

# Earnings Presentation Q4 2022



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# Agenda

01 Highlights

02 Market

03 Performance

**04** Q&A





### 2022 Q4 Highlights and Market Outlook

#### **Commercial Performance**

\$55,000
TCE per available day

98% Commercial utilisation

3%

\$53,300

TCE per calendar day Technical offhire

**Financial Performance** 

\$95M

Net profit after tax

\$463M

**Available liquidity** 

\$0.69

Earnings per share

24%

Net leverage ratio

#### **Return to Shareholders**

\$0.52

Dividend per share

\$1.28

YTD Dividend per share

\$69M

Total

\$172M

**YTD Total** 

#### **Highlights**

- Strong Q4 performance drove our FY 2022 NPAT 28% higher than FY 2021
- Ample available liquidity of USD 463 million with a low net leverage ratio of 24%
- Dividend yield of 26% for the quarter and 16% for FY 2022
- Incorporated Vilma's LPG trading operations into our Product Services business in November 2022
- Concluded the sale and delivery of BW Prince in October, generating USD 44 million in liquidity and a net book gain of USD 2 million
- As at 31 December 2022, we have bought back 5.9 million shares in our share buyback program at an average price of USD 5.99 per share, amounting to USD 35 million
- Entered into agreements to sell BW Austria and BW Odin, well above book values

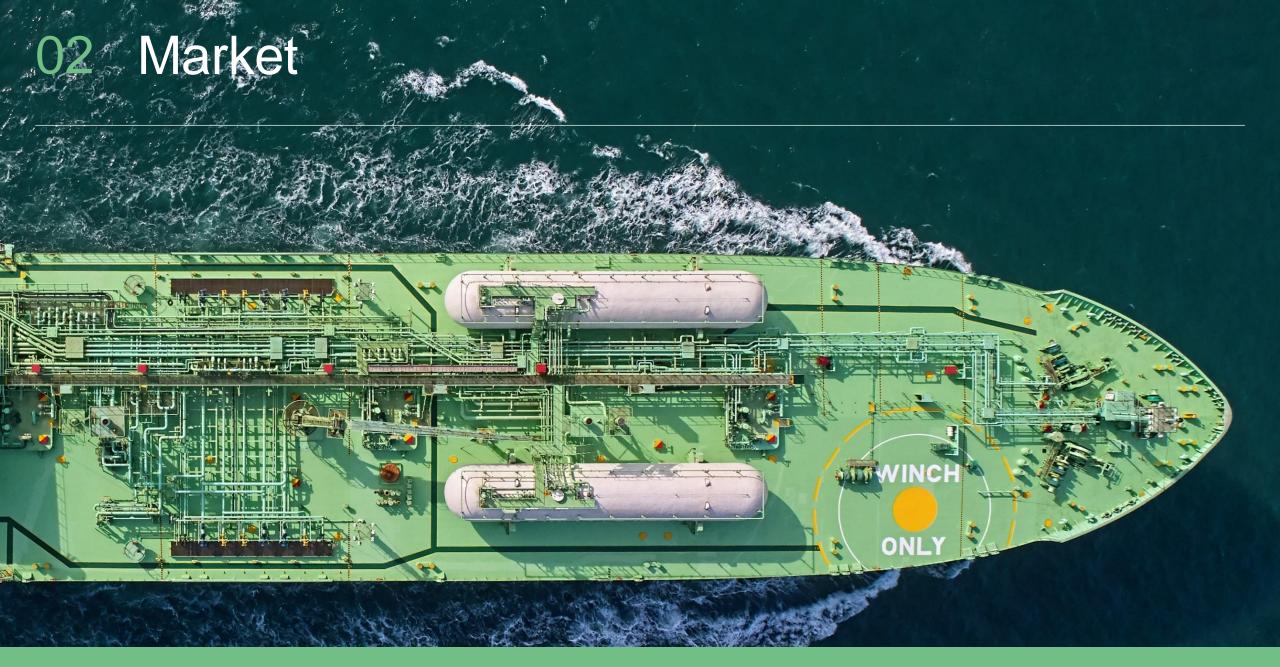
#### **Market Outlook**

- We reiterate our positive view on 2023 amid high volatility. Key underlying drivers includes:
  - Strong growth from US exports and steady growth from the Middle East exports expected in the coming years
  - More Chinese PDH plants are starting up again after China's lockdown
  - Shipping inefficiencies from the heavy dry-dock schedule and the Panama Canal transit congestion
  - Sudden demand spikes can quickly tighten the market balance

#### **Subsequent Events**

- Entered into an agreement to sell BW Thor
- Exercised purchase options for BW Messina and BW Kyoto with expected deliveries in Q2 2023 and Q4 2023 respectively
- Expanded the Pool with vessels contributed by Vitol and Product Services
- The Board enhanced the dividend policy to target a quarterly pay-out ratio of 100% of NPAT when the net leverage ratio is below 20%



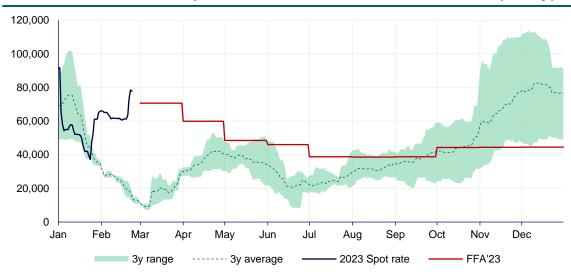


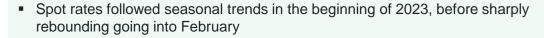


### **VLGC Near Term Market Outlook**

We reiterate our positive view for 2023 despite high newbuild deliveries

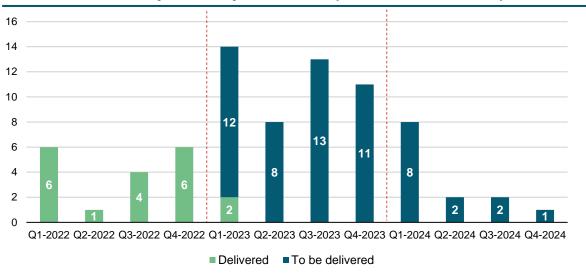
#### Near term VLGC spot rate outlook: Houston – Chiba (\$/day)





- This was in part driven by a sudden push to replenish inventories in the Far East
- For the remainder of the year, freight futures are reflecting healthy levels compared to recent historical spot rate levels
- The market is not pricing in a full repeat of the Q4 earnings we witnessed in 2022

#### **Quarterly delivery schedule (Number of VLGCs)**

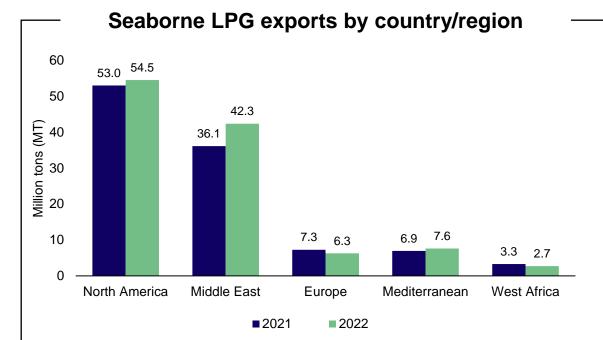


- 46 VLGCs expected to be delivered in 2023
- Newbuild deliveries are slightly skewed towards the second half of the year
- 19 VLGCs will be older than 30 years by the end of the year
- 62 vessels scheduled to be dry-docked in 2023, an increase from 37 last year
- Dry-dockings are slightly weighted towards the first half of the year

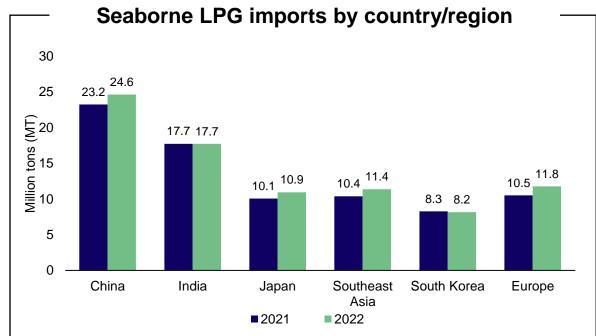


### 2022 Seaborne LPG Trade Overview

Strong recovery in Middle Eastern exports and increasing US exports to Europe



- North America LPG exports in 2022 increased by 3% to 54.5 MT. More than 85% of the growth was driven by exports via VLGCs. Exports to Europe increased significantly by 62% compared to 2021. Exports to the Far East were stable as increasing Far East demand was largely supported by Middle Eastern exports
- Middle East LPG exports in 2022 increased significantly by 17% to 42.3 MT, led by Iran and Saudi Arabia with exports up by 40% and 31% respectively. Exports to the Far East have increased by 20% compared to 2021



- China LPG imports in 2022 up by 6% to 24.6 MT, despite COVID-19 lock down measures throughout the year
- India LPG imports in 2022 were stable compared to 2021. We witnessed a slow start at the start of 2022; however, imports gradually strengthened and reached a historic high record of 5 MT in Q4 2022
- Europe LPG imports in 2022 up by 12% to 11.8 MT, with over 54% of the LPG originating from North America



### Continued Growth From Major Exporting Regions Expected in 2023

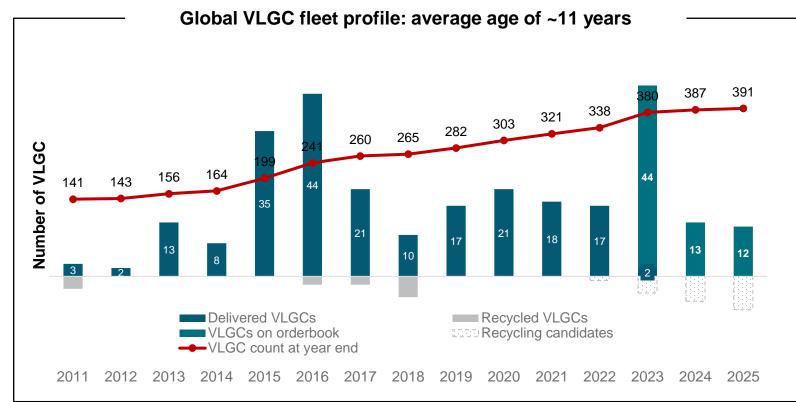


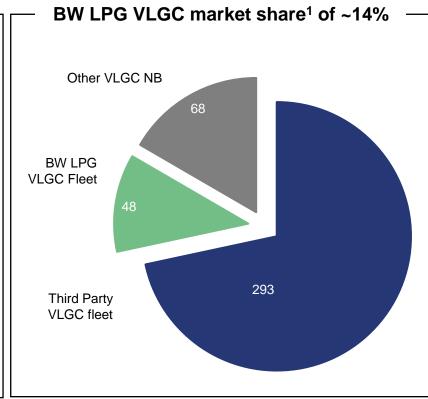




### Global VLGC Fleet Profile

Orderbook at 69 vessels (~20%) through to 2025







### 48 VLGC's Owned and Operated by BW LPG as of 28th February 2023

**BW LPG** 100% ownership

Name	Year	Shipyard _
BW Mindoro	2017	DSME
BW Malacca	2016	DSME
BW Magellan	2016	DSME
BW Frigg	2016	Hyundai H.I.
BW Freyja	2016	Hyundai H.I.
BW Volans	2016	Hyundai H.I.
BW Brage	2016	Hyundai H.I.
BW Tucana	2016	Hyundai H.I.
BW Var	2016	Hyundai H.I.
BW Njord	2016	Hyundai H.I.
BW Balder	2016	Hyundai H.I.
BW Orion	2015	Hyundai H.I
BW Libra	2015	Hyundai H.I
BW Leo	2015	Hyundai H.I
BW Gemini	2015_	Hyundai H.I.
BW Carina 1	2015	Hyundai H.I.
BW Aries <sup>1</sup>	2014	Hyundai H.I.
BW Odin 1,2	2009	Hyundai H.I.
BW Austria 1,2	2009	DSME
BW Thor <sup>2</sup>	2008	Hyundai H.I.
BW Princess	2008	Hyundai H.I.

**BW LPG** Time charter in

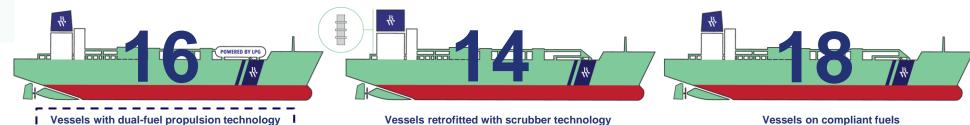
Name	Year	Shipyard
BW Yushi 1	2020	Mitsubishi H.I.
BW Kizoku <sup>1</sup>	2019	Mitsubishi H.I.
Gas Zenith 1	2017	Hyundai H.I.
Oriental King	2017	Hyundai H.I.
Legend Prestige	2017	Mitsubishi H.I.
BW Messina <sup>3</sup>	2017	DSME
BW Kyoto <sup>3</sup>	2010	Mitsubishi H.I.
Berge Nantong	2006	Hyundai H.I.
Berge Ningbo	2006	Hyundai H.I.

**BW LPG India** 52% ownership

Name	Year	Shipyard
BW Pine	2011	Kawasaki S.C.
BW Lord	2008	DSME
BW Tyr	2008	Hyundai H.I.
BW Loyalty 1	2008	DSME
BW Oak	2008	Hyundai H.I.
BW EIm	2007	Hyundai H.I.
BW Birch	2007	Hyundai H.I.
BW Cedar	2007	Hyundai H.I.

**Operated** 

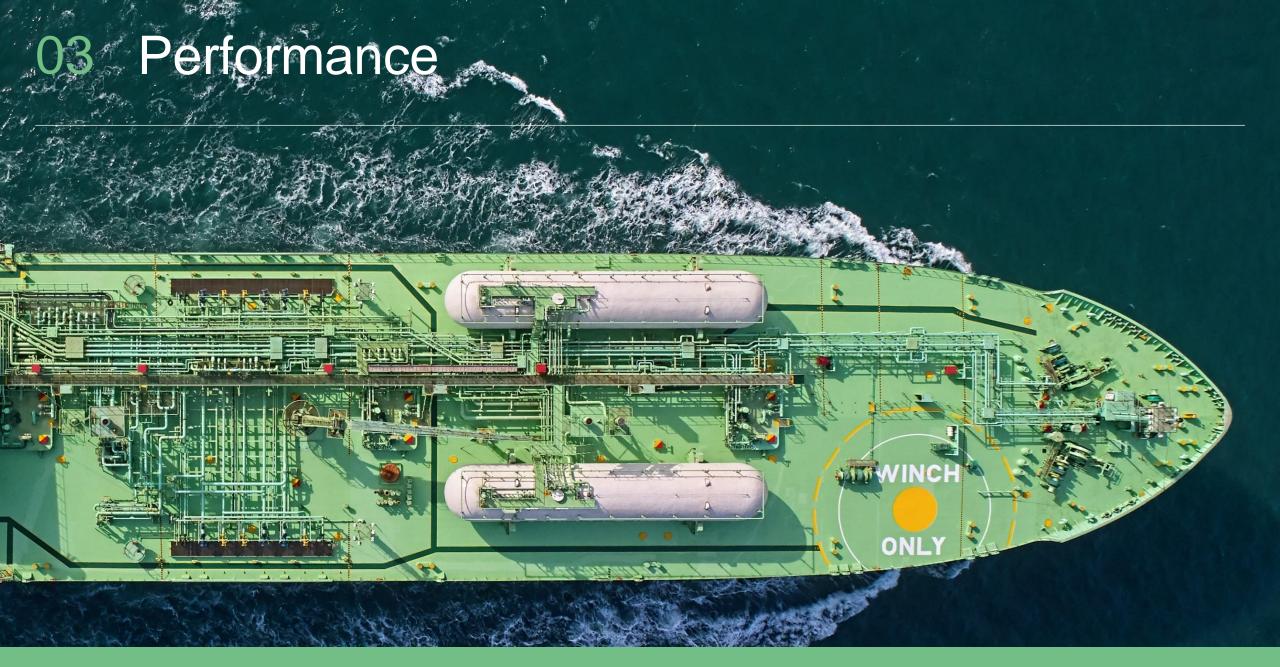
Name	Year	_ Shipyard _	Participant
l Kaede	2023	Hyundai H.I.	Product Services
Gas Gabriela 1	2021	Hyundai H.I.	Product Services
Reference Point 1	2020	Jiangnan	Product Services
Clipper Wilma	2019	Hyundai H.I.	Product Services
Vivit Atlais 1,4	2019	Hyundai H.I.	Vitol
Vivit Thuban 1,4	2019	Hyundai H.I.	Vitol
Vivit Fornax 1	2019	Hyundai H.I.	Vitol
Vivit Dubhe 1,4	2019	Hyundai H.I.	Vitol
Ayame	2010	Mitsubishi H.I.	Product Services
BW Tokyo	2009	Mitsubishi H.I.	Exmar





<sup>3.</sup> Exercised purchase options for BW Messina and BW Kyoto with expected deliveries in Q2 2023 and Q4 2023 respectively

<sup>4.</sup> Vivit Atlais, Vivit Thuban, and Vivit Dubhe are expected to join the fleet in Q1 2023





### **Shipping Highlights**

**Ensuring long-term business profitability with accretive corporate actions** 

**Selling high** 

Entered into agreements to sell BW Austria, BW Odin, and BW Thor 35% above Newbuild Equivalent

**Buying low** 

 Took advantage of the historically attractive USD/JPY exchange rate on the BW Kyoto purchase option

 Attractive purchase option on BW Messina given the increases in VLGC values 10% below Newbuild Equivalent

Increasing coverage at high levels

- Concluded 3 TC-Out at >\$50,000/day for 2023
- One LPG-powered vessel chartered on a longterm basis at a premium compared to LPGpowered VLGC newbuilds

\$27M profit on the TC-in book for 2023

Expanded BW LPG Pool

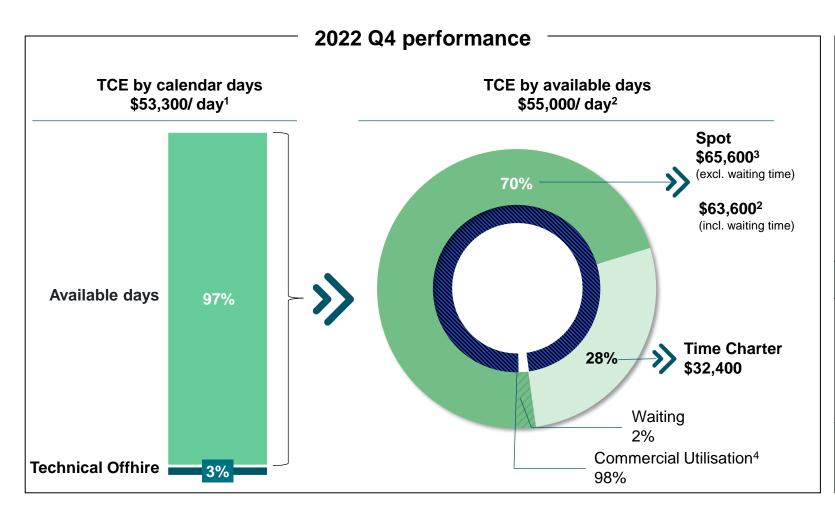
 BW LPG Pool increasing by nine vessels from Vitol and Product Services 10 3<sup>rd</sup> party vessels





### Shipping – Performance

Achieved 98% commercial utilisation generating TCE revenue of USD 55,000 per available day



#### Guidance

#### Q1 2023

■ Fixed ~84% of our available fleet days at an average rate of ~USD 56,000 per day<sup>5</sup>

#### **Charter portfolio**

- 2023 is 30% covered at \$38,000 per day
- TC in book covered at USD 27 million profit

	2023		
	% of total Fleet	Revenue/ (Cost) in \$m	Average day rate
TC out	20%	\$97	\$38,000
TC in	20%	(\$71)	\$27,600
Net		\$27	
Remaining TC out	10%	\$46	\$38,000



<sup>1.</sup>TCE rates per day are inclusive of both commercial waiting and technical offhire days (i.e. 100% of calendar days)

<sup>2.</sup>TCE rates per day are inclusive of commercial waiting days and exclusive of technical offhire days (i.e. 100% of available days)

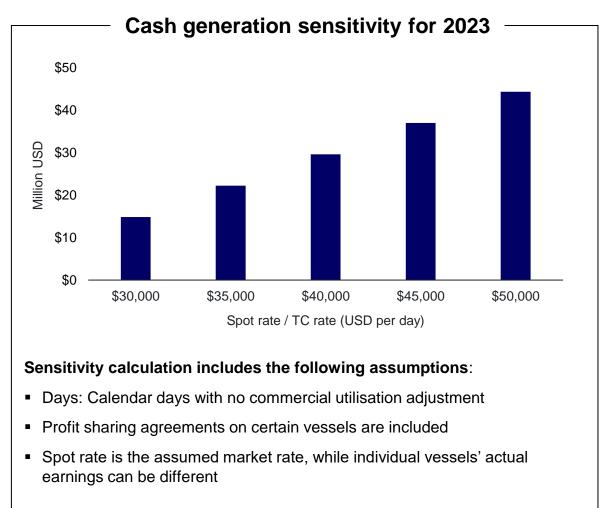
<sup>3.</sup>TCE rates per day are exclusive of both commercial waiting and technical offhire days

<sup>4.</sup>Commercial Utilisation is calculated with available days. Using calendar days (i.e. including technical offhire days), utilisation was 95%

<sup>5.</sup> Discharge to discharge basis 6.All calculations and ratios exclude BW Tokyo, as the vessel is on a back to back contract

### Shipping – Time Charter In Portfolio





<sup>1.</sup> Excluding Time Charter-in vessels in BW Product Services

<sup>2.</sup> Purchase Option on BW Messina has been exercised and the vessel will be delivered in Q2 2023

<sup>3.</sup> Purchase Option on BW Kyoto has been exercised and the vessel will be delivered in Q4 2023

### Shipping – BW India Highlights

# >36% of the Indian TC market

8 modern Indian-flagged VLGCs

# 7 VLGCs are on time charter

Strong and stable earnings

#### 1 VLGC is trading Spot

Capture the upsides in spot market

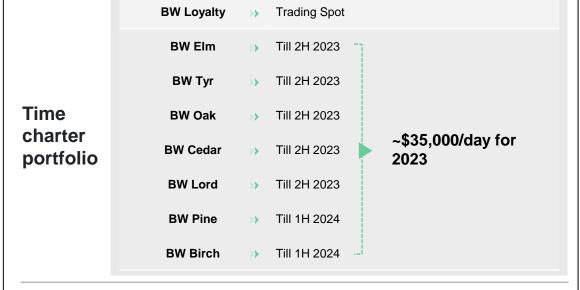
19%

ROE (Annualised)<sup>1</sup>

**72%** 

EBITDA margin<sup>1</sup>

#### **Business updates**



# Growth strategy

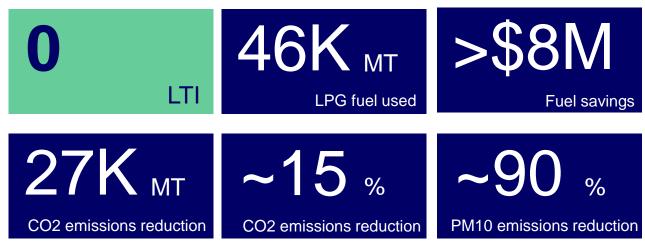
- We are screening and evaluating infrastructure and downstream growth opportunities in India
- Our equity partners are committed to provide continuous support and to coinvest in future growth





### Shipping – LPG Propulsion Scorecard 2022

**Experience and collaboration ensures operational reliability** 



- Zero cases of Loss Time Injury (LTI) in 2022
- Environmental, operational and economic benefits being realised; LPG propulsion technology is maturing and becoming a standard for all new VLGCs
- Accumulating deep experience and familiarity with LPG propulsion technology, with innovative solutions to manage uptime on gas fuel
- LPG propulsion technology is a positive step forward on our decarbonisation journey





### Product Services – Expanding the Business

#### Expanded trading and shipping coverage

### **Trading**

- Yearly run rate of approximately 5 million tons of physical LPG cargoes traded
- Expanded global trading coverage

### Shipping

- Five modern VLGCs added to the fleet
- Product Services will have floating COA from the Pool at market rates



Chartering done on market terms with improved access to cargoes and market insights for BW LPG



Improved optionality and ability to adjust market exposure as well as enhance voyage optimisation



Create potential opportunities for future growth along the LPG value chain

#### Transaction price and trading capital

~\$50 million for 85% of the company

The remaining 15% is held by key employees

#### Main assets include:

- Physical LPG purchase, and sale commitments
- Five TC in ships
- Related derivatives
- Cash and existing working capital

~\$50 million trading capital allocated

### Expect significant quarterly fluctuations:

 Mainly due to fluctuations in derivatives which are used to hedge physical cargo and shipping positions

#### Impact on financial reporting

#### Balance Sheet

- Vilma's portfolio will be consolidated at fair value based on the "Mark-to-Market" principle
- Increased trade facilities from \$310 million to approximately \$520 million

# Income statement

- Product Services is responsible for its separate Income Statement
- Inter-segment Income Statement provides transparency
- Value at Risk of Product Services will provide an estimated range of Profit and Loss swings



### Financial Highlights

Low leverage, strong liquidity, ready for growth opportunities

#### **Key Financials FY 2022 (USD million)**

\$568
\$408
\$239
\$1.68
\$1.28
\$2,541
\$981
\$1,560
\$501
\$153
\$654

#### **Financial Ratios FY 2022**

22%
16%
16%
12%
24%
\$10.92

- 1. Gross profit: sum of TCE income Shipping and Gross profit Product Services
- EPS (earnings per share) is computed based on the weighted average number of shares outstanding less treasury shares during the period
- Free cashflow is computed based on Operating cashflow less of Capital expenditure which comprise additions to property, plant and equipment including proceeds from vessel sales
- 4. Earnings yield: EPS divided by the share price at the end of the period in USD terms
- 5. ROE (return on equity) and ROCE (return on capital employed): Computed based on the average equity and capital employed at the end and beginning of the period
- 6. Net leverage ratio: Total debt less cash over total debt less cash plus equity
- 7. NAV/share: Total shareholders' equity less Non-controlling interests / number of shares outstanding less treasury shares at the end of the period



BW Magellan sailing in the Indian Ocean. Picture contributed by Second Officer Shubham Kumar



### Financial – Segment Information

#### FY 2022 (USD million)

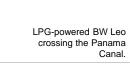
	Shipping	Product Services <sup>1</sup>	Consolidated
Gross Revenue	\$834	\$730	\$1,564
Expenses	(\$350)	(\$646)	(\$996)
Inter-segment	\$84	(\$84)	0
Gross profit/(loss)	\$568	(\$0)	\$568

#### **Shipping Per Day Statistics (USD/Day)**

FY 2022 Daily TCE <sup>2</sup>	\$40,600
FY 2022 Daily OPEX	\$8,400
FY 2023 Operating cash breakeven <sup>3</sup>	
Owned fleet	\$19,700
Total fleet	\$20,900

#### **Product Services Statistics**<sup>1</sup>

FY 2022 LPG cargoes lifted	~22
Value at risk (VAR) (million)	\$5 to \$8
Capital committed (million)	~\$100





<sup>1.</sup> Product Services financials include the newly acquired Vilma's LPG trading operations from 30 November 2022

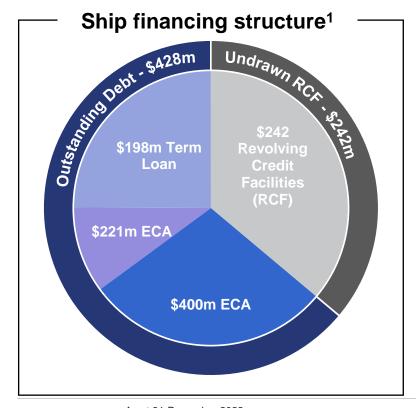
<sup>2.</sup> TCE rates per day are presented based on calendar days for the Shipping Segment

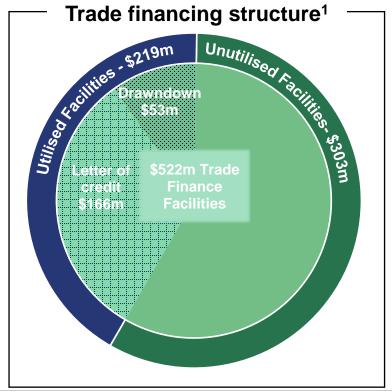
<sup>3.</sup> Cash breakeven = Total cash costs (excluding capex) / Available days owned fleet or total fleet

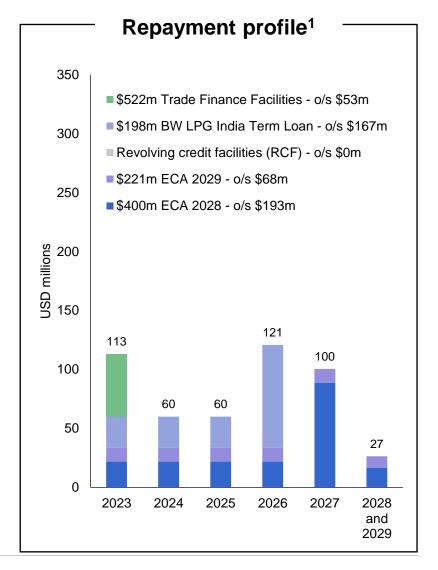
### Financial – Financing Structure and Repayment Profile

Ample liquidity at USD 463 million with a light debt position

Total Available Liquidity	
	USD (millions)
Undrawn amount under revolving credit facility	242
Cash <sup>2</sup>	221
Total available liquidity	463











### Q&A









**CEO** Anders Onarheim

**Deputy CEO & Head of Strategy Kristian Sørensen** 

**CFO** Elaine Ong

**EVP (Commercial)** Niels Rigault





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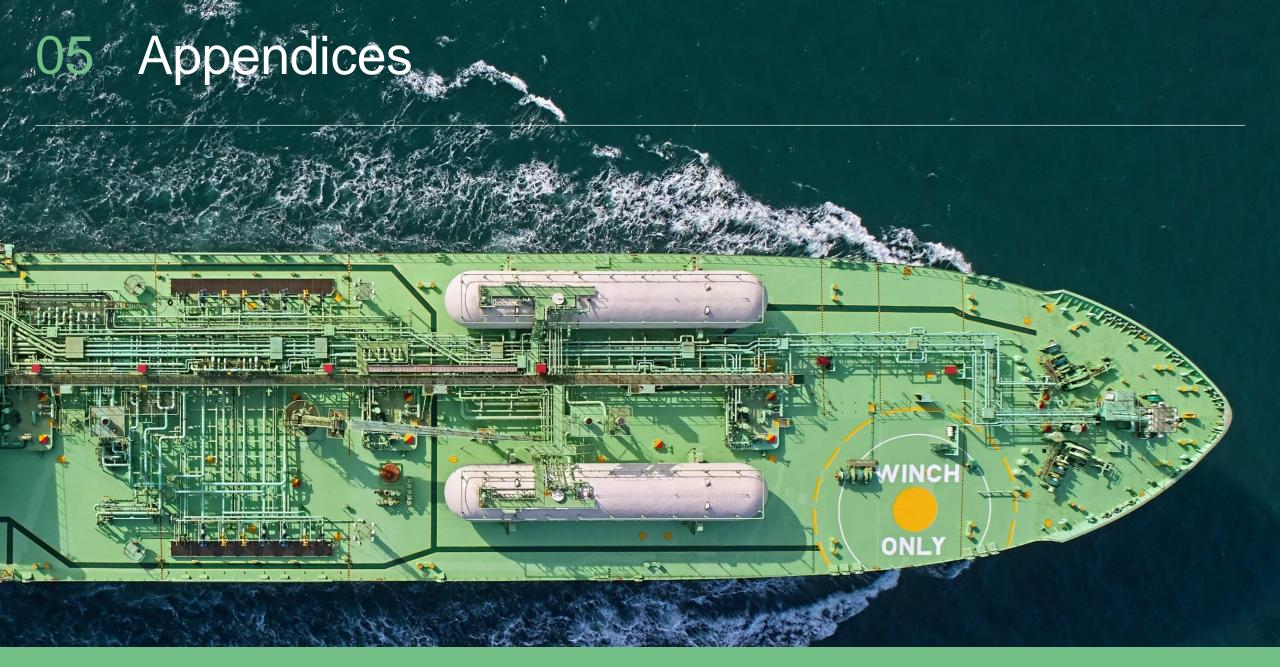
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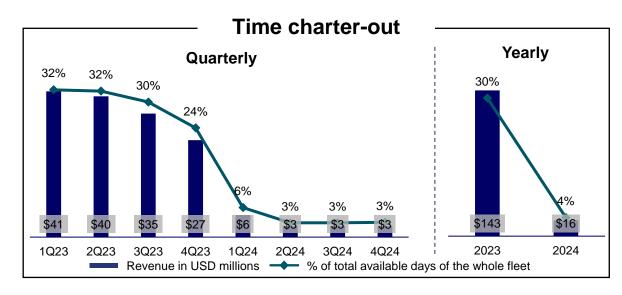


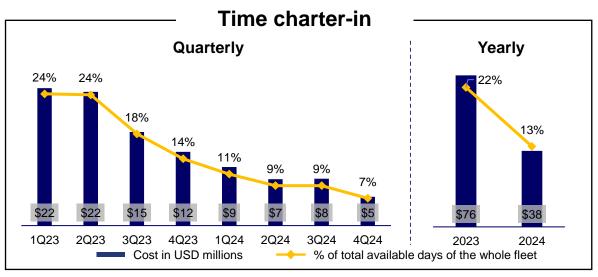


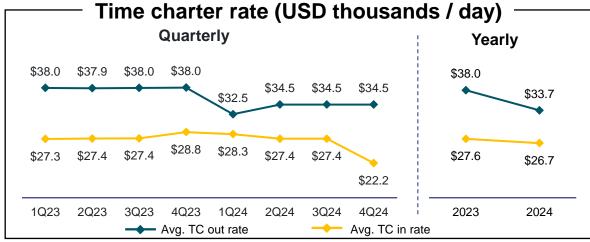


### **VLGC Charter Portfolio Overview**

Time charter-out coverage for 2023 at 30% at an average rate of USD 38,000 per day







Net time charter position				
2023 Time charter				
% of total Revenue/ Average				
fleet	(Cost) in \$m	day rate		
20%	\$97	\$38,000		
20%	(\$71)	\$27,600		
	\$27			
10%	\$46	\$38,000		
	% of total fleet 20% 20%	2023 Time charter  % of total Revenue/ fleet (Cost) in \$m  20% \$97  20% (\$71)  \$27		

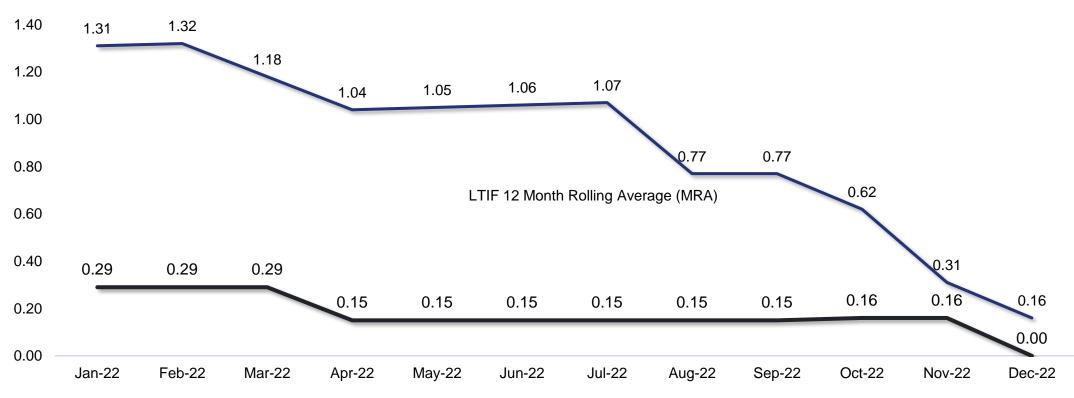




### Fleet Safety Statistics

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



### Shipping Segment Charter Portfolio 2023-2024

Overall contract coverage stands at 30% for 2023 (as of 31 December 2022)

	Q1 2023E	Q2 2023E	Q3 2023E	Q4 2023E	2023E	2024E
Owned days	2,610	2,517	2,576	2,622	10,325	10,614
Time charter in days	810	786	550	413	2,559	1,091
Total calendar days	3,420	3,303	3,126	3,035	12,884	11,705
Offhire <sup>1</sup>	74	36	31	35	176	116
Total available days (Net of offhire)	3,346	3,267	3,095	3,000	12,708	11,589
Spot days (Net of offhire)	2,266	2,222	2,179	2,282	8,949	11,125
Time charter out days (Net of offhire)	1,080	1,045	916	718	3,759	464
% Spot days	68%	68%	70%	76%	70%	96%
% TC days	32%	32%	30%	24%	30%	4%

#### TCE rates

Spot	-	-	-	-	-	_
Time charter out	\$38,000	\$37,900	\$38,000	\$38,000	\$38,000	\$33,700
VLGC TCE rate (Net of offhire)	_	_	_	_	_	_



### BW LPG India Charter Portfolio 2023-2024

Contract coverage stands at 82% for 2023 (as of 31 December 2022)

	Q1 2023E	Q2 2023E	Q3 2023E	Q4 2023E	2023E	2024E
Owned days	720	728	736	736	2,920	2,928
Time charter in days	_	_	_	_	_	_
Total calendar days	720	728	736	736	2,920	2,928
Offhire <sup>1</sup>	40	4	4	19	67	24
Total available days (Net of offhire)	680	724	732	717	2,853	2,904
Spot days (Net of offhire)	70	91	92	250	503	2,803
Time charter out days (Net of offhire)	610	633	640	467	2,350	101
% Spot days	10%	13%	13%	35%	18%	97%
% TC days	90%	87%	87%	65%	82%	3%

#### TCE rates

Spot	-	-	-	-	-	-
Time charter out	\$34,900	\$35,100	\$35,100	\$34,800	\$35,000	\$30,600
VLGC TCE rate (Net of offhire)	_	_	_	_	_	_



### **BW LPG Fleet Development**

**Timeline based on current contracts** 

