# VONOVIA

FY 2024

**Earnings Call Presentation** 



# **Agenda**

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## Vonovia's Evolution across 3 Phases since the IPO

Impact of Recent Macro Events on Phase 3 Timing Return to Growth Not Clear yet

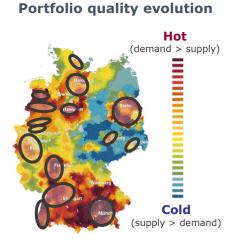
Big Picture



- long-term growth.
- Proof of scalability.
- Market-leading platform and efficiency.







## 2023 **Crisis Management**

 Energy prices & inflation up.

2022

- ECB hikes rates 10x.
- Values decline by 26% (gross).
- Step change in cost of capital.
- ✓ Disposal program.
- ✓ Capital discipline.
- ✓ Priority for cash generation over profitability.
- √ First out of crisis mode.

## **Return to growth**

2025+

- Accelerate nonrental EBITDA growth.
- Leverage platform and unparalleled scale.
- Combine ongoing focus on capital discipline with organic growth initiatives.

## Early March 2025

## **New uncertainty**

- Defense and infrastructure spending program.
- Impact on property prices & financing costs.
- Negative impacts vs. benefits from higher government spending on energy and housing.
- We are much better prepared this time.
- We know what works and what doesn't.
- No knee-jerk reactions.
- Manage the business with a steady hand.
- Priorities: protect rating, manage debt KPIs, maintain overall capital discipline, safeguard medium & long-term success of our business.
- Execution of more capital-intensive nonrental growth continuously evaluated against cost of capital evolution.
- Capital light non-rental growth unaffected.

\*\*\* Operating business extremely robust \*\*\* Megatrends provide strong tailwind \*\*\* Market fundamentals highly supportive \*\*\*





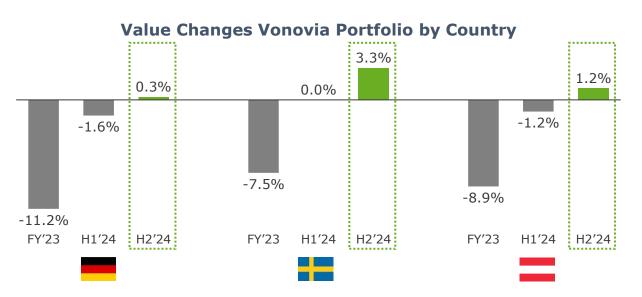
# **Price Development**

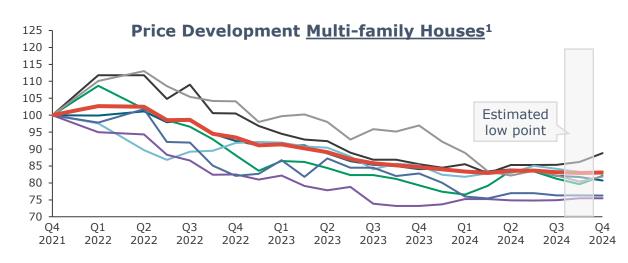
## Stabilization

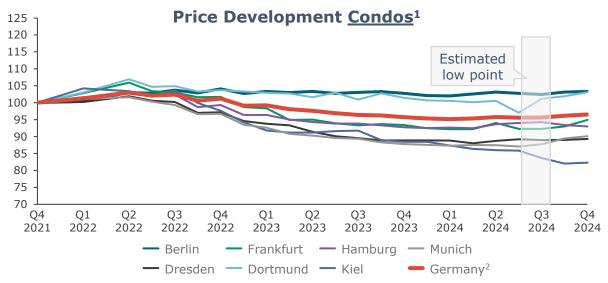


 Market data suggests that value declines have stopped and prices have stabilized.

- Prices for multi-family houses are moving sideways on average.
- Condo prices stabilized earlier and are showing first signs of increases.
- Positive H2 2024 value change in all three countries.







<sup>1</sup> Source: Value Marktdatenbank (formerly empirica-systeme), Q4 2024. <sup>2</sup> Germany refers to the weighted average for Vonovia's German portfolio.



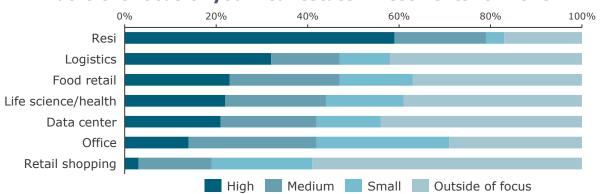
## **Transactions & Market Sentiment**

Increasing Volumes. Growing Optimism

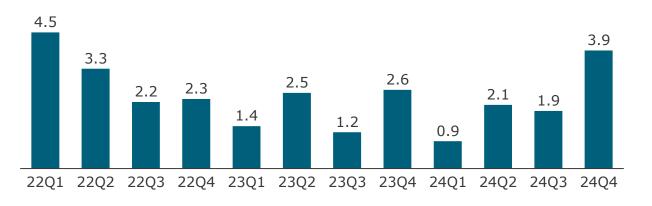


- Q4 2024 with largest transaction volume in almost three years.
- Residential is most favored asset class in Germany for 2025.
- Vast majority of market participants expect residential prices to remain at least stable or even increase.

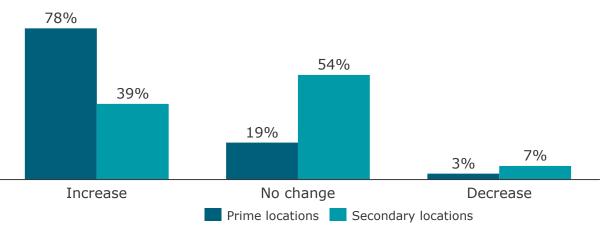
## What is the focus of your real estate investments for 2025?2



## German residential transaction volume (€bn)¹



## **Residential price development expectations for 2025<sup>2</sup>**



<sup>1</sup> Source: Savills (Wohnimmobilienmarkt Deutschland, January 2025). <sup>2</sup> Ernst & Young Real Estate GmbH (Trendbarometer Immobilien-Investmentmarkt 2025, January 2025)



## Increasing Real Market Levels As Supply/Demand Imbalance Beats Regulation

Robust Growth Trajectory for Many Years

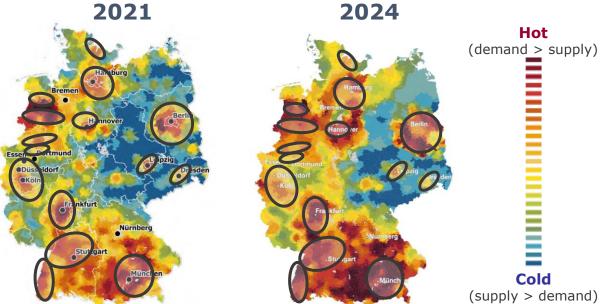
Big Picture

FY2024

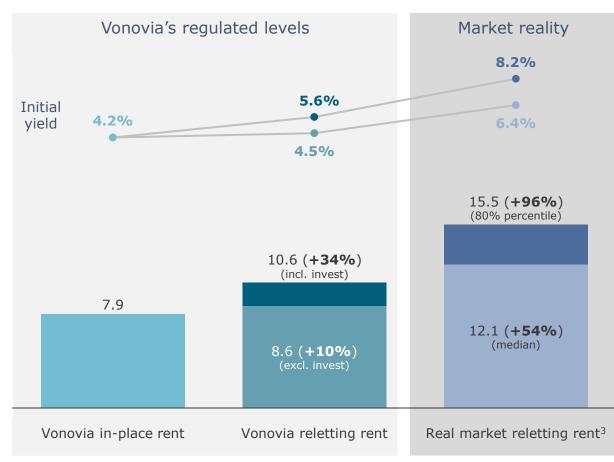
Appendix

- Vonovia's portfolio is focused on urban growth markets with the largest supply-demand gap.
- Structural imbalance supports long-term rent growth trajectory.
- ~4% Adj. EBITDA Rental growth p.a. for many years (based on €1bn investments. Higher growth from ramping up investments. Operating yield of 6-7% on investment amount).

## Supply/demand imbalance: Rising Temperature<sup>1</sup>



# Wide disparity of gross initial yields based on in-place values and rents (current rent level €/sqm)<sup>2</sup>



<sup>&</sup>lt;sup>1</sup> Source: bulwiengesa Wohnwetterkarte. <sup>2</sup> Vonovia's German portfolio. <sup>3</sup> Source: Value Marktdatenbank (formerly empirica-systeme), Q4 2024. Asking rents excluding furnished apartments and new constructions. Market data reflects the weighted average for Vonovia's German portfolio as of Dec. 31,



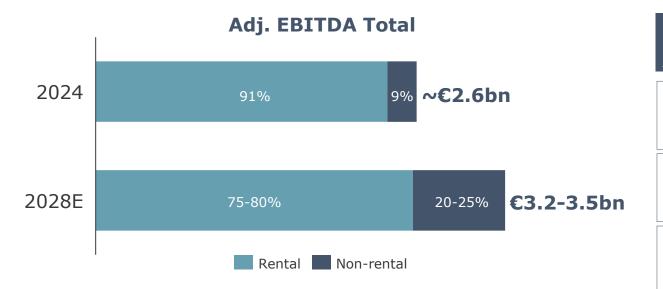
# **Earnings Growth**

Ambition to Grow Adj. EBITDA Total CAGR by ~8% until 2028E

Big Picture

### 2024-2028E CAGR

- Adj. EBITDA Rental ~4%
- Adj. EBITDA Non-rental ~30%
- Adj. EBITDA Total ~8%
- · Adj. EBT mid single digit



## **Rental** business

## Rock solid, low risk, and highly predictable



~4% Adj. EBITDA Rental growth p.a. for the long-term (Based on €1bn investments p.a. Higher growth from ramping up investments. Operating yield of 6-7% from rent growth and cost savings following completion of the investment).



Full occupancy (except for apartments undergoing refurbishment during tenant turnover).



Full rent collection.

## Non-rental business (Value-add, Recurring Sales, Development)

## Additional earnings & value generation not reflected in NTA

Return to Performance

Accelerated

Tech-Supported

**Investments** 

Expanded

**Business Areas** 

 VTS craftsmen organization & increasing investment volume

- Recurring Sales
- Development to Sell

Serial Modernization

- Energy Cube heat pump
- Energy Operations
- Stranded Assets
- Occupancy Rights
- 3<sup>rd</sup> Party Market/2<sup>nd</sup> Vonovia

Higher investment volume funded by OFCF (60% equity contribution) and non-core disposals



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**Preface** 

Market

- Current market data suggests that value declines have stopped and prices have stabilized.
- Vonovia portfolio value up 0.5% in H2 2024 (I-f-I).
- Transaction volumes are increasing; growing market optimism.

Vonovia

- Successful completion of disposal program for cash generation purposes. Focus is now on non-core.
- Negative price correction appears to be over.
- Leverage under control with stabilized ratings.

**Vonovia's Growth Trajectory** until 2028E

- ~4% CAGR for Adj. EBITDA Rental.<sup>1</sup>
- ~30% CAGR for Adj. EBITDA Non-rental.
- ~8% CAGR for Adj. EBITDA Total.
- Mid-single digit CAGR for Adj. EBT.

FY2024 Update

- 4.1% organic rent growth (+30 bps).
- €2,625m Adj. EBITDA (+1.6%).
- €1,800m Adj. EBT (-3.6%).
   €1,901m OFCF (+34.3%).
  → priority for cash generation over profitability in 2024
- Pro forma LTV 45.8% (-150 bps).
- €45.23 EPRA NTA p.s. (-3.4%).
- €1.22 dividend p.s. (+36%).<sup>2</sup>

# Successful Completion of Disposal Program for Cash Generation Purposes

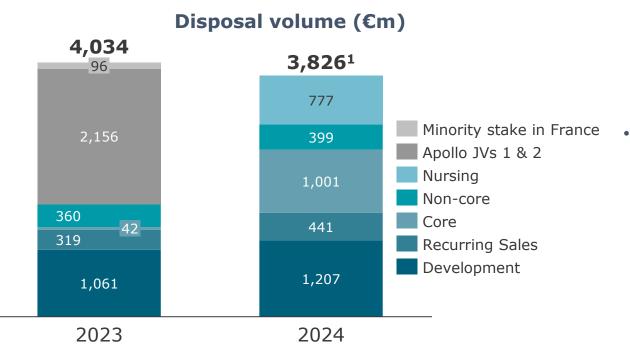
Almost €8bn Disposal Volume in 2023+2024. Rating Stabilized

Big Picture

FY2024 Update

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- Disposal program initiated for cash generation successfully completed.
- Balance sheet protected and rating stabilized during period of high uncertainty.
- Disposal of remaining €1.6bn non-core will remain a priority.



- Total disposal volume of €7.9bn since the beginning of 2023.
- Without disposals the current LTV would be 52%.
- Further deleveraging will continue organically
  - Rent growth will drive fair values towards a lower LTV (based on stable market yields assumption).
  - Organic EBITDA growth will push ND/EBITDA lower and keep ICR largely stable and in safe territory.
- Future disposal decisions with more emphasis on profitability.

Excluding €1bn additional liquidity from selling 20% of Deutsche Wohnen stake into vehicle co-owned with Apollo. Including €380m nursing disposal signed in January 202

€m (unless indicated otherwise)	FY 2024	FY 2023	Delta (%)
Adj. EBITDA Rental	2,385.7	2,401.7	-0.7%
Adj. EBITDA Value-add	168.4	105.5	+59.6%
Adj. EBITDA Recurring Sales	57.6	63.4	-9.1%
Adj. EBITDA Development	13.4	13.2	+1.5%
Adj. EBITDA Total	2,625.1	2,583.8	+1.6%
Adj. Net Financial Result	-709.0	-625.1	+13.4%
Depreciation	-112.7	-110.2	+2.3%
Intragroup profit (-)/loss (+)	-3.8	17.7	-
Adj. Earnings before Taxes (EBT)	1,799.6	1,866.2	-3.6%
Adj. Earnings before Taxes (EBT) p.s. <sup>1</sup>	2.20	2.31	-5.1%
Adj. EBT attributable to minorities	166.0	136.0	+22.1%
Adj. EBT after minorities	1,633.6	1,730.2	-5.6%
Adj. EBT after minorities p.s. <sup>1</sup>	1.99	2.15	-7.1%
Depreciation	112.7	110.2	+2.3%
Capitalized maintenance	-294.2	-296.3	-0.7%
Cash taxes <sup>2</sup>	-235.5	-124.0	+89.9%
Book value of sold investment properties	387.6	239.4	+61.9%
Development to Sell   Net working capital <sup>3</sup>	274.1	-340.2	-
Dividends paid to JV minorities & other	-143.7	-40.5	>100%
Operating Free Cash Flow (OFCF) ("Vonovia AFFO")	1,900.6	1,414.8	+34.3%
Operating Free Cash Flow (OFCF) ("Vonovia AFFO") p.s. <sup>1</sup>	2.32	1.75	+32.6%

- Underlying operations remain highly favorable with growing rents, virtually full occupancy, and high collection rates; FY2024 impacted by ~6k fewer units.
- Value-add segment includes €58m from lease agreement on coax network.<sup>4</sup>
- Recurring Sales volumes and Development to Sell at higher volumes but lower margins as a result of focus on cash generation.
- Increase in Adj. EBT attributable to minorities due to annualized impact from Apollo JVs.
- Adj. net financial result driven by higher refinancing costs
   (4.1% average financing costs in 2024) and full-year effect of 2023 financings.
- Higher income tax payments related to disposals.
- Increase in OFCF cash dividends driven by Apollo JVs.



<sup>&</sup>lt;sup>1</sup> Based on the weighted average number of shares carrying dividend rights. <sup>2</sup> Income tax payments according to cash flow statement (w/o taxes on Non Core sales). <sup>3</sup> Change in net current assets (working capital) according to cash flow statement (adjusted for special payment effects). <sup>4</sup> Finance lease under IFRS 16 requires full earnings to be accounted for at beginning of 10-year contract period.

# **Accretive Investment Program in Long-term Portfolio**

Acceleration through Tech-supported Investments

FY2024 Update

- Investment program is based on the long-term structural megatrends supply demand imbalance, climate change, and demographic change.
- Attractive operating yield of 6-7% from rent growth and cost savings following completion of the investment.

### **Investment Program (€m)**

Dev to hold / Space creation Modernization

Ramp up supported by accelerated tech investments. Leverage neutral funding: 60% equity & 40% debt funded

~2,000 Substantial reduction as a consequence of focusing on 1,432 cash and capital discipline ~1,200 836 805 2021 2023 2024 2025E 2028E

Optimize Apartment Apartment renovation upon turnover.





Upgrade Buildina

Traditional investment program

Investments in decarbonization (manage to green).







Dev to hold / Space creation

New construction for our own portfolio ("to hold") through green- or brownfield (re)-development, infill construction, and roof extension.







Cost benefits from scaling effects & industrial prefab.

Less dependency on skilled labor. Shorter construction times.



**Energy Cube** heat pump

Standardized compact solution independent of specific building conditions.

Cutting-edge technology.





PV

Ambition of ~400 MWp by 2028 and long-term goal of ~700 MWp (135 MWp today).





Excl. Deutsche

Wohnen

Accelerated tech-suppor

# **Rental Segment**

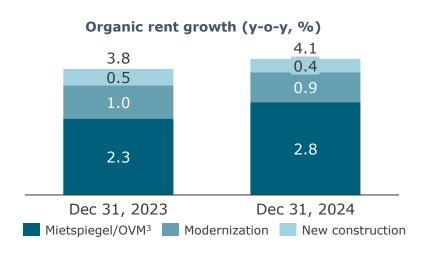
Highly Robust

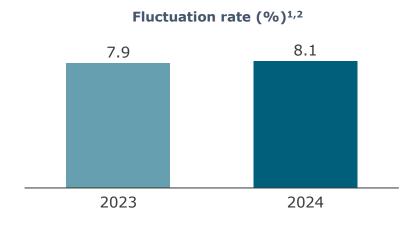
Big Picture

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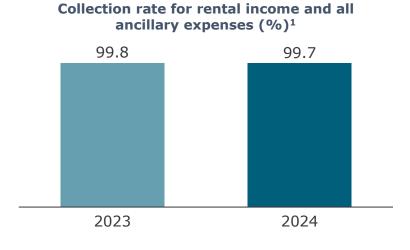
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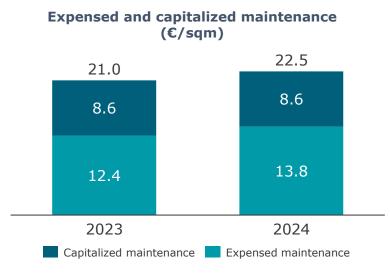
- Accelerating market rent growth but fluctuation remains low.
- Vacancy rate only a function of turnaround time in case of fluctuation.
- Virtually full rent collection.
- More normalized level of maintenance and operating expenses (following very stringent cash focus in 2023).











<sup>1</sup> German portfolio. <sup>2</sup> Fluctuation at IPO was ca. 11%. <sup>3</sup> OVM = local comparable rent

## **Valuation**

## Negative Price Correction Appears to Be Over for Now

Big Picture

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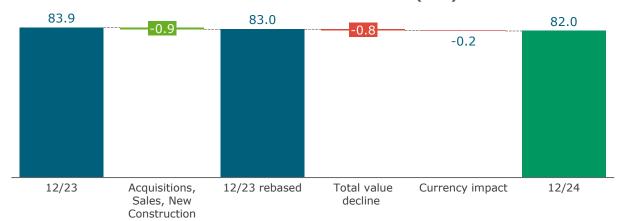
- L-f-l value decline of -0.9% in 2024 (-1.4% in H1 and +0.5% in H2).
- Standing portfolio now valued at 23.2x in-place rent equaling 4.3% on a gross basis.
- Value per sqm of €2,278 (German portfolio) including the land compares<sup>5</sup> to
  - ~€3,360 median purchase price for existing condos;
  - ~€5,400 median purchase price for new constructions.

## Valuation KPIs Dec. 31, 2024 (Standing Portfolio<sup>3</sup>)

		Germany	Sweden	Austria	VNA Total
In-place rent m	ultiple	24.1	17.5 <sup>1</sup>	21.41	23.2
Fair value €/sqr	n	2,278	2,094	1,606	2,230
L-f-l value grow	th <sup>2,4</sup>	-1.3%	+3.3%	0.0%	-0.9%
Fair value €bn³		69.4	6.4	2.7	78.5

# -3.7% -4.2% H2 2022 H1 2023 H2 2023 H1 2024 H2 2024

## Fair value evolution in FY 2024 (€bn)



¹ In-place rents in Austria and Sweden are not fully comparable to Germany, as Sweden includes maintenance and property improvement contributions from tenants. The data above shows the rental level unadjusted to the German definition. ² Local currency. ³ Fair value of the developed land excluding €3.5bn, of which €0.4bn for undeveloped land and inheritable building rights granted, €0.3bn for assets under construction, €1.8bn for development, €0.6bn for nursing portfolio (of which €0.3bn have been sold based on a purchase agreement signed in January 2025), and €0.4bn for other. ⁴ L-f-I calculation of property portfolio excl. undeveloped land etc. ⁵ Value Data Insights (formerly empirica-systeme), Q4 2024. ⁶ Aggregate change from yield shift, performance and investments.



## **Financial KPIs**

## Leverage Well under Control with Organic Deleveraging Going Forward

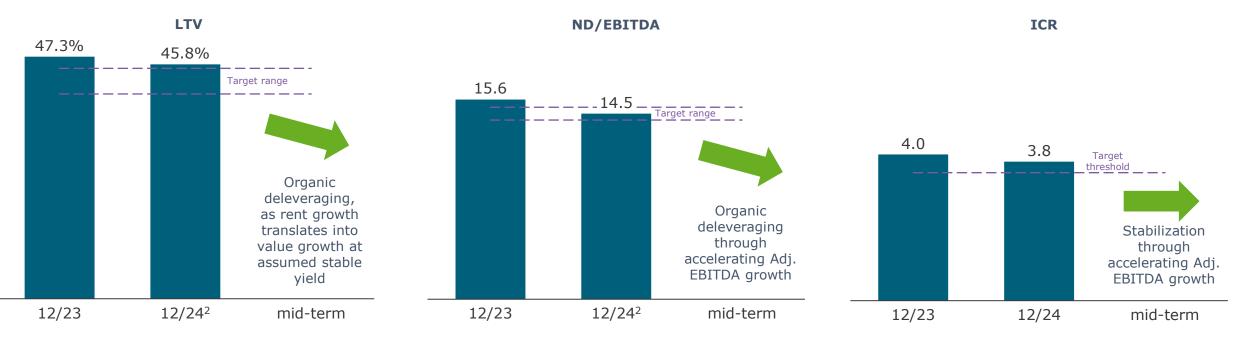
Big Picture

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- Pro forma cash position of €3.8bn¹ covers all near-term maturities.
- Debt KPIs well under control to safeguard good investment grade rating; direction of travel is now the right one for all three debt KPIs.
- Cash generation and internal funding remains a key focus but the prioritization of cash generation over earnings and profitability is over.

	Rating	Outlook	Last update
S&P	BBB+	Stable	Aug. 23, 2024
Moody's	Baa1	Stable	Feb. 11, 2025
Fitch	BBB+	Stable	Feb. 17, 2025
Scope	A-	Negative	Jul. 2, 2024



¹ Consisting of €1.8bn cash on hand (Dec.31, 2024 and including term deposits) plus €2.0bn disposals signed but not yet closed. In addition, Vonovia has €3bn RCF/CP (undrawn). ² Pro forma

# **FY2024 Dividend Proposal**

€1.22 p.s. (+36% y-o-y)

Big Picture

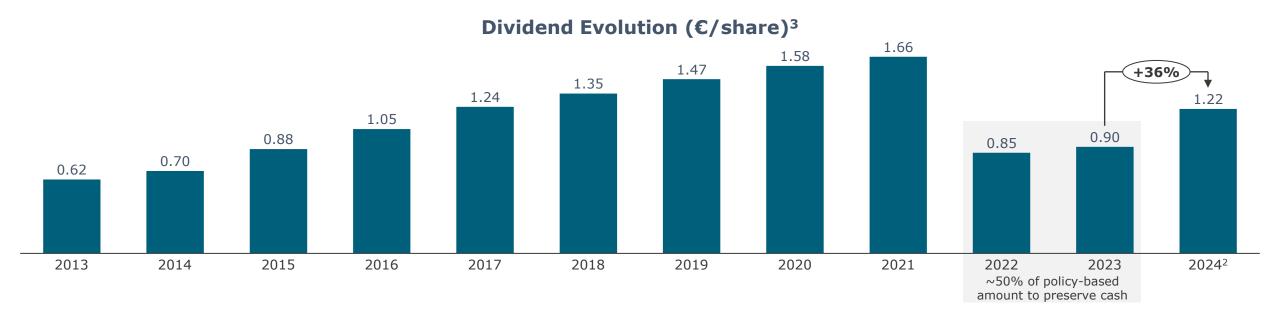
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- Proposal¹ in line with market guidance of ~€1bn dividend capacity.
- €0.12 below strict application of dividend policy. Retained cash will be invested towards increasing investment program in 2025.
- Scrip decision will be made at the time of convening the AGM. Scrip option will remain a year-by-year decision primarily based on (i) share price level vs. NTA and (ii) leverage and cash-flow considerations.

## **Dividend Policy**

50% of Adj. EBT plus surplus liquidity<sup>2</sup> from Operating Free Cash Flow after accounting for the equity contribution to our yielding investment program.



<sup>1</sup> Dividend proposal to the 2025 AGM. <sup>2</sup> Surplus liquidity calculated as the 3-year-average Free Liquidity for Distribution (OFCF minus ~60% equity contribution for the investment program) and minus 50% EBT dividend (assuming all cash and 0% scrip ratio). <sup>3</sup> TERP-adjusted for 2013-2020.



# 2025 Guidance & 2028 Objective Unchanged

				Big H	Picture Update Appendix
	Actu	als <u>2023</u>	<b>Actuals</b> <u>2024</u>	Initial Guidance <u>2025E</u>	Objective <u>2028E</u>
Rental Revenue		€3.253bn	€3.324bn	€3.3bn - €3.4bn	€3.7bn - €3.8bn
Organic rent growth		3.8%	4.1%	~4%	<b>&gt;4%</b> (Higher rent growth driven by higher investment volume)
Adj. EBITDA Total		€2.584bn	€2.625bn	€2.7bn - €2.8bn	€3.2bn - €3.5bn
Rental		93%	91%	n/a	75-80%
Value-add	Contribution to	4%	6%	n/a	9-12%
Recurring Sales	Adj. EBITDA <u>Total</u>	2%	2%	n/a	5-8%
Development		1%	1%	n/a	4-5%
Adj. EBT		€1.866bn which €136m to minorities)	€1.800bn (of which €166m attributable to minorities)	€1.75bn - €1.85bn (of which ~10% attributable to minorities)	Mid-single digit CAGR 2024 – 2028E
Dividend <sup>1</sup>		€0.90	€1.22	50% Adj. EBT plus surplus liq	uidity paid out as dividend
Investments <sup>2</sup>		€804m	€836m	~€1.2bn	~€2bn
Sustainability Performance Index (SPI)		111%	104%	~100%	~100%

1 Dividend per share for the respective financial year. 2024 refers to dividend proposal to the 2025 AGM. 2 Including Upgrade Building, Optimize Apartment, Development to Hold (Space creation). Leverage neutral financing of 60% equity/40% debt. Excluding Development to Sell.

FY2024

# Wrap-up



- Following the inflation-driven interest rate hike in the wake of the war on Ukraine, our residential markets have shown clear signs of stabilization and normalization with values bottoming out and optimism returning to the sector.
- Vonovia's operating business remains rock solid and we are confident in our ability to deliver on the 2025E guidance and the 2028E Adj. EBITDA growth objectives.
- However, new uncertainty has emerged from the planned investments in defense and infrastructure spending by the German government-elect. The ramifications -both positive and negative- are still unclear at this point, and we will carefully monitor the evolving situation.
- The last three years have confirmed that we are well advised to refrain from knee-jerk reactions but to continue to manage the business with a steady hand.
- Contrary to three years ago, we are much better prepared today and can draw from the lessons we learned over the last three years.
- The key priorities are clear: protect our rating, manage our debt KPIs, maintain overall capital discipline, and safeguard the long-term success and growth of our business.

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# Adj. EBITDA Non-rental

## Varying Degrees of Capital Intensity

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- Non-rental initiatives overall are more capital light than the rental business, but some initiatives require more investments than others.
- In light of the recent increase in bund yields, Vonovia will carefully manage each initiative in the context of our prevailing cost of capital.

2028E Objective: €3.2bn-€3.5bn Adj. EBITDA Total (€2.7bn-2.8bn rental¹ and €0.5bn-€0.7bn non-rental)



- The two initiatives with the highest capital intensity are
  - Development: An infrastructure investment plan will include substantial benefits for housing and energy, potentially offsetting negative effects from higher cost of capital.
  - (Potentially) stranded assets: Adj.
     EBITDA contribution is back-end loaded; initial investments could be deferred.

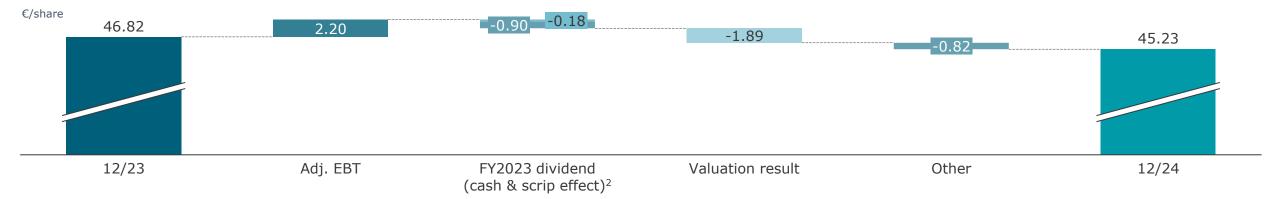


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EPRA NTA (€m) (unless indicated otherwise)	Dec. 31, 2024	Dec. 31, 2023	Delta
Total equity attributable to Vonovia shareholders	23,996.4	25,682.6	-6.6%
Deferred tax in relation to FV gains of investment properties <sup>1</sup>	14,620.2	13,895.3	+5.2%
FV of financial instruments	23.4	-13.4	-
Goodwill as per IFRS balance sheet	-1,391.7	-1,391.7	-
Intangibles as per IFRS balance sheet	-32.7	-32.0	+2.2%
EPRA NTA	37,215.6	38,140.9	-2.4%
NOSH (million)	822.9	814.6	+1.0%
EPRA NTA (€/share)	45.23	46.82	-3.4%

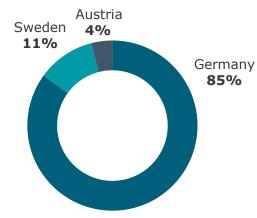


¹ Hold portfolio only. ² Per-share impact based on new number of shares (822.9m) was -€0.90 for cash dividend and -€0.18 for scrip element.

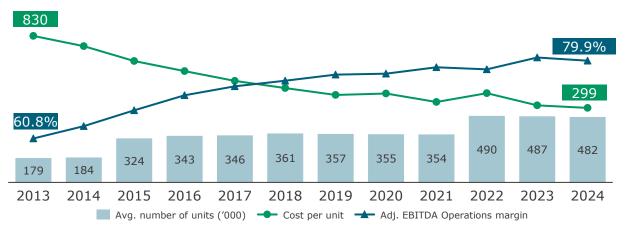
- Increased revenue driven by rental growth on a smaller portfolio.
- Maintenance and operating expenses on a more normalized level (following stringent cash focus in prior year).
- Scale benefits evidenced by cost per unit now <€300.

Rental Segment (€m)	FY 2024	FY 2023	Delta
Rental revenue	3,323.5	3,253.4	+2.2%
Maintenance expenses	-470.5	-426.2	+10.4%
Operating expenses	-467.3	-425.5	+9.8%
Adj. EBITDA Rental <sup>1</sup>	2,385.7	2,401.7	-0.7%

## Rental revenue by geography



## Scale and efficiency gains in Germany<sup>1</sup>



<sup>&</sup>lt;sup>1</sup> Adj. EBITDA Operations margin (Adj. EBITDA Rental + Adj. EBITDA Rental + Adj. EBITDA Value-add – intragroup profits) / Rental revenue. Margin 2019 and beyond includes positive impact from IFRS 16. Cost per unit is defined as (Rental revenue – EBITDA Operations + Maintenance) / average no. of units. 2022 and onwards incl. Deutsche Wohnen.



# Robust Long-term Upward Trajectory for Vonovia's Rent Levels

Increasing Real Market Levels As Supply/Demand Imbalance Trumps Regulation

Big Picture

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Vonovia					Real m	arket <sup>4</sup>	Delta between real market and Vonovia in-place rent				
Regional Market (Dec. 31, 2024)	% of total assets <sup>1</sup>	In-place rent <sup>2</sup>	Reletting re	ent range <sup>3</sup>	Asking re	nt range <sup>5</sup>	0% 50%	100%	150%	200%	
Berlin	30%	7.91	8.72	11.53	15.30	21.19					
Rhine Main Area (Frankfurt, Darmstadt, Wiesbaden)	7%	9.71	10.69	12.52	13.80	16.79					
Southern Ruhr Area (Dortmund, Essen, Bochum)	9%	7.32	8.05	9.65	8.77	10.52					
Rhineland (Cologne, Düsseldorf, Bonn)	7%	8.38	9.02	11.09	11.64	14.11					
Dresden	9%	6.97	7.77	8.46	9.00	11.38					
Hamburg	4%	8.34	8.84	11.49	12.86	15.77					
Hanover	5%	7.66	8.30	10.16	10.16	12.18					
Kiel	5%	7.66	8.09	10.61	10.65	13.04					
Munich	2%	9.82	12.25	14.62	18.30	21.81					
Stuttgart	3%	9.09	9.77	11.67	13.32	15.88					
Northern Ruhr Area (Duisburg, Gelsenkirchen)	5%	6.67	7.08	8.55	7.63	8.91					
Leipzig	3%	6.89	7.05	8.69	8.90	11.24					
Bremen	2%	6.95	7.76	8.63	10.64	12.91					
Westphalia (Münster, Osnabrück)	2%	7.41	8.31	9.35	9.90	11.87					
Freiburg	1%	8.79	9.26	11.79	14.26	17.49			_		
Other Strategic Locations	6%	7.76	8.21	10.00	10.31	12.22			Lowe		
Non-Strategic Locations	0%	7.44	7.90	9.94	10.57	12.38			Uppe	er end	
Total Germany	100%	7.89	8.61	10.57	12.12	15.48					

<sup>&</sup>lt;sup>1</sup> Residential Germany (based on no. of units). <sup>2</sup> Vonovia average in-place rent as of Q4 2024. <sup>3</sup> Lower end of range: reletting rent without invest; upper end of range: reletting rent without invest. <sup>4</sup> Source: Value Marktdatenbank (*formerly empirica-systeme*), Q4 2024. Market data reflects the weighted average for Vonovia's German portfolio. Asking rents excluding furnished apartments and new constructions. <sup>5</sup> Lower end: median (proxy for reletting with invest); upper end: 80% percentile (proxy for reletting with invest).



# **Value-add Segment**

Big Picture

FY2024 Undate

Appendix

- FY 2024 includes €58m from lease agreement on coax network.¹
- VTS Transformation Program underway to optimize operations, reduce complexity and leverage synergies.
- EBITDA growth determined by
  - Yielding portfolio investment and maintenance volume
  - VTS margin (ambition level of up to 10% EBITDA margin)
  - Productivity and efficiency gains

Value-add Segment (€m)	FY 2024	FY 2023	Delta
Revenue Value-add	1,359.4	1,224.7	+11.0%
of which external	197.6	130.9	+37.2%
of which internal	1,179.8	1,093.8	+7.9%
Operating expenses Value-add	-1,191.0	-1,119.2	+6.4%
Adj. EBITDA Value-add	168.4	105.5	+59.6%













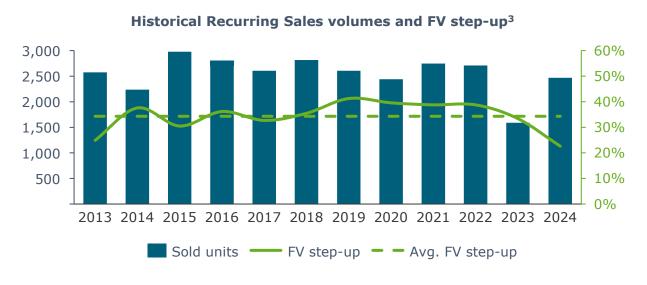
 $<sup>^{</sup>m 1}$  Finance lease under IFRS 16 requires full earnings to be accounted for at beginning of 10-year contract period.

Big Picture

FY2024

Appendix

- Substantial increase in disposal volume.
- 2024 focus was still on cash generation more than profitability, resulting in lower average sales prices and impacting gross margins.
- Continuously increasing demand in the context of housing shortage, interest rate stability and tax advantages.
- Ambition level of 30-35% fair value step-up.



Recurring Sales Segment (€m)	FY 2024	FY 2023	Delta
Units sold	2,470	1,590	+55.3%
Revenue from recurring sales	441.3	319.3	+38.2%
Fair value	-359.8	-239.4	+50.3%
Gross profit	81.5	79.9	+2.0%
Fair value step-up	22.6%	33.4%	-10.8pp
Selling costs	-23.9	-16.5	+44.8%
Adj. EBITDA Recurring Sales	57.6	63.4	-9.1%
Free Cash <sup>1</sup>	400.4	276.1	+45.0%
Cash conversion <sup>2</sup>	91%	86%	+5.0pp

1 Revenue minus selling costs minus taxes. 2 Free cash in relation to revenue. 3 2018 onwards also including Recurring Sales in Austria

# **Development Segment**

Big Picture

FY2024 Undate

Appendix

- 2024 disposal volume more than doubled y-o-y as a result of focus on capital release.
- As a result, gross margin was not the key priority in 2024 and came in lower than the 15-20% expected going forward.
- Project underway to substantially reduce construction costs through
  - Reduced complexity through higher degree of standardization
  - Economies of scale advantage
  - Industrialization of building process through innovative construction methods resulting in shorter lead times and reduced capital commitment period
- Lower construction costs will result in a larger addressable market.



<b>Development Segment (€m)</b>	FY 2024	FY 2023	Delta
Revenue from disposal of to-Sell properties	889.4	348.6	>100%
Cost of Development to Sell	-813.8	-300.9	>100%
Carrying amount of sold Development to Sell assets <sup>1</sup>	-27.8	-	-
Gross profit Development to Sell	47.8	47.7	+0.2%
Gross margin Development	5.4%	13.7%	-8.3pp
Rental revenue Development	7.3	5.1	+43.1%
Operating expenses Development	-41.7	-39.6	+5.3%
Adj. EBITDA Development	13.4	13.2	+1.5%

Completed Development to Sell assets that have seen a valuation change in the context of the fair value measurement of the portfolio. In prior years, this effect would have been shown within Cost of Development to Sell. <sup>2</sup> Strategy on to hold vs. to sell continuously reviewed and subject to change.

# **Development to Sell**

Disciplined Capital Commitment & Increased Profitability through Reducing Costs

**Appendix** 

- Development-to-Sell earnings are shown in Development EBITDA (earnings contributions from Development to Hold are shown in the valuation result and therefore outside Adj. EBITDA).
- 3-4% of total assets committed.
- ~€1bn investment volume p.a. (funded by development disposals).
- Target gross margin of 15-20%.
- Target group includes
  - owner-occupiers
  - retail investors
  - institutional investors.
- "Design to cost" approach. Focus on reduction of construction costs
  - Reduced complexity, higher degree of standardization, and economies of scale.
  - Innovative construction methods result in shorter lead times and reduced capital commitment period.



Optimized planning process



Sustainable materials



Highly efficient production



State-of-the-art digitally equipped buildings



>€20/sqm







Every reduction in construction costs leads to an increase in the addressable market for our product.

# Our Business Is Supported by Structural Megatrends...

Big Picture

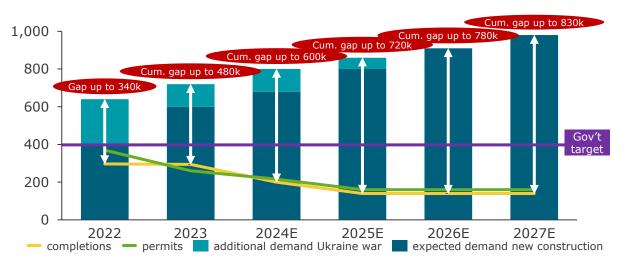
FY2024

Appendix

• However, the new environment and higher interest rate level has accelerated the relevant megatrends around which we have built our business, leading to even stronger fundamentals in the medium- and long-term.

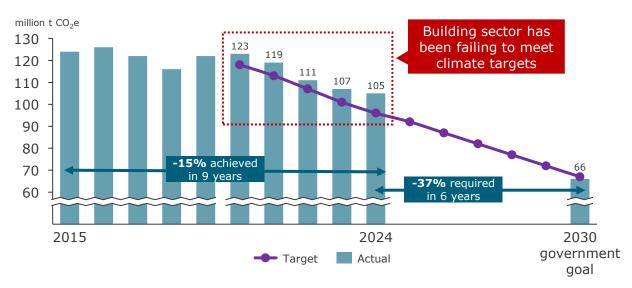
## **Urbanization & Supply/Demand Imbalance**

Expected demand, permits, completions ('000 units)1



## **Climate Change**

Development of green house gas emissions in the building sector (Germany)<sup>2</sup>





# Supply-/ Demand Imbalance

**Climate Change** 

**Demographic Change** 

>€100bn investment volume every year to complete 400k apartments per year.¹

Up to €120bn investment volume every year to decarbonize Germany's housing stock.<sup>2</sup>

Shortage of **2 million apartments** suitable for elderly people.<sup>3</sup>

- A struggling construction industry and an ever-growing supply/demand gap are not a sustainable situation. Required investment volumes are much too high to be delivered by government or through subsidies.
- Any meaningful investment volume will require an investment and regulatory environment that is sufficiently attractive for private funding.

¹ Government target. Investment volume based on assuming 60sqm and €5,000/sqm construction costs. ² GdW (Association of German Housing Companies). ³ IW German Economic Institute.

# **Regional Markets**

## Balanced Exposure to Relevant Growth Regions

Appendix

	Fair value	1				In	-place rent					
Regional Markets (Dec. 31, 2024)	(€bn)	(€/sqm)	Residential units	Vacancy (%)	Total (p.a., €m)	Residential (p.a., €m)³	Residential (€/sqm/ month) <sup>3</sup>	Organic rent growth (y-o-y, %)	Multiple (in-place rent)	Purchase power index (market data) <sup>2</sup>	Market rent increase forecast of Valuation (% p.a.)	Average rent prowth (LTM, %) from Optimize Apartment
Berlin	23,446.4	2,666	142,941	0.7	841	805	7.91	4.4	27.9	87.4	2.3	53.2
Rhine Main Area (Frankfurt, Darmstadt, Wiesbaden)	6,436.5	2,776	35,875	2.1	269	258	9.71	4.4	24.0	100.7	2.2	39.6
Southern Ruhr Area (Dortmund, Essen, Bochum)	5,096.0	1,893	42,891	2.3	234	227	7.32	3.6	21.8	89.0	1.9	32.9
Rhineland (Cologne, Düsseldorf, Bonn)	5,001.7	2,371	31,296	1.8	213	203	8.38	2.7	23.4	100.3	2.1	33.2
Dresden	4,899.8	1,846	43,461	2.1	220	206	6.97	2.7	22.2	87.3	2.0	23.6
Hamburg	3,204.4	2,502	19,992	1.3	128	123	8.34	4.0	25.0	96.1	2.1	41.5
Hanover	2,799.7	1,969	21,975	2.2	130	124	7.66	3.2	21.5	89.3	2.0	36.6
Kiel	2,673.9	1,817	24,954	1.6	134	129	7.66	3.7	19.9	76.5	2.1	41.5
Munich	2,623.7	3,819	10,351	0.9	82	78	9.82	3.3	31.8	119.2	2.3	48.9
Stuttgart	2,215.7	2,625	13,122	1.6	92	89	9.09	2.3	24.2	100.2	2.1	31.9
Northern Ruhr Area (Duisburg, Gelsenkirchen)	1,987.7	1,318	24,222	2.6	120	116	6.67	3.4	16.5	80.6	1.7	30.4
Leipzig	1,928.3	1,907	14,444	2.3	81	76	6.89	5.3	23.8	80.7	2.0	31.3
Bremen	1,399.6	1,928	11,642	2.0	60	58	6.95	4.6	23.2	83.9	2.0	37.6
Westphalia (Münster, Osnabrück)	1,106.1	1,786	9,404	2.5	54	53	7.41	3.5	20.4	90.1	2.1	32.2
Freiburg	730.3	2,716	3,845	0.5	29	28	8.79	3.1	25.4	86.6	2.1	35.4
Other Strategic Locations	3,270.5	1,895	26,867	3.3	157	153	7.76	4.0	20.8		2.0	33.7
Total Strategic Locations	68,820.3	2,284	477,282	1.7	2,846	2,727	7.89	3.8	24.2		2.1	39.1
Non-Strategic Locations	610.8	1,749	2,392	5.6	41	14	7.44	2.9	15.0		2.0	35.7
Total Germany	69,431.1	2,278	479,674	1.7	2,886	2,741	7.89	3.8	24.1		2.1	39.1
Vonovia Sweden	6,418.2	2,094	39,641	4.1	366	340	10.48	6.3	17.5		2.1	n/a
Vonovia Austria	2,671.4	1,606	20,438	4.3	125	99	5.71	4.2	21.4		1.7	n/a
Total	78,520.7	2,230	539,753	2.0	3,377	3,180	8.01	4.1	23.2		2.1	n/a

<sup>&</sup>lt;sup>1</sup> Fair value of the developed land excluding €3.5bn, of which €0.4bn for undeveloped land and inheritable building rights granted, €0.3bn for assets under construction, €1.8bn for development, €0.6bn for nursing portfolio (Discontinued Operations) and €0.4bn for other.

Source: GfK (2025). Data refers to the specific cities indicated in the table, weighted by the number of households where applicable. Based on the country-specific definition. In-place rents in Austria and Sweden are not fully comparable to Germany, as Sweden includes ancillary costs and Austria

includes maintenance and property improvement contributions from tenants. The table above shows the rental level unadjusted to the German definition.



	De	ec. 31, 2024	Resi units	In-place rent (€m, p.a.)¹	In-place rent (€/sqm)¹	Vacancy rate	Fair value (€bn)	Fair value (€/sqm)	Gross yield	
ults	Strategic	Urban quarters & clusters (Germany)	441,664	2,622	7.92	1.5	63.8	2,309	4.1%	
ment Resi	Stra	Sweden	39,641	366	10.48	4.1	6.4	2,094	5.7%	
<u>Included</u> in Segment Results	ng Sales	Germany	24,465	158	7.76	2.7	4.0	2,306	4.0%	
Inc	Recurring	Austria	20,438	125	5.71	4.3	2.7	1,606	4.7%	
										,
Disposals <u>not</u> included in Segment Results	Additional Disposals	Non Core	13,545	107	6.97	4.9	1.6	1,456	6.5%	
		Total	539,753	3,377	8.01	2.0	78.5	2,230	4.3%	

- German portfolio comprises of strategic assets in 15 urban growth regions that are held in larger urban quarters ( $\sim$  3/4) and smaller urban clusters ( $\sim$  1/4).
- Swedish Properties are located in Sweden's three large urban areas Stockholm, Gothenburg, and Malmö.
- EBITDA sales contribution is shown in Recurring Sales Segment.
- Single-unit disposals to owner-occupiers and retail investors.
- Disposal of what were (potentially) stranded assets in line with strategic initiative to acquire, modernize and sell.
- Outside of Core Business Segments and included in Other Income.
- Non-core: non-strategic residential and commercial properties plus remaining nursing assets.

<sup>&</sup>lt;sup>1</sup> Based on the country-specific definition. In-place rents in Austria and Sweden are not fully comparable to Germany, as Sweden includes ancillary costs, and Austria includes maintenance and property improvement contributions from tenants. The table above shows the rental level unadjusted to the German definition.



# Reconciliation Adj. EBITDA to Adj. EBT to OFCF

Big Picture

FY2024

Appendix

Adj. EBITDA, Adj. EBT, and OFCF are based on the four business segments and exclude any disposal proceeds outside Recurring Sales & Development.

€m			2024	2023	2022
	Adj. EBITDA Total		2,625	2,584	2,606
-	Adj. net financial result		-709	-625	-486
-	Depreciation		-113	-110	-128
+/-	Intragroup profit (-) / loss (+)	50% paid as	4	18	5
	Adj. (EBT)	base dividend	1,800	1,866	1,997
+	Depreciation		113	110	128
-	Capitalized maintenance		-294	-296	-413
-	Cash taxes		-236	-124	-134
+	Book value of sold investment properties		388	239	392
+/-	Development to Sell   Net working capital		274	-340	-107
-	Dividends paid to JV minorities & other		-144	-41	-42
=	Operating Free Cash Flow (OFCF)		1,901	1,415	1,821
-	Ca. 60% equity contribution for investment program		-502	-483	-839
-	Free liquidity available for distribution	Г	1,399	932	982
=	Average over 3 years	L	3yr-avg. 1,104		
-	50% EBT dividend (assuming all cash and 0% scrip ratio)		-900		21.22 p.s., in line with 1bn dividend capacity.
=	Surplus liquidity from recurring operations		204		e reinvested in 2025.

# **Yield Dispersion between Reported and Implied Numbers**

Big Picture

FY202

Appendix

	Based on P&L and balance sheet (FY2024)	Based on share price (mid March €26)
Gross rental yield	<b>4.2%</b> Rental income / FV	<b>5.4%</b> Rental income / implied EV <sup>1</sup>
Net rental yield	<b>3.4%</b> Gross yield * 80% margin	4.3% Gross yield * 80% margin
Adj. EBITDA yield	<b>3.3%</b> Adj. EBITDA Total / FV	<b>4.2%</b> Adj. EBITDA Total / implied EV <sup>1</sup>
Adj. EBT Yield	<b>4.8%</b> Adj. EBT / EPRA NTA	<b>8.4%</b> Adj. EBT / market cap
Dividend Yield	<b>2.7%</b> FY2024 dividend proposal / EPRA NTA	<b>4.7%</b> FY2024 dividend proposal / share price
TSR	<b>10.7%</b> (Dividend + organic value growth) <sup>2</sup> / NTA	<b>18.7%</b> (Dividend + organic value growth) <sup>2</sup> / market cap
FV (€/sqm)	<b>2,230</b> Fair value / sqm	<b>1,764</b> Implied EV <sup>1</sup> / sqm

¹EV = enterprise value (calculated as net debt plus market cap). ² Calculated as €1bn dividend payout plus ~€3bn organic value growth (from rental growth; assuming market yields are stable).

# **Evolving the Capital Allocation Focus - Key Priorities for Vonovia**

Big Picture

FY2024

Appendix

# **Strategic Priorities**

# **Financial Strength**

Ratings, Covenants & Liquidity

Preserving a robust capital structure



## **Growth**

Rental & Non-Rental Growth

Acceleration through organic growth initiatives

# Capital Allocation

Shareholder Value Creation

Investment Program

- General preference for allocating capital to highest-yielding measure.
- Investment to address the megatrends driving the sector.
- Drives organic earnings and value growth.

- Dividend
- Progressive dividend policy.
- 50% Adj. EBT plus surplus liquidity paid out as dividend.
- Potential for opportunistic share buybacks.

A&M

- Disciplined and opportunity-driven approach.
- Must deliver returns in excess of cost of capital on a risk-adjusted basis.
- Impeccable track record of execution.

**Value Accretion** 



**Cash Generation** 

# **Commitment to Sustainability**

Science-based Decarbonization Roadmap with Measurable Interim Targets

Big Picture

FY2024

Appendix

- Accelerated decarbonization with Net Zero target by 2045.
- Following CRREM MFH 1.5 degree pathway.
- Including Scope 1, 2 and 3.3.
- According to SBTi, Vonovia's climate targets until 2030 are in line with the 1.5-degree target of the Paris Climate Agreement.

## Carbon intensity<sup>1</sup> in kg CO<sub>2</sub>e/sqm per year

#### 38.4 7.0 Fuel Energy Switch efficiency 25 District heating 17.0 decarbonization Fuel 20 Energy Switch efficiency 15 SCIENCE BASED District heating 10 decarbonization TARGETS <5 DRIVING AMBITIOUS CORPORATE CLIMATE ACTION 0 Carbon removal Net zero 2021 2030 2045

#### The 3 levers of our climate path

Fuel Switch

Replace conventional heating with hybrid systems and heat pumps.

PV on all suitable roofs.

Own local heating networks in Urban Quarters powered with renewable energy.

Transformation of the energy sector towards

carbon-free district heating and green electricity.

<sup>1</sup> Includes Scope 1&2 and Scope 3.3 "Fuel and energy-related emissions from the upstream chain"; based on building stock in Germany. <sup>2</sup> According to the KNDE 2045 scenario of the Agora energy transition, "Carbon removal:" natural and technological binding and long-term storage. Please find more information concerning our Decarbonization Roadmap: https://report.vonovia.com/2024/q4/en/e1-1-transition-plan-for-climate-change-mitigation

decarbonization<sup>2</sup>



# **Sustainability Performance Index (SPI)**

## Measurable Targets for Non-financial KPIs

Bia Picture

FY2024

Appendix

- The SPI is the leading quantitative, nonfinancial metric to measure sustainability performance in the most relevant areas (based on materiality matrix).
- SPI reporting is audited by our statutory auditor (limited assurance).
- The SPI has a material weight in the long-term incentive plan for the management board as well as for the leadership group below.
- Initial annual target always set at 100% on the basis of the individual categories;
   i.e. to achieve the target of 100%, all six individual targets must be fully achieved.

	SPI	Scope	Weighting	2023 Actuals	2024 Actuals	Targets 2030
1	CO <sub>2</sub> intensity in the housing stock (German portfolio) <sup>1</sup> kg CO <sub>2</sub> e/sqm/p.a.	Vonovia Germany	35%	31.7	31.2	<25
2	Average primary energy consumption of new buildings <sup>2</sup> kWh/sqm/p.a.	Vonovia	10%	25.3	22.0	<25
3	Proportion of accessible (partially) modernized newly rented apartments	Vonovia Germany	10%	17.5%	29.5%	~27%
4	Customer satisfaction	Vonovia Germany	20%	72.4%	75.2%	>73%
5	Employee satisfaction	Vonovia	15%	78%	79%	≥77%
6	Proportion of women in management positions <sup>3</sup>	Vonovia	10%	24.2%	25.8%	≥30%
				111%	104%	100% p.a.

<sup>1</sup> Scope 1, 2 (market based) and 3.3. <sup>2</sup> Excluding pure commercial projects and floor additions. <sup>3</sup> First and second level below top management

# **Recognition of ESG Performance**

ESG Ratings and Indices

EPRA

2019

**sBPR** 

EPRA

**sBPR** 

2018

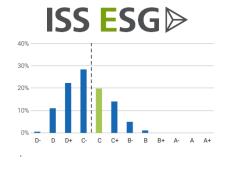
CCC

19,2 **INDUSTRY** TOP RATED 6.0 7.6 SUSTAINALYTICS 2020 2023 2019 2021 **GLOBAL 50** TOP RATED ( 2018 2019 2020 2021 2022 2023 **ESG Indices** Vonovia is included in various leading ESG indices such as: **DAX 50 ESG** 

## **ESG Ratings**







BB

BBB



**EURO STOXX ESG Leaders 50** 

**Dow Jones Best-in-Class Indices** 

**STOXX Global ESG Leaders** 

Note: No GRESB participation since 2021 due to methodological rating challenges for large residential portfolios. Participation in the Public Disclosure since 2021 with an A rating.

Appendix

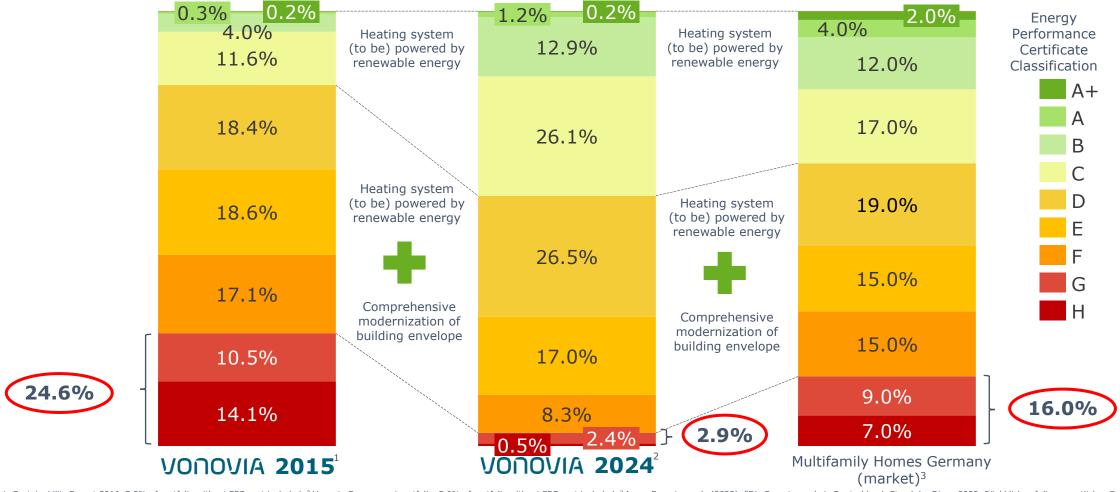
# **Energy Efficiency Classes**

Substantial Progress since IPO Puts Vonovia Ahead of the Market

Big Picture

FY2024 Update

Appendix



<sup>&</sup>lt;sup>1</sup> Vonovia Sustainability Report 2016. 5.3% of portfolio without EPCs not included. <sup>2</sup> Vonovia German resi portfolio without EPCs not included. <sup>3</sup> Agora Energiewende (2023): "Die Energiewende in Deutschland: Stand der Dinge 2022. Rückblick auf die wesentlichen Entwicklungen sowie Ausblick auf 2023."

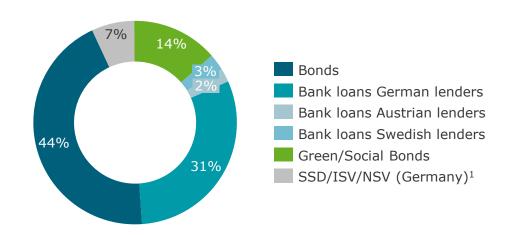
## **Debt Structure**

## Well-balanced and Long-term Maturity Profile with Diverse Funding Mix

Big Picture

FY2024

Appendix



KPI / criteria	Dec. 31, 2024	Sep. 30, 2024	Dec. 31, 2023	Target range
LTV	45.8% <sup>2</sup>	47.9%	47.3%	40-45%
ND / EBITDA multiple	14.5x <sup>2</sup>	15.7x	15.6x	14-15x
ICR	3.8x	3.7x	4.0x	≥ 3.5x
Fixed/hedged debt ratio	98%	98%	98%	
Average cost of debt	1.9%	1.9%	1.7%	
Weighted average maturity (years)	6.3	6.4	6.9	
Average fair market value of debt	93%	92%	89%	



Rating Agency	Rating	Outlook	Last update
S&P	BBB+	Stable	Aug. 23, 2024
Moody's	Baa1	Stable	Feb. 11, 2025
Fitch	BBB+	Stable	Feb. 17, 2025
Scope	A-	Negative	Jul. 2, 2024

<sup>1</sup> SSD = Schuldscheindarlehen (promissory notes), ISV = Inhaberschuldverschreibungen (bearer bonds), NSV = Namensschuldverschreibungen (registered bonds). <sup>2</sup> Pro forma.

# **Bonds & Ratings**

									Big Picture	Update	Appendix
ISIN	Amount	Issue price	Current Price <sup>2</sup>	Yield <sup>2</sup>	Coupon	Final Maturity Date	Fitch	Moodys	Scope	S&P	
DE000A1ZY989	EUR 485.4m	98.455%	99.74%	3.58%	1.500%	31. Mar 25	BBB+	Baa1	A-	BBB+	
DE000A289NE4	EUR 589.7m	98.910%	99.61%	2.93%	1.000%	30. Apr 25	NR	Baa1	NR	BBB+	
DE000A2RWZZ6	EUR 429.2m	99.836%	99.60%	2.87%	1.800%	29. Jun 25	BBB+	Baa1	A-	BBB+	
DE000A19NS93	EUR 429.8m	99.386%	99.12%	2.69%	1.125%	08. Sep 25	BBB+	Baa1	A-	BBB+	
DE000A3MP4T1	EUR 1,250.0m	99.724%	97.84%	2.78%	0.000%	01. Dec 25	BBB+	Baa1	A-	BBB+	
DE000A3MQS56	EUR 610.5m	99.454%	98.72%	2.76%	1.375%	28. Jan 26	BBB+	Baa1	A-	BBB+	
DE000A19X8A4	EUR 652.0m <sup>1</sup>	99.188%	98.56%	2.85%	1.500%	22. Mar 26	BBB+	Baa1	A-	BBB+	
DE000A182VT2	EUR 444.2m	99.165%	98.30%	2.83%	1.500%	10. Jun 26	BBB+	Baa1	A-	BBB+	
XS2845221410	SEK 750.0m	100.000%	100.42%	3.31%	3ms+130bps	19. Jun 26	BBB+	NR	NR	NR	
DE000A28ZQP7	EUR 673.0m	99.684%	97.21%	2.69%	0.625%	09. Jul 26	BBB+	Baa1	A-	BBB+	
DE000A19B8E2	EUR 500.0m	99.266%	98.30%	2.66%	1.750%	25. Jan 27	BBB+	Baa1	A-	BBB+	
XS2368364449	SEK 750.0m	100.000%	100.56%	3.43%	3mS+140bps	08. Apr 27	BBB+	Baa1	A-	BBB+	
DE000A30VQA4	EUR 750.0m	99.853%	103.91%	2.88%	4.750%	23. May 27	BBB+	Baa1	A-	BBB+	
DE000A3E5MG8	EUR 1,000.0m	99.947%	94.42%	2.88%	0.375%	16. Jun 27	BBB+	Baa1	A-	BBB+	
DE000A2R8ND3	EUR 500.0m	98.941%	94.26%	2.91%	0.625%	07. Oct 27	BBB+	Baa1	A-	BBB+	
DE000A19UR79	EUR 491.5m	99.439%	96.08%	2.92%	1.500%	14. Jan 28	BBB+	Baa1	A-	BBB+	
DE000A3MQS64	EUR 715.2m	99.108%	96.72%	2.91%	1.875%	28. Jun 28	BBB+	Baa1	A-	BBB+	
DE000A3MP4U9	EUR 1,233.4m	99.200%	90.88%	3.00%	0.250%	01. Sep 28	BBB+	Baa1	A-	BBB+	
XS2908689636	SEK 500.0m	100.000%	100.69%	3.53%	3ms+142bps	26. Sep 28	NR	NR	NR	NR	
CH1321481546	CHF 150.0m	100.000%	105.09%	1.23%	2.565%	14. Feb 29	BBB+	Baa1	A-	BBB+	
DE000A2R7JD3	EUR 500.0m	98.965%	89.32%	3.03%	0.500%	14. Sep 29	BBB+	Baa1	A-	BBB+	
DE000A3E5MH6	EUR 999.0m	99.605%	88.68%	3.19%	0.625%	14. Dec 29	BBB+	Baa1	A-	BBB+	
DE000A19X8B2	EUR 495.6m	98.967%	94.91%	3.22%	2.125%	22. Mar 30	BBB+	Baa1	A-	BBB+	
DE000A28VQD2	EUR 479.7m	98.908%	95.15%	3.29%	2.250%	07. Apr 30	BBB+	Baa1	A-	BBB+	
DE000A289NF1	EUR 587.3m	98.211%	92.28%	3.13%	1.500%	30. Apr 30	NR	Baa1	NR	BBB+	
DE000A28ZQQ5	EUR 704.1m	99.189%	89.17%	3.22%	1.000%	09. Jul 30	BBB+	Baa1	A-	BBB+	
DE000A30VQB2	EUR 750.0m	99.645%	108.38%	3.32%	5.000%	23. Nov 30	BBB+	Baa1	A-	BBB+	
DE000A3E5FR9	EUR 600.0m	99.759%	84.82%	3.42%	0.625%	24. Mar 31	BBB+	Baa1	A-	BBB+	
DE000A3H25P4	EUR 318.3m	98.600%	85.57%	3.12%	0.500%	07. Apr 31	NR	NR	NR	BBB+	
CH1357852800	CHF 235.0m	100.146%	103.61%	1.41%	2.000%	26. Aug 31	BBB+	Baa1	A-	NR	
DE000A3MQS72	EUR 786.9m	99.003%	93.37%	3.44%	2.375%	25. Mar 32	BBB+	Baa1	A-	BBB+	
DE000A3MP4V7	EUR 1,169.1m	99.455%	82.06%	3.49%	0.750%	01. Sep 32	BBB+	Baa1	A-	BBB+	
DE000A3E5MJ2	EUR 964.0m	99.450%	80.51%	3.77%	1.000%	16. Jun 33	BBB+	Baa1	A-	BBB+	
DE000A3829J7	EUR 850.0m	98.981%	103.42%	3.79%	4.250%	10. Apr 34	BBB+	Baa1	A-	BBB+	
DE000A2R7JE1	EUR 500.0m	99.822%	78.54%	3.84%	1.125%	14. Sep 34	BBB+	Baa1	A-	BBB+	
XS2749469115	GBP 400.0m	98.739%	97.15%	5.78%	5.500%	18. Jan 36	BBB+	Baa1	A-	BBB+	
DE000A19X8C0	EUR 500.0m	97.896%	87.33%	4.01%	2.750%	22. Mar 38	BBB+	Baa1	A-	BBB+	
DE000A2R8NE1	EUR 500.0m	98.105%	72.76%	4.14%	1.625%	07. Oct 39	BBB+	Baa1	A-	BBB+	
DE000A287179	EUR 500.0m	99.355%	63.79%	4.15%	1.000%	28. Jan 41	BBB+	Baa1	A-	BBB+	
DE000A3H25Q2	EUR 265.4m	97.838%	70.39%	3.79%	1.300%	07. Apr 41	NR	NR	NR	BBB+	
DE000A3E5MK0	EUR 500.0m	99.078%	68.31%	4.23%	1.500%	14. Jun 41	BBB+	Baa1	A-	BBB+	
DE000A3MP4W5	EUR 750.0m	97.903%	59.93%	4.14%	1.625%	01. Sep 51	BBB+	Baa1	A-	BBB+	

Overview includes publicly traded bonds of Vonovia and Deutsche Wohnen (DW) (excl. Private Placements, Namensschuldverschreibungen (registered bonds) and Schuldscheindarlehen (promissory notes)). <sup>1</sup> Incl. Tab Bond EUR 200m, Issue date 06 Feb 2020. <sup>2</sup> As of end of 12 February 2025. Green Bond. Social Bond.



# **Bond Covenants**

Big Picture

FY2024 Undate

Appendix

Bond covenants	Required level		Current level (Dec. 31, 2024)		
LTV (Total financial debt / total assets)	<60%	42.7bn 90.2bn	<b>→</b> 47.3%		
Secured LTV (Secured debt / total assets)	<45%	13.2bn 90.2bn	<b>→</b> 14.6%		
ICR (LTM Adj. EBITDA / LTM net cash interest)	>1.8x	2,625m 693m	→ 3.8x		
Unencumbered assets (Unencumbered assets / unsecured debt)	>125%	46.8bn 29.4bn	<b>→</b> 159%		

# **Residential Market Fundamentals (Germany)**

Household Sizes and Ownership Structure

Big Picture

FY2024 Undate

Appendix

## **Growing number of smaller households**

- While the magnitude of the overall population in Germany varies between different scenarios, the number of households is forecast to grow until at least 2035 with a clear trend towards smaller households.
- The household growth is driven by various demographic and social trends including divorce rates, employment mobility etc.

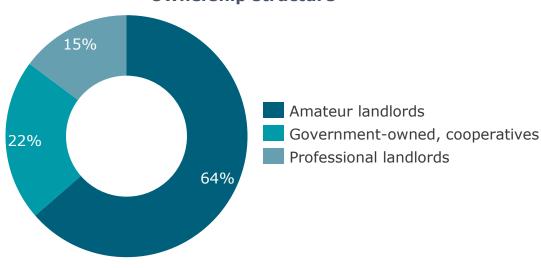
## Fragmented ownership structure

- Germany is the largest housing market in Europe with ~43m housing units, of which ~25m are rental units.
- Ownership structure is highly fragmented and majority of owners are non-professional landlords.

## **Distribution of household sizes (million)**



## **Ownership structure**



Sources: German Federal Statistics Office, GdW (German Association of Professional Homeowners). 2035E household numbers are based on trend scenario of the German Federal Statistics Office

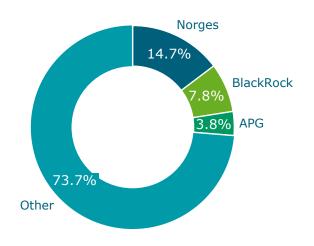
## **Vonovia Shares**

## Basic Data and NOSH Evolution

Big Picture

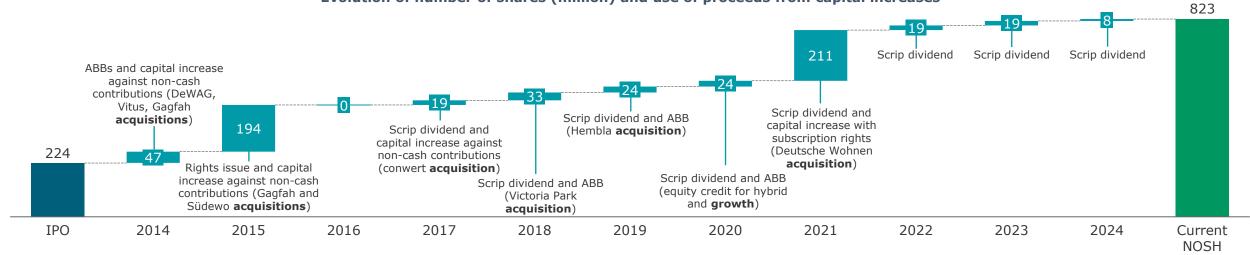
FY2024 Update

Appendix



First day of trading	July 11, 2013
No. of shares outstanding	822.9 million
Free float	85.3%
ISIN	DE000A1ML7J1
Ticker symbol	VNA
Share class	Registered shares with no par value
Main listing	Frankfurt Stock Exchange
Market segment	Regulated Market, Prime Standard
Major indices	DAX 40, GPR 250 World, FTSE EPRA/NAREIT Europe, DAX 50 ESG, STOXX Global ESG Leaders, EURO STOXX ESG Leaders 50, Dow Jones Best-in-Class Indices

## **Evolution of number of shares (million) and use of proceeds from capital increases**



Data as of March 17, 2025.

# **IR Contact & Financial Calendar**

https://www.vonovia.com/en/investors

Appendix

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#### Financial Calendar 2025

Nov 05	Interim results 9M 2025
Aug 06	Interim results 6M 2025
June 25	BNP Paribas Real Estate Conference, London
June 12	Goldman Sachs 29th Annual European Financials Conference, Berlin
June 11	Morgan Stanley European Real Estate Capital Markets Conference, London
June 03	Nareit REITweek, New York
June 03	BNP Paribas Exane CEO Conference, Paris
May 28	Annual General Meeting
May 22	Kempen European Real Estate Seminar, Amsterdam
May 21	DB Issuer and Investor Bond Forum, London
May 20-22	Berenberg Conference, New York
May 14	UBS Best of Europe Virtual 1:1, virtual
May 07	Interim results 3M 2025
Apr 10	FY2024 Roadshow, Hamburg (IR)
Apr 02-03	FY2024 Roadshow, North America
Apr 01	Kempen Real Estate Seminar, New York
March 31	FY2024 Roadshow, North America
March 27	FY2024 Roadshow, Frankfurt
March 27	FY2024 Roadshow, Brussels (IR)
March 26	FY2024 Roadshow, Geneva (IR)
March 25	Solventis Aktienforum, Frankfurt (IR)
March 25	FY2024 Roadshow, Paris
March 24	FY2024 Roadshow, Zurich
March 21	FY2024 Roadshow, London
March 20	BofA EMEA Real Estate CEO Conference, London

Dates are subject to change. The most up-to-date financial calendar is always available online.



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Per share numbers for 2013-2014 are TERP adjusted (TERP factor: 1.051). Subscription rights offering in 2015 due to Südewo acquisition.

Per share numbers for 2013-2020 are TERP adjusted (TERP factor: 1.067). Subscription rights offering in 2021 due to Deutsche Wohnen acquisition.

