

3

BW ORION

POWERED BY LPC

0000 10

00

### **Disclaimer and Forward-Looking Statements**



This presentation has been produced by BW LPG Limited ("BW LPG") exclusively for information purposes. This presentation may not be reproduced or redistributed, in whole or in part, to any other person.

Matters discussed in this presentation and any materials distributed in connection with this presentation may constitute or include forward–looking statements. Forward–looking statements are statements that are not historical facts and may be identified by words such as "anticipates", "believes", "continues", "estimates", "expects", "intends", "may", "should", "will" and similar expressions, such as "going forward". These forward–looking statements reflect BW LPG's reasonable beliefs, intentions and current expectations concerning, among other things, BW LPG's results of operations, financial condition, liquidity, prospects, growth and strategies. Forward–looking statements include statements regarding: objectives, goals, strategies, outlook and growth prospects; future plans, events or performance and potential for future growth; liquidity, capital resources and capital expenditures; economic outlook and depend on circumstances that may or may not occur in the future. The forward–looking statements in this presentation are based upon various assumptions, many of which are based, in turn, upon further assumptions, including without limitation, management's examination of historical operating trends, data contained in BW LPG's records and other data available from Fourth parties. Although BW LPG believes that these assumptions were reasonable when made, these assumptions are inherently subject to significant known and unknown risks, uncertainties, contingencies and other important factors which are difficult or impossible to predict and are beyond its control. Forward–looking statements are not goarantees of future performance and such risks, uncertainties, contingencies and other important factors which are difficult or impossible to predict and are beyond its control. Forward–looking statements are not guarantees of future performance and such risks, uncertainties, contingencies and other important factors which are difficult or impossible to predict and are beyond its control. Forward–looking statements are n

No representation, warranty or undertaking, express or implied, is made by BW LPG, its affiliates or representatives as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or the opinions contained herein, for any purpose whatsoever. Neither BW LPG nor any of its affiliates or representatives shall have any responsibility or liability whatsoever (for negligence or otherwise) for any loss whatsoever and howsoever arising from any use of this presentation or its contents or otherwise arising in connection with this presentation. All information in this presentation is subject to updating, revision, verification, correction, completion, amendment and may change materially and without notice. In giving this presentation, none of BW LPG, its affiliates or representatives undertakes any obligation to provide the recipient with access to any additional information or to update this presentation or any information or to correct any inaccuracies in any such information. The information contained in this presentation should be considered in the context of the circumstances prevailing at the time and has not been, and will not be, updated to reflect material developments which may occur after the date of the presentation.

The contents of this presentation are not to be construed as legal, business, investment or tax advice. Each recipient should consult its own legal, business, investment or tax adviser as to legal, business, investment or tax advice. By attending this presentation you acknowledge that you will be solely responsible for your own assessment of the market and the market position of BW LPG and that you will conduct your own analysis and be solely responsible for forming your own view on the potential future performance of the business of BW LPG. This presentation must be read in conjunction with the recent financial information and the disclosures therein.

This presentation and the information contained herein are not an offer of securities for sale in the United States and are not for publication or distribution to persons in the United States (within the meaning of Regulation S under the U.S. Securities Act of 1933, as amended (the "Securities Act")). The securities referred to herein have not been and will not be registered under the Securities Act and may not be offered or sold in the United States except pursuant to an exemption from the registration requirements of the Securities Act. Any failure to comply with this restriction may constitute a violation of United States securities laws. BW LPG has not registered and does not intend to register its securities in the United States or to conduct a public offering of shares in the United States. Copies of this presentation are not being made and may not be distributed or sent, directly or indirectly, in or into the United States, Canada, Australia or Japan, or any other jurisdiction in which such distribution would be unlawful or would require registration or other measures.

In any EEA Member State other than Norway that has implemented Directive 2003/71/EC (as amended, together with any applicable implementing measures in any Member State, the "Prospectus Directive"), this presentation is only addressed to and is only directed at qualified investors in that Member State within the meaning of the Prospectus Directive.

For the UK based investors–This presentation is only being distributed to and is only directed at persons in the United Kingdom that are (i) investment professionals falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "Order") or (ii) high net worth entities, and other persons to whom this presentation may lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). This presentation must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this presentation relates is available only to relevant persons and will be engaged in only with relevant persons.



# Agenda

- 1. Highlights
- 2. Market
- 3. Performance
- 4. Summary & Outlook
- 5. Q & A



# Delivering LPG with Lower-emissions, Digitalised Ships

**BW LPG** 

Maximising our assets on water with technology

### From Well to Wake

- LPG has the lowest GHG emissions profile of any carbonbased fuel
- Retrofitting maximises use of current assets and saves CO2 emissions vs newbuilds

### Proven and Scaled

- 10 VLGCs on water and 2 at yard
- >10,000 operational hours at sea and counting

### Digitalisation

- SmartShip technology onboard
- Real-time data connectivity between ship and office for optimal operational efficiency

# Highlights and Outlook



Commercia	I Performance	Financial I	Performance	Dividen	ds
<b>\$30,100</b> TCE per available day	98% Commercial utilisation	\$29M Net profit after tax	<b>\$0.20</b> Earnings per share	<b>\$0.10</b> Dividend per share	\$14M Total
<b>\$27,800</b> TCE per calendar day	8% Technical offhire	\$383M Available liquidity	<b>36%</b> Net leverage ratio	<b>\$0.38</b> YTD Dividend per share	\$53M YTD Total
Highl	lights and Subsequent	Events		Market Outlook	
<ul> <li>years at 36%</li> <li>Retrofitted a further 2 × 10 vessels on water, w</li> <li>Fitted 3 more vessels vessels, enabling real consumption</li> <li>Concluded the sale an Energy in August – ge million</li> <li>Exercised the purchase</li> </ul>	SD 383 million with the lowest n vessels with LPG dual-fuel prop vith over 10,000 hours running o with SMARTship technology, bri time data monitoring, and savin ad delivery of BW Confidence in nerating USD 81 million in liquid se option on Yuricosmos in Augu expected 8% ROCE and a gair	ulsion, bringing the total to on LPG nging the total to 20 g USD 1.5 million on fuel July, BW Boss and BW lity and a net gain of USD 9	by > growing US LPG > recovering product > continued strong > and increasing sh In the longer term, the here market uncertainty. How	ctions from the Middle East and stable end user demand hipping inefficiencies eavy newbuilding delivery schedule ever, the market could be supporte pected reduction in the speed of the	e for 2023 has created d by Panama Canal

### **Key Financials**

**BW LPG** 

	Q3 2021	Q3 2020	YTD 2021	YTD 2020
VLGC Daily TCE <sup>1</sup>	\$27,800	\$26,800	\$31,500	\$36,100
VLGC Daily OPEX <sup>2</sup>	\$8,400	\$7,600	\$8,100	\$7,500
TCE income (in USD million)	\$105	\$101	\$349	\$413
EBITDA (in USD million)	\$65	\$67	\$233	\$307
Profit after tax (in USD million)	\$29	\$25	\$124	\$167
EPS <sup>3</sup>	\$0.20	\$0.18	\$0.88	\$1.21
Operating cash flow (in USD million)	\$63	\$89	\$287	\$374
Free cash flow <sup>4</sup> (in USD million)	\$106	\$87	\$283	\$367
Earnings Yield <sup>5</sup> (Annualised)	14.9%	17%	21%	39%
ROE <sup>6</sup> (Annualised)	9%	8%	13%	19%
ROCE <sup>6</sup> (Annualised)	7%	6%	9%	11%
EBITDA Margin <sup>7</sup>	63%	66%	67%	74%
Net leverage ratio <sup>8</sup>	36%	44%	36%	44%



1.TCE rates per day presented above are inclusive of both commercial waiting and technical offhire days (i.e. 100% of calendar days)

2.Prior period includes LGC in the fleet

3.EPS (earnings per share) is computed based on the weighted average number of shares outstanding less treasury shares during the period

4. Free cash flow is computed as operating cash flow less capital expenditures. Capital expenditures include additions to property, plant and equipment, and proceeds from vessel sales

5. Earnings yield is computed as EPS divided by the share price at the end of the period in USD terms

6.ROE (return on equity) and ROCE (return on capital employed) is computed based on the average equity and capital employed at the end and beginning of the period

7.EBITDA Margin is computed as EBITDA over TCE Income

8.Net leverage ratio is computed as total debt less cash over total debt less cash plus equity



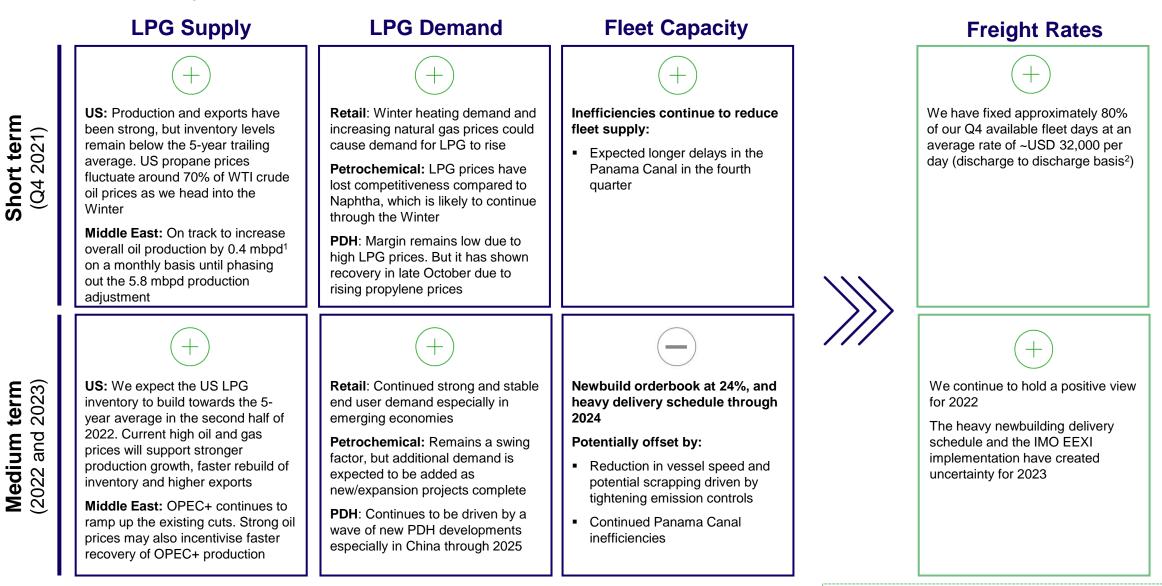
# Market



7 16 Nov 2021 **Q3 2021 Results** Aspire Towards a Better World

## VLGC Market Outlook

### Continue to hold a positive view for the medium term VLGC market



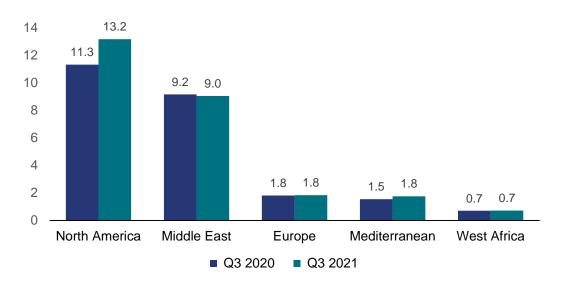
1. Million barrels per day

2. For financial reporting purposes, voyages are accounted for on a load to discharge basis in accordance with International Financial Reporting Standards

8

## Q3 2021 Seaborne LPG Trade Overview

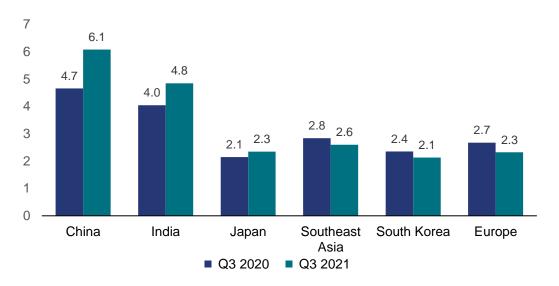
Growing North American LPG exports, recovering Chinese imports and strong Indian retail demand



#### Q3 2021 seaborne LPG exports by country/region

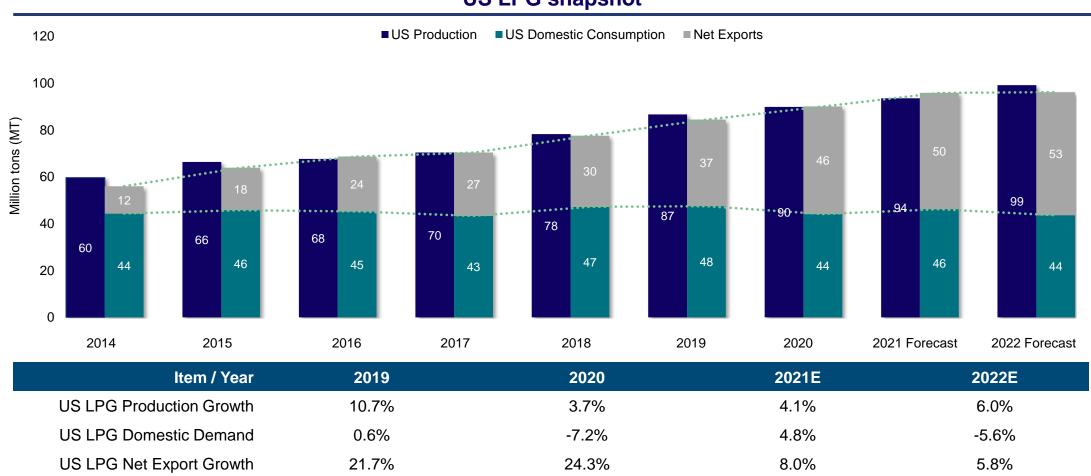
- North America LPG exports increased by 16% y-o-y to 13.2 MT. Upstream activities progressively recover and number of drilled but uncompleted (DUC) wells continue to fall
- Middle East LPG exports fell marginally by 1% y-o-y. Exports from Saudi Arabia fell by 13%, especially in July due to power outage-related production issues. Iranian exports have recovered significantly by over 90% from 0.7 MT to 1.4 MT, most of the cargoes landed in China

#### Q3 2021 seaborne LPG imports by country/region



- Despite falling petrochemical margins due to high LPG prices, China LPG imports recovered strongly by 30% y-o-y to 6.1 MT, In September, one new PDH plant has come onstream, adding over 0.8 MT of incremental import demand per year
- Retail demand into India continued to grow strongly in the quarter, Indian LPG imports have increased significantly by 20% y-o-y to 4.8 MT

### US LPG Net Exports EIA expects 2022 US LPG exports to increase from 2021



US LPG snapshot

Source: EIA Short-term Energy Outlook November Release

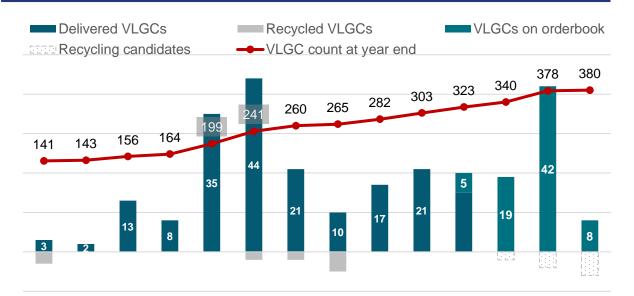
1. Net exports includes land and waterborne. Land means LPG transported via pipeline, train, rail, trucks etc., waterborne refers to LPG transported by all vessel types on sea.

**BW LPG** 

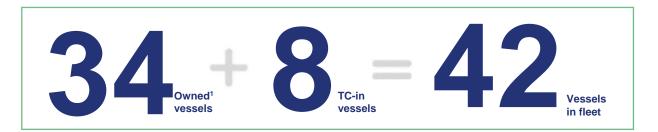
## **VLGC Fleet Profile**

Orderbook at 74 vessels (24%) through to 2024

### Global VLGC fleet profile — average age of 10.5 years

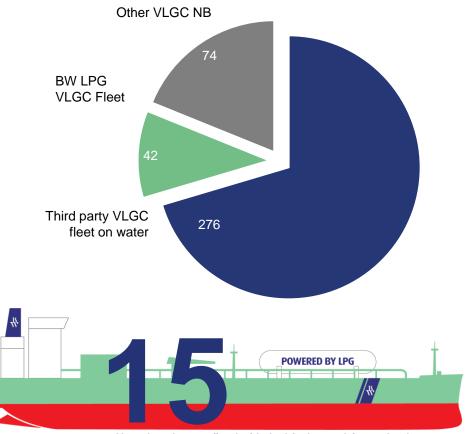


2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024



**BW LPG VLGC market share<sup>3</sup> of 13%** 

**RWIPG** 



Vessels to be retrofitted with dual-fuel propulsion technology

Source: BW LPG analysis, Clarksons 1. Owned VLGCs includes 6 vessels in the BW Global United's fleet 2. Data as of 22 October 2021 3. Market share based on ships on water



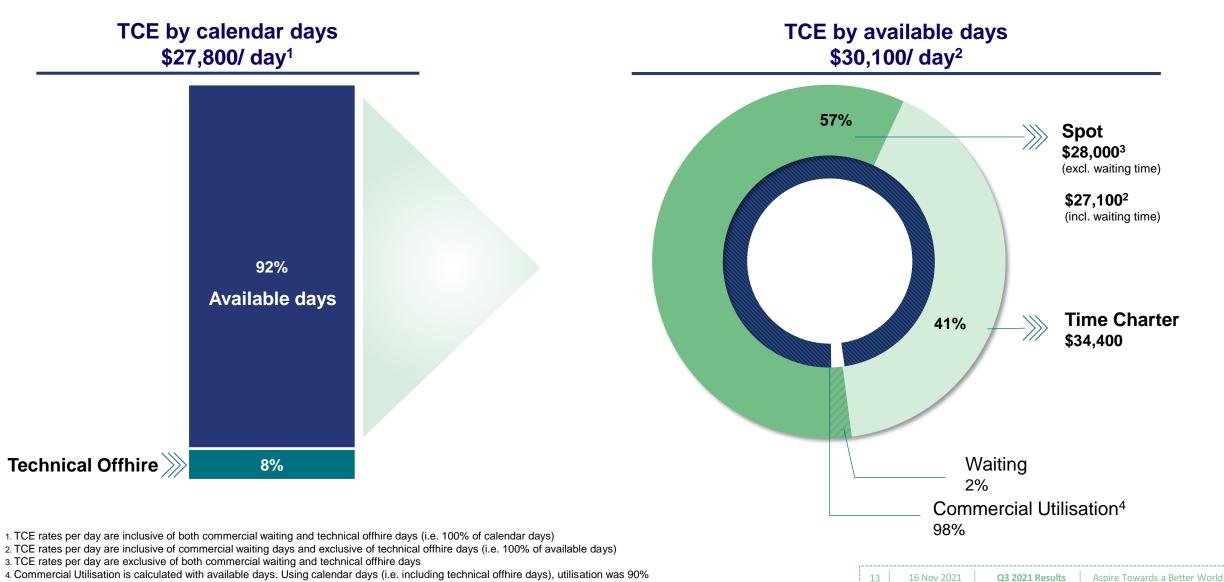
# Performance



12 16 Nov 2021 Q3 2021 Results Aspire Towards a Better World

## Commercial – Q3 2021 Performance

Achieved 98% commercial utilisation; generated TCE revenue of USD 30,100 per available day

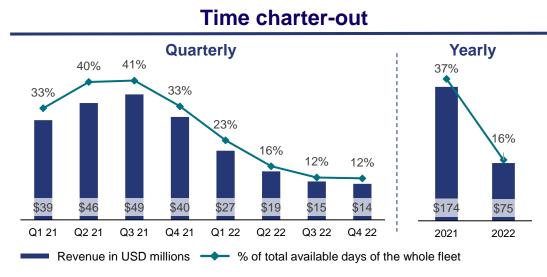


5. All calculations and ratios exclude finance lease vessels

### Commercial – Time Charter Portfolio Overview



Time charter-out coverage for 2022 at 16% with an average rate of USD 33,100 per day



#### Time charter rate (USD thousands / day)



#### Quarterly Yearly 16% 16% 17% 16% 14% 13%

Q2 22

Net time charter position

Q3 22

Q4 22

% of total available days of the whole fleet

Q2 21

Cost in USD millions

Q1 21

Q4 21

Q1 22

Q3 21

### **Time charter-in**

	20	21	2022		
	% of total fleet <sup>1</sup>	Revenue/ (Cost)	% of total fleet <sup>1</sup>	Revenue/ (Cost)	
TC out	37%	\$174m	16%	\$75m	
TC in	16%	(\$61m)	16%	(\$60m)	
Net position		\$113m		\$15m	

1. Data as of 30 September 2021

2.% of fleet ratio is basis: TC out is based on total available days and TC in is based on total calendar days

\$61

2021

\$60

2022

### Technical – Q3 2021 Performance



An eye on the future with next-generation VLGCs	SMARTships	Aiming for fully vaccinated crewing
• Hydrogen, batteries, rotor sails and ammonia are some technologies that are being reviewed as alternative energy sources for the future.	<ul> <li>20 vessels connected to Alpha-Ori SMARTship</li> </ul>	More than 90% of crew onboard are fully or partially vaccinated:
<ul> <li>Optimising existing hardware – main engine can be converted to run other fuels in future, such as ammonia</li> </ul>	system. <ul> <li>Remote support and control</li> </ul>	<ul> <li>Focus for vessels to carry fully vaccinated crew.</li> <li>Reduce time spent in guarantine for vaccinated crew</li> </ul>
<ul> <li>Flexible cargo handling systems – reduce load/discharge time with improved innovative reliquefication system and cargo tank insulation</li> </ul>	with real time data <ul> <li>2450Mt fuel saved YTD with</li> </ul>	with multiple PCR and Antigen tests prior to leaving home country and before joining vessel in port
<ul> <li>Energy efficiency – minimise fuel consumption with optimised bow, hull and propeller designs; quality antifouling and hull air lubrication</li> </ul>	SMART voyage routing (theoretical saving against	<ul> <li>Vaccinated travels will reduce vessel delays and cost for embarking/disembarking crew, whilst protecting</li> </ul>
Carbon Capture & Storage – evaluated for future CO2 compliance	benchmark)	personnel (onboard and ashore) from possible infection



Projected fleet capex <sup>1</sup>						
	2021	2022	Total			
Maintenance capex	\$31m	\$16m	\$47m			
Upgrade capex <sup>2</sup>	\$89m	\$31m	\$120m			
Total capex	\$120m	\$47m	\$167m			
Capex paid as at 30 Sep 2021	(\$97m)	(\$9m)	(\$106m)			
Remaining capex to be paid	\$23m	\$38m	\$61m			

1. As at 30 September 2021

2. Upgrade capex includes the retrofitting of dual-fuel LPG propulsion engines and other upgrades

### Financial – Income Statement



Income statement (Figures in USD thousands)	Q3 2021	Q3 2020	YTD 2021	YTD 2020
Net revenue from spot voyages	55,650	64,653	215,014	321,151
Net revenue from time charter voyages	49,130	36,797	133,854	91,716
TCE income	104,780	101,450	348,868	412,867
Net loss from commodity contracts	(673)	(261)	(4,573)	(730)
Fair value gain from equity financial asset	634	-	1,995	-
Vessel operating expenses	(26,500)	(24,818)	(76,108)	(73,377)
Time charter contracts (non-lease components)	(3,825)	(3,351)	(9,706)	(10,120)
General and administrative expenses	(6,829)	(5,849)	(22,991)	(16,570)
Charter hire expenses	(1,651)	(1,473)	(8,439)	(7,764)
Finance lease income	221	447	832	1,507
Other operating (expenses)/income – net	(682)	1,187	3,001	941
Operating profit before depreciation, amortisation and impairment (EBITDA) Depreciation charge Amortisation of intangible assets Gain on disposal of vessels Gain on derecognition of right-of-use assets (vessels) Gain on disposal of assets held-for-sale Impairment charge on right-of-use assets (vessels) Remeasurement of equity interest in joint venture Other expense	65,475 (37,337) (141) - 2,536 8,701 -	67,332 (38,525) (67) - - 3,805 - -	232,879 (112,441) (399) 1,638 2,536 18,642 - 9,835 (1,145)	306,754 (114,776) (132) - - - 9,078 (4,200) -
Operating profit (EBIT)	39,234	32,545	151,545	196,724
Finance expense – net	(9,781)	(9,563)	(29,317)	(32,986)
Share of profit of a joint venture <sup>1</sup>	-	1,695	2,031	4,187
<b>Profit before tax for the financial period</b>	29,453	24,677	124,259	167,925
Income tax expense	(183)	(88)	(740)	(661)
Profit after tax for the financial period (NPAT)	29,270	24,589	123,519	167,264
1. The Indian joint venture is now accounted for as a subsidiary		16   16 Nov	v 2021 Q3 2021 Results	Aspire Towards a Better World

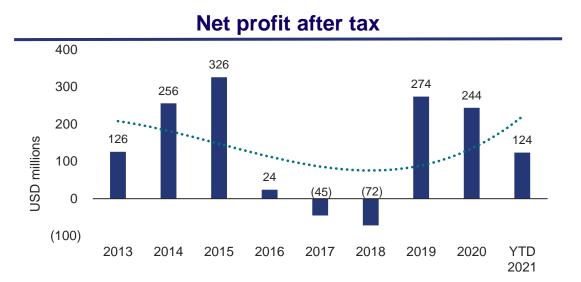
### Financial – Balance Sheet and Cash Flows



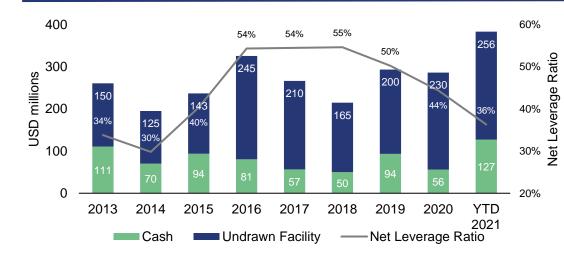
Balance sheet (Figures in USD thousands)			30 September	31 December
			2021	2020
Vessels and dry docking			1,838,990	1,754,338
Other non-current assets Total current assets			132,800	287,589
Total assets			381,797	374,704
			2,353,587	2,416,631
Total shareholders' equity			1,340,825	1,251,570
Total non-current liabilities			788,456	908,283
Total current liabilities			224,306	256,778
Total liabilities			1,012,762	1,165,061
Total equity and liabilities			2,353,587	2,416,631
Cash flows (Figures in USD thousands)	Q3 2021	Q3 2020	YTD 2021	YTD 2020
Cash flows from operating activities				
Profit before tax for the financial period	29,453	24,677	124,259	167,925
Adjustments and changes in working capital	33,546	64,147	162,668	205,706
Net cash provided by operating activities	62,999	88,824	286,927	373,631
Net cash provided by investing activities	49,480	11,190	46,924	26,465
Net cash used in financing activities	(118,677)	(83,069)	(262,797)	(393,535)
C C				
Net (decrease)/increase in cash and cash equivalents	(6,198)	16,945	71,054	6,561
Cash and cash equivalents at beginning of the financial period	133,608	83,141	56,356	93,525
Cash and cash equivalents at end of the financial period	127,410	100,086	127,410	100,086
		17   16 No	v 2021 Q3 2021 Results	Aspire Towards a Better World

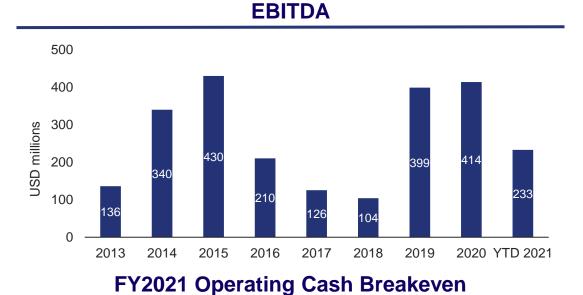
## Financial – Highlights

Liquidity at USD 383 million with net leverage ratio down to its lowest level in seven years at 36%



Available liquidity and net leverage ratio





	USD/day
Owned fleet – operating cash breakeven <sup>1</sup>	20,700
Total fleet – operating cash breakeven <sup>1</sup>	22,200

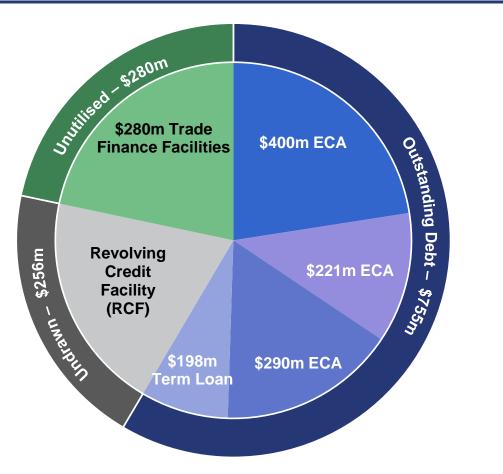
1.Cash breakeven = Total cash costs (excluding capex) / Available days owned fleet or total fleet



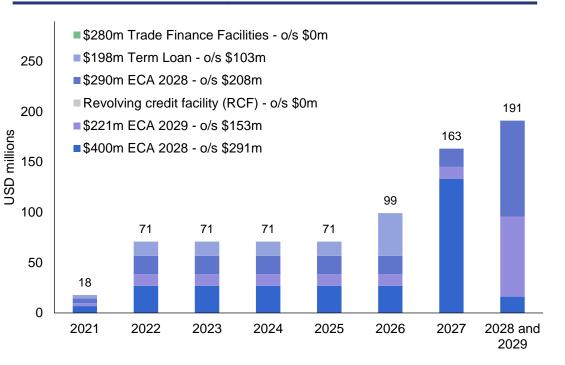
### Financial – Financing Structure and Repayment Profile

No major balloon payments due in the next five years

#### Financing structure<sup>1</sup>



#### Repayment profile<sup>1</sup>



#### Net Debt and Total Available Liquidity

	USD (millions)
Net Debt	765
Undrawn amount under revolving credit facility	256
Cash	127
Total available liquidity	383

19



Q&A

**CEO Anders Onarheim** 

CFO Elaine Ong

EVP (Commercial) Niels Rigault

EVP (Technical and Operations) Pontus Berg



# **Contact Us**

Investor Relations investor.relations@bwlpg.com

**Telephone** +65 6705 5588

**Ticker** BWLPG

Linkedin https://sg.linkedin.com/company/bwlpg

Address

10 Pasir Panjang Road Mapletree Business City #17-02 Singapore 117438





# Appendix



### VLGC Charter Portfolio 2021 – 2022

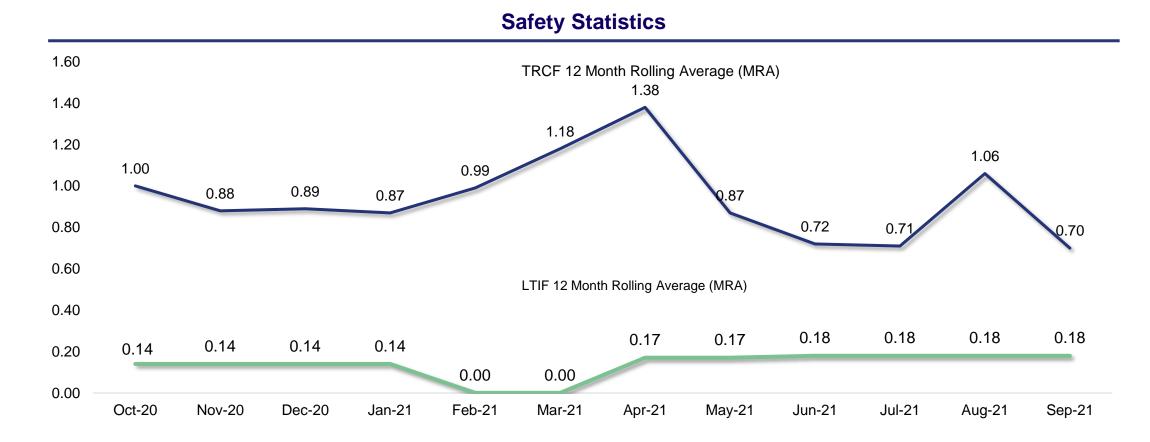
Our contract coverage stands at 37% for 2021 (as of 30 September 2021)

	Q1 2021	Q2 2021	Q3 2021	Q4 2021E	2021E	2022E
Owned days	2,930	3,291	3,164	3,128	12,513	12,410
Time charter in days	540	546	609	644	2,339	2,316
Total calendar days	3,470	3,837	3,773	3,772	14,852	14,726
Offhire <sup>1</sup>	(88)	(421)	(294)	(119)	(922)	(411)
Total available days (Net of offhire)	3,382	3,416	3,479	3,653	13,930	14,315
Spot days (Net of offhire)	2,273	2,034	2,053	2,436	8,796	12,046
Time charter out days (Net of offhire)	1,109	1,382	1,426	1,217	5,134	2,269
% Spot days	67%	60%	59%	67%	63%	84%
% TC days	33%	40%	41%	33%	37%	16%
TCE rates	Q1 2021	Q2 2021	Q3 2021	Q4 2021E	2021E	2022E
Spot	\$48,900	\$23,700	\$27,100	-	-	-
Time charter out	\$35,200	\$33,100	\$34,400	\$33,100	\$33,900	\$33,100
VLGC TCE rate (Net of offhire)	\$44,400	\$27,500	\$30,100	-	-	-
Time charter in	\$26,100	\$26,100	\$25,500	\$25,900	25,900	\$26,100

1. Offhire is assumed to be 3 days per year per vessel, distributed equally per quarter, during the years the vessel does not have planned dry dockings

### **Fleet Safety Statistics**

Safety and Zero Harm onboard remain our key focus, especially during challenging times



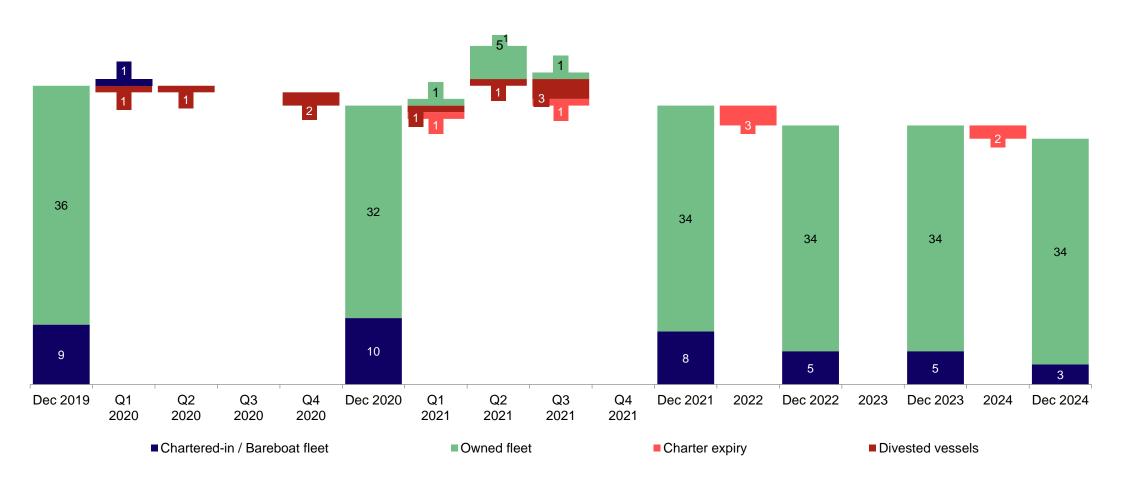
Total Recordable Case Frequency (TRCF): Work-related fatalities and injuries per one million hours worked

Lost Time Injury Frequency (LTIF): Workplace fatalities and injuries that leads to lost work time, per one million hours worked

## **BW LPG Fleet Development**



#### **Timeline based on current contracts**



Note: The fleet timeline assumes that vessels on time charter-in will be redelivered at charter expiry 1. BW Global United LPG India has been converted to a subsidiary and their vessels are included in the owned fleet Fleet List

**BW LPG** 

#### Modern fleet of 42 vessels built at leading shipyards (as of 30 September 2021)

	Owned VLGCs (100% O	wnership)					C
	Name	Year	Shipyard	Name	Year	Shipyard	١
	BW Mindoro <sup>1</sup>	2017	DSME	BW Carina	2015	Hyundai H.I.	E
	BW Malacca <sup>1</sup>	2016	DSME	BW Aries	2014	Hyundai H.I.	E
	BW Magellan <sup>1</sup>	2016	DSME	BW Niigata	2010	Mitsubishi H.I.	(
	BW Frigg <sup>1</sup>	2016	Hyundai H.I.	BW Sakura	2010	Mitsubishi H.I.	E
	BW Freyja <sup>1</sup>	2016	Hyundai H.I.	BW Odin	2009	Hyundai H.I.	E
	BW Volans <sup>1</sup>	2016	Hyundai H.I. 👔	BW Austria	2009	DSME	E
	BW Brage <sup>1</sup>	2016	Hyundai H.I. 👔	BW Lord	2008	DSME	E
Г	BW Tucana <sup>1</sup>	2016	Hyundai H.I. 🛽	BW Thor	2008	Hyundai H.I.	E
	BW Var <sup>1</sup>	2016	Hyundai H.I. ㅣ	BW Princess	2008	Hyundai H.I.	٦
	BW Njord <sup>1</sup>	2016	Hyundai H.I. ㅣ	BW Tyr	2008	Hyundai H.I.	
	BW Balder <sup>1</sup>	2016	Hyundai H.I.	BW Loyalty	2008	DSME	
	BW Orion <sup>1</sup>	2015	Hyundai H.I	BW Oak <sup>2</sup>	2008	Hyundai H.I.	١
	BW Libra <sup>1</sup>	2015	Hyundai H.I	BW Liberty	2007	DSME	١
	BW Leo <sup>1</sup>	2015	Hyundai H.I	BW Prince	2007	Hyundai H.I.	E
	BW Gemini <sup>1</sup>	2015	Hyundai H.I.	BW Trader	2006	DSME	E
			' '				-

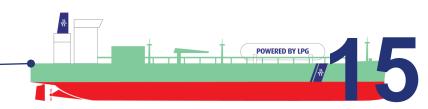
Name	Year	Shipyard	Charter type
BW Yushi	2020	Mitsubishi H.I.	Time charter
BW Kizoku	2019	Mitsubishi H.I.	Time charter
Oriental King	2017	Hyundai H.I.	Time charter
BW Messina	2017	DSME	Time charter
BW Kyoto	2010	Mitsubishi H.I.	Time charter
BW Tokyo	2009	Mitsubishi H.I.	Time charter
Berge Nantong	2006	Hyundai H.I.	Time charter
Berge Ningbo	2006	Hyundai H.I.	Time charter
Total 8 vessels (0.7 m	nillion CBM)		

#### VLGCs in BW Global United LPG India Private Limited

Obertenad / Denahaat VI. OOe

Name	Year	Shipyard	Ownership (%)
BW Pine	2011	Kawasaki S.C.	88%
BW Elm	2007	Hyundai H.I.	88%
BW Birch	2007	Hyundai H.I.	88%
BW Cedar	2007	Hyundai H.I.	88%
Total 4 vessels (0.3	8 million CBM)		

### Total 30 vessels (2.5 million CBM)



Vessels to be retrofitted with dual-fuel propulsion technology

Retrofit of dual-fuel LPG propulsion engines
 BW Oak was delivered to BW Global United in November 2021