



# *Danish Ship Finance A/S*

Credit Investor Presentation – August 2024

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# Danish Ship Finance at a glance

Conservative ship lending since **1961**

**15 bps average annual net write-offs since 2000**

**Full recourse corporate lending**

Loan book of  
**DKK 33.5 billion**  
**672 vessels**

**Best-in-class credit history**

**Very robust funding & capitalisation**

**Highly operationally efficient and lean decision-making structure**

**Most shipping segments are currently doing well**

# Financing shipping globally

## We have a strong value proposition

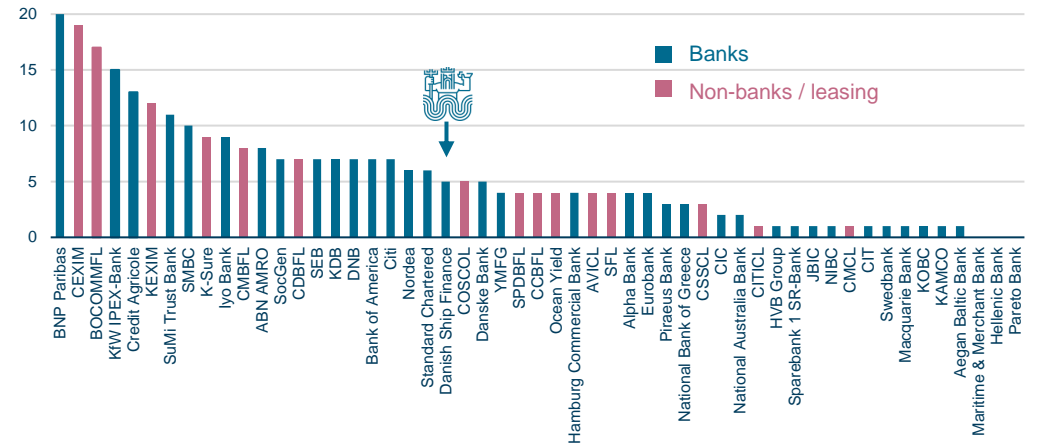
- Support reputable shipowners across shipping cycles
- Specialty lender with global reach and recognition
- Deep sector knowledge and a highly experienced organisation
- Ranked a top 4 shipping bank globally by Prospera the last 4 years

## Our business model is highly focused

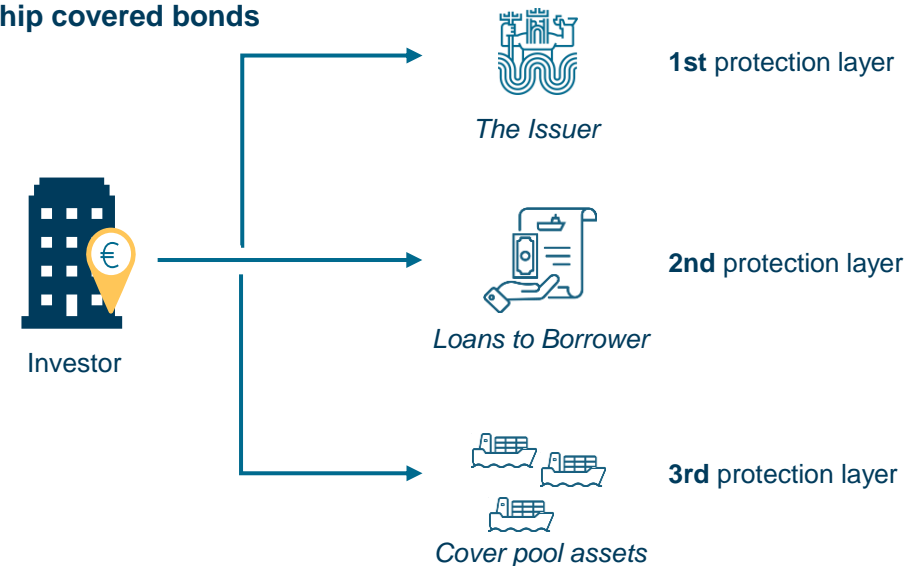
- One product: senior secured corporate lending to ship owners, collateralised by 1st lien ship mortgages
- Strong risk management
- Highly robust balance sheet\*
- Funded via DKK and EUR covered bonds

\*Solvency ratio (CET1, Standardised approach): 21.2% (per 30/6/2024). Liquidity Coverage Ratio: 498% (per 31/12/2023).

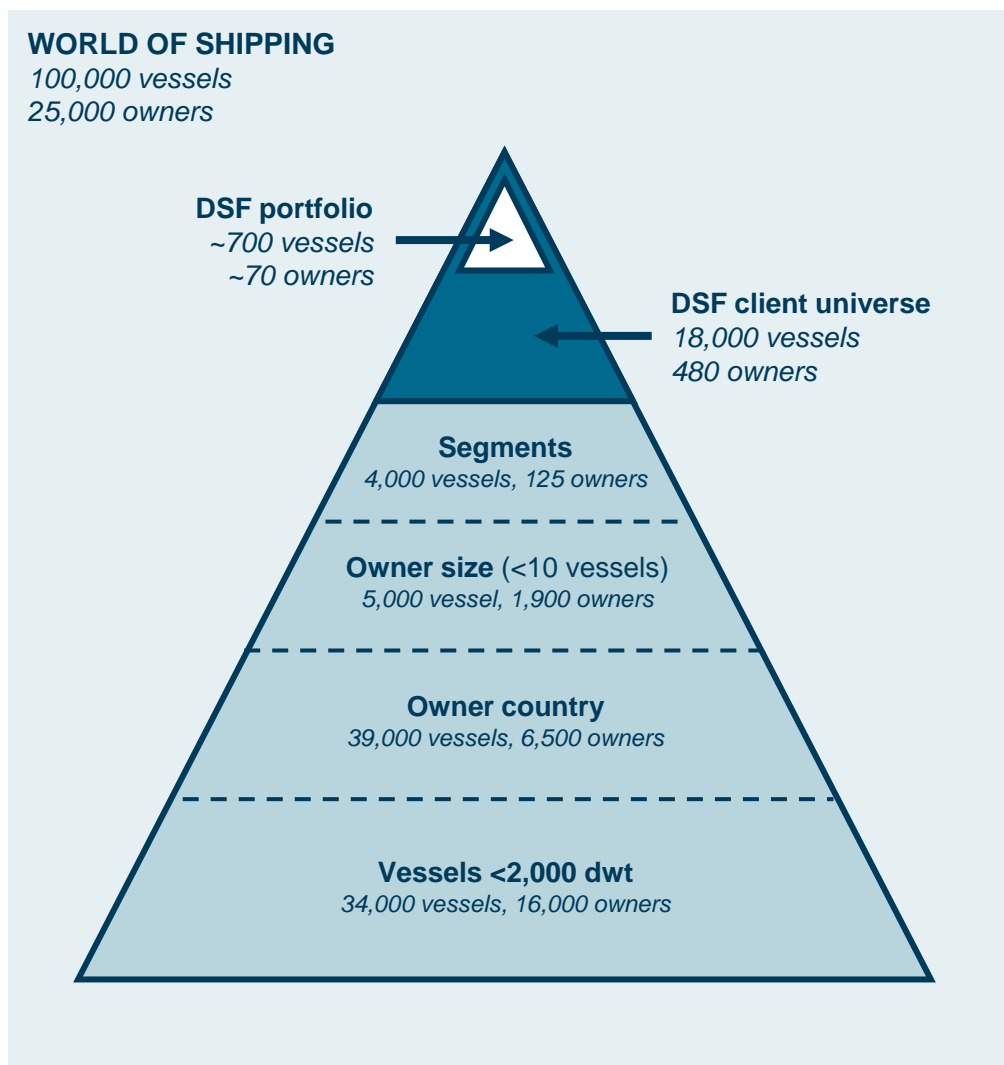
## Competitive Landscape (lending in 2022, USD bn)



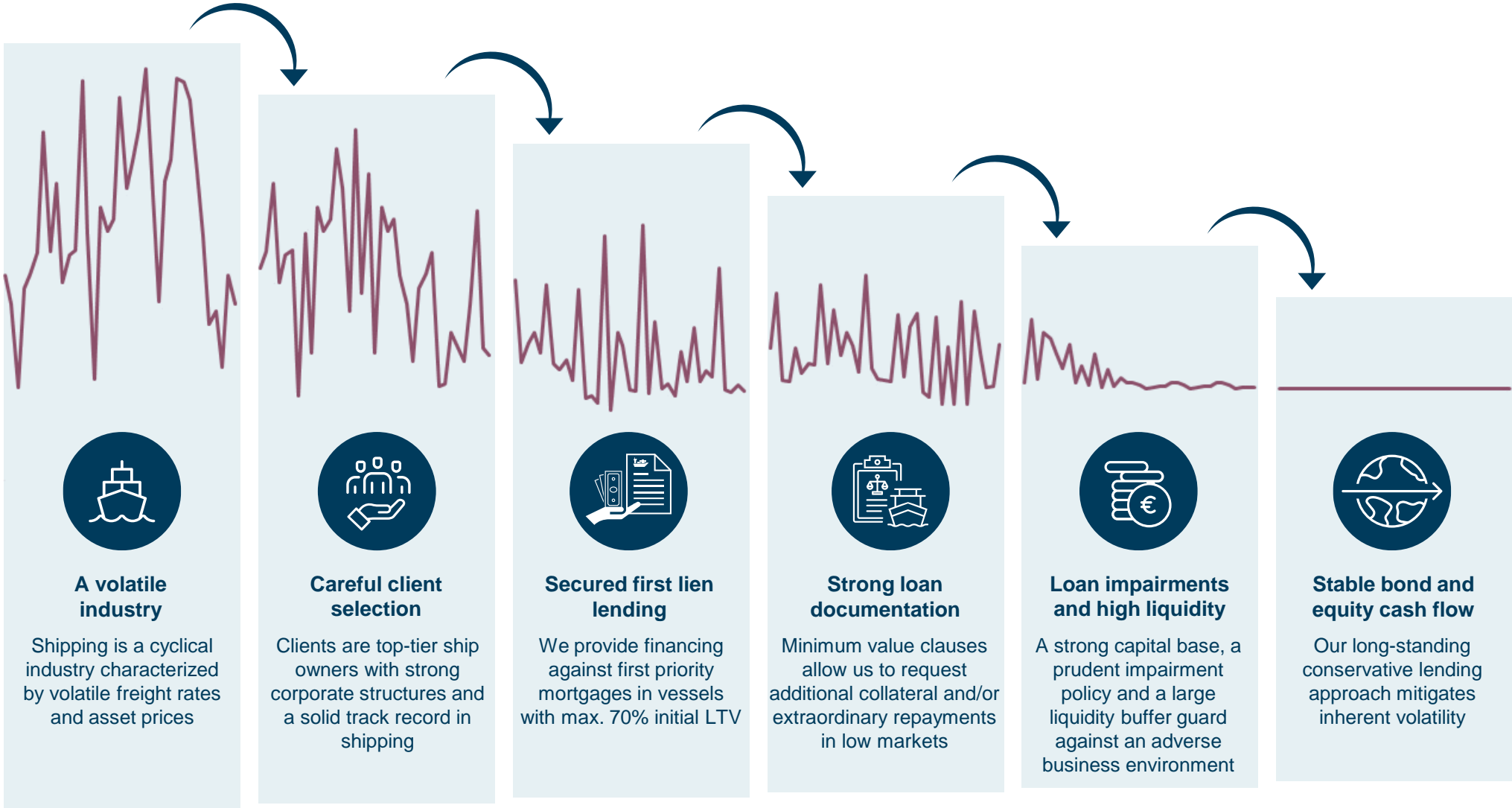
## Ship covered bonds



# A careful client selection process is key to our business model



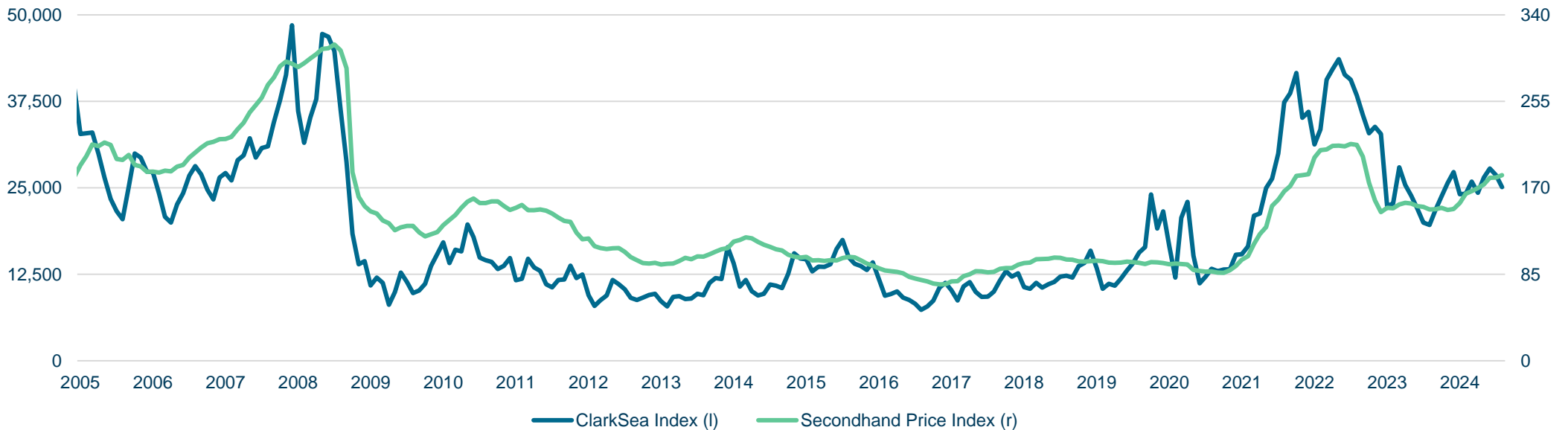
# Our business model turns a volatile industry into a stable cash flow



# Freight rates and secondhand vessel prices remain at elevated levels

- Earnings in 2024 were still among the highest 30% observed since 2000, despite a softening from recent highs
- Average secondhand prices track around index 180, which is among the top 20% highest observations
- The Tanker (Crude, Product and Chemical) segments drive the current cycle
- Tankers are expected to see continued solid earnings and secondhand vessel values. Gas and Container vessels are challenged by frontloaded deliveries of vessels

Freight rates (USD/day) and secondhand prices (Index)

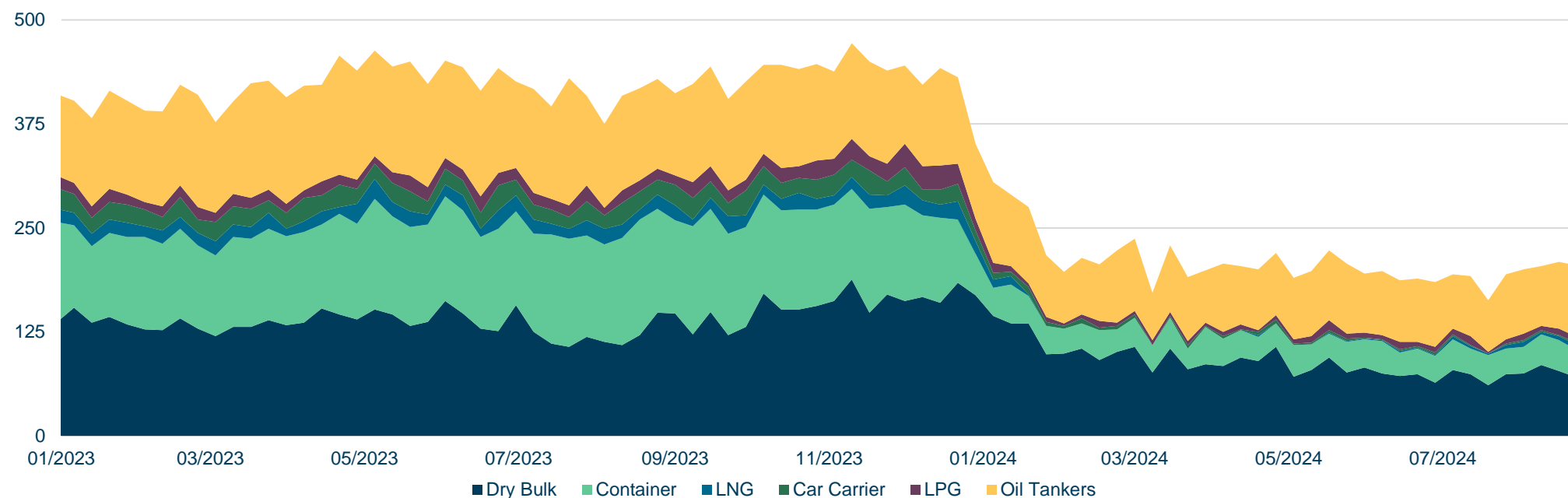


Source: Clarksons, Danish Ship Finance

# Some segments have been impacted more by the tensions in the Red Sea

- Around **10-12% of global trade** passes through the Red Sea every year to transit via the Suez Canal - over 25,000 transits were reported in 2023
- The number of transits have more than halved compared to a year ago – however, **we still see many vessels passing through the Suez Canal**
- **Freight rates in some segments have increased**, as vessels diverted around the Cape of Good Hope reduces the active supply of vessels and creates a short-term infrastructural bottleneck
- The Container segment may experience a **short-term relief**, as the segment is expected to struggle with surplus-vessel capacity in the coming years

Weekly Suez Canal transits by segment (no of vessels)



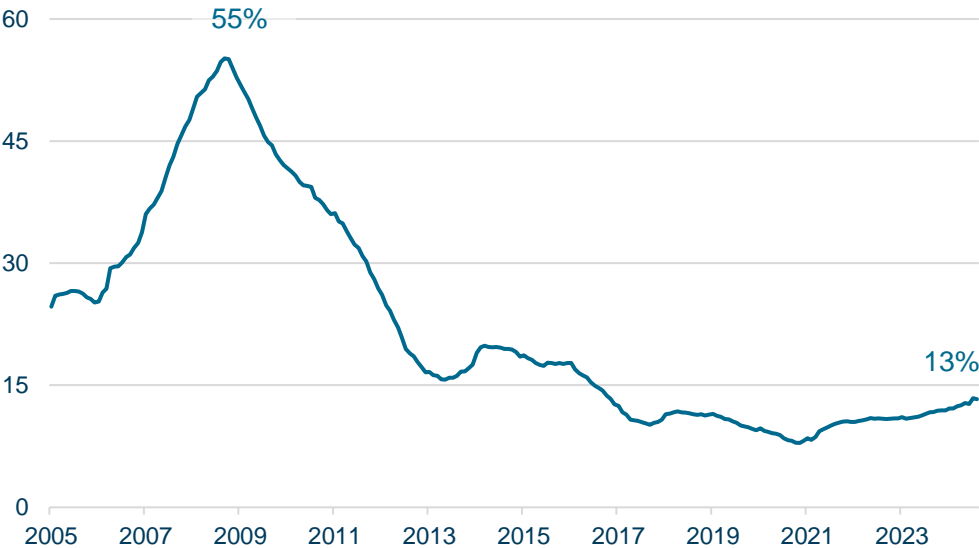
Source: Clarksons, Signal Ocean, Danish Ship Finance



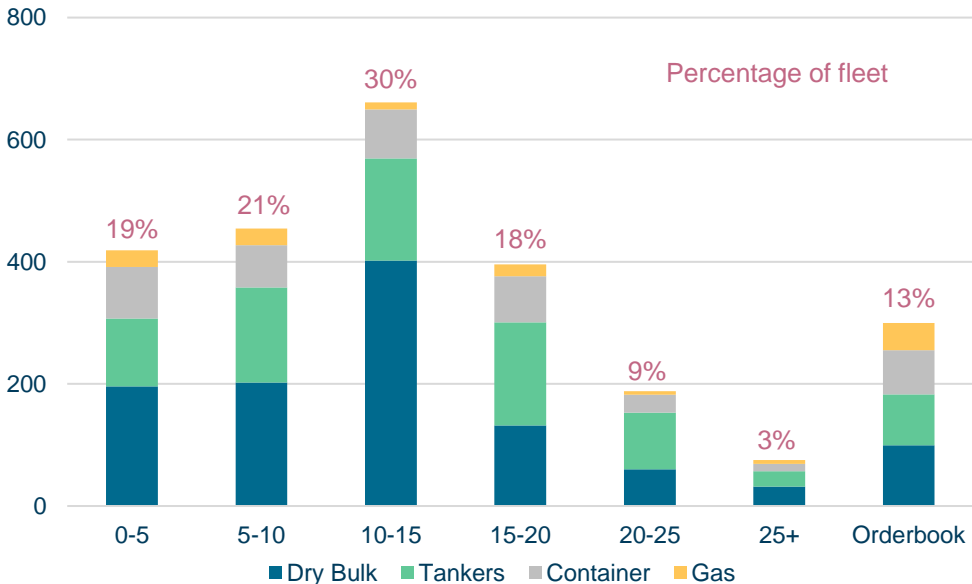
# Global seaborne trade is expected to grow, while the supply side is looking manageable

- Global seaborne trade increased by a little over 4% during 2023 and is forecast to grow by approx. 6% in 2024 (distance-adjusted)
- Supply/demand remains well balanced. The orderbook is only 13% of the fleet, significantly below its peak
- Most major shipyards are fully booked with Container and Gas carrier deliveries until 2026/27
- We expect the pace of fleet renewal to significantly accelerate when the shipping industry finally settles on a fuel standards for green vessels

Global orderbook (% of fleet)



Existing fleet and global orderbook (million dwt)



Source: Clarksons Research, Danish Ship Finance

# Decarbonisation – defining the challenge in shipping

## Shipping will continue to play a major economic role

- The most energy efficient mode of transportation
- Carries 80-90% of global trade and is responsible for 2.5% of global CO<sub>2</sub> emissions
- Is expected to grow in line with global trade at 3% p.a.
- Hence, CO<sub>2</sub> reduction in shipping is imperative

## Shipping is a "hard to abate" industry

- Capital-intensive, with asset life-span of 20+ years
- Carbon-free alternatives are not yet available in any scale
- Fuel alternatives are not economically viable today

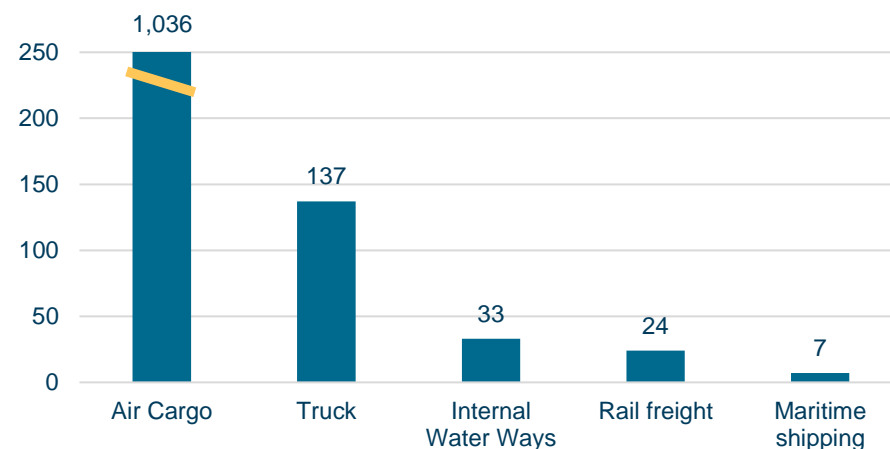
## Shipping has already achieved substantial CO<sub>2</sub> reductions

- Shipping's emissions per tonne-mile (CO<sub>2</sub> intensity) has fallen by 42% since 2008
- Absolute emissions have fallen by ~17% over the period
- Full de-carbonisation will require technological change

## The road to de-carbonisation in shipping

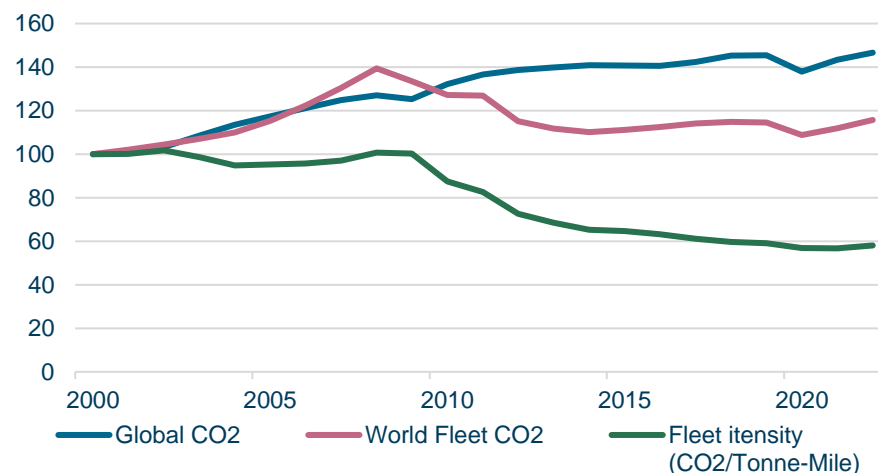
- Commercial optimisation and decarbonisation
- Tighter emissions regulations (low-emissions corridors, ETS, FuelEU Maritime) and reporting requirements (CII, EEXI, Poseidon Principles)
- The final transition to zero-carbon fuels and -vessels will require substantial investment in land-based infrastructure

Avg GHG emissions by mode of transport (gCO<sub>2</sub>e/Tonne km)



Source: European Environment Agency

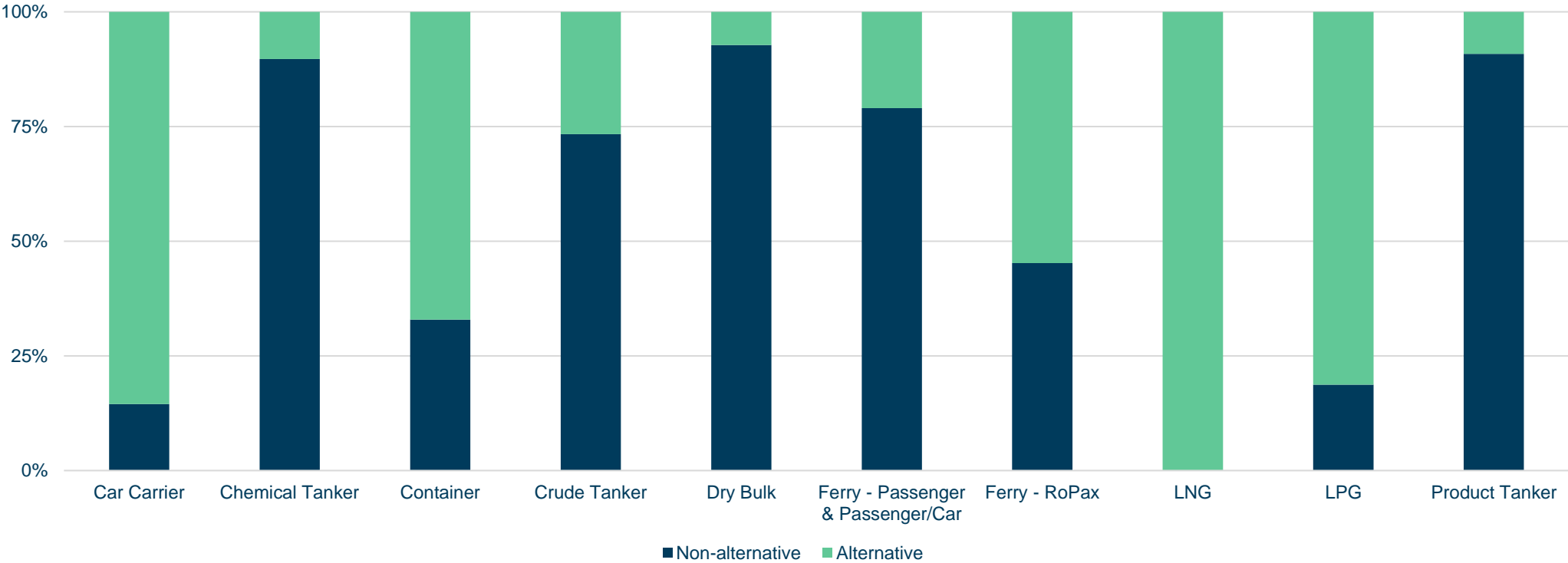
Shipping vs. Global CO<sub>2</sub> emissions (2000=100)



# Over 50% of the orderbook is alternative fuel 'ready' or 'capable'

- The alternative fuel orderbook is primarily driven by Liner segments and Gas Carriers
- Most dual fuel new-builds are LNG-capable, a transition fuel. Relatively few ships are fully zero-carbon fuel compliant from the outset

Share of orderbook by segment and fuel type (cgt)



Source: Clarksons, Signal Ocean, Danish Ship Finance

# Our ownership- and capital structure provides a solid platform

## Background

- Established by law in 1961
- Until 2005 DSF was a self-owned foundation financing Danish built ships
- DSF was converted into a limited liability company in 2005, at which point retained earnings was encapsulated as a *tied-up reserve capital* of DKK 8.3bn

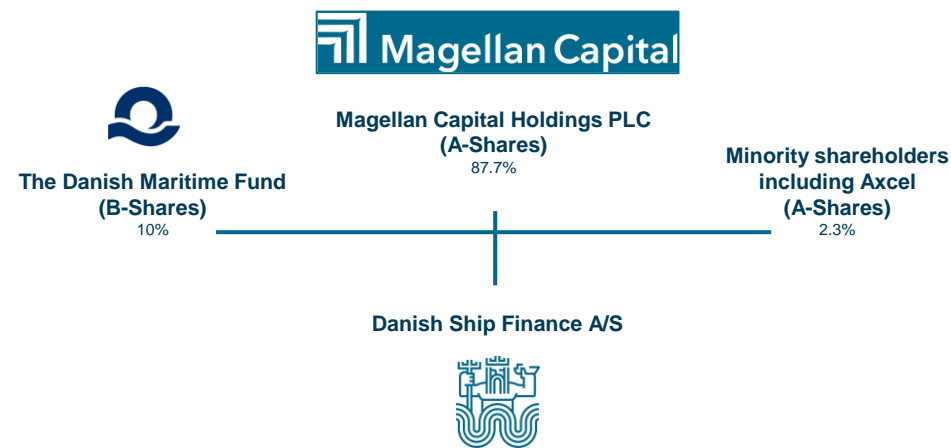
## Current structure

- B-shareholder receives preferred 15% dividend, capped at 1% of the tied-up reserve (DKK 83m)...
- ...A-shares thus leverages earnings above this level

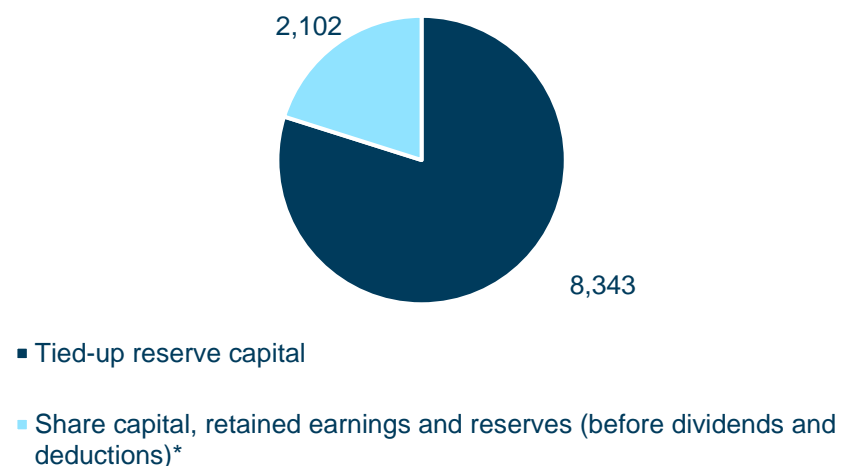
## Providing leverage and creditor protection

- The tied-up reserve capital cannot be distributed
- Should the reserve sustain losses, it must be fully replenished before distributions can be made to other shareholders
- As a consequence, DSF will remain highly capitalised

## Ownership structure



## Equity capital, m DKK



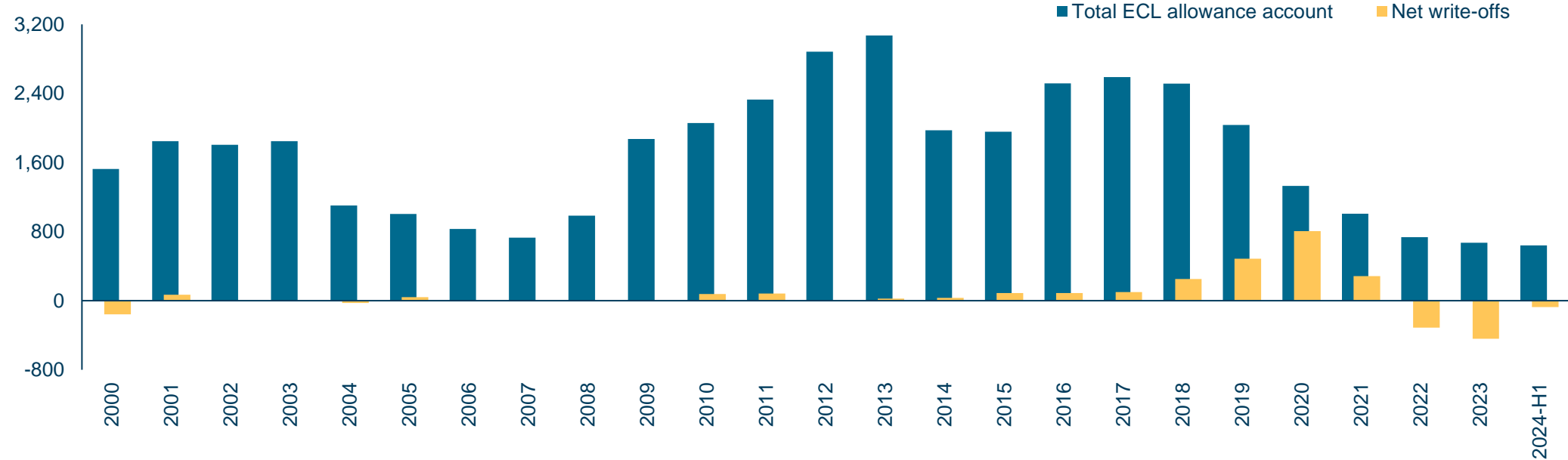
Source: Danish Ship Finance, Interim Report, First Half 2024.

\*An extraordinary dividend of DKK 1,164 million was declared by the board of directors and paid to the shareholders on 11 July 2024.

# A highly prudent credit and impairment policy cushions against market fluctuations

- For full-year 2023, loan impairment charges amounted to an income of DKK 506 million of which recovery on loans previously written-off comprised DKK 442 million
- The average annual net write-offs amounted to 15 bps since year 2000, and only 3 bps on conventional shipping (since 2008)
- The total ECL allowance account amounted to DKK 639 million at the interim report of 2024, equivalent to 2.0% of the loan book

**Total ECL allowance account and net write-offs**  
DKK million

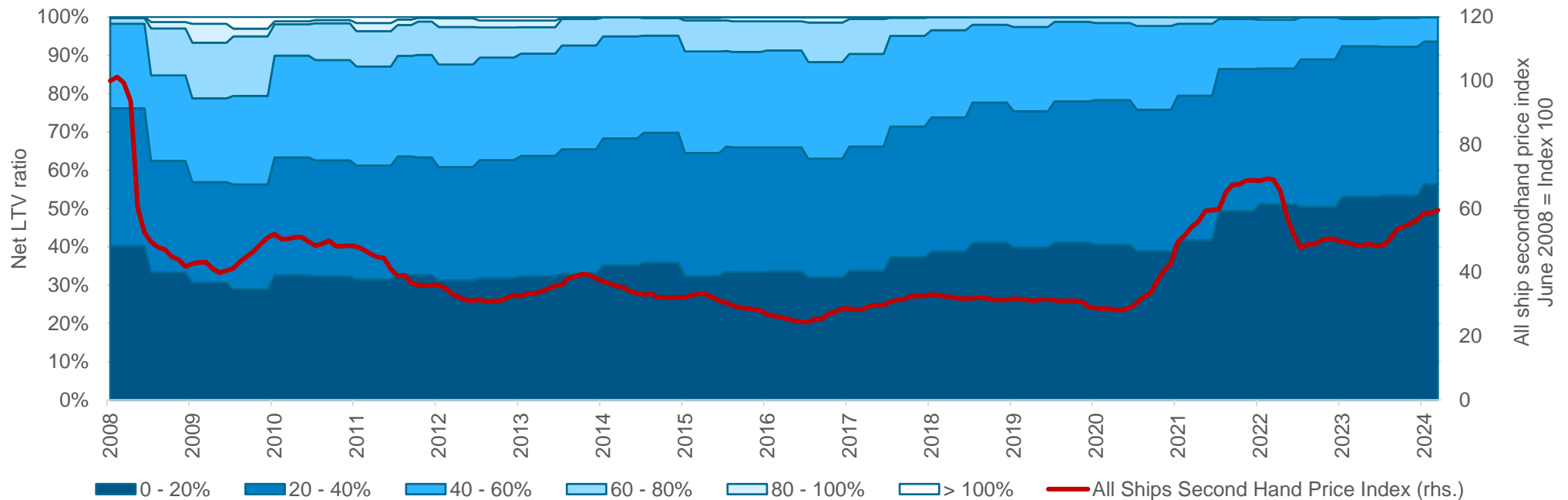


Source: Danish Ship Finance.

# Instalments and minimum value clauses stabilise asset cover

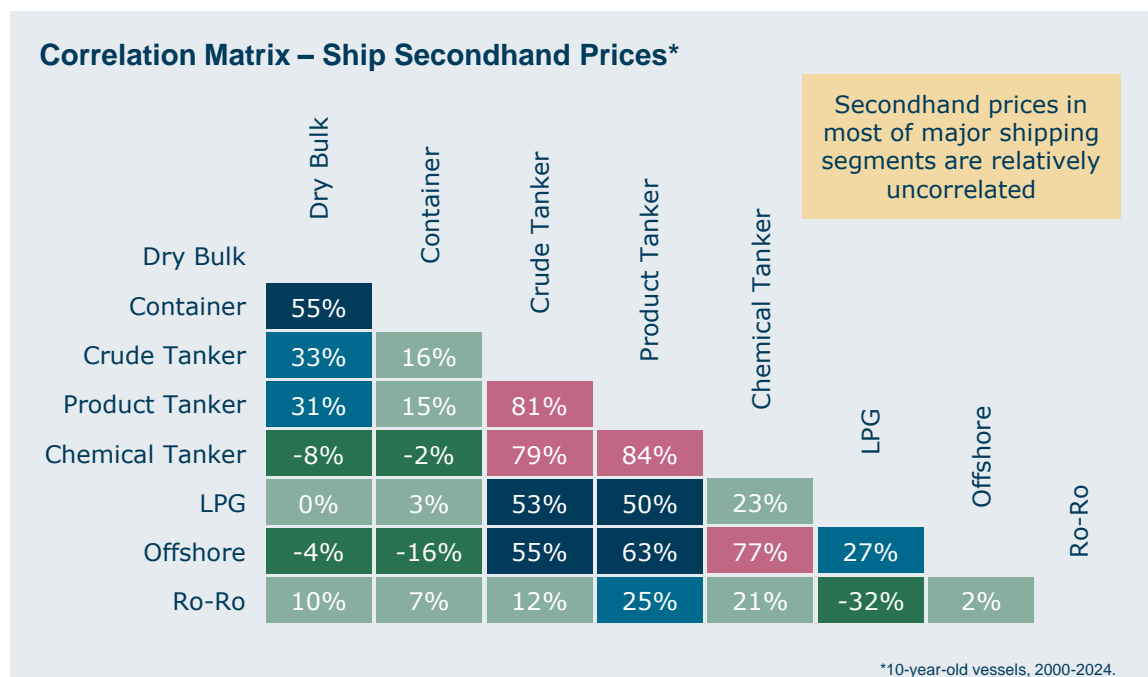
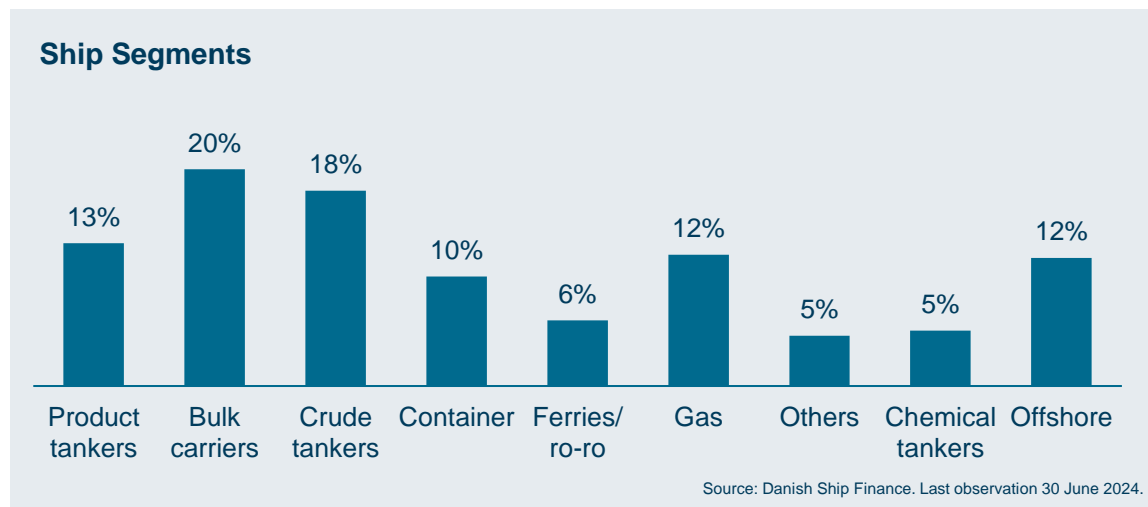
- The chart displays the benefit of having minimum value clauses (“MVC”) loan documentation, giving DSF the option to demand additional collateral or prepayment when vessel values fall
- Stable asset cover (Loan to Value coverage) across the loan book even post 2008 when vessel values fell significantly, displayed by the red curve on the below chart (right axis)

## Development in LTV intervals of the loan book net of loan impairment charges



Source: Clarksons, Danish Ship Finance. Last observation 27 August 2024.

# The loan book is diversified across countries and ship segments



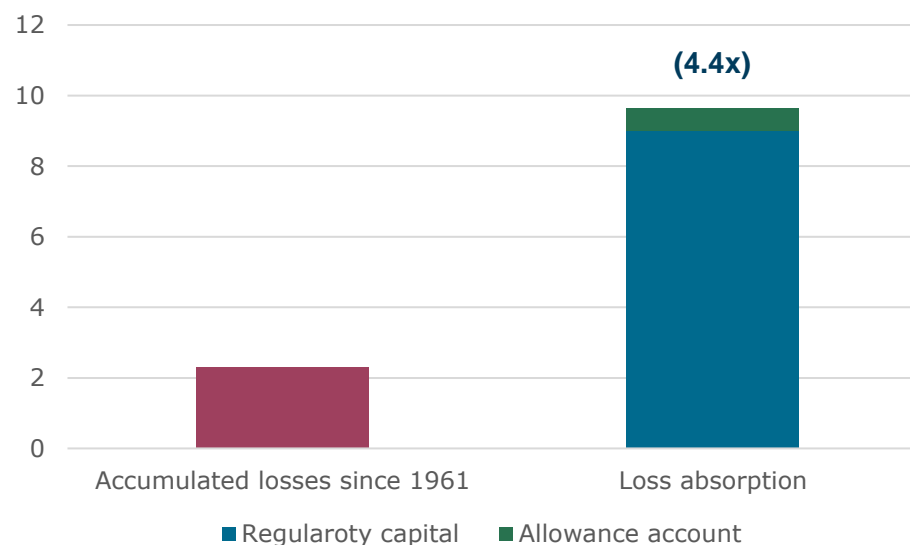
# Low LTVs, prudent provisioning and ample liquidity provide a strong buffer

- Ability to withstand extreme default scenarios:
  - The total ECL allowance account is sufficient to cover a default rate of 80%, if vessel values above 50% (i.e. after 50% haircut) is lost
  - In this scenario, write-offs will not erode the capital base and will be covered by the existing accumulated loan impairment charges
- Accumulated historical loan losses since 1961 of approximately DKK 2.2bn
- Total loss absorbing capacity (equity + allowance account) equals 4.4x total historical losses over 60 years

Net LTV intervals

%	2024-H1	2023
0-20	56	53
20-40	37	39
40-60	6	8
60-80	0	0
80-90	0	0
>100	0	0

Loss absorbing capacity (DKKbn)





# Our issuer and rating profile

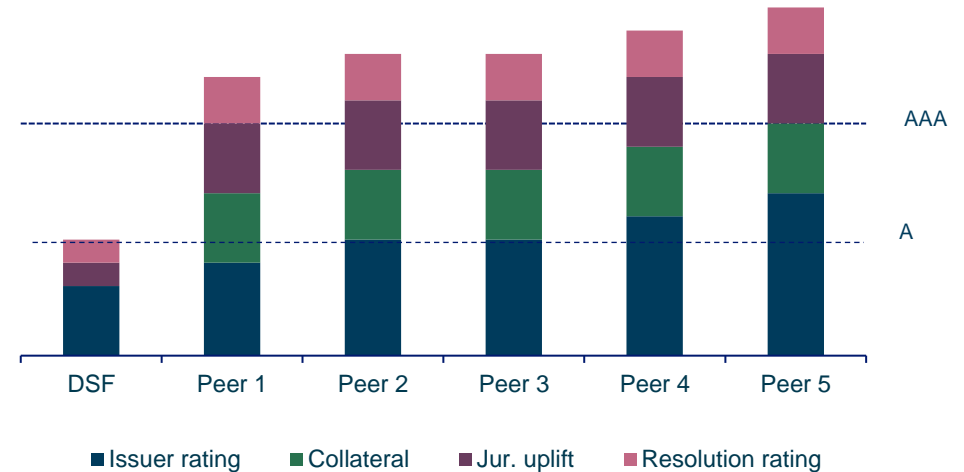
Issuer credit rating  
**BBB+ (stable outlook)**

Bond rating  
**A (stable outlook)**

**S&P Global**  
Ratings

- The bond rating includes one notch uplift for exemption from BRRD and one notch for jurisdictional support, but no uplift for collateral
- Danish mortgage institutions (SIFI) get 2+3 notches uplift for resolution regime and jurisdictional support in addition to multiple notches for collateral
- Our bonds are LCR (2A) and UCITS compliant
- EUR bonds are ECB repo eligible as well as CRR Art. 129 compliant
- All bonds have hard bullets

## S&P covered bond rating vs Danish mortgage institutions



## S&P and ECBC profile

**ECBC**  
European Covered Bond Council  
The Covered Bond Voice of the European Mortgage Federation

**COVERED BOND LABEL**

**S&P Global Ratings Research**  
Danmarks Skibskredit A/S  
MARCH 11, 2021

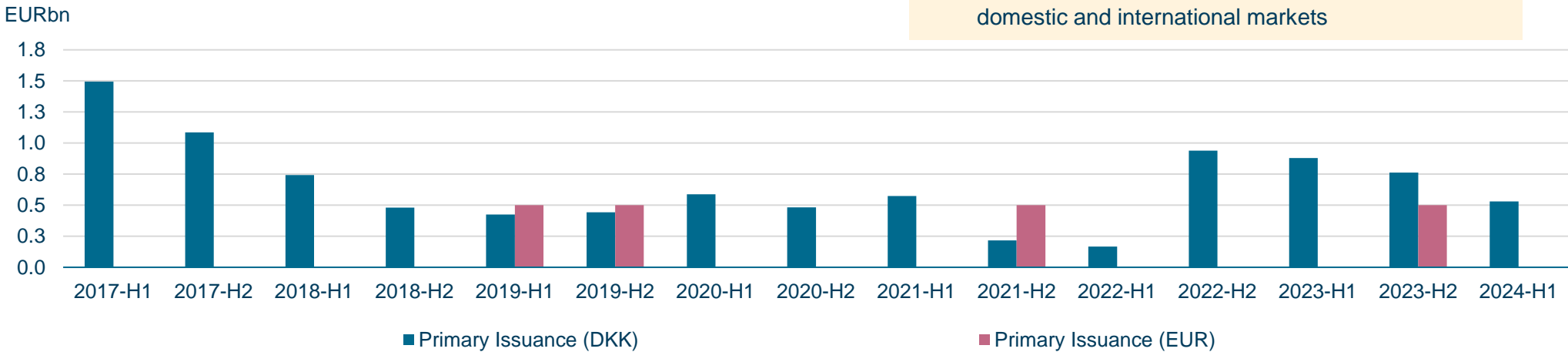
**S&P Global Ratings RatingsDirect**  
Transaction Update: Danmarks Skibskredit A/S Capital Centre A Covered Bond Program  
APRIL 27, 2021

**S&P Global Ratings RatingsDirect**  
Transaction Update: Danmarks Skibskredit A/S - General Capital Centre (Ship Covered Bond Program)  
OCTOBER 14, 2021

# We are a committed covered bond issuer

- Primary issuance of EUR 11.4 bn across both capital centers in the period from 2017 to 2023.
- During the same period, buy-backs of bonds, EUR 8.8bn, with shorter maturities (1-3 years), has added liquidity to the secondary market
- Annual average activity from DSF (primary and secondary) turnover of approximately 50% of outstanding bonds, with new issuance average maturity of 4-6 years
- It is a strategic priority for us to maintain a diversified European investor base and we intend to remain an active issuer in the EUR market
- In addition, we are exploring other currencies
- Expect similar pattern in 2024 compared to 2023: Switch activity as well as net issuance in the order of EUR ~500-700m

## Ship covered bond issuances 2017-2024-H1



- We are a committed issuer of ship covered bonds
- We intend to remain an active issuer in both the domestic and international markets

Source: Danish Ship Finance. Last observation 26 August 2024.

# Profile of the two capital centres

- In order to issue CRR compliant EUR covered bonds, we established Capital Centre A in 2019 from which EUR covered bonds are issued
- The DKK bonds are issued from Capital Centre Institute in general

Capital Centre A (30/6-2024)	
<b>Cover Pool (EUR issuances)</b>	
LTV (max 60%)	37%
OC	23%
WAL – funding	2.7yrs
WAL – loans	2.4yrs
Seasoning avg. (client relationship)	21.6yrs
Number of loans	82
Client concentration (10 largest)	71%
Substitute assets DKK (mostly AAA)	0.8bn
Bonds DKK (equivalent)	8.9bn

Institute in general (30/6-2024)	
<b>Cover Pool (DKK issuances)</b>	
LTV (max 70% initially)	41%
OC	21%
WAL – funding	2.9yrs
WAL – loans	3.1yrs
Seasoning avg. (client relationship)	18.5yrs
Number of loans	202
Client concentration (10 largest)	53%
Substitute assets DKK (mostly AAA)	10.5bn
Bonds DKK	35.5bn

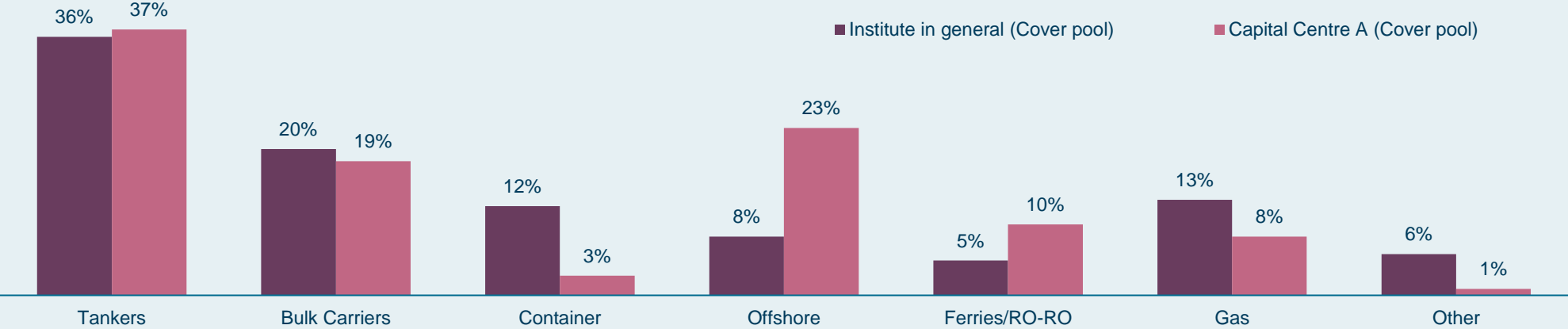
- ✓ Cover pool information for both capital centres are available at ECBC Label Templates (NTT) & (HTT) on a quarterly basis



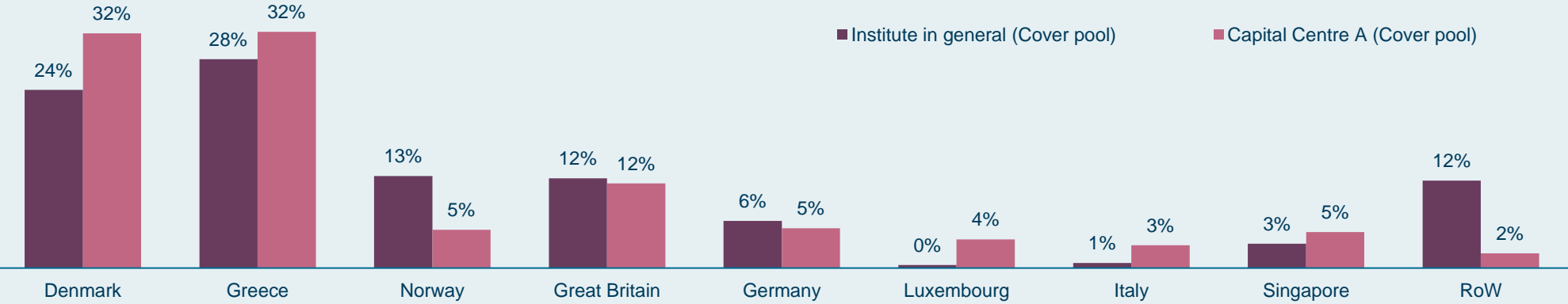
# Ship and geography segments of the two capital centres

## Cover Pools

### Ship Segments



### Client Headquarters

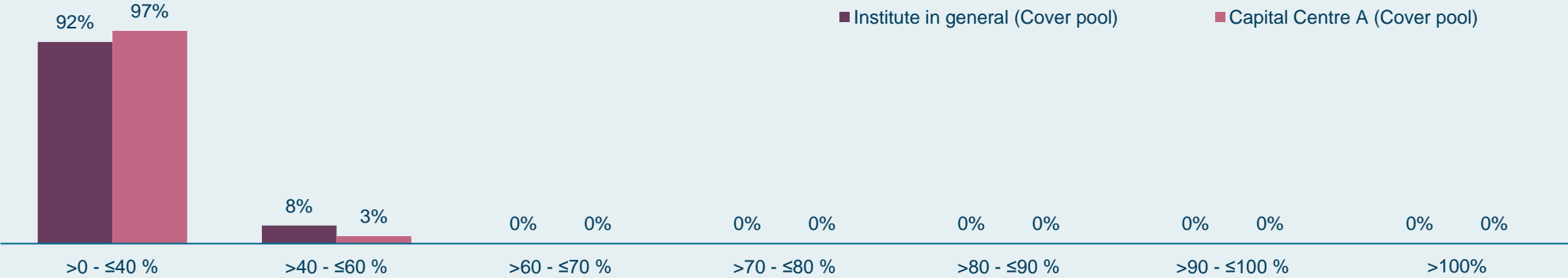


Source: Danish Ship Finance. Last observation 30 June 2024.

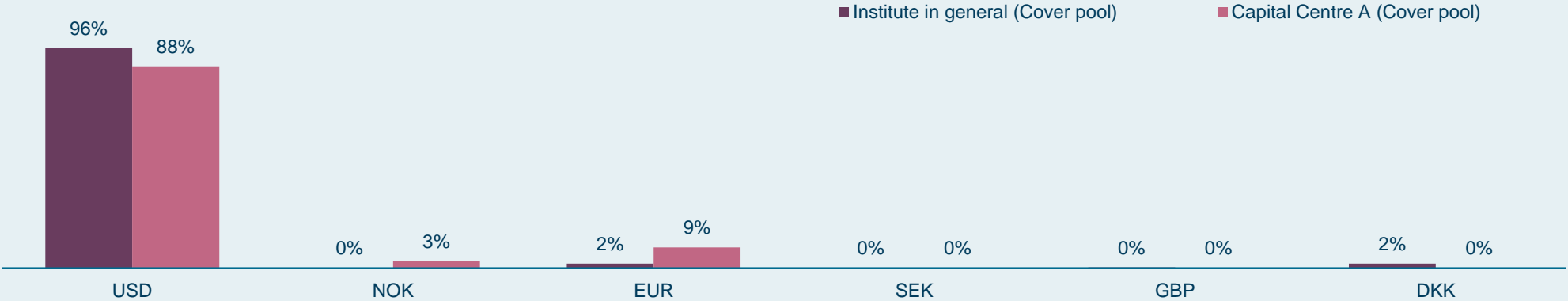
# Loan-to-value and lending currencies of the two capital centres

## Cover Pools

### LTV distribution



### Lending currency



Source: Danish Ship Finance. Last observation 30 June 2024.

# Our financial performance reflects a stable business model and a prudent credit profile

<b>INCOME STATEMENT</b> DKK million	<b>2024-H1</b>	<b>2023</b>	2022	2021	2020	2019	2018	2017
Net interest income from lending	220	413	562	541	501	516	477	541
Net interest income from finance activities	128	189	65	(37)	41	115	163	135
Total net interest income	348	602	626	504	542	631	640	676
Net interest and fee income	359	617	640	536	562	657	672	696
Market value adjustments	113	175	(206)	(82)	(150)	(197)	(135)	37
Staff costs and administrative expenses	(94)	(201)	(187)	(167)	(158)	(166)	(158)	(141)
Loan impairment charges (plus = income)	106	506	583	39	(100)	2	(35)	(163)
Profit before Tax	484	1,097	830	326	154	296	343	427
Net profit for the period	358	818	663	254	117	227	262	334

<b>BALANCE ITEMS</b> DKK million	<b>2024-H1</b>	<b>2023</b>	2022	2021	2020	2019	2018	2017
Loan book	33,529	31,980	35,005	37,544	33,576	41,440	39,591	37,412
Issued bonds	43,183	43,595	41,402	43,228	42,477	47,738	43,549	42,467
Equity	10,445	10,407	9,755	9,325	9,275	9,260	9,229	9,307
Total 1 capital ratio	21.2%	23.6%	21.9%	20.1%	22.3%	18.5%	19.0%	19.7%
Minimum requirement	13.4%	13.3%	13.0%	11.6%	12.0%	12.5%	11.2%	10.8%
Return on equity after tax	3.4%*	8.1%	7.0%	2.7%	1.3%	2.5%	2.8%	3.6%

\*Return on equity after tax for the first half of 2024 is not annualized.

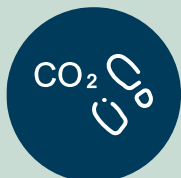
# Sustainability highlights



- All individual clients in our lending portfolio have sustainability ratings
- We introduced sustainability ratings in September 2019, and have continuously developed our framework since



- Sustainability-linked loans constituted 34% of new lending and refinancings in the first half of 2024
- Our target for the end of 2024 is for over 50% of new loans to be either sustainability-linked or supportive of clients' transitions towards more sustainable business models.



- We have restated financed emissions historically to reflect well-to-wake emissions instead of tank-to-wake.
- The emission intensity of our loan book is declining



- We participate in the Poseidon Principles Steering Committee and have recently implemented the IMO's new net zero ambition
- The portfolio's Poseidon Principles performance improved in the latest reported figures against IMO's initial strategy, going from +5.7% in 2022 to +3.7% in 2023.

# Sustainability in Danish Ship Finance

- For the second time, we release comprehensive data on financed emissions. Our financed emissions decreased to 176 tonnes of CO<sub>2</sub>e per DKK million of lending, down from 231 tonnes of CO<sub>2</sub>e in last year's inaugural reporting.
- We are currently implementing the Corporate Sustainability Reporting Directive (CSRD), which involves an increased obligation to collect, report, and publish information on sustainability.
- The CSRD necessitates strengthening our internal processes and approaches to evaluating our clients' material ESG risks. We are currently updating our sustainability rating framework to significantly improve its objectivity.
- The targets we have set combine three aspects of our business
  1. Targets that are **industry-linked**
  2. Targets that we will accommodate **together with our clients**, supporting them in their journey
  3. Targets focused on **our own organisation**

## Our targets

### Sustainable finance targets

#### Long-term objective:

We are committed to supporting the shipping industry in its sustainable transition by targeting a net zero loan book by 2050

#### Milestones:

**2024**

>50% of new lending is sustainability-linked and/or supportive of the sustainable transition

**2024**

>10% of investing portfolio in sustainable bonds

**2025**

New loans only to clients who are actively engaged in the sustainable transition

**2025**

Loan portfolio is fully aligned with the Poseidon Principles trajectories

### Our direct impact

#### Long-term objective:

We are committed to being a responsible employer with a diverse and inclusive culture and a strong focus on neutralising our direct environmental footprint

#### Milestones:

**2024**

Annually reduce our own direct climate impact by at least 5%

**2024**

12.5% of board members to be of the underrepresented gender

**2025**

Minimum 40% of the underrepresented gender in leadership positions



# Further information

## Further Information

Please visit our website to gain more information

[www.shipfinance.dk](http://www.shipfinance.dk)

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## Recent Publications



Read our **Interim Report** 2024-H1  
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Read our **Risk Report** 2023  
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Label	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+
Business	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+
Business	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+
Capital and Financial	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+
Key Ratios	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+
Rating	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+
Support	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+	bbb	bb	bb+

Major Rating Factors

Strength	Weakness
<ul style="list-style-type: none"><li>Very strong capitalization</li><li>Sound risk management with conservative underwriting and prudent asset management</li><li>Strong liquidity position</li></ul>	<ul style="list-style-type: none"><li>Business and revenue concentration in the capital and challenging shipping industry and the COVID-19 recovery</li><li>The recovery period for banking assets</li></ul>

BBB+/Stable/A-2

Read **S&P's** latest update on our covered bond and issuer rating  
<https://www.shipfinance.dk/investor-relations/rating-and-bonds/>

# *Appendix*



# Secured first lien financing

**Conservative  
lending policy**

**No equity  
finance**

**Primarily  
corporate secured  
lending**

**Weighted  
LTV of 38%  
on net loan book**

**100% of net lending  
within 60% of market  
value**

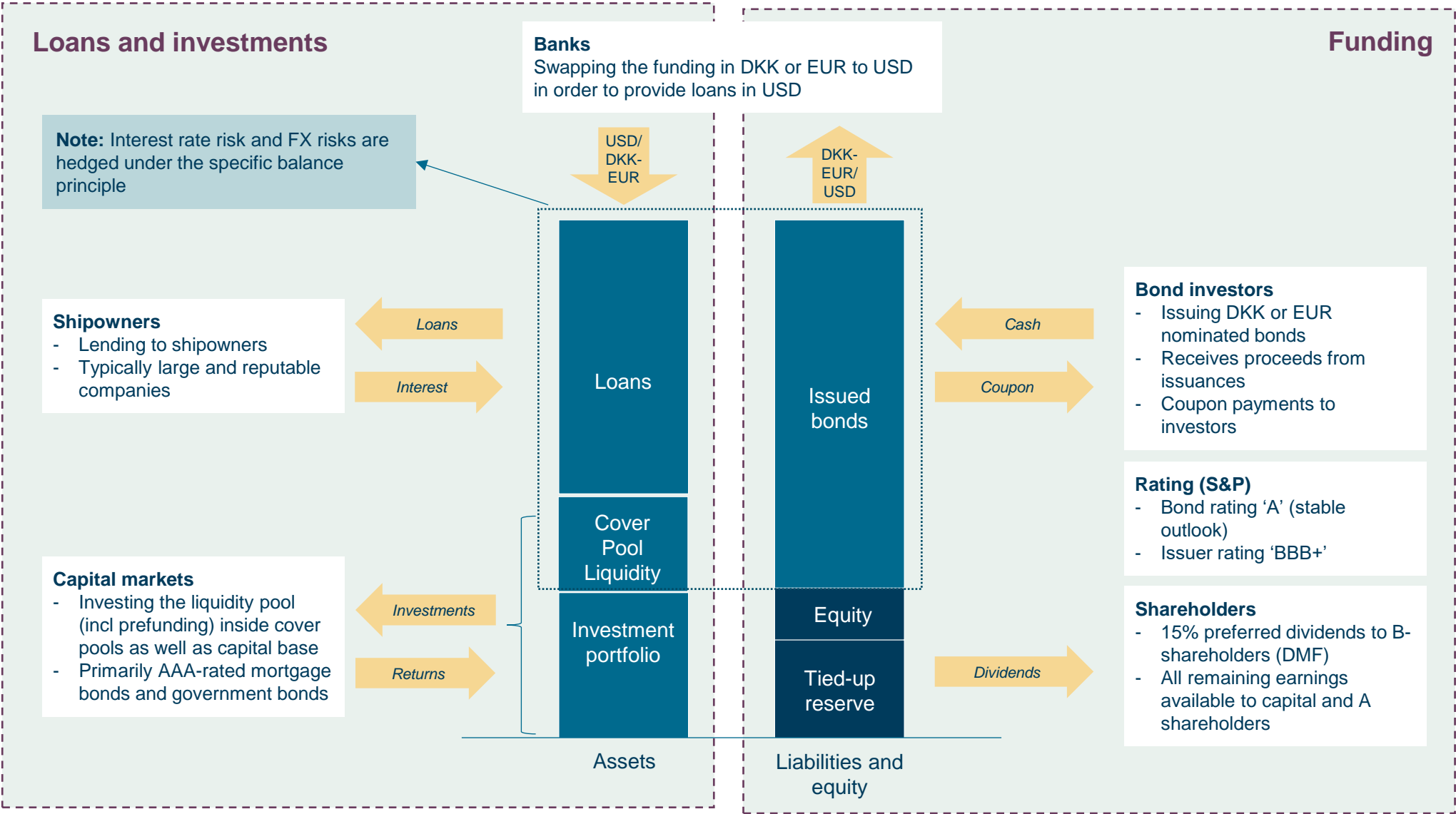
**Lending limits  
defined by  
Danish law**

**Long-term  
focus only**

**~12%  
of loan book  
amortising per year**

**Lending against  
1<sup>st</sup> priority mortgage  
in vessel(s)**

# We merge the safe balance principle of Danish mortgage institutions with secured corporate credit discipline



# The legal framework governing our business closely resembles that of Danish mortgage institutions

Legislation governing the treatment of holders of ship covered bonds and holders of real estate covered bonds is similar, apart from adjustments to account for the differences between the mortgaged assets

## General regulation

- The Danish Financial Business Act
- The Executive Order on Bond Issuance, the Balance Principle and Risk Management
- The Danish Companies Act
- The Danish Capital Markets Act

## Special regulation

- The Act on a Ship Finance Institute:
  - Issuance of bonds
  - Bankruptcy proceedings
  - Restrictions on cessation of activities
- The Executive Order on a Ship Finance Institute:
  - Regulation of management
  - Collateral for loans/CB
  - Capital/solvency requirements
- We are exempted from the EU Credit directive:
  - Not subject to large single exposure regulation

## Articles of association

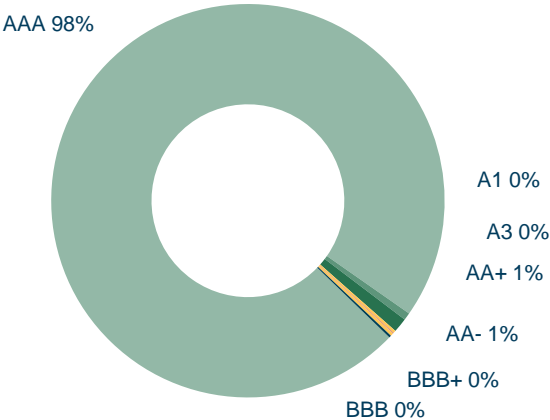
- Our purpose:
  - Ship financing in Denmark and, if it does not limit the ability to provide loans in Denmark, internationally
- Tied-up reserve capital of DKK 8.3bn

# Legal framework

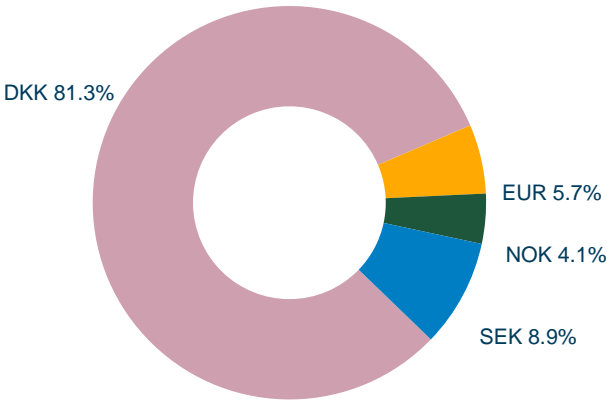
	EUR Ship Covered Bonds (SDO)					Ship Covered Bonds Skibskredittobligationer (SO)					Covered Bonds (real estate) Realkredittobligationer (RO)					Covered Bonds (real estate) (SDO)				
<b>Structure</b>	Assets remain on balance sheet, but are ringfenced in cover pool					Assets remain on balance sheet, but are ringfenced in cover pool					Assets remain on balance sheet, but are ringfenced in cover pool					Assets remain on balance sheet, but are ringfenced in cover pool				
<b>Loan-to-value</b>	60% at all times					70%					60-80%					60-80% at all time				
<b>UCITS compliant</b>	Yes					Yes					Yes					Yes				
<b>Compliant with CRR art. 129</b>	Yes					No (domestic law)					No (domestic law)					Yes				
<b>Eligibility of collateral under all approaches and methods in CRR</b>	Yes, only if quality step 3 or better (In DK quality step 2 or better)					Yes, only if quality step 3 or better (In DK quality step 2 or better)					Yes, only if quality step 3 or better (In DK quality step 2 or better)					Yes, only if quality step 3 or better (In DK quality step 2 or better)				
<b>Risk weight (if held in banking book)</b>	Quality step	1	2-3	4-5	6	Quality step	1	2-3	4-5	6	Quality step	1	2-3	4-5	6	Quality step	1	2-3	4-5	6
	Risk weight	10%	20%	50%	100%	Risk weight	20%	50%	100%	150%	Risk weight	20%	50%	100%	150%	Risk weight	10%	20%	50%	100%
<b>Compliant with Liquidity-Coverage-Ratio (ECAI)</b>	Yes, only if quality step 1-2					Yes, only if quality step 1-2					Yes					Yes				
<b>Compliant with Liquidity-Coverage-Ratio (issue size)</b>	Yes, only if the issue size is at least EUR 250 million (or the equivalent amount in domestic currency)					Yes, only if the issue size is at least EUR 250 million (or the equivalent amount in domestic currency)					Yes, only if the issue size is at least EUR 250 million (or the equivalent amount in domestic currency)					Yes, if the issue size is at least EUR 250 million (or the equivalent amount in domestic currency)				
<b>Specific capital requirements</b>	Yes, min 8% of RWA					Yes, min. 8% of RWA					Yes, min. 8% of RWA					Yes, min. 8% of RWA				
<b>Balance principle (general or specific)</b>	Specific Balance Principle No liquidity risk No FX risk Very low interest rate risk					Specific Balance Principle					Optional					Optional				
<b>180-day liquidity buffer</b>	Yes					Yes					Yes Match funding exempt					Yes Match funding exempt				
<b>Limits on market and liquidity risk that issuers can assume</b>	Yes					Yes					Yes					Yes				
<b>Excluded from bail-in</b>	Yes					Yes					Yes					Yes				
<b>Investors have a preferential claim in the event of default</b>	Yes					Yes					Yes					Yes				

# Investment of capital remains conservative (31/12/2023)

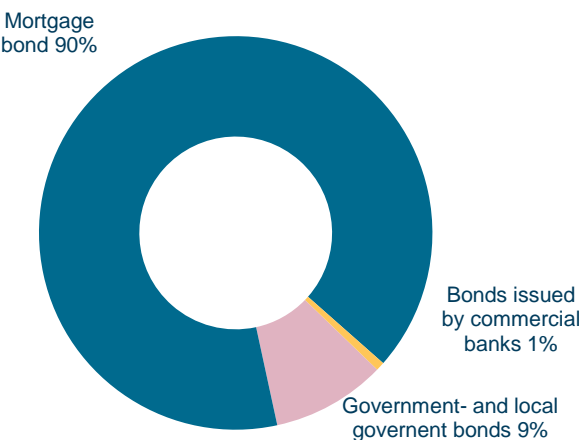
Exposure Bonds by Rating



Bond Portfolio Split by Currency



Distribution of Securities Portfolio



# Poseidon Principles: A pioneering sustainable finance initiative for ship finance

- 35 banks had committed to the Poseidon Principles by August 2024 (approx. 80% of global shipping finance)
- The Poseidon Principles was established in 2019 and is four successful reporting cycles in. It is the leading forum for decarbonisation of ship finance portfolios. Danish Ship Finance is an active member of the Steering Committee
- This year, we report our climate alignment results against IMO's initial GHG strategy and its revised strategy. The new strategy offers two trajectories that can be pursued; a "Minimum" and a "Striving for".
- Compared to other reporting banks, our Portfolio Climate Alignment result against IMO's Initial GHG Strategy ranks 17 out of 29. Based on the Revised Strategy, we rank 6th, placing us in the upper percentile
- The data we obtain from our clients as part of the initiative provides us an increased level of visibility about climate risk in the portfolio

## Our target

**2025** Portfolio fully Poseidon Principles-aligned

It is our target that by 2025 our portfolio of financed vessels will be climate aligned in accordance with Poseidon Principles trajectories





# Sustainability ratings and sustainability-linked loans

## Sustainability ratings



Maintained sustainability ratings coverage for 100% of our loan portfolio

- Primary focus is on material issues in shipping, with an emphasis on strategies for reducing greenhouse gas emissions.
- Individual ratings are reviewed annually or when a new transaction is considered by the Credit Committee.
- The framework is updated annually to ensure it evolves in line with societal discourse on sustainability, thereby maintaining the integrity of the ratings.

### Sustainability rating framework

We assess all clients' documented levels of engagement, accountability and future planning on the following material issues:

Environment	Fuel consumption and energy efficiency
	GHG emissions
	Pollution prevention and biodiversity
Social	Health and safety
	Human rights and responsible business practices
Governance	Anti-corruption and anti-bribery
	Organisational anchoring of sustainability
Ship recycling	Ship recycling policies and practices
Quality of information	Public reporting and other information shared

## Sustainability-linked loans



Settled 34% of new loans by volume as sustainability-linked

- In the first half of 2024, 34% of new lending incorporated sustainability incentives, an increase from 24% of loan disbursed in 2023
- We expect all agreements to have slight differences, and to be structured with varying degrees of complexity until a clear market benchmark materialises
- Our standard framework suggests that KPIs in loan agreements should be directly linked to the performance on Poseidon Principles trajectories and that owner's full fleet should be regarded, not just individual vessels in transactions

# Financed emissions from lending

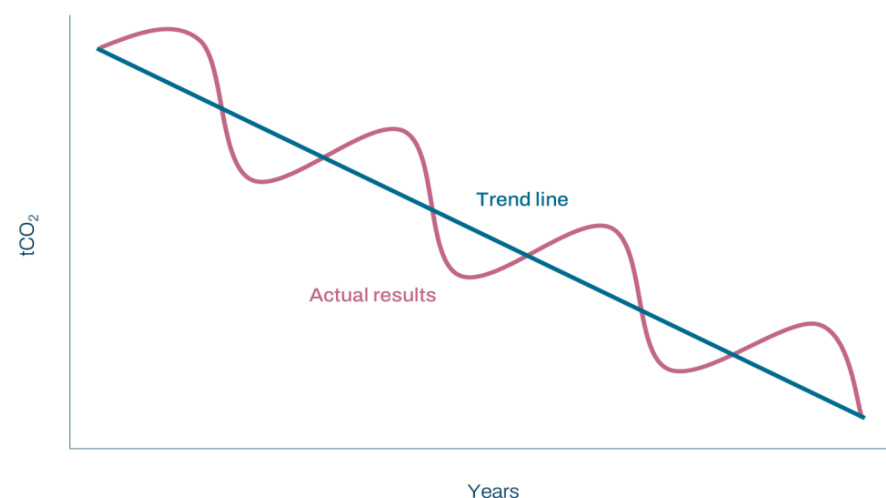
- Financed emissions account for by far the majority of the climate impact of our activities. It is therefore our No. 1 priority to steer our portfolio in the right direction and support our clients in their sustainable transition
- We have restated financed emissions historically to reflect well-to-wake emissions as opposed to tank-to-wake
- The underlying data for our financed emissions is identical to the data collected for Poseidon Principles reporting purposes
- In the absence of appropriate PCAF methodology to account for ship finance we use industry guideline established by FinanceDenmark, and make necessary methodology adjustments similar to other banks
- Ship values are part of the financed emissions calculation. In some years they are extremely volatile, and can therefore have a notable impact on the results from year to year

## Financed emissions from lending

Reporting year	2023	2022	2021	2020
<b>Absolute emissions (million tonnes CO<sub>2</sub>e)</b>	16	19	19	19
- Capital Centre Institute in General	13	16	16	17
- Capital Centre A	3	3	3	3
<b>CO<sub>2</sub> intensity (tonnes Co<sub>2</sub>e / DKKm lending)</b>	176	231	345	305
<b>Share of portfolio covered by emissions data</b>	89%	84%	83%	78%

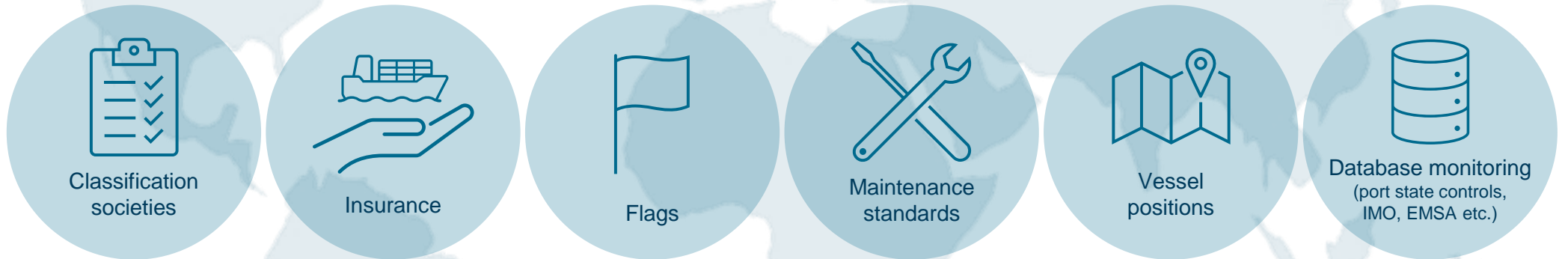
We use the methodology developed by Finance Denmark (FIDA) in its sector guidelines for CO<sub>2</sub> disclosures, since the Partnership for Carbon Accounting Financials (PCAF) does not currently include specific guidelines for shipping. Due to data constraints in the attribution factor, we use the ratio between the outstanding loan amount and the current ship value. We note that other banks which have published similar data have made the same methodology adjustments.

## Expected development in financed emissions



# Deep sector expertise

Mortgages are continuously monitored and evaluated...



We have strong in-house expertise within shipping know-how, market research, marine insurance, technical inspections and ship finance law, which is leveraged to actively manage the loan portfolio



**DANISH  
SHIP FINANCE**