

Svensk FastighetsFinansiering AB (publ)

Full Rating Report

LONG-TERM RATING

BBB+

OUTLOOK

Stable

SHORT-TERM RATING

N-1+

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RATING RATIONALE

Our 'BBB+' long-term issuer rating on Svensk FastighetsFinansiering AB (publ) (SFF) reflects the company's commitment to and role for its five owners, the company's low risk appetite, the creditworthiness and continuous support provided by its owners, and the security available for senior secured bondholders. The rating also reflects the relatively long average remaining lease term and the high occupancy rates of the properties in the pledged portfolio, as well as the stable operating environment.

These strengths are partially offset by a somewhat high net loan-to-value (LTV) ratio for the rating level, at 48% as of 31 Dec. 2021, and the company's short debt maturity profile, with large maturities concentrated in single years and quarters. Furthermore, the rating is constrained by the high tenant concentration in the portfolio.

Although SFF is a finance company, Nordic Credit Rating (NCR) assesses the company using its real-estate methodology given that SFF's and its owners' risk profiles are associated with factors specific to real estate. Despite material linkages, guarantees and liquidity commitments, NCR's view of SFF's creditworthiness is not directly connected to that of its overall owners, nor restricted by the weakest owner(s). Rather, SFF maintains its own liquidity reserves, mandated minimum equity requirements and the ability to sell all the properties in its portfolio for the benefit of its medium-term note (MTN) investors. We view SFF on a standalone basis, founded on the secured assets in its existing pool and the risk appetite defined in its MTN prospectus. Moreover, we add a notch to the final rating to reflect further credit support accruing regularly to SFF from its owners and outside of the pool of security available to bondholders.

STABLE OUTLOOK

The stable outlook reflects our expectations of stable performance by both SFF's property segments and its owners. We see net LTV being maintained around historical levels and the company's risk appetite remaining low, given the restrictions in SFF's MTN prospectus. Furthermore, we expect SFF to remain an attractive funding source for its five owners and its current ownership to stay unchanged.

POTENTIAL POSITIVE RATING DRIVERS

- Sustainable reduction in NCR-adjusted net LTV to below 45%.
- Improvement in portfolio quality and/or a greater proportion of pledged residential properties.
- Greater number of pledged properties, together with improved tenant diversification.

POTENTIAL NEGATIVE RATING DRIVERS

- Increase in risk appetite or changes to/non-compliance with covenants.
- Deterioration in the creditworthiness or withdrawal of one or more of the owners.
- Increase in NCR-adjusted net LTV to above 55% over a protracted period.

Figure 1. SFF key credit metrics, 2017–2023e

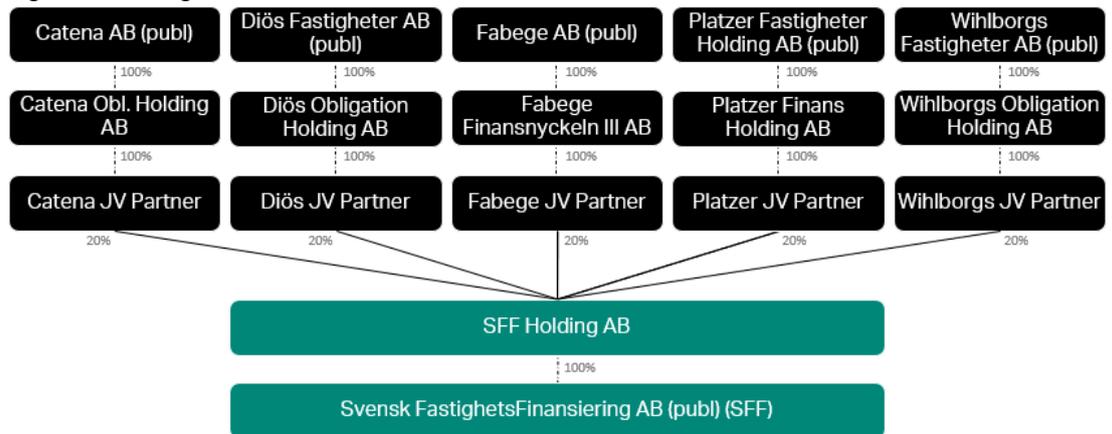
SEKm	2017	2018	2019	2020	2021e	2022e	2023e
Total assets	10,214	10,535	9,968	9,326	9,430	9,870	10,332
Security value	15,639	18,009	17,200	15,091	16,524	17,223	17,956
Gross debt	9,191	9,471	8,876	8,290	8,382	8,801	9,241
Gross LTV (%)	58.8	52.6	51.6	54.9	50.7	51.1	51.5
Net LTV (%)	55.8	49.9	48.8	51.9	47.9	48.3	48.6

Based on NCR estimates and company data. LTV—loan-to-value ratio, e—estimate. All metrics adjusted in line with NCR methodology.

ISSUER PROFILE

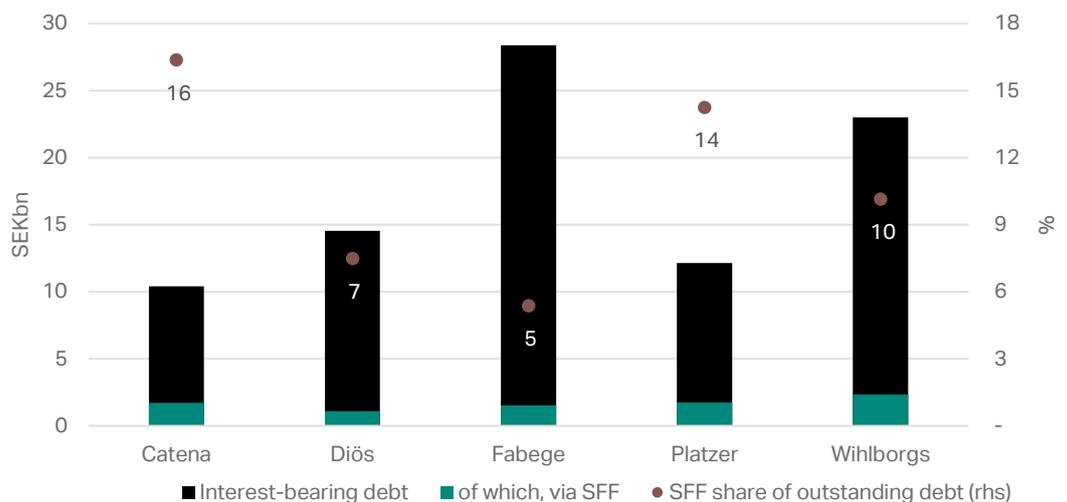
SFF is a joint venture founded in 2014 with common stock divided equally among Catena AB (publ) (Catena), Diös Fastigheter AB (publ) (Diös), Fabege AB (publ) (Fabege), Platzer Fastigheter Holding AB (publ) (Platzer) and Wihlborgs Fastigheter AB (publ) (Wihlborgs). The company is a financing vehicle for its owners, issuing secured bonds with security in the form of selected properties associated with its owners' core businesses in accordance with the prospectus for its MTN programme. By pooling the assets of the owner companies, SFF provides its owners with an alternative to bank financing and is the only source of secured capital market financing for each of its owners. The company's administration is managed by its service agent Hansan AB, owned by Backahill AB (the investment company of Swedish businessman Erik Paulsson and family), which is a major shareholder in four of SFF's five owner companies. SFF's board of directors includes the CFOs of the five owner companies and the CEO of SFF, who is also employed by Hansan AB.

Figure 2. SFF legal structure



SFF is an established debt issuer in Sweden, with SEK 8.4bn of outstanding bonds with security in 36 properties across Sweden valued at SEK 16.5bn, as of 31 Dec. 2021. SFF bonds as a share of the owner companies' interest-bearing debt was 5–16% as of 30 Sep. 2021, demonstrating that SFF is a meaningful alternative to bank financing, commercial paper and senior unsecured bond financing for its owners.

Figure 3. SFF owners' interest-bearing debt and share of debt financed by SFF, 30 Sep. 2021



Source: companies.

SFF issues debt secured by mortgage certificates of specific, otherwise unencumbered, properties and pledged shares in directly related property-owning subsidiaries that are 100% owned and managed by their owners. Each bond is associated with specific properties, but also backed by the entire pool of properties and the creditworthiness of SFF's ultimate owners, via guarantees within the structure and

a legal requirement that owners add security when needed and replace or remove properties from SFF's portfolio that no longer fulfil property level covenants.

TRANSACTION STRUCTURE AND COVENANT DETAILS

SFF's issuance of senior secured bonds follows a strict process to ensure that the company maintains 10% minimum equity requirements, property and portfolio level covenants, and liquidity buffers. In addition, the owners provide guarantees throughout the structure, ensuring that SFF will receive timely payment as long as its owners do not default on their obligations to SFF. SFF's fulfilment of covenants and processes is monitored by Intertrust (Sweden) AB, acting as security agent, and confirmed by law firm Born Advokater (name changed from Glimstedt Stockholm) in a formal legal opinion for each bond prior to the disbursement of funds to SFF. Each calendar quarter, SFF submits a compliance certificate to the security agent ensuring that property and portfolio level covenants are met.

Despite interlinkages in the ownership of SFF's owners, there is no contractual obligation for the five owners to support each other within the structure. We note, however, that if one or more owners were to not meet their obligations to SFF, SFF would maintain the ability to sell all of the properties pledged within the pool (not just those of the distressed company). SFF has liquidity buffers in the event of delayed payment or delays in the realisation of security.

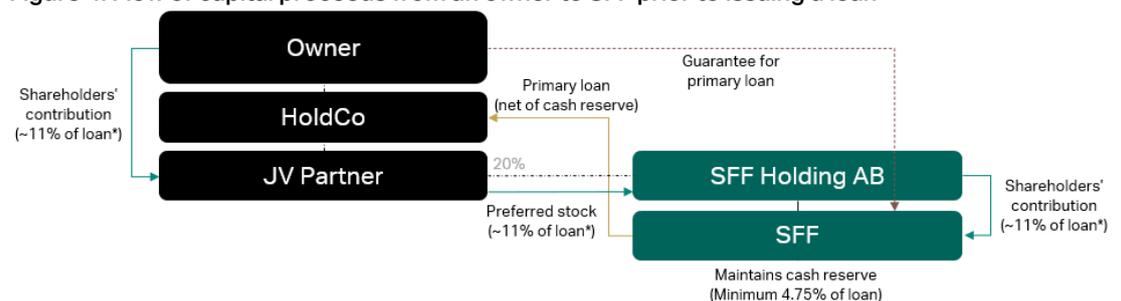
The details of the capitalisation and transaction processes are described below, followed by a description of property and portfolio level covenants.

Capitalisation and debt issuance

In the capitalisation process (Figure 4):

- SFF Holding AB receives an injection of preferred stock from an owner via the owner's joint venture company. The proceeds are then used as an equity injection in SFF. To ensure a 10% equity ratio in SFF, the injection is approximately 11.1% of the loan amount to be issued (10% of the loan plus 10% of the capital).
- SFF maintains a cash reserve of a minimum of 4.75% of the loan amount (depending on security pledged and STIBOR levels).
- SFF issues a loan (primary loan) to the owner's SFF holding company corresponding to the net proceeds from the equity injection less the cash reserve. Primary loans are fully cancellable at SFF's discretion, and proceeds can be used to add liquidity to SFF if necessary.

Figure 4. Flow of capital proceeds from an owner to SFF prior to issuing a loan



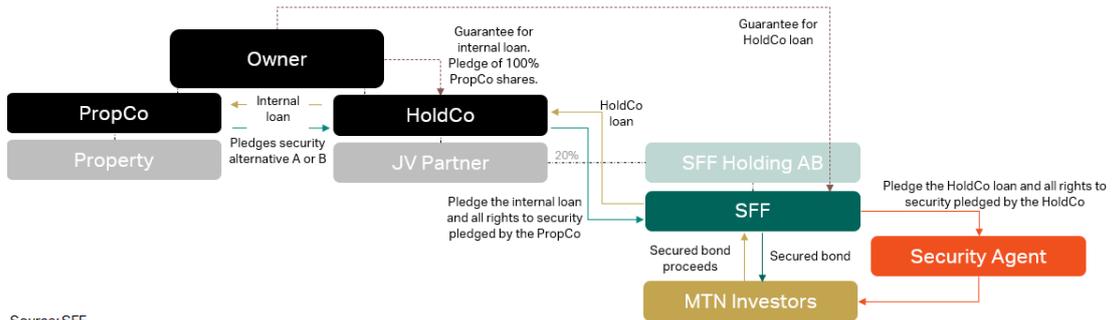
Source: SFF. *Shareholders' contributions and preferred stock are 10% of the loan plus 10% of the preferred stock (~11%) to maintain a 10% equity ratio.

In the debt issuance process (Figure 5):

- A property company (PropCo) within an owner group determines the need to finance a particular property that fulfils all property and portfolio level covenants.
- SFF issues a senior secured bond to MTN investors (each bond can include loans associated with several properties from multiple owners).
- The proceeds from the secured bond are lent to the owner's SFF holding company (HoldCo loan) in exchange for pledges from the HoldCo and with a guarantee from the owner to SFF.
- The proceeds from the HoldCo loan are lent to the PropCo (Internal loan) in exchange for pledges from the PropCo and with a guarantee from the owner to the HoldCo.
- The PropCo pledges are either:

- Type A: All outstanding mortgage certificates corresponding to at least 100% of the loan amount plus 1% of the loan amount in additional cash reserves; or
- Type B: All outstanding mortgage certificates corresponding to 50–100% of the loan amount plus a pledge of 100% of the shares in the PropCo. When using this option, an undated and unsigned application for additional mortgage certificates up to 100% of the loan is submitted to the security agent.
- SFF pledges the HoldCo loan, the PropCo loan, the HoldCo guarantee from the owner, the mortgage certificates and the shares in the PropCo to the security agent, which is responsible for monitoring the pool of secured assets.
- Corporate law firm Born Advokater (name changed from Glimstedt Stockholm) issues a legal opinion confirming that all steps of the process have been completed satisfactorily before funds are transferred to SFF's account.

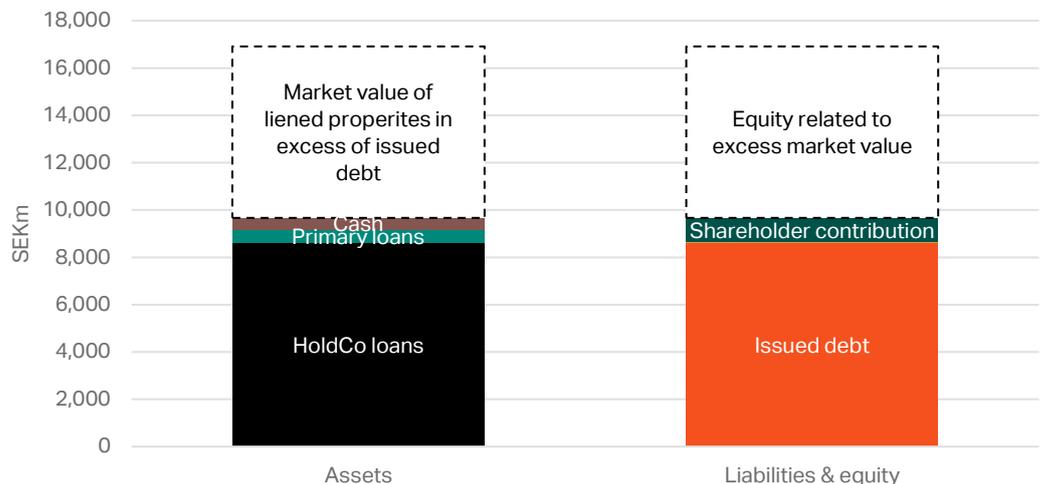
Figure 5. Flow of proceeds and security from a PropCo to MTN investors



Source: SFF.

SFF's balance sheet as of 30 Jun. 2021 (Figure 6) reflects the transactions described above. At all times issued debt is equal to HoldCo loans, due to the pass-through structure of SFF. As of 30 Jun. 2021, preferred stock was 12.0% of issued debt (10.7% of assets), cash and equivalents were 5.4% and primary loans were 6.6% of issued debt, respectively. In addition, the company, via its owners and third-party valuations, reported an excess market value of liened properties amounting to 84.0% of outstanding debt.

Figure 6. SFF balance sheet and additional security, 30 Jun. 2021



Source: company.

Property level covenants

Property level covenants define eligible properties and specific requirements to be fulfilled when a loan is initiated or refinanced. In our view, the LTV limits in Figure 7 could only be put under pressure under two scenarios. Firstly, if one or more of the owner companies were unable or unwilling to add security to the pool in order to reduce LTV to within limits, and secondly if one or more of the owners did not have the ability to refinance the property by other means outside SFF. This supports our view

that the likelihood of SFF breaching property level covenants is a direct reflection of the creditworthiness of each of the owners.

The covenant thresholds reflect SFF's view of the underlying risk of each property type by requiring lower LTV, higher occupancy rates, and longer leasing contracts for more volatile property types. The restrictions include the maximum LTV when a loan is initiated (or refinanced) and make it clear when the security agent must initiate the process of adding cash to reduce the net debt on a property and/or exchanging collateral when a loan is to be cancelled. The property level covenants also state minimum occupancy rates and the minimum weighted-average lease expiry (WALE) for each property type, which are to be considered only upon initiation of a new loan.

Each property undergoes a 'desktop' valuation once a year, as well as a comprehensive valuation at the point of pledging and annually thereafter. Both valuations are performed by an approved third-party. If a property's value declines such that LTV exceeds 75% (70% for industrial properties, hotels and restaurants), the security agent:

- submits a pre-completed application for mortgage certificates on the property up to 100% of the loan amount and requests related stamp duty fees from the borrower; and
- requests additional funds from the borrower, reducing the net loan amount, and restoring the LTV to below initial maximum limits (see Initial LTV (max.) in Figure 7) or repaying the entire loan.

If a property's value declines such that LTV rises above 77% (72% for industrial properties, hotels and restaurants) this is grounds for cancellation and repayment of the loan unless LTV levels are restored to the initial maximum limits or the loan is repaid entirely within three months. In order to repay the loan, the security agent can cancel all primary loans (to HoldCo's) at its own discretion and dispose of all properties pledged within the pool (not just those of the distressed company).

Figure 7. Property level covenants (%)

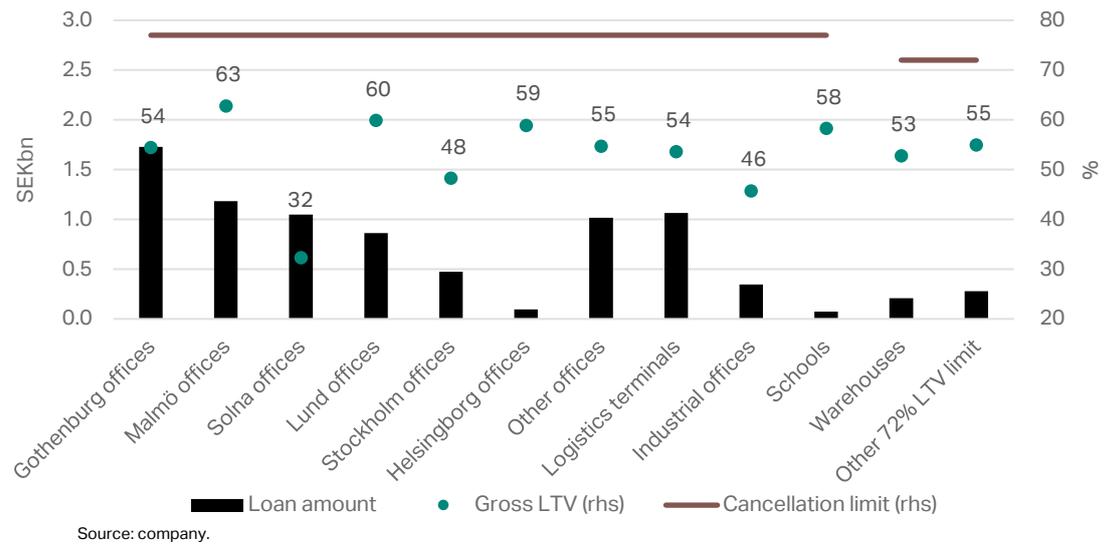
Property type	Initial LTV (max.)	Security agent notice (max. LTV)	Loan cancelled (max. LTV)	Vacancy rate (max.)	WALE, months (min.)*
Hotels and restaurants	60	70	72	5	30
Industrial properties, warehouses	60	70	72	5	24
Logistics properties	65	75	77	5	24
MFH with offices, offices, industrial offices	67	75	77	10	24
Care or cultural facilities, schools, logistics terminals	70	75	77	10	24
Multi-family housing	72	75	77	10	-

Source: company. All LTV figures are on a gross basis. WALE=weighted-average lease expiry. MFH=multi-family housing. *WALE must be over 30 months for all properties with more than 85% rental income from a single tenant.

In addition to the covenants in Figure 7, individual properties must:

- be within pre-defined priority markets for each of the owner companies (see Figure 12);
- be free from any other encumbrance by other creditors, with SFF holding first-lien priority;
- have appropriate insurance coverage;
- be free from development or construction that negatively affects the rental income of the property;
- have less than 20% of rental income associated with the borrower's owner; and
- have a WALE of over 30 months when rental income from a single tenant exceeds 85% of the property's rental income.

Figure 8. Property type loan amounts, gross LTV, and maximum LTV covenants, 31 Dec. 2021



Portfolio level covenants

In addition to property level covenants, SFF's MTN prospectus also outlines specific covenants at the portfolio level designed to limit the concentrations to specific owners, regions or property types in the pool of assets. Portfolio level covenants are not associated with market valuations and, as such, prevent new properties being added to the pool, rather than excluding existing properties, as with property level LTV restrictions.

- Logistics and industrial properties may account for a maximum of 20% of outstanding loans (6% as of 31 Dec. 2021).
- Hotels and restaurants may account for a maximum 5% of outstanding loans (0% as of 31 Dec. 2021).
- At least 65% of all office-related exposures (Swedish property tax codes 321, 325, 326) should be associated with Sweden's three largest cities (Stockholm, Gothenburg and Malmö) and surrounding regions (84% as of 31 Dec. 2021).
- No sponsor may account for more than 50% of outstanding loans (Wihlborgs accounted for 28% as of 31 Dec. 2021).

SFF has 15 working days to resolve any breaches of its portfolio covenants, except for the covenant prohibiting more than a 50% share by a single owner, which must be resolved within 20 working days.

Although we view the portfolio level covenants as adequate in limiting SFF's exposure to higher-risk property segments, we note that, for example, the restriction on pledged logistics properties could adversely affect Catena's possibilities of financing through SFF, as Catena mainly invests in logistics properties and terminals.

NCR believes that a change in ownership would likely force the company to adjust its portfolio covenants, for example if Fabege, Platzer or Wihlborgs were to withdraw from SFF, the share of pledged office properties in major cities would require a much larger volume from the other two owners. These three owner companies are also material contributors to lower-risk properties in the portfolio, so a change in ownership could affect our view of the strengths and weaknesses of the portfolio financed by SFF.

BUSINESS RISK ASSESSMENT

SFF is exposed to the Swedish property market both directly, through pledged properties, and indirectly, through owner guarantees. When assessing the business risk of SFF, NCR considers the characteristics of the properties in the secured portfolio as well as SFF's market position and its benefits for its owners. Our business risk assessment reflects SFF's exposure to mainly office properties in prosperous municipalities. It also reflects a mix of tier 1 and tier 2 locations, and the substantial benefits SFF provides for its owners.

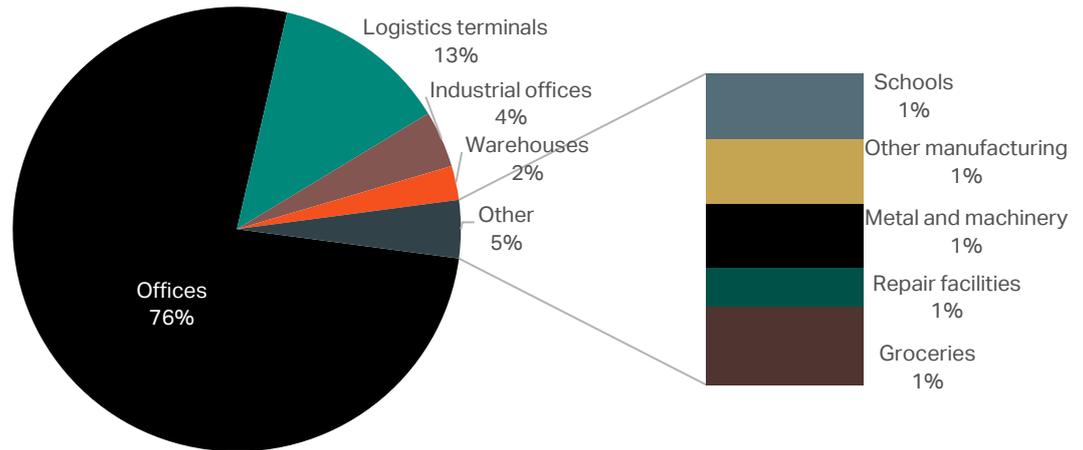
Business risk assessment 'bbb-'

Operating environment
'bbb-'

Operating environment dependent on Swedish office market

As of 31 Dec. 2021, 76% of SFF’s secured property portfolio consisted of office properties, based on loan amounts. In recent years, Sweden’s office sector has benefited from benign economic conditions, falling interest rates, steady yield compression and increasing rent levels. However, since the onset of the COVID-19 pandemic, there has been plenty of discussion about the future of office space. While both prime and average rents have remained at close to pre-pandemic peaks, we note that vacancy rates among many office property managers increased in 2020 and 2021. Despite higher vacancies, we see no immediate cause for concern and expect the segment to remain stable.

Figure 9. SFF's portfolio security by property type and loan amount, 31 Dec. 2021



Source: company.

While office space dominates SFF's portfolio, 13% of exposure relates to logistics terminals along Sweden's major highways or railway intersections. The rapid growth in e-commerce, fuelled by the COVID-19 pandemic, is boosting the logistics segment, in which strong demand is supporting low vacancies and stable rent levels.

SFF's industrial and warehousing exposures are largely dependent on the overall performance of the Swedish economy. Although we view the operating environment for the two segments as stable, we consider that a slower than anticipated economic recovery in the aftermath of the pandemic could have an adverse effect on tenants.

In terms of municipality exposure, the large majority of SFF's pledged properties are located in municipalities whose populations are expected to grow significantly faster than the national average. Most municipalities also exhibit unemployment rates that are lower than or in line with the national average. We believe that the strong fundamentals of SFF's geographical locations reduce the risk of a broad decline in demand for SFF's properties.

The market risk in SFF's portfolio is reduced further by the property-specific covenants that prevent new lending to or refinancing of properties with significant vacancies, while LTV covenants are likely to be breached if vacancies at existing properties increase substantially. Consequently, much of the risk associated with declining property values is passed through to the owners, which would have to find alternative financing or add security to reduce property level LTV below initial levels.

Figure 10. SFF loan amount from top 10 municipal exposures, 31 Dec. 2021

Municipality	Share of loan amount	Population, 2020	Expected population change, 2021–2040	Unemployment, 2020
Gothenburg	23%	583,000	13.5%	9.4%
Malmö	15%	348,000	17.1%	15.3%
Stockholm	13%	976,000	15.0%	8.1%
Solna	13%	83,000	20.5%	6.3%
Lund	10%	126,000	13.4%	7.8%
Skellefteå	5%	73,000	-4.9%	6.0%
Luleå	5%	79,000	2.3%	7.2%
Burlöv	3%	19,000	15.9%	12.4%
Haninge	3%	94,000	20.7%	8.5%
Järfälla	2%	81,000	22.4%	9.3%
Total/Sweden average	91%	-	8.9%	8.5%

Source: company, Statistics Sweden, the Swedish Public Employment Service (based on population forecast by Statistics Sweden) and Ekonomifakta (based on data from the Swedish Public Employment Service).

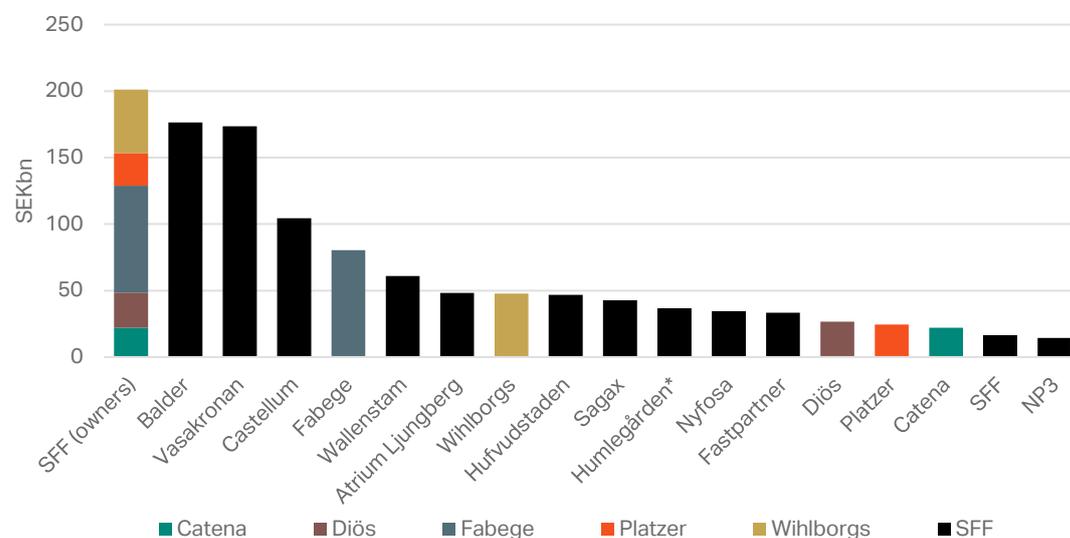
Substantial market diversification among owners, but high tenant concentration in pledged portfolio

Market position, size and diversification 'bb+'

SFF's market position is defined by the scope of its owners and the benefit that the company provides by giving its owners access to financing. SFF's pool of security is made up of 36 properties across Sweden with a market value of SEK 16.5bn as of 31 Dec. 2021. Compared with its Swedish peers, SFF's portfolio of pledged properties is relatively modest in size, but the substantial market value of properties within the owner aggregate indicates the breadth of the owners, which provide guarantees and support within the structure. In addition, the owners' aggregate portfolio demonstrates the potential for SFF to add considerably to its existing portfolio.

SFF provides its owners with an alternative source of financing, increasing the diversification of their funding. However, for SFF to remain a lasting attractive source of financing for its owners, the company must also offer competitive terms compared with those of secured bank financing. The financial benefit for SFF's owners varies over time. We expect financing via SFF, at the time of writing, to be some 40bps cheaper than bank financing, indicating a substantial benefit for SFF's owners. However, we note that Fabège, at times, issues senior unsecured bonds at spread levels in line with or lower than SFF's, meaning that Fabège issues debt via SFF in order to diversify funding rather than for purely financial reasons.

Figure 11. SFF peer group breakdown by property values, 30 Sep. 2021



Source: companies. *as of 30 Jun. 2021.

For a property to be eligible for financing via SFF it has to be located in its respective owner's priority market (see Figure 12). While the owners' market coverage and portfolio level covenants ensure some geographical diversification across Sweden, SFF's current property pool of 36 properties is relatively narrow compared with those of larger Nordic real-estate companies.

Figure 12. SFF owners' priority markets

Owner	Priority market
Catena	Locations along major highways (E4, E6, E20 and E22) between Malmö, Helsingborg, Gothenburg and Stockholm, as well as logistics terminals at major railway intersections (Nässjö, Katrineholm and Hallsberg).
Diös	More northerly cities of Borlänge, Falun, Gävle, Luleå, Skellefteå, Sundsvall, Umeå and Östersund.
Fabege	Central Stockholm (Stockholm City, Södermalm, Norrmalm, Östermalm and Kungsholmen), Hammarby Sjöstad and Solna (Solna Business Park and Arenastaden).
Platzer	Gothenburg, Mölndal and Härryda municipalities.
Wihlborgs	Malmö, Lund, Helsingborg and Burlöv municipalities.

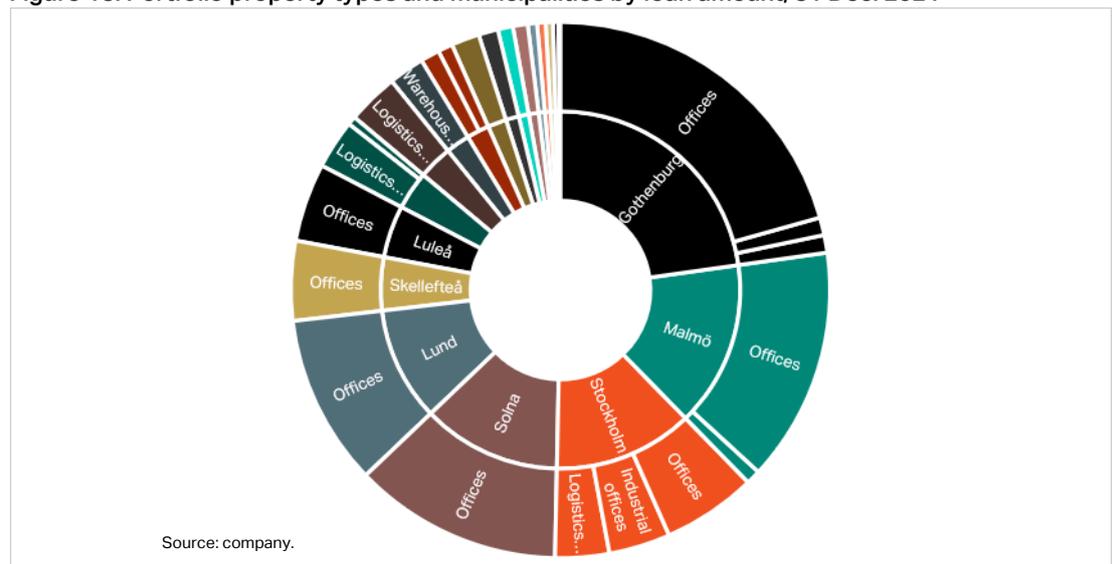
Source: company.

As of 31 Dec. 2021, the portfolio's 10 largest tenants accounted for 49.4% of rental income, indicating a high degree of tenant concentration. We note that there are no limits on tenant concentrations across the portfolio. However, under the property level covenants, if more than 85% of a property's rental income comes from one tenant, the WALE must exceed 30 months at the point of financing, instead of the typical 24 months. We also note that the portfolio has limited property diversification due to its reliance on a few properties with low LTV levels that ensure compliance with portfolio covenants.

Portfolio dominated by offices in Sweden's three major cities

SFF's bonds are secured in a pool of mortgage certificates of specific, otherwise unencumbered, properties and pledged shares in directly related property-owning subsidiaries that are 100% owned and managed by one or more of the five owners. In total, the pool includes 36 properties across Sweden valued at SEK 16.5bn as of 31 Dec. 2021.

Figure 13. Portfolio property types and municipalities by loan amount, 31 Dec. 2021



We consider most of the assets in the pool to be well-located properties in Sweden's major cities, with a mix of properties in tier 1 and tier 2 locations. We note that the portfolio level covenants ensure that the portfolio remains focused primarily on offices in Stockholm, Gothenburg and the Öresund region in southern Sweden. In addition, the inclusion of properties owned by Catena and Diös in the pool is reflected by exposures to logistics terminals, warehouses, and office properties in more northerly

Portfolio assessment
'bbb'

parts of Sweden. We anticipate that the mix of assets will remain diverse and of similar quality, but note that our assessment of the portfolio could change as new properties are added to the pool.

As of 31 Dec. 2021, the average remaining lease term in SFF's portfolio was 4.8 years, which is substantially longer than the minimum two years required at each point of financing. We note that some of the tenants are government-related entities, but view the tenant quality of the portfolio as a neutral factor.

Covenants state that properties are to be free from development that has an adverse effect on rental income, which we consider a strength in our risk appetite assessment. However, given the owners' collective focus on sustainability, we expect the owners to make value-adding improvements to some existing properties in order to ensure eligibility for green financing and to remain attractive to tenants.

Strong occupancy rate; margins considered neutral

Operating efficiency
'bbb+'

NCR considers SFF's earnings performance a neutral factor given its very low fixed costs and the fact that nearly all expenses are associated with the issuance of bonds and the administration of associated security. According to its financial policy, SFF is not designed to make profits, and adjusts its administration fees accordingly to minimise net financing costs for the owners. The company's income consists of token interest charges for the primary loans to the HoldCo's. These charges are used to pay administration costs and can be adjusted at any time by a board decision if expenses exceed or fall short of expectations. The cash reserves held by SFF are invested in low-risk financial assets (bank accounts, Swedish covered bonds and bonds and certificates from the government, Sweden's municipality credit company Kommuninvest, and domestic municipalities rated 'AA-' or higher). Issuance fees to banks are reflected in a minor difference between the principal amount on outstanding bonds and loans to its owners.

As shown in Figure 7, property level covenants prohibit new lending or refinancing to properties exceeding maximum vacancy limits of 5–10%. Once a property is financed via SFF, LTV covenants will capture any decline in occupancy leading to a decline in property values. Vacancy risks are consequently passed through to the owners, which would have to find alternative financing or increase cash to reduce property level LTV to continue financing properties with increasing vacancies via SFF. As of 31 Dec. 2021, the aggregate vacancy rate of SFF's portfolio was 3.0%, well below the vacancy limits for new lending or refinancing.

FINANCIAL RISK ASSESSMENT

Financial risk
assessment 'bbb'

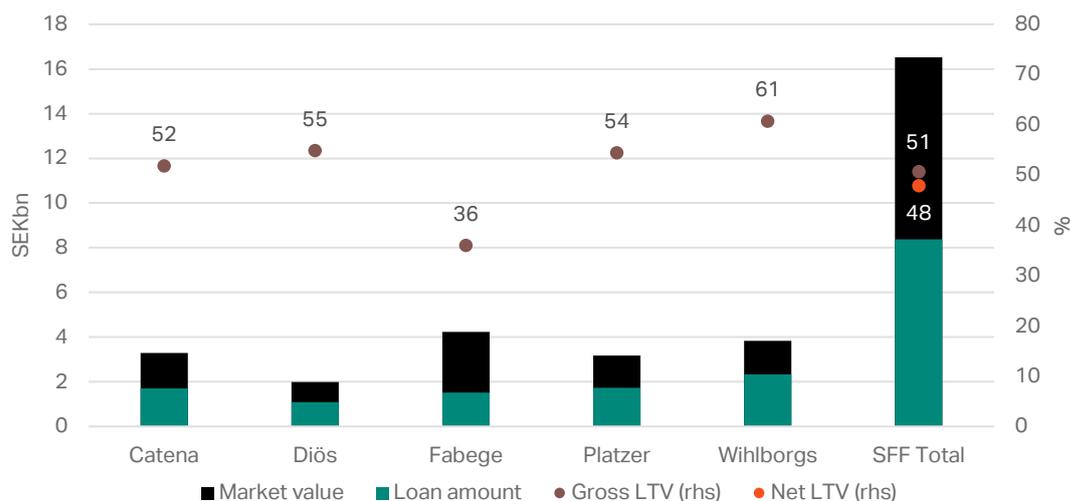
Our financial risk assessment balances SFF's somewhat high financial gearing for the rating level (measured as net LTV) and its low risk appetite clearly outlined by portfolio and property level covenants. We consider the strength of the various checks and balances within the structure, as well as the oversight of the security agent, the owners and the legal review associated with each loan, as supportive of a somewhat stronger financial risk assessment than a purely ratio-driven assessment.

Somewhat high financial gearing, but significant headroom under covenants

Ratio analysis 'bb'

Our assessment of SFF's financial risk profile takes account of the company's LTV ratio (gross and net) and its property level LTV limits. Our calculations of net LTV subtract 100% of cash, since, although they are restricted, SFF's cash reserves can only be used for the benefit of bondholders. If SFF were to be liquidated, cash reserves and primary loans would be used to repay MTN investors. However, we do not adjust LTV for primary loans as these loans are associated with credit risk.

Figure 14. Market value, loan amount and LTV by owner, 31 Dec. 2021



Source: company.

SFF's LTV limits are specified at the property level and vary by owner company and property type (Figure 8). At year-end 2021, reported gross LTV was 50.7%, leaving significant headroom under LTV covenants ranging between 72% and 77% (the cancellation limit). At the same reporting date, we estimate net LTV to be 47.9%. We expect LTV levels to remain at current levels or increase slightly as new properties are added to the portfolio. The growth of SFF's portfolio is strongly interlinked with the demand from its owners, but we assume that the loan portfolio will grow by 5% per annum while new properties are financed at average gross LTV of 60%. In addition, we do not forecast any changes in the value of existing properties. Accordingly, we project a net LTV of 48.6% by 2023.

In terms of SFF's other key credit metrics as determined by NCR, we note that the company is not intended to generate earnings, while interest expenses are passed directly through from the HoldCo loans to the MTN investors, ensuring perfect net interest coverage as long as the owners can make coupon payments. Given our view of the owners having credit assessments of 'bbb'/'bb', we do not anticipate any problems with coupon payments and note that SFF maintains considerable cash buffers as well as access to a subordinated SEK 50m credit facility commitment from its owners.

SFF is mandated to maintain a 10% equity ratio, which is upheld by the issuance of preferred shares in SFF Holding AB in conjunction with each financing. The preferred share issuance equals approximately 11.1% of the loan amount and is passed through to SFF as a shareholder contribution. The preferred shares in SFF Holding AB have no coupon payments, do not affect the owners' 20% voting rights and are resolved when associated HoldCo loans are repaid to SFF.

Transaction structure and covenant details support the rating

SFF's risk appetite is closely connected with the transaction structure and covenants stipulated in SFF's MTN prospectus (described in detail above). This clearly outlined framework is, in our view, supportive of a somewhat stronger financial risk assessment than a purely ratio-driven assessment. Our risk appetite assessment considers the strength of the various checks and balances within the structure as well as the oversight of the security agent, the owners and the legal review associated with each loan.

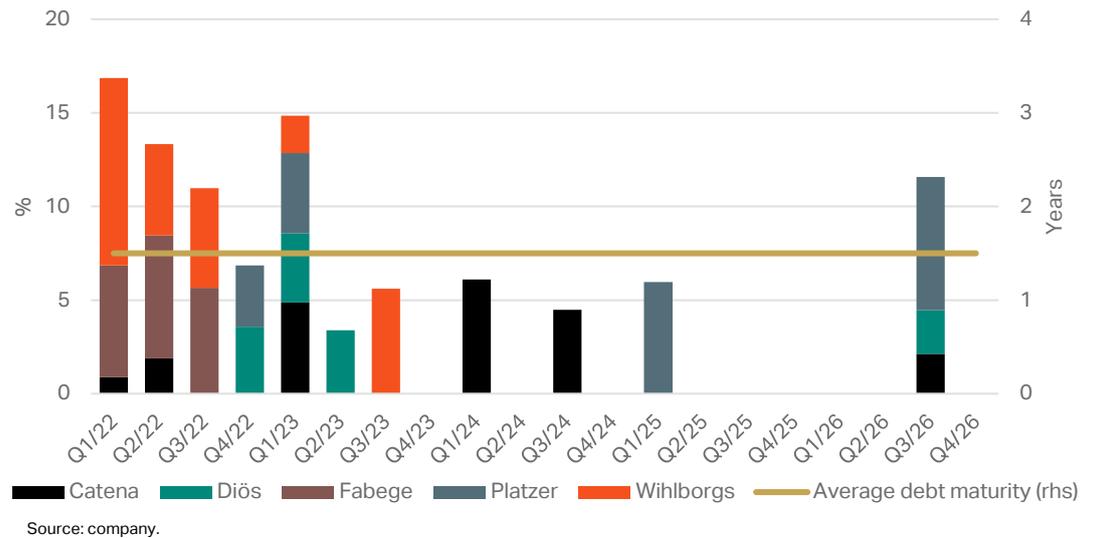
We view the various covenants within the structure as adequate, while the processes outlined satisfactorily ensure that pledged securities are managed in an orderly fashion. Furthermore, we note that, although property level covenants, other than the LTV covenant, are only applicable at the point of financing, they continually ensure that the pledged portfolio maintains a high quality as loans are refinanced regularly. For example, if the occupancy of a specific property were to decline substantially, we would expect this to be captured by the LTV covenant. However, in the event that this were not detected, such deterioration would be captured at refinancing as the property no longer meets the minimum occupancy requirement, resulting in the property being excluded from the security package. This ensures that the quality of the security package is continually restored.

Risk appetite 'a'

We believe that SFF's owners intend to maintain existing risk levels and note that the company has evidence that the various triggers within the structure work and have resulted in additional cash security where vacancies have affected the valuations of single properties.

As of 31 Dec. 2021, SFF's average debt maturity was 1.5 years, with 48% of loans due to mature in 2022. According to its financial policy, SFF's long-term aim is for loan maturities over any 12-month period to not exceed 20% of total loan volumes. This target was not met at year-end 2019, 2020 or 2021. If SFF were a standalone entity, we would view the company's short debt maturity profile as a material concern. However, we note that the burden of upcoming maturities is mitigated by the relevant owner company providing the necessary assurance, at least three months before each maturity, that it will have the available cash and/or available bank facilities to repay the loan.

Figure 15. SFF debt maturity profile by owner loan, 31 Dec. 2021



ADJUSTMENT FACTORS

Adjustment factors are assessed as neutral and have no effect on our standalone credit assessment.

Liquidity

Our 12-month liquidity analysis is based on a stressed scenario under which the company cannot access the capital markets or extend bank loans, and therefore has to rely on internal or committed external funding sources to cover its liquidity needs. We typically expect an investment grade company to cover all liquidity needs over the coming 12 months.

We assess SFF's liquidity profile as adequate, though we note that the short debt maturity profile and high proportion of near-term debt maturities is a material standalone weakness that requires commitments of available liquidity from the company's owners. Given our view of the owners having credit assessments of 'bbb'/ 'bb', we expect the owners to maintain sufficient liquidity buffers to support SFF if needed.

Because of SFF's substantial near-term debt maturities, we expect funding uses to exceed funding sources over 2022. This could have been a material weakness but is to some extent mitigated by the fact that a vast majority of SFF's debt is secured. We believe the majority, if not all, of the pledged properties are of sufficiently high quality to enable refinancing through alternative funding channels, such as the banking system, reducing refinancing risk.

SFF's refinancing risk is further reduced by the process stipulated prior to an upcoming debt maturity. Four months before a loan maturity, SFF formally notifies its owners of the forthcoming maturity, whereupon the owner company provides confirmation, at least three months prior to maturity, that it will have available cash and/or available bank facilities to repay the loan in the event that SFF is unable to issue bonds in the market. If an owner is unable to provide such assurances, SFF could, via the security agent, commence the process of selling the associated property to ensure repayment of the

Adjustment factors
neutral

Liquidity adequate

loan. As the sales process could be time-consuming, SFF has the ability to use existing cash and cancel all primary loans to generate further cash to ensure timely payment to MTN investors until proceeds from the sale are finalised.

We estimate the following primary funding sources for the 12 months ending 31 Dec. 2022, totalling SEK 3.0bn:

- SEK 464m in estimated cash at end-2021;
- SEK 50m in an unutilised credit facility from the owner companies;
- SEK 2.0bn in borrowings and owner assurances since end-2021; and
- SEK 468m in estimated minimum fully cancellable primary loans.

We estimate the following uses of funds for the 12 months ending 31 Dec. 2022, totalling SEK 4.0bn:

- SEK 4.0bn in servicing of debt maturities.

Environmental, social and governance factors

ESG factors adequate

Given the nature of SFF, the company's sustainability and environmental, social and governance (ESG) initiatives are heavily dependent on its owners' financing demands and the efforts of its servicing company, Hansan AB. SFF follows Swedish governance guidelines (*Svensk kod för bolagsstyrning*) but has decided to deviate from some of these guidelines, such as the inclusion of independent board members. We consider the deviations minor and reasonable given the nature of SFF's operations.

SFF's environmental profile is dependent on the type of properties its owners finance via SFF. However, the owners each have a stated objective to improve their own environmental profile by enhancing energy efficiency and increasing the share of environmentally certified properties under management.

Figure 16. SFF ESG considerations

Issue	Risk	Mitigating efforts	Result
Governance	Unintended breach of covenants.	Oversight of security agent and legal advisor. Board members have veto rights on any board decision.	Carefully managed structure. No issues in the past. Unanimous board decisions.
Increased environmental focus on financial markets	Adverse effect on financing possibilities or higher financing costs due to subpar environmental efforts.	Established green bond framework certified medium green by CICERO.	As of 31 Dec. 2021, 10 outstanding green bonds totalling SEK 4.5bn, or 54% of outstanding debt.

Source: company.

OWNERSHIP ANALYSIS

Ownership positive

NCR reflects continual support from SFF's owners by assigning an additional notch to SFF's standalone credit assessment to reflect the credit enhancement not reflected elsewhere within the assessment. In particular, we factor in the requirement for the owners to replace non-performing assets and/or provide additional security if LTV levels were to rise, and for the owners to confirm available liquidity/bank facilities three months prior to any loan maturity. Furthermore, while we note that there are no guarantees between the owners, the security agent has the ability to sell any of the pool properties for the benefit of MTN investors, which, together with the strong ownership ties between the five companies, provides incentives for the owners to resolve any issues collectively. Upon SFF's inception, the five owners were partly owned by Swedish businessman Erik Paulsson and/or his family's private investment company, Backahill AB. While Backahill AB relinquished ownership of Platzer in 2017, it has historic ties to the company.

Owner profiles can be found below.

ISSUE RATINGS

SFF is financed only by secured senior obligations. Our 'BBB+' long-term issuer rating on SFF is also assigned to bonds issued within the company's MTN programme.

Owner profiles

CATENA AB (PUBL)

Catena manages and develops logistics properties – terminals, distribution and warehouse facilities – in Sweden's largest cities and along connecting railways and highways. Catena was assigned a public rating from NCR in 2021. See Catena's [NCR issuer page](#) for further information.

PLATZER FASTIGHETER HOLDING AB (PUBL)

Platzer focuses on commercial properties in Gothenburg, representing one of the more geographically concentrated portfolios of the five owners. Platzer was assigned a public rating from NCR in 2021. See Platzer's [NCR issuer page](#) for further information.

DIÖS FASTIGHETER AB (PUBL)

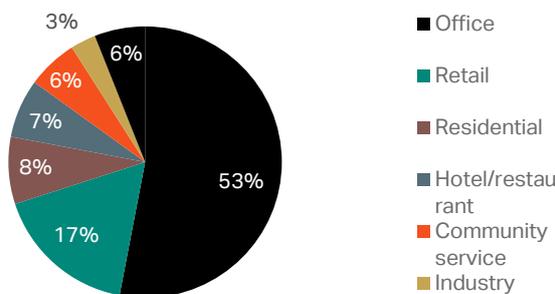
Diös focuses on property management and development in the cities along the north-eastern coast of Sweden, as well as the inland regions of Dalarna and Östersund. The company's portfolio is more diversified across property types than other owners and only 16% of revenues stem from top 10 tenants, which are primarily government or government-related entities. The average remaining lease term is 4.0 years, while the portfolio vacancy of 10% is among the higher of SFF's owners. Despite only minor increases in lettable area, property values have increased in recent years, as have operating margins.

Figure 17. Diös key metrics

	2016	2017	2018	2019	2020	LTM*
Property portfolio ('000 sqm)	1,354	1,553	1,464	1,483	1,455	1,490
Property value (SEKbn)	13.7	19.5	20.8	22.9	24.5	26.6
Vacancy (%)	10	9	9	9	9	10
Average debt maturity (years)	1.8	2.4	2.0	1.6	2.5	2.3
EBITDA margin (%)	55	59	59	60	61	61
NCR-adjusted net debt/EBITDA (x)	10.8	11.0	10.6	11.1	11.7	11.9
NCR-adjusted EBITDA/net interest (x)	3.6	5.4	6.1	6.9	7.0	6.7
NCR-adjusted net LTV (%)	58.7	57.0	54.3	54.1	54.4	52.8

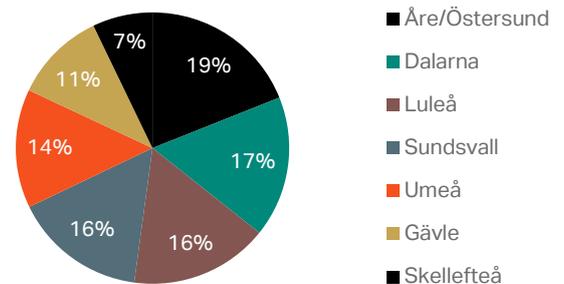
Based on company and NCR data. All metrics adjusted according to NCR methodology. *LTM-last 12 months as of 30 Sep. 2021.

Figure 18. Diös property types by rental value, 30 Sep. 2021



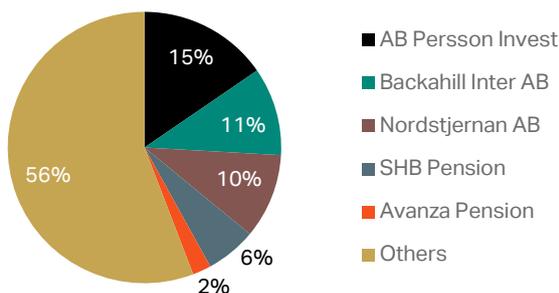
Source: company.

Figure 19. Diös locations by rental value, 30 Sep. 2021



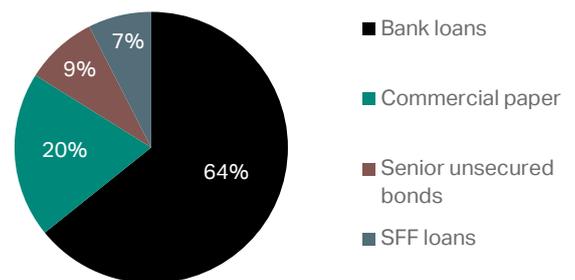
Source: company.

Figure 20. Diös ownership structure, 30 Sep. 2021



Source: company. SHB-Svenska Handelsbanken.

Figure 21. Diös interest-bearing debt, 30 Sep. 2021



Source: company.

FABEGE AB (PUBL)

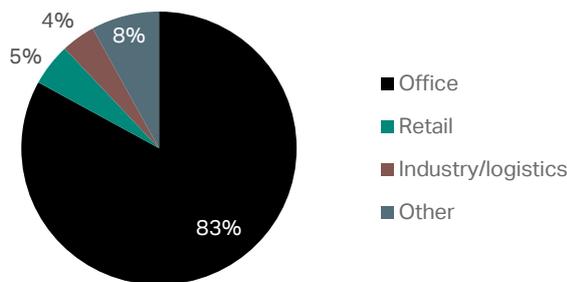
While not the largest owner by lettable area, Fabege is the largest of SFF's five owners in terms of property value, at SEK 80.4bn as of 30 Sep. 2021. The company focuses on office space in central Stockholm and the connected areas of Solna, Hammarby Sjöstad and Flemingsberg. The company has improved credit metrics in recent years and has the lowest LTV level of the sponsors, at 36%. The company's top 10 tenants account for 30% of rental revenues. Vacancy levels rose in 2020 and 2021 to end at 10% by 30 Sep. 2021.

Figure 22. Fabege key metrics

	2016	2017	2018	2019	2020	LTM*
Property portfolio ('000 sqm)	1,062	1,136	1,252	1,255	1,245	1,238
Property value (SEKbn)	47.8	57.9	67.6	74.3	76.6	80.4
Vacancy (%)	6	6	6	6	9	10
Average debt maturity (years)	3.8	4	5	5.8	5.2	4.8
EBITDA margin (%)	68	70	71	72	72	72
NCR-adjusted net debt/EBITDA (x)	15.3	15.3	14.6	13.3	13.6	14.4
NCR-adjusted EBITDA/net interest (x)	2.5	2.9	3.7	4.2	4.1	4.0
NCR-adjusted net LTV (%)	45.8	42.5	38.8	36.4	35.5	36.0

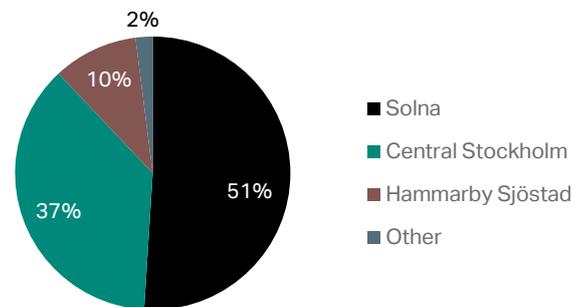
Based on company and NCR data. All metrics adjusted according to NCR methodology. *LTM-last 12 months as of 30 Sep. 2021.

Figure 23. Fabege property types by rental income, 30 Sep. 2021



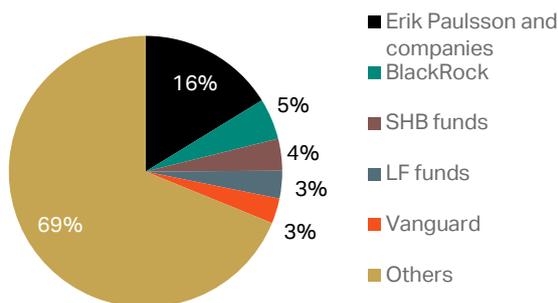
Source: company.

Figure 24. Fabege locations by market value, 30 Sep. 2021



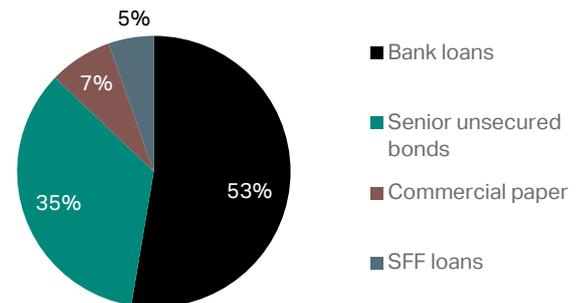
Source: company.

Figure 25. Fabege ownership structure, 30 Sep. 2021



Source: company. SHB-Handelsbanken. LF-Länsförsäkringar.

Figure 26. Fabege interest-bearing debt, 30 Sep. 2021



Source: company.

WIHLBORGS FASTIGHETER AB (PUBL)

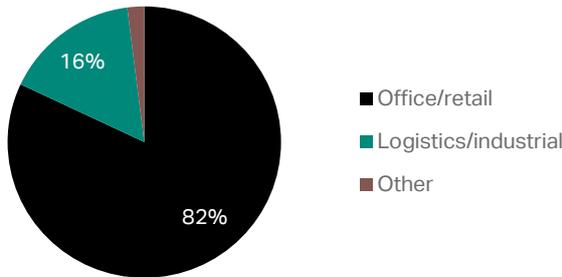
Wihlborgs' property focus is on the Öresund region, including Sweden's largest southern cities and Copenhagen across the Öresund Bridge. Most of the portfolio comprises office and retail space (81%), with the remaining properties associated with logistics or industrial properties. As of 30 Sep. 2021, the property portfolio was valued at SEK 47.8bn. Wihlborgs' net interest coverage has improved in recent years due to a strong improvement in EBITDA and materially lower interest costs.

Figure 27. Wihlborgs key metrics

	2016	2017	2018	2019	2020	LTM*
Property portfolio ('000 sqm)	1,800	2,067	2,106	2,181	2,103	2,120
Property value (SEKbn)	32.8	38.6	42.1	45.5	46.1	47.8
Vacancy (%)	9	7	7	7	9	8
Average debt maturity (years)	5.9	6.2	6.0	5.7	6.1	6.4
EBITDA margin (%)	72	71	70	69	70	69
NCR-adjusted net debt/EBITDA (x)	11.8	12.4	12.1	11.4	10.3	10.9
NCR-adjusted EBITDA/net interest (x)	3.3	3.4	4.0	6.3	6.8	6.8
NCR-adjusted net LTV (%)	52.8	53.0	53.8	51.6	47.9	47.9

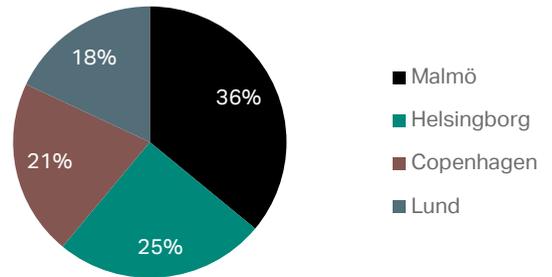
Based on company and NCR data. All metrics adjusted according to NCR methodology. *LTM-last 12 months as of 30 Sep. 2021.

Figure 28. Wihlborgs property types by rental value, 30 Sep. 2021



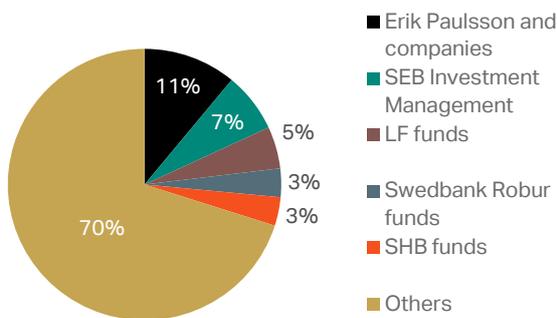
Source: company.

Figure 29. Wihlborgs locations by rental value, 30 Sep. 2021



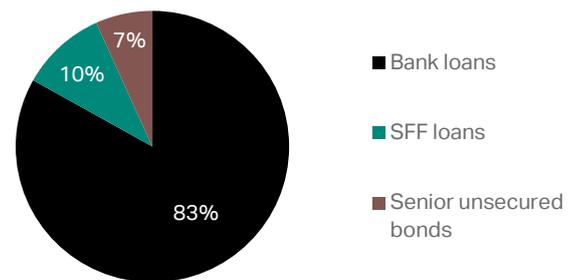
Source: company.

Figure 30. Wihlborgs ownership structure, 30 Sep. 2021



Source: company. LF-Länsförsäkringar. SHB-Handelsbanken.

Figure 31. Wihlborgs interest-bearing debt, 30 Sep. 2021



Source: SFF and company.

Figure 32. SFF key financial data, 2017–Q2 2021

SEKm	FY	FY	FY	FY	LTM
Period-end	31 Dec. 2017	31 Dec. 2018	31 Dec. 2019	31 Dec. 2020	30 Jun. 2021
INCOME STATEMENT					
Rental income	–	–	–	–	–
Other income	–	–	–	–	–
Total costs from operations	–	–	–	–	–
Net operating income	–	–	–	–	–
Administrative expenses	-7	-7	-7	-7	-7
Administrative expenses, project portfolio	–	–	–	–	–
EBITDA	-7	-7	-7	-7	-7
Share of profit in associated companies and joint ventures	–	–	–	–	–
Interest expenses	-43	-52	-73	-76	-77
Interest income	50	60	81	84	84
Interest expenses, shareholder loans	–	–	–	–	–
Financial costs from leasing	–	–	–	–	–
Other financial costs	–	–	–	–	–
Changes in investment property	–	–	–	–	–
Gain (loss) on financial assets held at fair value	–	–	–	–	–
Depreciation and amortisation	–	–	–	–	–
Restructuring activities	–	–	–	–	–
Pre-tax profit	0	0	1	0	0
Current taxes	–	–	–	–	–
Deferred taxes	0	0	0	0	0
Net profit	0	0	1	0	0
BALANCE SHEET					
Investment property	–	–	–	–	–
Other non-current assets	6,234	7,015	3,453	6,543	4,679
Total non-current assets	6,234	7,015	3,453	6,543	4,679
Cash and cash equivalents	460	492	486	464	464
Other current assets	3,520	3,028	6,030	2,319	4,527
Total current assets	3,980	3,520	6,515	2,784	4,991
Total assets	10,214	10,535	9,968	9,326	9,670
Total equity	1,022	1,064	1,090	1,036	1,035
Non-current borrowings	5,875	6,616	3,230	6,182	4,410
Non-current borrowings, shareholder loans	–	–	–	–	–
Deferred tax liabilities	–	–	–	–	–
Other non-current liabilities	–	–	–	–	–
Total non-current liabilities	5,875	6,616	3,230	6,182	4,410
Total current liabilities	3,316	2,855	5,649	2,109	4,225
Total equity and liabilities	10,214	10,535	9,968	9,326	9,670
CASH FLOW STATEMENT					
Pre-tax profit	0	0	1	0	0
... of which changes in investment property	–	–	–	–	–
Depreciation and amortisation	–	–	–	–	–
Tax paid	–	–	–	–	–
Adjustment for items not in cash flow	–	–	–	–	–
Cash flow from operating activities before changes in working capital	0	0	1	0	0
Changes in working capital	0	1	3	-3	0
Cash flow from operating activities	0	1	4	-3	0
Cash flow from investment activities	-3,095	-285	559	607	-1,912
Cash flow from financing activities	3,235	315	-569	-626	1,912
Cash and cash equivalents at beginning of period	320	460	492	486	463
Cash flow for period	140	32	-6	-22	0
Cash and cash equivalents at end of period	460	492	486	464	464

Source: company. FY–full year. LTM–last 12 months.

Figure 33. SFF rating scorecard

Subfactors	Impact	Score
Operating environment	20.0%	bbb-
Market position, size and diversification	12.5%	bb+
Portfolio assessment	12.5%	bbb
Operating efficiency	5.0%	bbb+
Business risk assessment	50.0%	bbb-
Ratio analysis		bb
Risk appetite		a
Financial risk assessment	50.0%	bbb
Indicative credit assessment		bbb
Liquidity		Adequate
ESG		Adequate
Peer comparisons		Neutral
Stand-alone credit assessment		bbb
Support analysis		+1 notch
Issuer rating		BBB+
Outlook		Stable
Short-term rating		N-1+

Figure 34. Capital structure ratings

Seniority	Rating
Senior secured	BBB+

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