

Storing  
vital products  
with care



# Q2 2020 – Roadshow Presentation

Royal Vopak



# Forward-looking statement



This presentation contains 'forward-looking statements', based on currently available plans and forecasts. By their nature, forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not occur in the future, and Vopak cannot guarantee the accuracy and completeness of forward-looking statements.

These risks and uncertainties include, but are not limited to, factors affecting the realization of ambitions and financial expectations, developments regarding the potential capital raising, exceptional income and expense items, operational developments and trading conditions, economic, political and foreign exchange developments and changes to IFRS reporting rules.

Vopak's outlook does not represent a forecast or any expectation of future results or financial performance.

Statements of a forward-looking nature issued by the company must always be assessed in the context of the events, risks and uncertainties of the markets and environments in which Vopak operates. These factors could lead to actual results being materially different from those expected, and Vopak does not undertake to publicly update or revise any of these forward-looking statements.

# Full year 2019 key messages



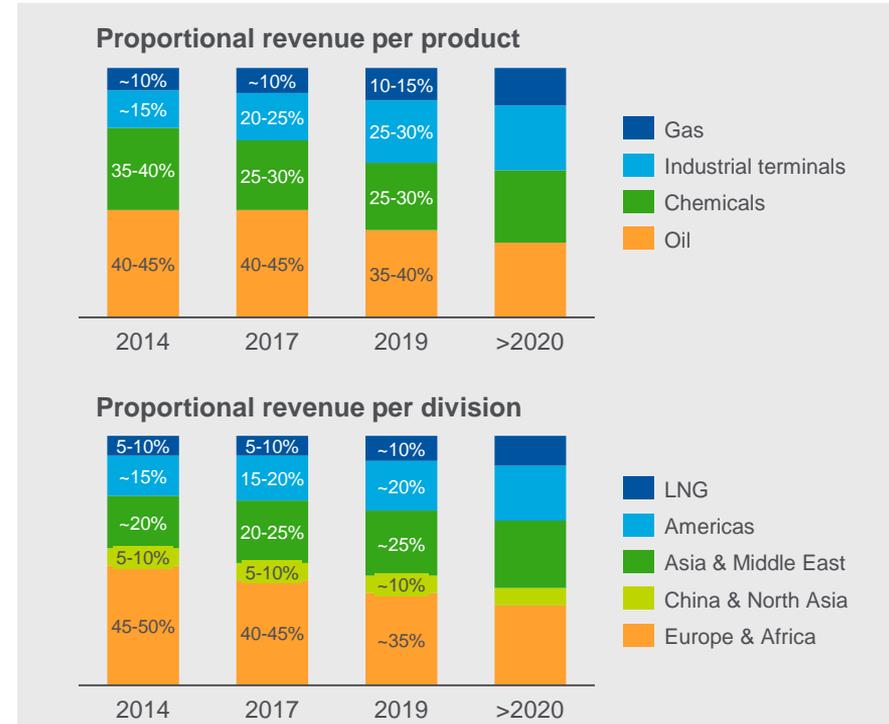
- Strong EBITDA and significant increase in earnings per share
- Execution of our strategy with portfolio transformation and growing new digital capabilities
- Continued growth investments for 2020 and EUR 100 million share buyback program
- Portfolio well-positioned for future opportunities
  - Global well-diversified portfolio
  - Strong competitive position
  - Clear and robust financial framework

# Well-diversified portfolio

Irreplaceable and unique global asset footprint serving all liquid product value chains



- World's leading independent tank storage company
- 23 countries, 66 terminals, 300+ jetties
- Diversified customer base including all major chemical producers and global oil & gas companies
- >80% take-or-pay cash flows with multi-year commercial contracts
- Safe, reliable and efficient operator
- Very well positioned to further grow and shift towards a more sustainable and digital world



Note: keeping market conditionals equal and only taking announced projects into account

# External developments

Structural business drivers influenced by two global trends



## Storage demand drivers

- Structural demand drivers for storage of vital products, driven by growth in population and global energy consumption
- Increasing global imbalances resulting from concentration of supply and demand

## Energy transition

- Facilitate the introduction of lighter, cleaner fuels
- Pursue potential infrastructure solutions for a low-carbon energy future

## Competition

- Competitive landscape changed as a result of new storage capacity worldwide
- Vopak strategic capabilities of more importance

## Digital transformation

- Real-time data and transparent processes are required by customers
- Connectivity with external parties

# Business environment update

Long-term sustainable portfolio, well positioned for opportunities



## Chemicals



### Stable storage, lagging throughput

- Demand for chemicals varies for durable and non-durable products
- Feedstock price differential impact global supply and trade flows

## Oil products



### Benefit from contango and IMO 2020

- Oil hubs: strong storage demand driven by contango oil markets
- Fuel oil: IMO capacity rented out
- Import-distribution markets: Solid throughputs despite lockdowns

## Gas



### Resilient infrastructure demand

- Access to LNG regasification is key in supply driven market with low LNG price
- Lockdowns spur residential LPG demand; Petrochemical players favor naphtha cracking over LPG

## New energies



### Momentum in opportunities

- Significant global growth in renewable energies
- Exploring hydrogen and ammonia possibilities with our partners

# Vopak at a glance

At year-end 2019



Number of terminals

66



Number of countries

23



Storage capacity\*  
In million cbm

34.0



Market capitalization  
In EUR billions

6.2



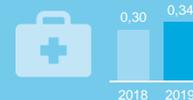
Number of employees  
In FTE

5,559



Total injury rate (TIR)  
In 200,000 hours worked own  
personnel and contractors

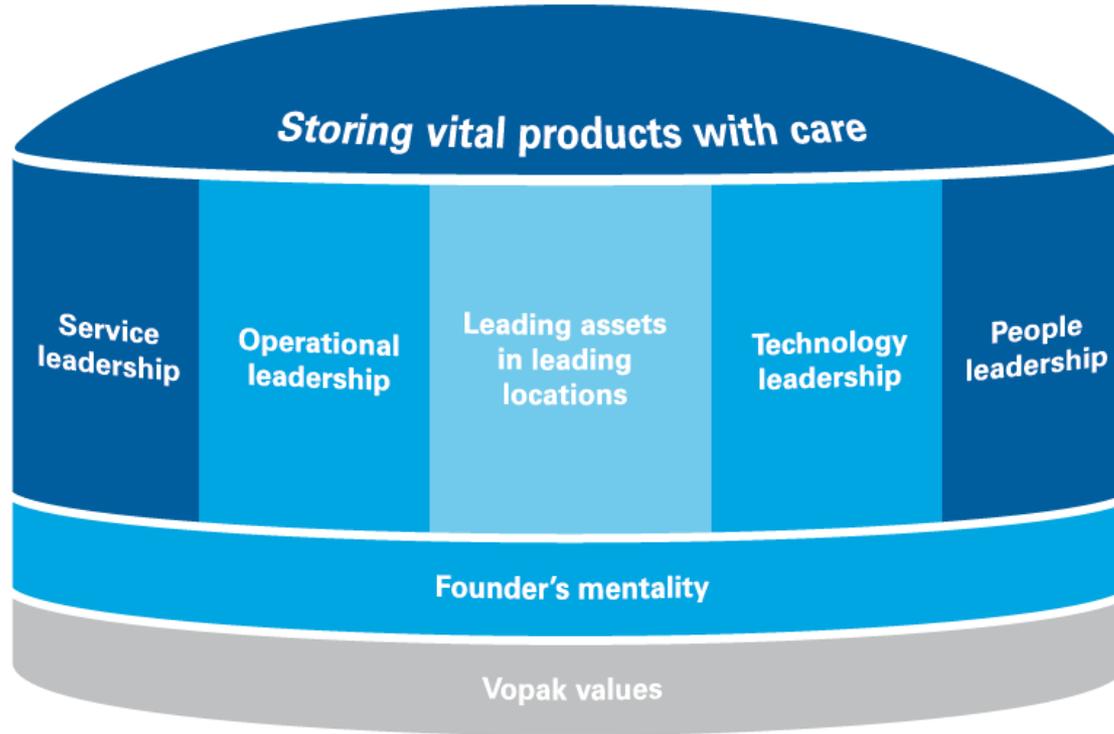
0.34



\*Figures at year-end 2019 excluding divestments as from 31 January 2020.

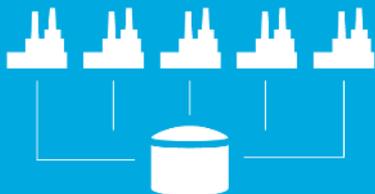
# Robust Vopak strategy

Leadership in 5 pillars with clear strategy execution



# Strategic terminal types

## Industrial terminals



As petrochemical clusters are becoming larger and more complex, logistics integration is ever more crucial. Industrial terminals establish a single operator at the heart of the cluster, which typically serve multiple plants at the same time. They optimize the sites' logistics both by securing import and export flows to and from the cluster, and by ensuring reliable flows to feed the various plants inside the cluster. Due to the interdependency between the terminal and its customers, industrial terminals, typically have long-term customer contracts.

## Gas terminals



Vopak is expanding its gas storage – in response to increased demand, partly from petrochemicals and plastics production, but also from gas-fired power plants and transport. We are introducing new infrastructure for cleaner fuels like LPG and LNG. In doing so, Vopak is contributing to the energy transition. We own and operate LPG terminals in the Netherlands, China and Singapore; we have LNG facilities in Mexico, the Netherlands, Pakistan and Colombia.

## Chemical terminals



Demand for chemicals storage is growing. Vopak has a strong presence in key hub locations, including Antwerp, Rotterdam, Singapore and Houston. We operate a global chemicals distribution network. Besides growth opportunities, we are also looking at ways of operating our terminals more efficiently and strengthening customer service.

## Oil terminals



Oil import, distribution and hub terminals are an important part of our business. We have hub terminals located strategically along major shipping routes, where suppliers, customers and traders are active. These include Rotterdam, Fujairah and the Singapore Strait. Vopak plays an important role in energy distribution in major oil markets with structural supply deficits.

# Portfolio transformation

Shift towards industrial terminals, chemicals and gas terminals



## Key projects 2019

### Gas

- SPEC LNG - Colombia
- ETPL LNG - Pakistan
- RIPET LPG - Canada

### Industrial terminals

- Corpus Christi - US
- Qinzhou - China
- PT2SB - Pengerang, Malaysia

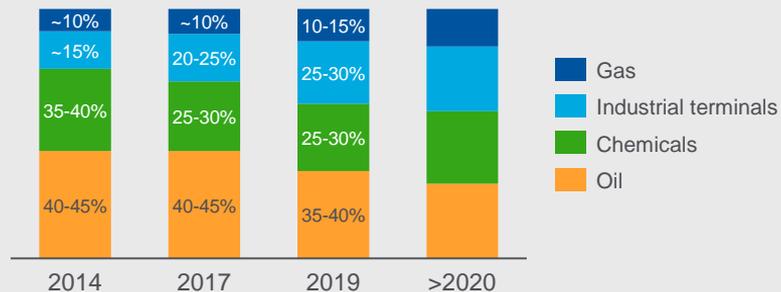
### Chemicals

- Houston Deer Park - US
- Antwerp - Belgium
- Rotterdam Botlek - the Netherlands

### Oil

- IMO 2020 conversion
- Mexico - Veracruz
- Divestments Algeciras, Amsterdam, Hamburg, Hainan and Tallinn

## Proportionate revenue per product



## Proportionate revenue per division

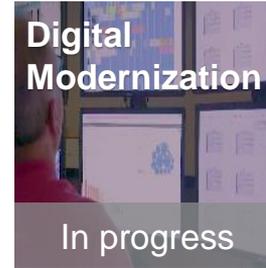


# Digital transformation

Improve safety performance, better service for our customers and more efficient use of our assets resulting in lower costs



- Centralized cyber security program to protect our systems
- Significant reduction in response time to cyber attacks



- Replacing and modernizing our company-wide IT and OT systems
- Developed own software for core processes and standardize non-core processes



- Connecting our assets to generate real-time data with smart sensing
- Digitizing our maintenance



- Create digital platforms around smart terminals enabling efficient and reliable information sharing
- Engage in new ventures related to technology & innovation

# Value creation - sustainability

## Safety and sustainability developments

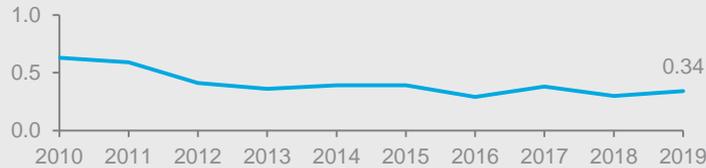


### Safety

- Leading safety performance in storage industry

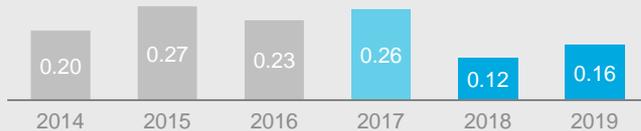
#### Personnel Safety (TIR)

Total injuries per 200,000 hours worked



#### Process Safety (PSER)

Tier 1 and Tier 2 incidents per 200,000 hours worked



### Sustainability

- UN Sustainability Development Goals (SDGs)



- Task-force on Climate-related Financial Disclosures



- Investing in emission-reducing methods

# UN Sustainable Development Goals (SDGs)



We embrace the selected SDGs to create a focus on where we can contribute to society

	Description	Ambitions / targets
<p><b>7</b> AFFORDABLE AND CLEAN ENERGY</p> 	<p>We facilitate the energy transition by creating reliable access to energy and cleaner fuels and by exploring ways to develop storage and handling solutions for a low-carbon future. We aim to reduce our own footprint and improve our energy efficiency</p>	<ul style="list-style-type: none"> <li>• Reducing our environmental footprint (daily)</li> <li>• Facilitate introduction of lighter, less polluting fuels (short to medium term)</li> <li>• Development of new infrastructure for cleaner, alternative fuels (to 2050)</li> </ul>
<p><b>8</b> DECENT WORK AND ECONOMIC GROWTH</p> 	<p>In storing vital products today and tomorrow, safety is our first and foremost priority. This includes ensuring a safe and secure working environment for all people working at and for Vopak.</p>	<ul style="list-style-type: none"> <li>• Zero fatalities and reduced total injury rate (short to medium term)</li> <li>• Improve diversity in management in terms of both gender and nationality (short to medium term)</li> </ul>
<p><b>9</b> INDUSTRY, INNOVATION AND INFRASTRUCTURE</p> 	<p>To realize our purpose, we develop, maintain and operate reliable, sustainable terminal infrastructure in ports around the world. We adopt and invest in environmentally sound technologies and processes. We explore the introduction of more sustainable technologies and processes and work on the digital transformation of our company</p>	<p><b>For the short to medium term:</b> Being the industry leader in:</p> <ul style="list-style-type: none"> <li>• Sustainability, service delivery and efficiency standards</li> <li>• Designing and engineering of new assets</li> <li>• Project management and commissioning of new assets</li> <li>• Operating and maintaining assets throughout the Vopak network</li> </ul>
<p><b>12</b> RESPONSIBLE CONSUMPTION AND PRODUCTION</p> 	<p>We strive for environmentally sound management of the products we store and handle, and we work hard to minimize any negative impact on the environment, in particular by reducing releases to air, water and soil.</p>	<ul style="list-style-type: none"> <li>• Reduce Process Safety Event Rate (PSER)</li> <li>• Reduce releases of harmful products to the environment</li> <li>• No uncontained spills</li> <li>• Climate neutral by 2050 and remaining the industry leader in sustainability in the period up to 2030 and 2050</li> </ul>

# Benchmark scores

Ratings based on Environmental, Social and Governance



## MSCI ESG Ratings

- Rating: AAA (Scale: CCC to AAA)



Dow Jones  
Sustainability Indexes

## Dow Jones Sustainability

- Rating: 56 (Scale: 0 to 100 / industry average: 38)



## FTSE4Good

- Rating: 3.7 (scale: 0 to 5)



## ISS

- Rating (scale: 10 high risk to 1 low risk)
  - Governance: 2
  - Environmental: 2
  - Social: 2



## GRESB

- Rating: B (Scale: E to A)



## Sustainalytics

- Rating: 70 (Scale: 0 to 100)

# 2017-2019 strategy delivered



Transformative portfolio changes and digital strategy is being rolled out

Capture growth

- EUR 1 billion growth investment program in line with long-term market developments

Spend EUR 750 million on sustaining and service improvement capex

- Sustaining and service improvement capex programs remained within the spending limit

Invest EUR 100 million in new technology, innovation programs and replacing IT systems

- Build and global roll-out of Vopak's digital cloud-based terminal management software in progress

Drive productivity and reduce the cost base

- Efficiency program delivered - cost base for 2019 is EUR 633 million

# HY1 2020 Key messages



- Prudent COVID-19 response - all 66 terminals operational
- Good financial performance and improved occupancy rates
- Continue to invest in 2020 and 2021 with confidence
- Execution of our strategy progressed well – good progress in LNG & industrial terminals



\* Including net result from joint ventures and associates and excluding exceptional items

# COVID-19 update



We are in control and our governance structures are functioning well.  
We continuously monitor the developments and remain alert.

- We will manage this crisis to the best of our ability to ensure we protect our people and support society by storing vital products with care.
- All terminals are operational to serve our customers. If and where possible, we do not procrastinate and keep an attitude of business as usual.
- Our attention is on the short-term delivery and protection of the long term value.
- We continue to manage our performance in line with our original business plan and unchanged strategy despite growth projects delay and remaining uncertainty.

# Value creation and short-term performance

Continue the course set in previous years



## Strategic Objectives

- Deliver strategic **portfolio transformation**
- Pursue opportunities in **new energies**
- Deliver Vopak's **digital transformation**

## Delivering Performance

- Grow EBITDA over time and replace the EBITDA from divested terminals
- Operate terminal portfolio with occupancy rate between 85% and 95%
- Generate portfolio return of capital employed between 10% and 15%

## HY1 2020 Influencing Developments

- COVID-19 and market conditions in oil and chemicals
- Cost management
- Operational capacity and growth project delivery

# Summary financial performance

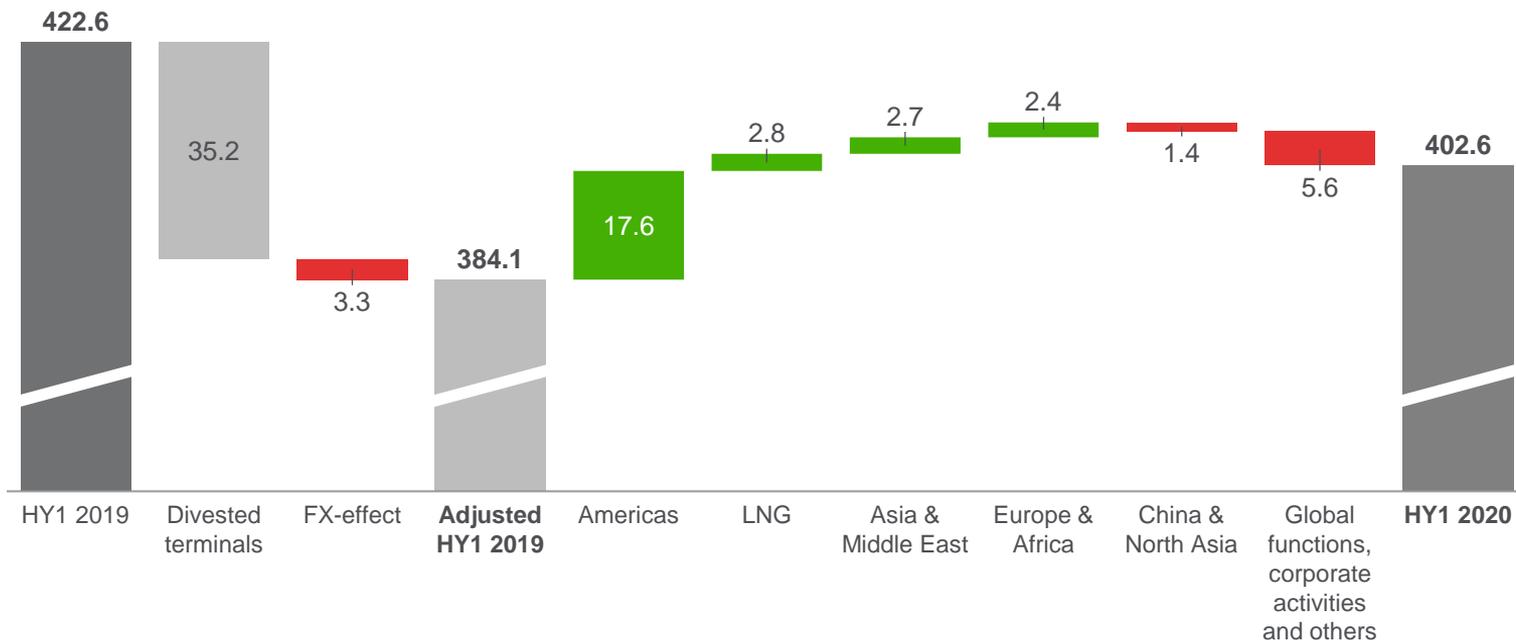


- Financial framework and priorities for cash are **unchanged**
- EBITDA – post divestments – increased by EUR 18 million reflecting growth, contango oil markets, lower chemical throughputs and IMO 2020 converted capacity
- Earnings per share (EPS) of **EUR 1.31**
- Continued capital allocation to **growth investments** with attractive investment multiples in line with financial framework
- Balance sheet flexibility will be further strengthened with the **USD 500 million** equivalent US Private Placement program

# HY1 2020 vs HY1 2019 EBITDA



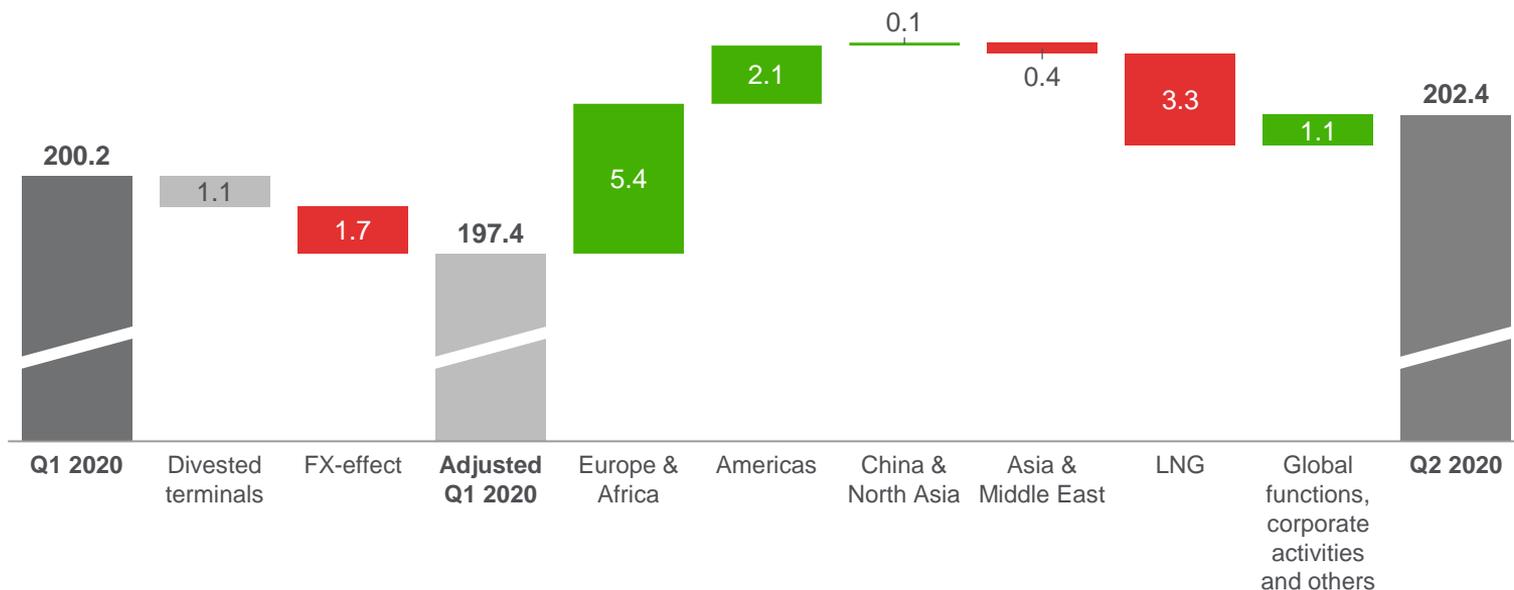
EBITDA - post divestments - increased by EUR 18 million reflecting growth, contango oil markets, chemical throughputs and IMO 2020 converted capacity



# Q2 2020 vs Q1 2020 EBITDA



Resilient performance influenced by contango, out-of-service capacity and lower chemical throughput levels



# Divisional performance

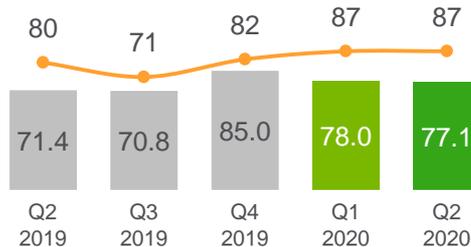


Americas reflect growth projects; Asia & Middle East and Europe & Africa maintenance, contango and chemical throughput; China shows more demand

## Americas



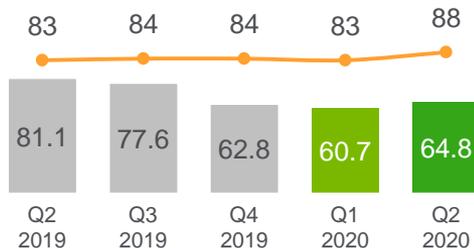
## Asia & Middle East



## China & North Asia



## Europe & Africa



## LNG



 Occupancy rate (in percent) for subsidiaries only, with the exception of LNG  
 EBITDA (in EUR million) excluding exceptional items and including net result from joint ventures and associates and currency effects

# Non-IFRS proportional information



Proportional consolidated information provides transparency considering increase joint venture contribution relative to subsidiaries

IFRS BASED

## EBITDA

In EUR million



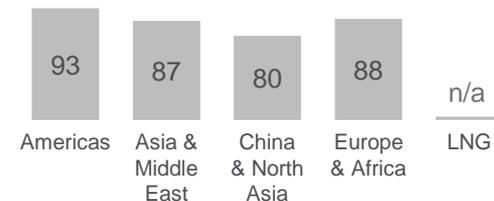
## Occupancy rate

In percent – subsidiaries only



## Q2 2020 occupancy per division

In percent – subsidiaries only



NON-IFRS PROPORTIONAL

## EBITDA

In EUR million



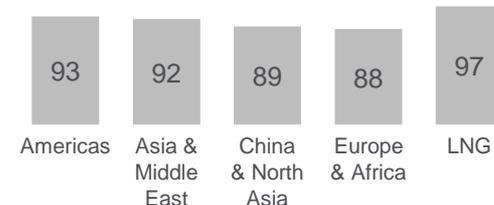
## Occupancy rate

In percent



## Q2 2020 occupancy per division

In percent



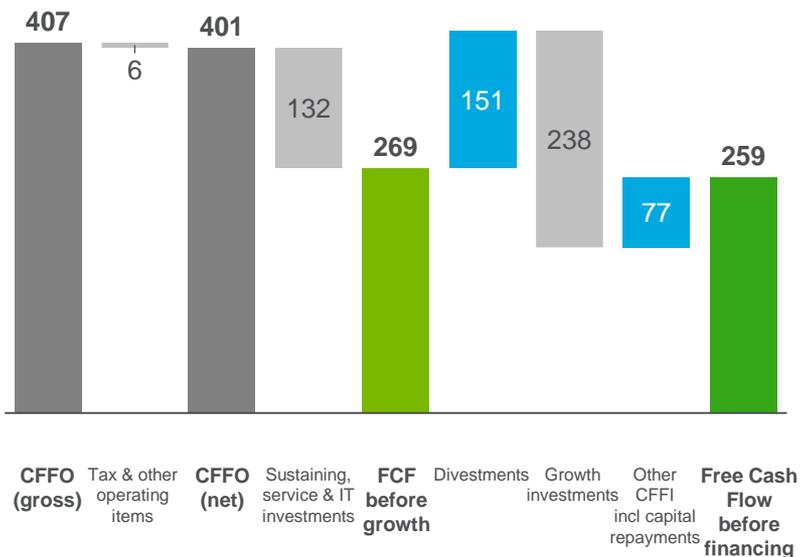
# Cash flow overview

Cash momentum driven by divestment and capital repayment



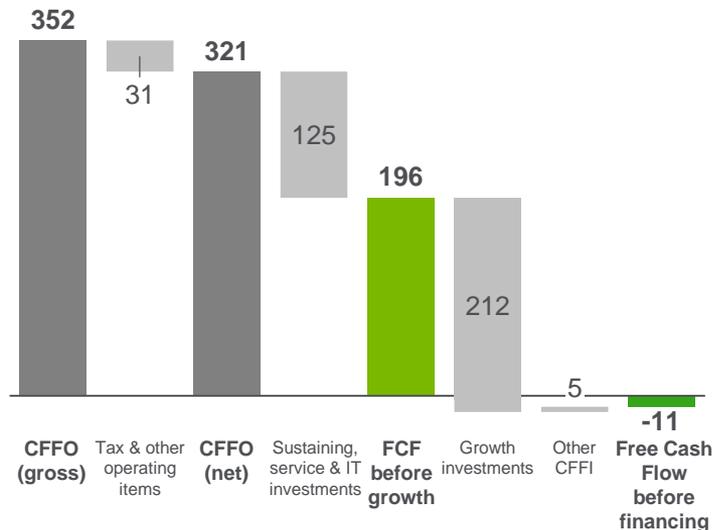
## HY1 2020

In EUR million



## HY1 2019

In EUR million



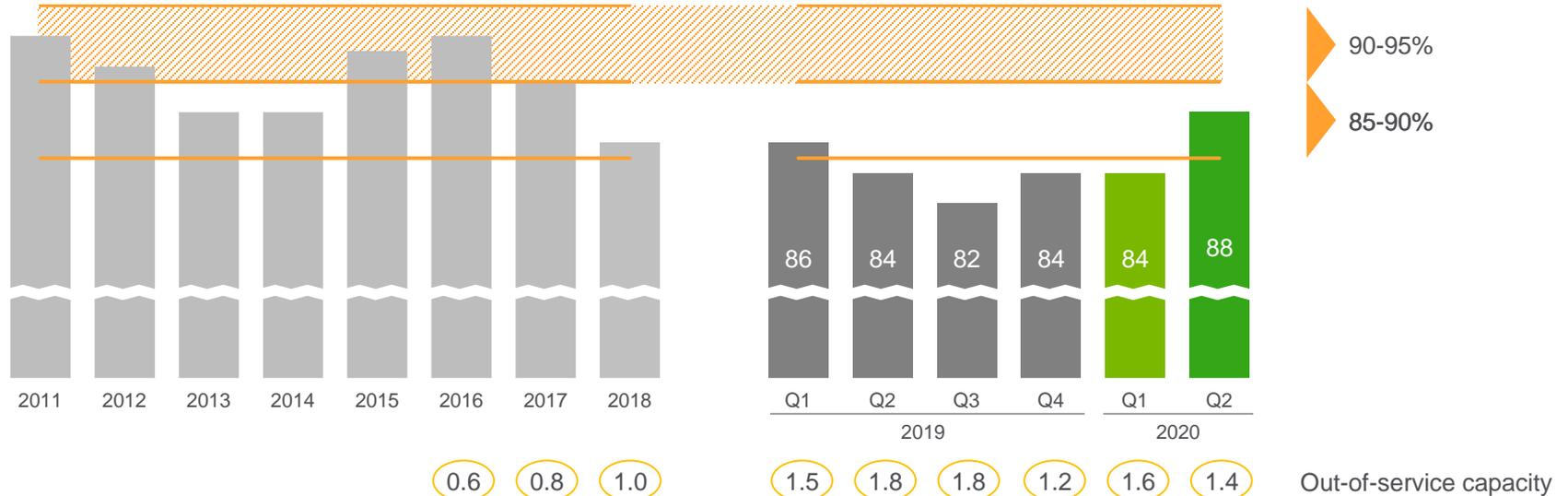
# Occupancy rate developments



Occupancy rate trends up following support from contango oil markets;  
Out-of-service capacity reduced, though behind schedule due to work restrictions

## Subsidiary occupancy rate and out-of-service capacity

In percent



■ Occupancy rate (in percent) for subsidiaries only  
○ Out-of-service capacity (in million cbm) for subsidiaries only, not corrected for divestments

# Overview financial framework

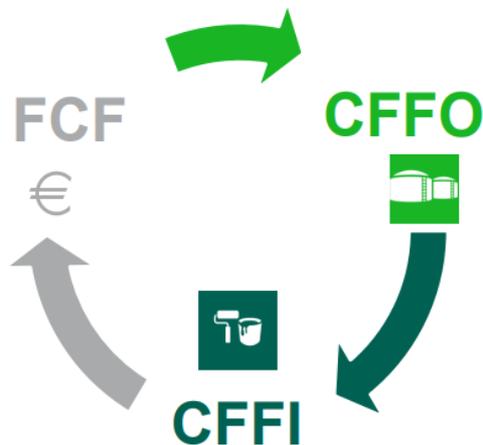
Performance delivery and managing value



- Clear financial framework to support strategy
  - Balanced portfolio management with focus on strong operational cash flow generation with a disciplined capital investment approach
  - Aimed towards a strong investment case
    - Return on capital employed (ROCE) between 10% and 15%
    - Long term net debt to EBITDA ratio between 2.5 and 3.0
    - Annual stable to rising cash dividend in balance with a management view on a payout ratio range of 25-75% of net profit

# Financial framework

Focus on cash flow generation to create shareholder value



## Cash Flow From Operations (CFFO)

Consolidated terminals: EBITDA +/- tax + asset disposals

Joint ventures: dividends received + shareholder loans repaid

## Cash Flow From Investments (CFFI)

Consolidated terminals: sustaining + service + IT + growth capex

Joint ventures: equity injection + shareholder loans granted

## Free Cash Flow (FCF) = CFFO - CFFI

Cash flow from operations minus the cash flow from investments

- 1 Debt servicing
- 2 Growth opportunities
- 3 Shareholder dividend
- 4 Capital optimization

# Well-balanced global portfolio

Strong resilient cash flow generation



Typical contract duration per product / terminal category

Share of proportionate revenues 2019\*



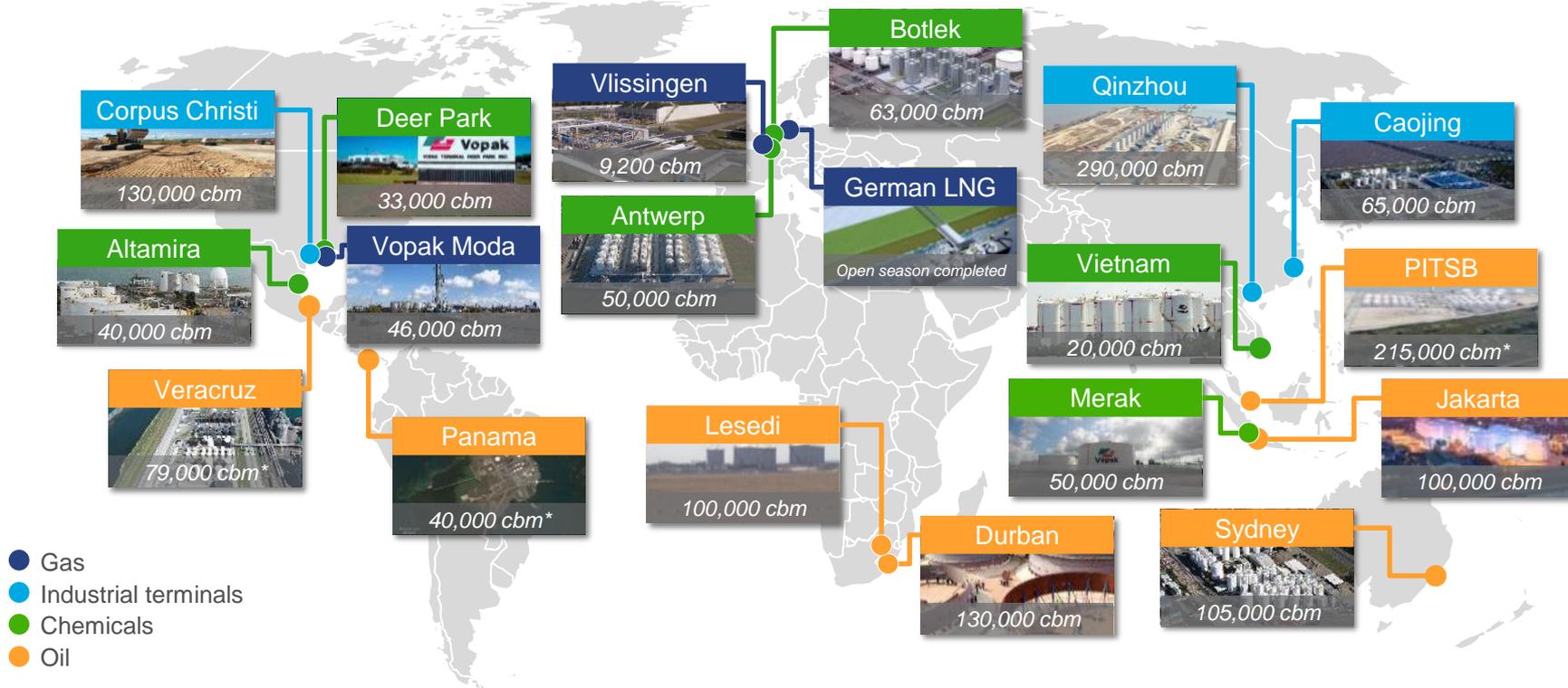
2019 EBITDA\*\*

\*Joint ventures, associates and subsidiaries with non-controlling interests are consolidated based on the economic ownership interests of the Group in these entities.

\*\* Including net result from joint ventures and associates and excluding exceptional items

# Portfolio developments

Growth program of 1.5 million cbm in 2020-2022



\* Remaining capacity, partly commissioned in 2019

# Project timelines



Country	Terminal	Vopak's ownership	Products	Capacity (cbm)	2017	2018	2019	2020	2021	2022
<b>Growth projects</b>										
<b>Existing terminals</b>										
Indonesia	Jakarta	49%	Oil products	100,000						
Indonesia	Merak	95%	Chemicals	50,000						
Netherlands	Vlissingen	100%	LPG & chemical gases	9,200						
South Africa	Durban	70%	Oil products	130,000						
Netherlands	Rotterdam - Botlek	100%	Chemicals	63,000						
Mexico	Veracruz	100%	Oil products	79,000						
United States	Deer Park	100%	Chemicals	33,000						
Australia	Sydney	100%	Oil products	105,000						
Belgium	Antwerp - Linkeroever	100%	Chemicals	50,000						
Mexico	Altamira	100%	Chemicals	40,000						
China	Shanghai - Caojing Terminal	50%	Industrial terminal	65,000						
<b>New terminals</b>										
South Africa	Lesedi	70%	Oil products	100,000						
United States	Vopak Moda Houston	50%	Chemical gases	46,000						
China	Qinzhou	51%	Industrial terminal	290,000						
United States	Corpus Christi	100%	Industrial terminal	130,000						



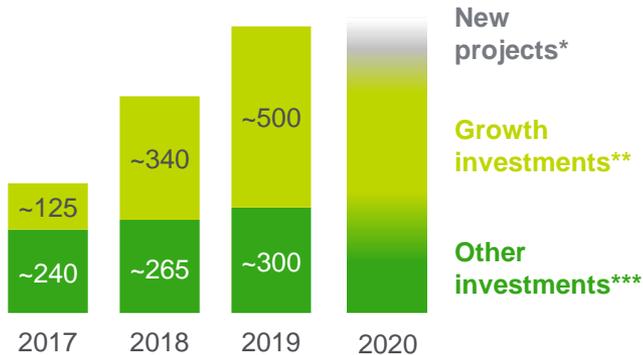
Indicative overview, timing may change due to delays of projects under construction relating to COVID-19 pandemic

# Investment phasing

Balanced approach for growth, sustaining, service improvement and IT investments

## Investments

In EUR million



## Investments

- For 2020, growth investment could amount to **EUR 300-500 million**
- In the period 2020-2022, Vopak may invest **EUR 750-850 million** in sustaining and service improvement capex, subject to additional discretionary decisions, policy changes and regulatory environment
- in the period 2020-2022, Vopak expects to spend annually **EUR 30-50 million** in IT capex

\* For illustration purposes only, new announcements might increase future growth investments

\*\* Growth capex at subsidiaries and equity injections for JV's and associates

\*\*\* Sustaining, service improvement and IT capex

# Priorities for cash

Balanced approach between allocating capital to growth opportunities, an efficient and robust capital structure and distributions to shareholders

1

## Debt servicing

HY1 2020 average interest 3.1%

2

## Growth opportunities

Value accretive growth

3

## Shareholder dividend

Annual stable to rising cash dividend in balance with a management view on a payout ratio range of 25-75% of the net profit

4

## Capital optimization

Efficient and robust capital structure

# Capital disciplined growth



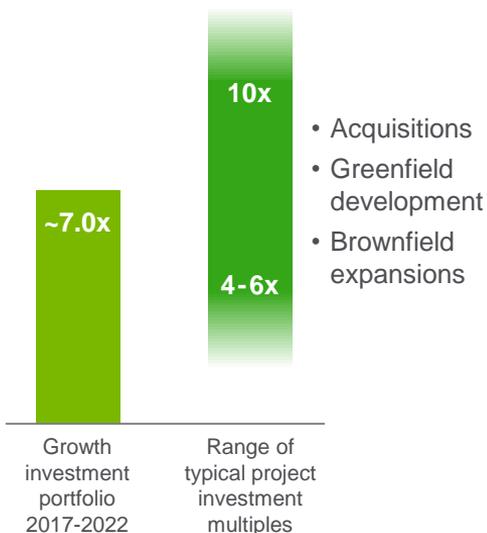
Value creation from attractive growth projects – investments of EUR 300-500 million for 2020 – and shareholder distributions

## Priorities for cash

- 1** Debt servicing  
HY1 2020 average interest 3.1%
- 2** Growth opportunities  
Value accretive growth
- 3** Shareholder dividend  
Stable to rising cash dividend
- 4** Capital optimization  
Efficient robust capital structure

## Growth investment multiples

Invested capital / normalized projected EBITDA\*



## Senior net debt : EBITDA ratio scenarios



## Strategic considerations

- Timing of growth opportunities
- Shareholder distributions

\* Invested capital reflects growth capex at subsidiaries and equity injections for JV's and associates  
Normalized projected EBITDA reflects Vopak's EBITDA contribution in normalized operating and market conditions

# Robust balance sheet



The balance sheet flexibility further strengthened with USD 500 million equivalent US Private Placement Notes Program

## Senior net debt : EBITDA ratio

for debt covenant

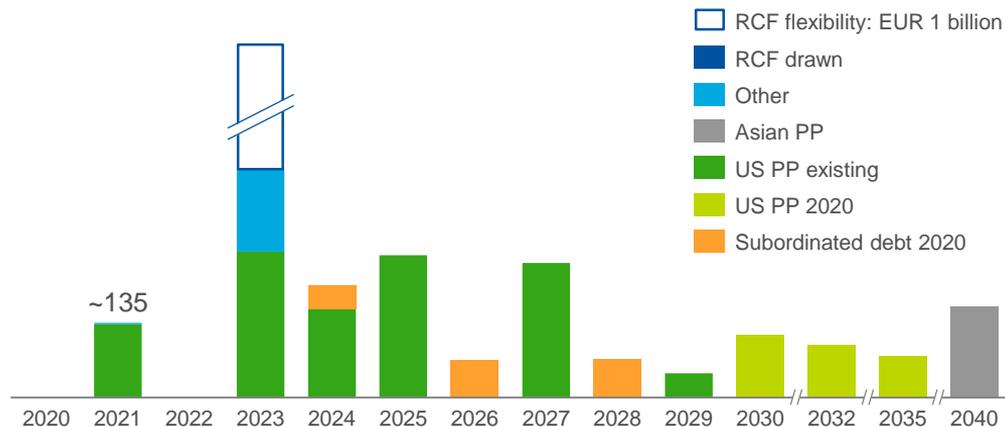
— Maximum ratio under private placements programs and syndicated revolving credit facility: 3.75



## Debt repayment schedule

In EUR million

Including new VTS financing and new 2020 US PP program (proceeds available end 2020) and maximum RCF flexibility in case 2020 US PP proceeds are used to repay short-term debt and current RCF drawings



In July 2020, Vopak signed agreements for a new debt issuance in the US Private Placement market  
 In July 2020, Vopak Terminals Singapore completed its refinancing consisting of a term loan and a revolving credit facility

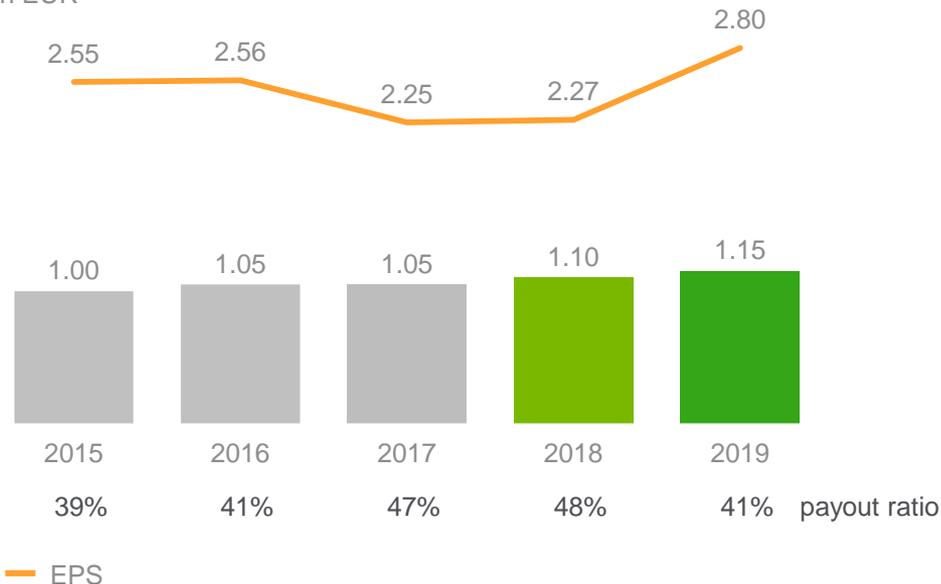
# Increase in dividend to EUR 1.15 per share

Continued rising cash dividends



## Dividend and EPS\*

In EUR



## Dividend policy:

Annual stable to rising cash dividend in balance with a management view on a payout ratio of 25-75% of net profit and subject to market circumstances

\*Excluding exceptional items; attributable to holders of ordinary shares

# Looking ahead



- We aim to grow EBITDA over time with new contributions from growth projects, further cost and revenue management to replace the EBITDA from divested terminals, subject to general market conditions and currency exchange movements
- We will continue to invest in growth of our global terminal portfolio with growth investment for 2020 that could amount up to EUR 500 million
- Cost management continues in 2020 to compensate at least for annual inflation and operating expenses will be further managed this year with the aim to be at some EUR 600 million in 2020
- We are prepared to respond to different economic scenarios focused on revenues, costs and cash flows to deliver performance and protect long-term value

# Storing vital products with care



Q2 2020 Roadshow Presentation

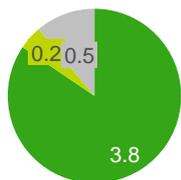
## Appendix



# Americas developments

## Storage capacity

In million cbm

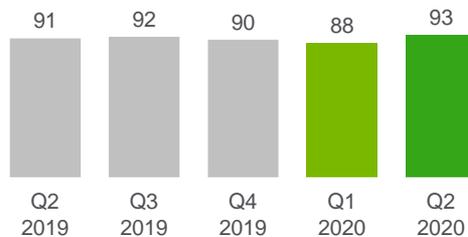


Total Q2 2020  
4.5 million cbm

- Subsidiaries
- Joint ventures & associates
- Operatorships

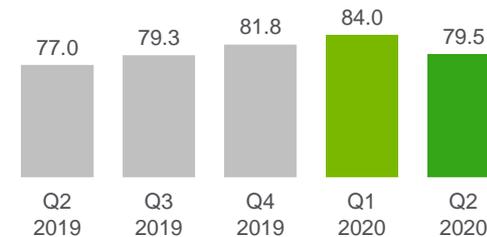
## Occupancy rate\*

In percent



## Revenues\*

In EUR million



## 19 Terminals (6 countries)



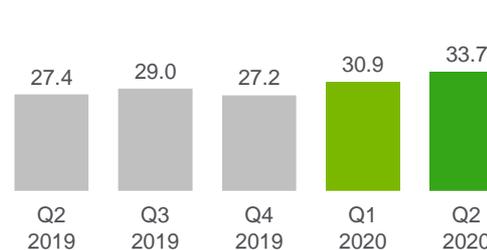
## EBITDA\*\*

In EUR million



## EBIT\*\*

In EUR million



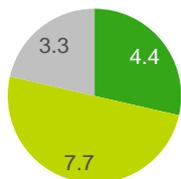
\* Subsidiaries only

\*\* EBIT(DA) - including net result from joint ventures and associates and excluding exceptional items

# Asia & Middle East developments

## Storage capacity

In million cbm

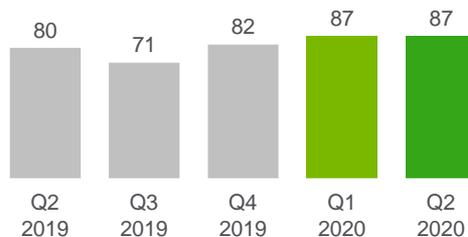


Total Q2 2020  
15.4 million cbm

- Subsidiaries
- Joint ventures & associates
- Operatorships

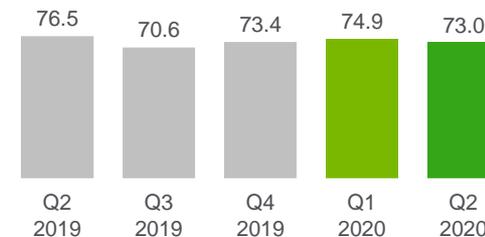
## Occupancy rate\*

In percent



## Revenues\*

In EUR million

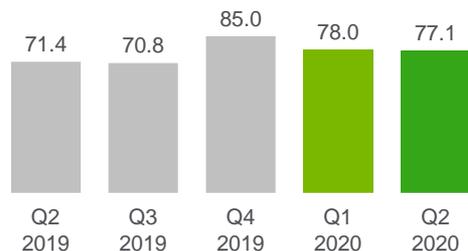


## 19 Terminals (9 countries)



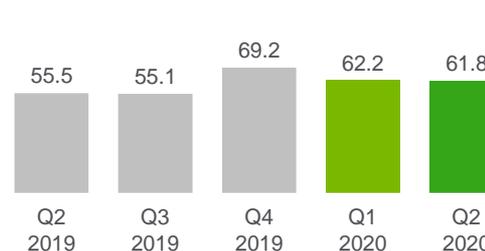
## EBITDA\*\*

In EUR million



## EBIT\*\*

In EUR million



\* Subsidiaries only

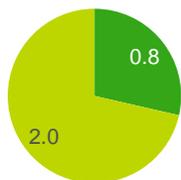
\*\* EBIT(DA) - including net result from joint ventures and associates and excluding exceptional items

# China & North Asia developments



## Storage capacity

In million cbm

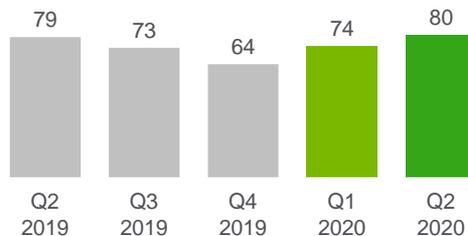


Total Q2 2020  
2.8 million cbm

- Subsidiaries
- Joint ventures & associates
- Operatorships

## Occupancy rate\*

In percent



## Revenues\*

In EUR million



## 8 Terminals (3 countries)



## EBITDA\*\*

In EUR million



## EBIT\*\*

In EUR million



\* Subsidiaries only

\*\* EBIT(DA) - including net result from joint ventures and associates and excluding exceptional items

# Europe & Africa developments



## Storage capacity

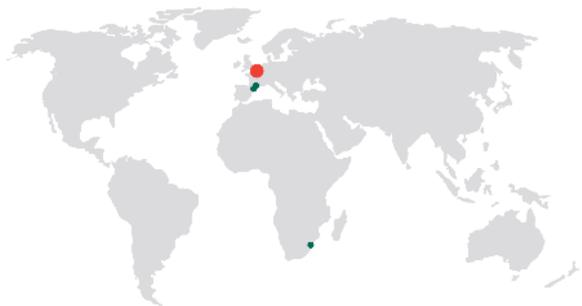
In million cbm



Total Q2 2020  
10.4 million cbm

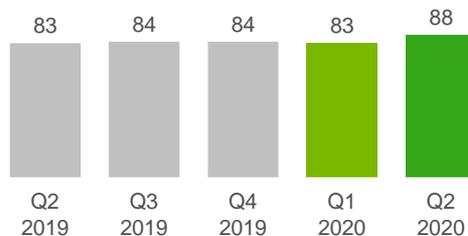
- Subsidiaries
- Joint ventures & associates
- Operatorships

## 15 Terminals (4 countries)



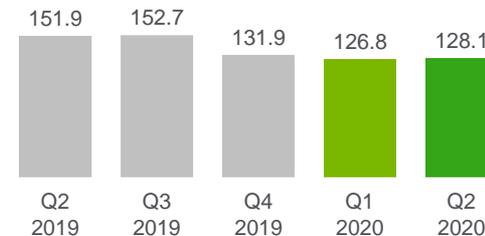
## Occupancy rate\*

In percent



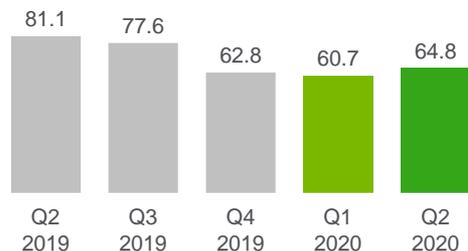
## Revenues\*

In EUR million



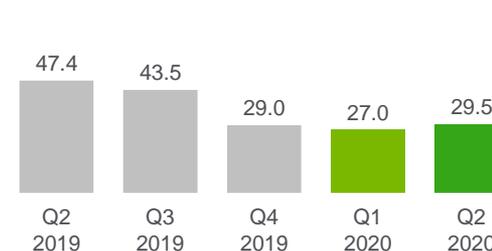
## EBITDA\*\*

In EUR million



## EBIT\*\*

In EUR million



\* Subsidiaries only

\*\* EBIT(DA) - including net result from joint ventures and associates and excluding exceptional items

# JVs & associates developments

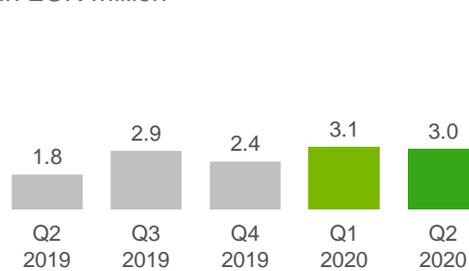
## Net result JVs and associates\*

In EUR million



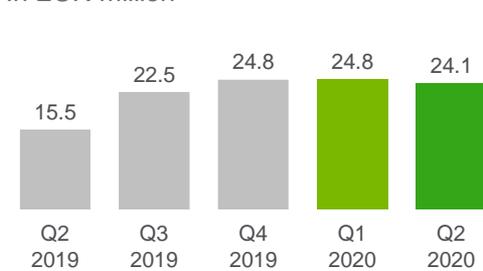
## Americas\*

In EUR million



## Asia & Middle East\*

In EUR million



## China & North Asia\*

In EUR million



## Europe & Africa\*

In EUR million



## LNG\*

In EUR million



\* Excluding exceptional items

Storing  
vital products  
with care



Q2 2020 Roadshow Presentation

Product market  
updates



# Gas markets

## Key messages



- Resilient storage and handling demand for LNG and LPG despite COVID-19
- Vopak's global gas network is underpinned by long-term take-or-pay contracts
- Vopak has a unique portfolio of LNG and gas storage infrastructure combined with a proven track-record of safe, sustainable and reliable operations
- Growth projects and developments for LNG and gas terminals are on track, however COVID-19 may affect the speed of developments of some growth projects
- Strong global gas market fundamentals are supported by short-term resilience in gas infrastructure demand

# Gas markets developments

Resilient storage demand in LNG and LPG despite COVID-19



## HY1 2020 – LNG developments

- LNG demand reduced and oversupply deepens as lockdowns caused a reduction in industrial and power consumption, the main use of LNG
- Spot and oil-linked LNG prices dropped, global arbitrage opportunities closed and liquefaction FIDs are postponed beyond 2020
- Low LNG prices have resulted in increased levels of coal-to-gas switching and high gas inventories in the EU

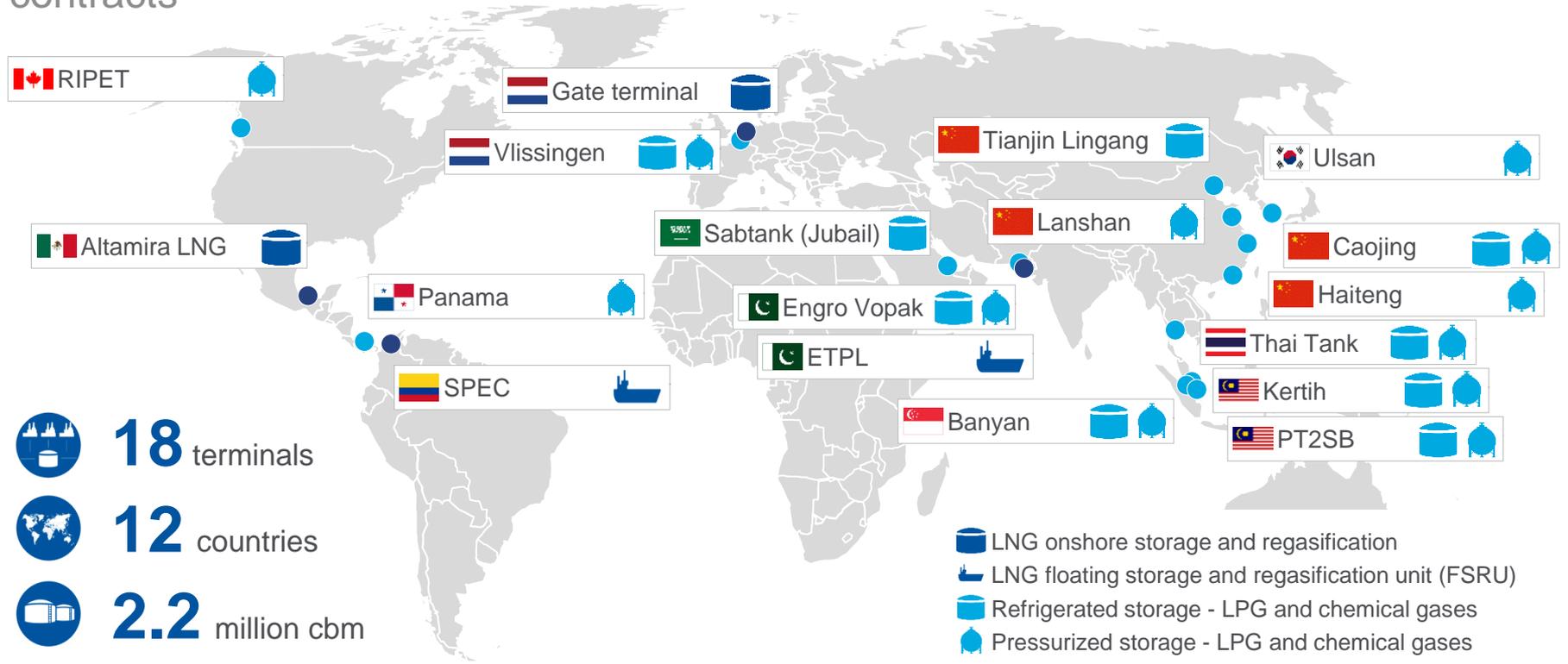
## HY1 2020 – LPG developments

- Residential LPG demand surged amid lockdowns
- COVID-19 related medical demand (including personal protective equipment) supported LPG intake from propane dehydrogenation (PDH) plants
- Price-sensitive LPG demand for cracking has been reduced as naphtha has been the preferred feedstock due to low crude prices and weak gasoline demand

# Vopak's global gas footprint



LNG and chemical gases revenues underpinned by long-term take-or-pay contracts



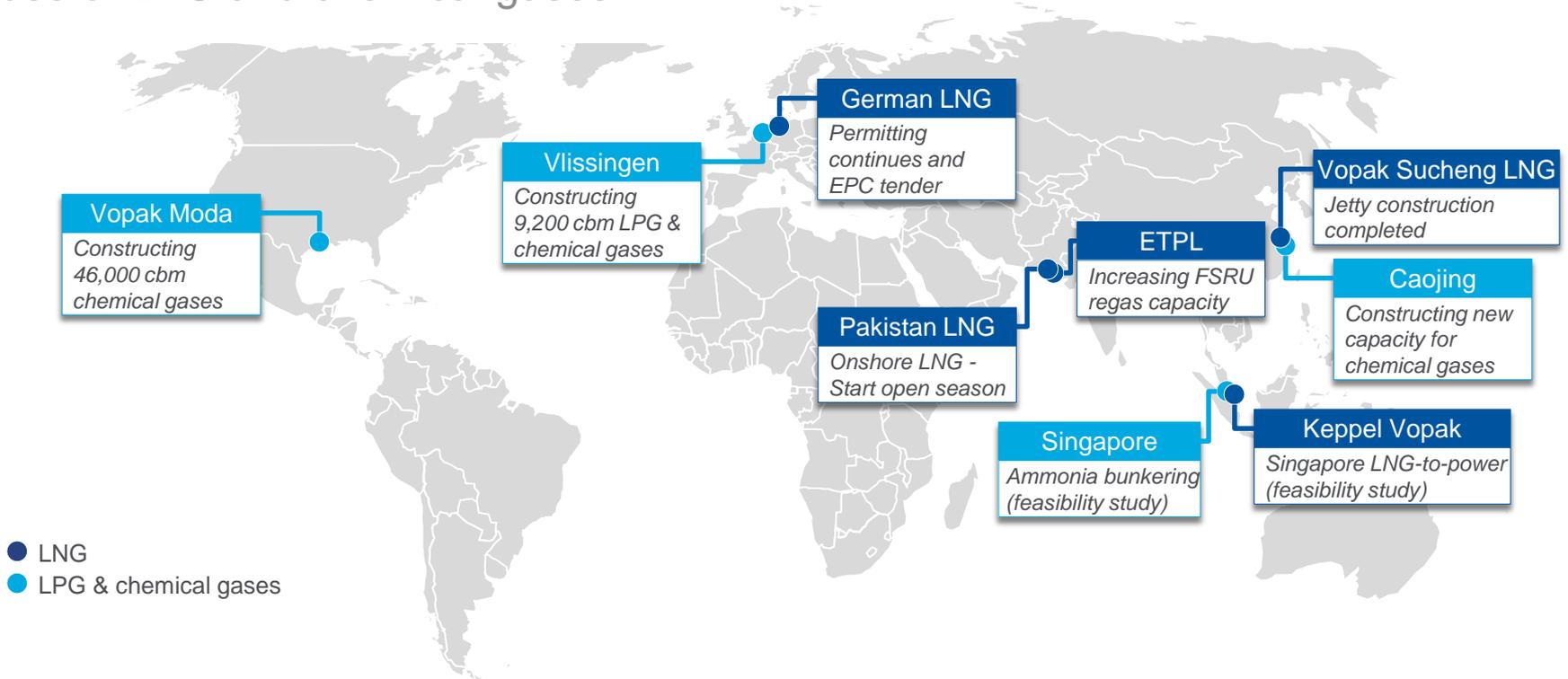
 **18** terminals  
 **12** countries  
 **2.2** million cbm

 LNG onshore storage and regasification  
 LNG floating storage and regasification unit (FSRU)  
 Refrigerated storage - LPG and chemical gases  
 Pressurized storage - LPG and chemical gases

# Growth developments in gas are on track



Focus on growth in LNG regasification, LPG import/export and industrial use of LPG and chemical gases



# Gas markets outlook

Strong global gas market fundamentals supported by short-term resilience in infrastructure demand



## LNG market outlook

- In a supply driven market with a low LNG price, access to regasification terminals is key
- In the short-term, global arbitrage is closed and less LNG (spot) cargoes are expected to come to Europe
- Future LNG demand growth is based on strong fundamentals and the best positioned alternative during the energy transition

## LPG market outlook

- LPG production growth is linked to oil demand and price recovery
- Normalized naphtha prices will improve competitiveness of LPG as cracking feedstock
- Growing LPG imbalances and trade require supporting infrastructure globally in the medium to long-term

# Industrial terminals and chemical products



## Key messages

- Chemical capacity build up, combined with Covid-19 demand destruction and low oil prices impacted chemical industry margins and trade flows
- End market demand for chemicals varies widely between durable and consumable goods mainly affected by change in behavior
- Tank storage demand for chemicals and industrial terminals is stable although throughput activity levels have come down
- Short-term, chemical industry margins are expected to remain depressed as markets are well supplied. Demand for storage expected to remain stable, throughputs lagging
- Medium to long-term, trade flows are expected to recover as growing demand absorbs new capacity. Vopak industrial terminal developments supported by customer demand

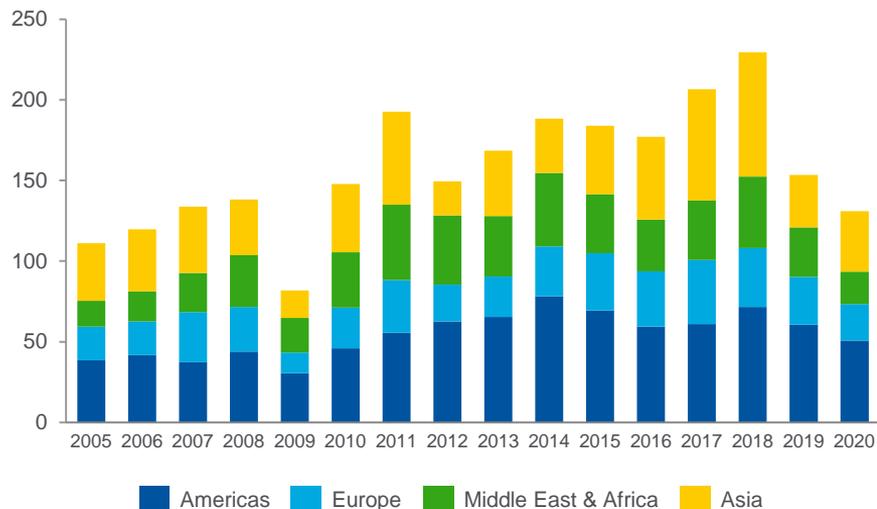
# Well supplied chemical markets

COVID-19 demand destruction led to further length in chemical markets



## Global base chemicals cash earnings

In US\$ billion



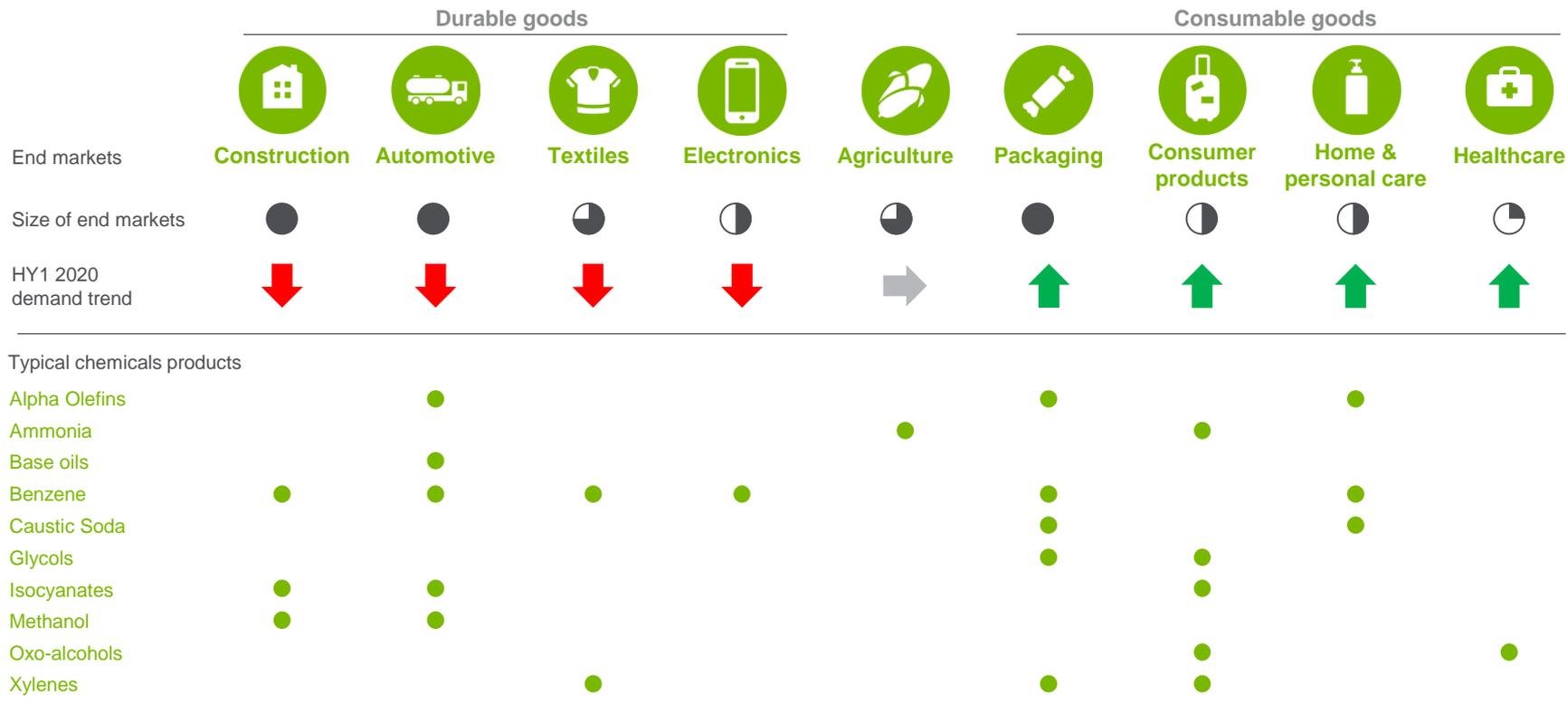
## Global base chemical capacity growth by market

In million ton



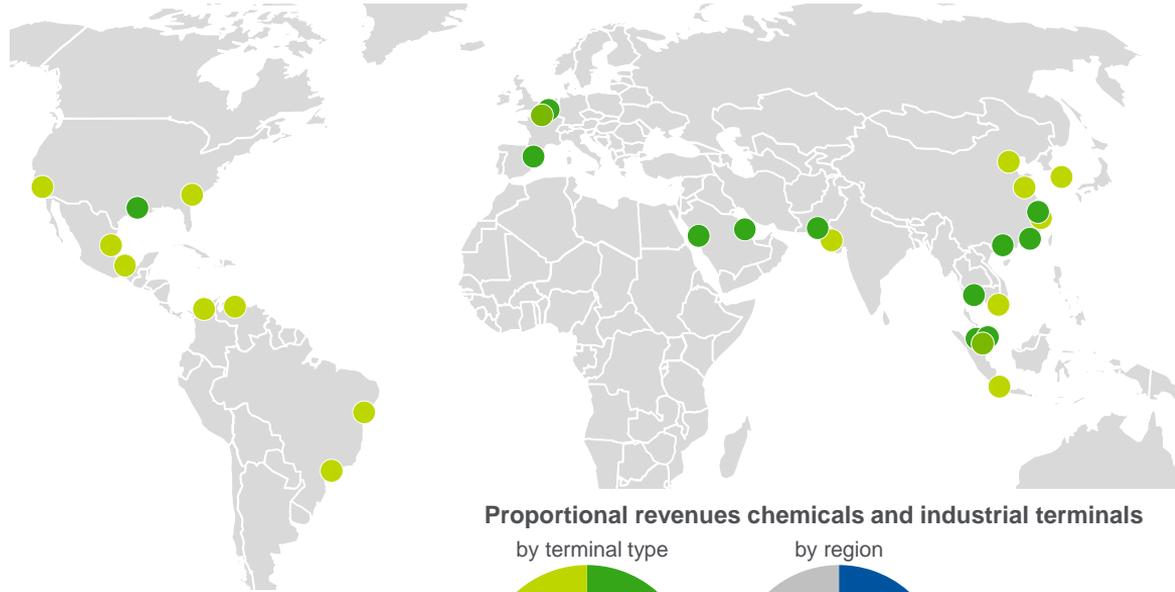
# End markets developments

Changing consumer behavior: more consumables, less durable goods



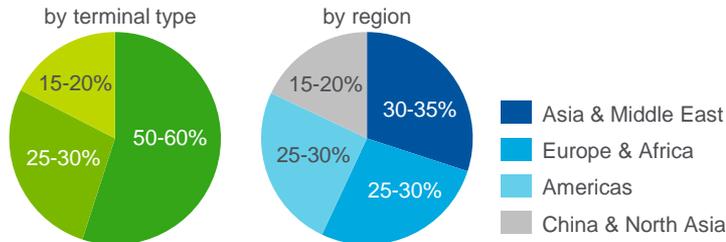
# Vopak's global chemicals footprint

Balanced portfolio with stable demand for storage but lower activity in HY1

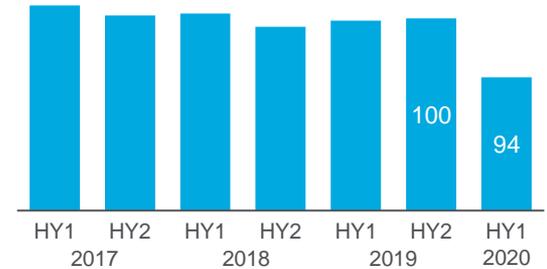
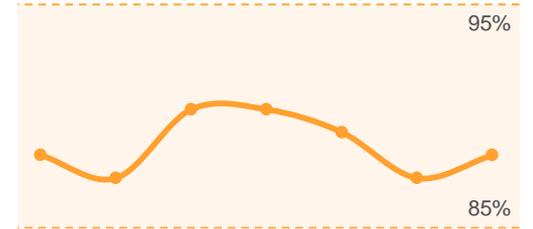


- Industrial terminals
- Chemicals hub terminals
- Chemicals distribution terminals

**Proportional revenues chemicals and industrial terminals**



**Occupancy rate and throughput**



- Proportional occupancy rate chemicals and industrial terminals combined
- Throughput activity (indexed 2019) chemicals and industrial terminal combined

# Outlook chemical markets and Vopak performance



## Outlook chemical markets

- Chemical demand seem to have bottomed in Q2
- Short-term, chemical industry margins are expected to remain depressed as markets are well supplied
- It will take time for markets to balance as demand has to absorb new production capacity coming on stream over next 18 months
- Medium to long-term, chemical demand, margins and trade flows are expected to recover

## Outlook Vopak performance

- Demand for storage is expected to remain stable in the short-term
- Healthy customer portfolio and contract structure will allow Vopak to ride the downturn successfully
- Majority of revenues is take-or-pay, lower customer activity could impact ancillary and throughput revenues
- Vopak's new industrial terminal developments are fully supported by customer demand

# Oil markets

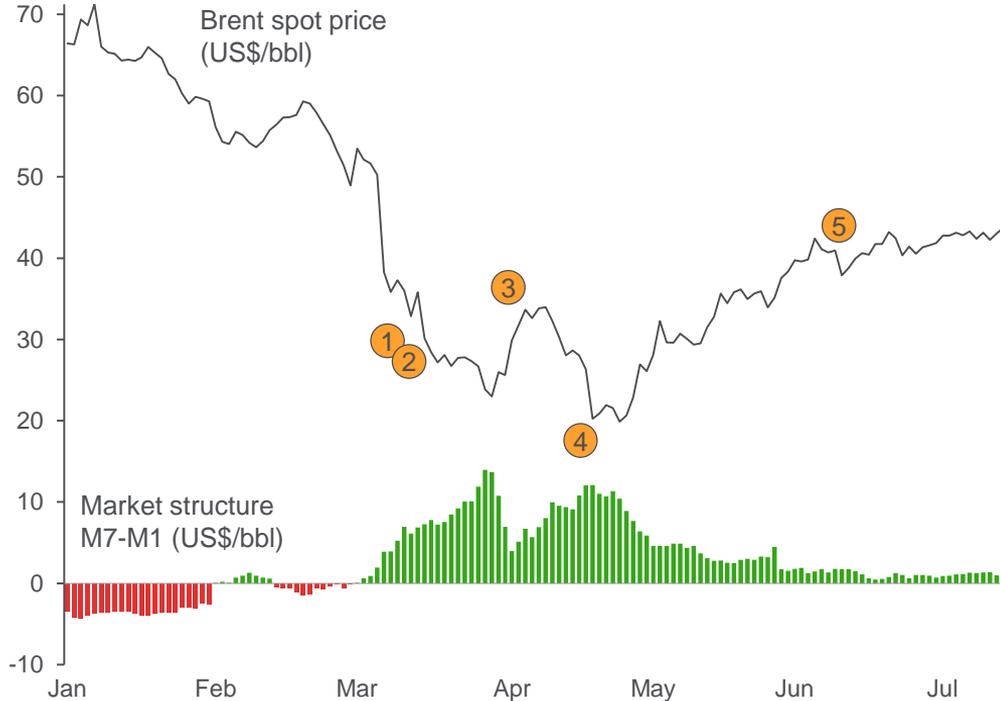
## Key messages



- 2020: an unprecedented year for oil markets with high volatility in price, supply and demand
- Vopak oil terminals in the hubs Rotterdam, Fujairah and Singapore Straits are logistic, trading and refining centers with sustainable storage demand that was boosted by a positive market environment
- Vopak oil distribution terminals that are located in large deficit markets have, so far, seen relatively limited impact of COVID-19 on throughputs
- After the drop in supply and demand during the second quarter, oil market fundamentals have turned more positive for the period 2021-2022
- Oil markets are expected to remain volatile in 2021-2022, supporting demand for tank storage

# Oil price and market structure 2020

An unprecedented year in terms of events and volatility



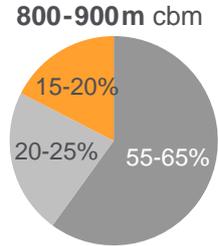
- 2020 started with OPEC+ and geopolitics as key drivers for oil price
- COVID-19 added a new factor
- Events
  - ① KSA announcement (March 8)
  - ② COVID-19 declared pandemic (March 11)
  - ③ President Trump tweet OPEC+ deal (April 2)
  - ④ Negative WTI settlement (April 20)
  - ⑤ OPEC+ extends cuts (June 6)
- Sustained recovery and continued volatility

# Oil storage: global capacity & Vopak network

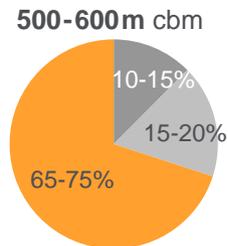


Market leader in oil hubs and presence in key distribution markets

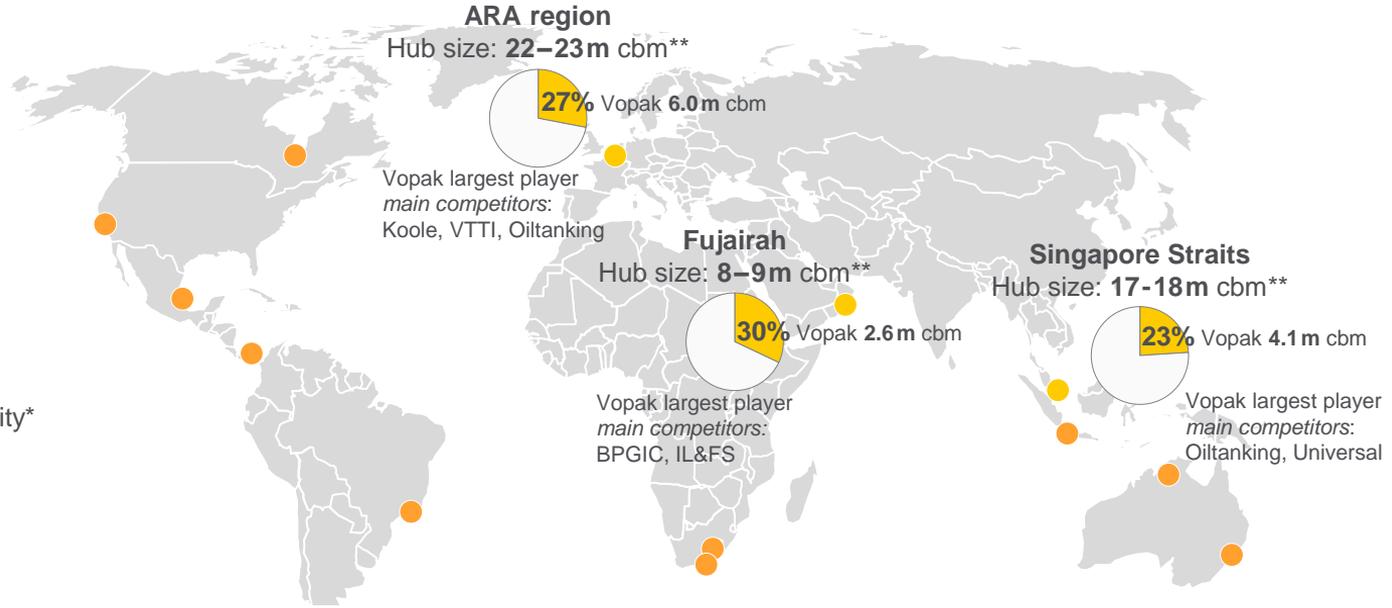
Global **crude** storage capacity\*



Global **oil products** storage capacity\*



- Commercial storage (primary & secondary)
- Refinery storage
- Strategic and exploration & production storage



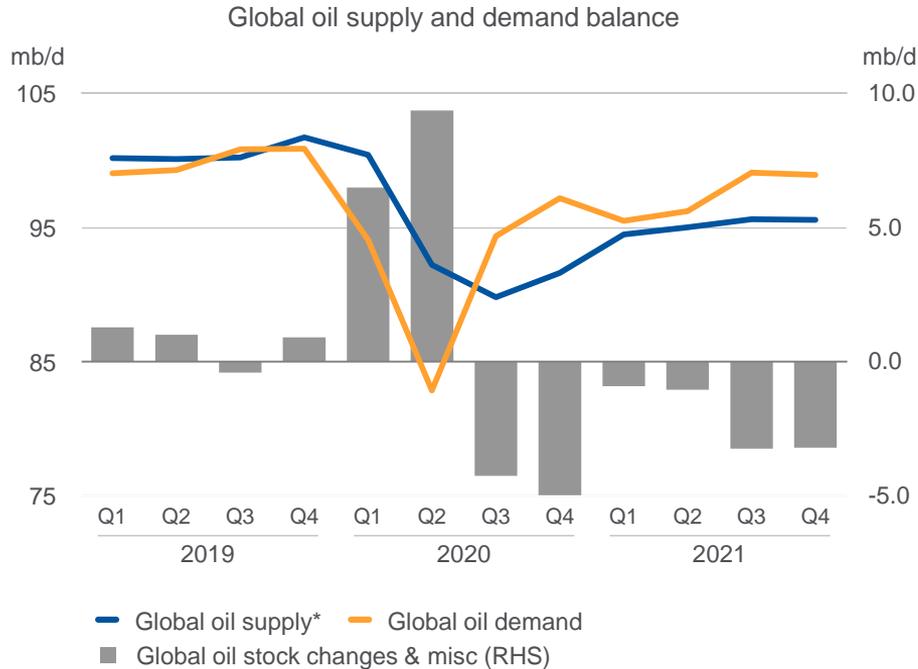
- Vopak oil hub terminal
- Vopak oil distribution terminal
- ▒ Vopak market share at hub location
- Competitors

\* Vopak analyses - range due to non-transparency and different definitions between sources

\*\* Vopak analyses - based on commercial storage capacity

# Crude supply/demand outlook

Oil market fundamentals look positive post COVID-19



- Biggest drop in oil demand ever seen
- Massive stock building as a result
- Supply response will catch up with demand
- Stock draws expected to start in Q3 2020 initially impacting floating storage

\* Assumes 100% compliance with OPEC+ deal  
Source: IEA OMR July 2020, Vopak analyses

# Oil product demand outlook

Volatility expected in the period 2021-2022 - drives demand for tank storage

- Main uncertainty on product demand is COVID-19
- Impact COVID-19 differs per product group:
  - Middle distillate demand is most impacted, with diesel bouncing back and jet expected to see the longest term impact
  - Fast recovery in gasoline demand
  - Impact on marine fuels relatively limited
- Market volatility, due to COVID-19 and crude supply, in the period 2021-2022 is expected to drive demand for tank storage.

