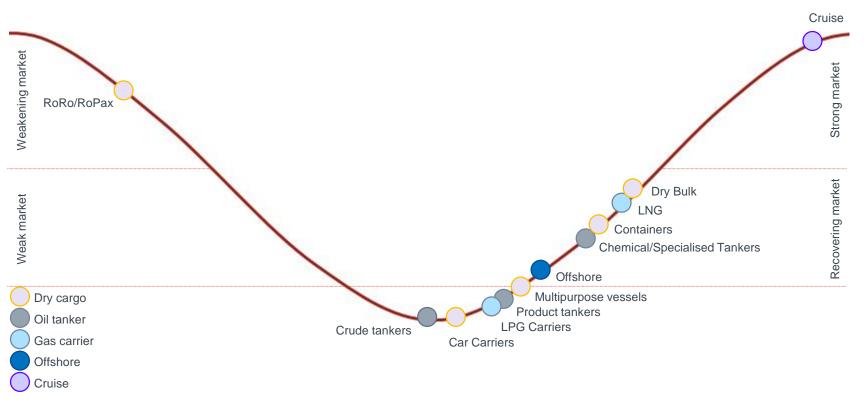


### Markets recovering slowly

Merchant shipping short term more positive outlook, will moderate in longer term Offshore recovery expected to take some more time

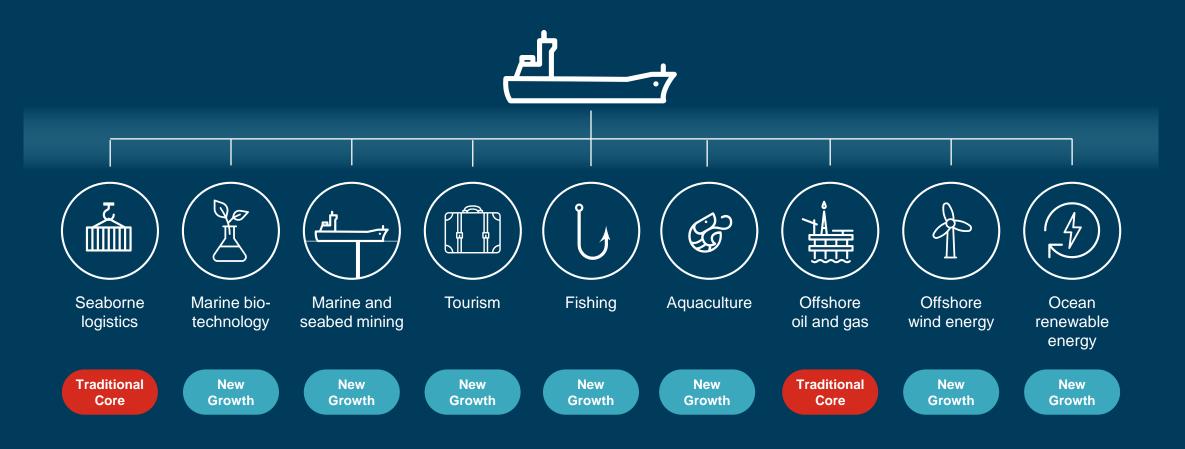
#### Shipping cycle positions; freight/earnings cycles

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.



