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Vonovia At A Glance

1. Vonovia At A Glance

. Business Update

Largest listed European residential real estate company with more than 400k apartments.

- **Value creation across the full residential real estate life cycle** of our assets.
- Bread-and-butter business in German residential market with strong track record of optimization, standardization and industrialization via organic and acquisition growth.
- Industrialized approach leverages economies of scale in a highly homogeneous asset class.
- **B-to-C** business with ca. 13 years average tenant tenure.
- Strong internal growth profile via sustainable market rent growth, additional rent growth from portfolio investments and dynamic value-add business.
- Robust business model delivers highly stable and growing cash flows (Funds from Operations, "Group FFO ").







Austria

(mostly

Vienna)





4. Appendix

Sweden (Stockholm,

Gothenburg,

Malmö)

4%

4+1 Strategy Has Evolved into 4+2 Strategy





* Historic range. - CAGK since 2013 fair value upint through performance and investments (excluding yield co



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Highlights

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Operations (excl. Buwog)	 Organic rent growth of 4.1 % y- Operating expenses reduced by conwert included for the first 6 mor Adj. EBITDA Operations margin 	9.4% as a result of eliminating the other sectors of 2017 as well as continued ended	fficiency gains.
FFO1 (excl. Buwog)	 > FFO1 of €778.2m (+12.7% y-o-vector) excl. perpetual hybrid interest and the excl. perpetual hybrid interest an	minorities) eriod NOSH	e to VNA shareholders (i.e.
Valuation	 Adj. NAV per share of €40.47 as Value growth of €2.7 - €3.0bn (or in ~13% value growth for the full) Adj. NAV guidance of ~€45 per state 	6.6% - 7.3%) estimated for H2 Ill year 2018.	
Guidance 2018	 > 2018 Guidance confirmed. > DPS of €1.44 to be proposed to th 	e Annual General Meeting in May 2	019.
Guidance 2019 and new Performance KPIs from 2019 onwards	 Vonovia generates earnings across Development and going forward will Group FFO. Earnings distribution capacity is 2019. 	l report Adj. EBITDAs for each segr	ment plus Total EBITDA, and

KPI Growth in spite of Smaller Portfolio and Higher NOSH

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- > Rental income slightly up 3.1% on an almost 2% smaller but higher quality portfolio.
- > Adjusted EBITDA Operations up 5.9% because of substantially lower operating expenses and higher contribution from the Value-add Business.
- As a result, and supported by lower interest expenses, FFO1 grew by 12.7% (5.6% per share due to the 6.8% increase in NOSH from the May ABB and scrip dividend).

		9M 2018	9M 2017	Delta
Average number of residential sqm	`000	21,793	22,134	-1.5%
Average number of residential units	#	347,770	354,095	-1.8%
Organic rent growth (y-o-y)	%	4.1	3.9	+20 bps
In-place rent (eop)	€/month/sqm	6.45	6.19	+4.2%
Vacancy rate (eop)	%	2.7	2.9	-20 bps
Rental income	€m	1,287.6	1,249.4	+3.1% +€38.2m
Maintenance expenses	€m	-202.2	-192.2	+5.2%
Operating expenses	€m	-173.4	-191.3	-9.4%
Adj. EBITDA Rental	€m	912.0	865.9	+5.3% +€46.1m
Adj. EBITDA Value-add Business	€m	90.7	76.0	+19.3%
Adj. EBITDA Operations	Em	976.2	922.1	+5.9%) +€54.1m
interest expense FFO1	€m	-189.2	-216.5	-12.6%
Current income taxes FFO1	€m	-8.8	-15.1	-41.7%
FF01	€m	778.2	690.5	+12.7% +€87.7m
FO1 per share (eop NOSH)	€	1.50	1.42	+5.6%
FO1 per share (avg. NOSH)	€	1.55	1.46	+6.4%

Excluding Buwog and Victoria Park

Rent Growth Drivers

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Rent growth drivers				Positive rent	growth tr	rajectory	(Germai	ny only)			
(last 12M)	9M 2018	9M 2017	Delta		2013	2014	2015	2016	2017	2018E	2019E
				Market driven	1.6%	1.6%	1.7%	1.5%	1.6%	-	-
Sitting tenants (<i>incl.</i> subsidized rents)	1.1%	1.2%	-10bps	Modernization	0.4%	0.9%	1.2%	1.8%	2.5%	-	
				Space creation					0.1%		
New lettings (with no material investment)	0.4%	0.5%	-10bps	Organic rent growth	1.9%	2.5%	2.9%	3.3%	4.2%	~4.4%	~4.5%
Subtotal market- driven rent growth	1.5%	1.7%	-20bps								
Modernization (including new lettings with investments → Optimize Apartments)	2.5%	2.1%	+40bps	Investment t	rack reco	rd (€m)					
Subtotal I-f-I rent growth	4.0%	3.8%	+20bps	New Construction Upgrade Buildin Optimize Apartn	gs	orhood Develop	pment)			1	,300 ,600
Space creation	0.1%	0.1%				347	472	778	~1,00		
				71	172						

Outlook FY2018 valuation NONOVIA 2. Business Update Value growth drivers (€m) Commentary 4,450 - 4,750 > Vonovia stand-alone FY2018 value growth 350-380 (H2) 4,229 estimated to be €4,125m – €4,375m (+13% y-o-y ~510 (H2) (mid-point)). 695 FY ~855 347 (H1) > An additional contribution of €350m to €380m estimated to come from Buwog and Victoria Park in H2 2018. > Combined total value growth for 2018 estimated to be 1,850 - 2,100 between €4,450m and €4,750m. (H2) > Excluding the impact from investments, the absolute 3,534 FY2018 3,250 - 3,550 value uplift from performance and yield compression (YC) for Vonovia stand-alone is expected to be in the 1,418 same magnitude as 2017. (H1) > In relative terms, because of the larger underlying 2017 2018E portfolio basis, the value uplift from performance and YC Buwog + Victoria Park is expected to be 10-11% for 2018 and therefore Investments slightly lower than in 2017 (11.9%). Performance + YC

Increasingly Diverse Value-add Business with Growing Contribution

Concept

- > Insourcing of services to ensure maximum process management and cost control.
- Expansion of core business to generate additional revenues by walking back the value chain and offering services that were previously provided by third parties (internalization of margin).
- > Two types of Value-add Business

1.Internal savings (craftsmen) → ca. 75%

2.External income (e.g. multimedia, smart metering) → ca. 25%

Value-add and NAV

- > NAV does not account for Vonovia's Value-add Business.
- > Applying the impairment test WACC¹ to the 2019E Adj. EBITDA Value-add Business translates into an additional value of ~€5.80 per share (~14% on top of 9M Adj. NAV).

NONOVIA

2018(E)

~€120m



¹ Pre-tax WACC of 4.68% as per Dec. 31, 2017.

LTV Remains in Comfort Zone

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- > LTV as of September 30, 2018 was 45.1%.
- Against the background of the stable cash flows and the strong fundamentals in our portfolio locations we see continued upside potential for our property values, and we do not see material long-term downside risks.
- > We therefore continue to believe that the LTV target range of 40% 45% is adequate for our low risk portfolio, and we feel comfortable with this range.
- Based on our internal projections we estimate the year-end LTV to be below 44% and the Debt/EBITDA multiple¹ below 12x.

€m (unless indicated otherwise)	Sep 30, 2018	Jun 30, 2018	Mar 31, 2018	Dec 31, 2017
Non-derivative financial liabilities	20,053.2	19,774.6	18,887.0	14,060.5
Foreign exchange rate effects	-31.5	-29.6	-17.8	-23.5
Cash and cash equivalents	-507.3	-865.8	-829.3	-266.2
Net debt	19,514.4	18,879.2	18,039.9	13,770.8
Sales receivables	-273.2	-239.8	-232.4	-201.2
Adj. net debt	19,241.2	18,639.4	17,807.5	13,569.6
Fair value of real estate portfolio	41,948.6	41,732.3	38,485.6	33,436.3
Shares in other real estate companies	733.6	734.5	666.6	642.2
Adj. fair value of real estate portfolio	42,682.2	42,466.8	39,152.2	34,078.5
LTV	45.1%	43.9%	45.5%	39.8%
LTV (incl. perpetual hybrid)	47.5%	46.3%	48.0%	42.8%

 $^{\rm 1}$ Adj. net debt average 2018E over Total EBITDA 2018E

Smooth Maturity Profile with Diverse Funding Mix

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KPIs	Sep 30, 2018	Target
LTV ⁴	45.1%	Mid-to low forties
Unencumbered assets / unsecured debt	210%	≥125%
ICR ⁵	5.4x	1.8x
Fixed/hedged debt ratio ³	96%	Ongoing optimization
Average cost of debt ³	1.8%	 with most economic
Weighted avg. maturity ³	8.0 years	funding
Corporate Rating (S&P)	BBB+	

¹ Average financing cost of debt maturing in the relevant year. ² Weighted avg. financing costs excl. Equity Hybrid. Including Equity Hybrid, avg. interest rate of debt maturing in 2021 is 3.4%. ³ excl. Equity Hybrid. ⁴ excl. Buwog Squeeze Out. ⁵ LTM EBITDA/LTM interest expense.

2018 Guidance Confirmed

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	2017 Actuals	2018 Guidance (from Aug.)	Final 2018 Guidance
		Incl. 9 months Buwog &	6 months Victoria Park
Organic rent growth (eop)	4.2%	~4.4%1	~4.4%1
Vacancy (eop)	2.5%	<2.5%	<2.5%
Rental Income (€m)	1,667.9	1,890 - 1,910	1,890 - 1,910
FFO1 (€m)	920.8	1,050 - 1,070	1,050 - 1,070
FFO1 (€/share, eop)	1.90	2.03 - 2.07	2.03 - 2.07
Maintenance (€m)	346.2	~410	~410
Modernization & Investments (\in m)	778.6	~1,000	~1,000
Recurring Sales (number of units)	2,608	~2,800	~2,800
FV step-up (Recurring Sales)	32.7%	30% - 35%	~35%
Non-core disposals (number of units)	11,780	up to 14,000	~13,000
FV step-up (Sell Portfolio)	7.9%	10% - 15%	>20%
Dividend €/share	1.32	~70% of FFO1	1.44 ²
EPRA NAV (€/share)	43.88	n/a	~52
Adj. NAV (€/share)	38.49	n/a	~45
Underlying number of shares (million)	485.1	518.1	518.1

 $^{\rm 1}$ Vonovia stand-alone. $^{\rm 2}$ To be proposed to the 2019 AGM and based on current number of shares outstanding.

Evolution of Modernization and New Construction Investments

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- The supply/demand imbalance in urban areas and the conflict between the need for energy efficiency modernization of Germany's housing stock and affordability of rents have given rise to an intense political and public discussion.
- Vonovia's investment volume 2019 brings a reduction of Upgrade Building volumes as the focus shifts from energy efficiency to affordability for parts of our customer base. We respect that there is growing resistance among parts of our customer base when it comes to energy efficient modernizations. That is why we have committed ourselves to only do upgrade building modernizations with a maximum rent growth of €2/sqm for the 2019 and 2020 modernization programs.
- At the same time, we are increasing our investments into Optimize Apartment, Space Creation and Development to Hold. As the market leader, Vonovia clearly acknowledges its responsibility and continues its efforts to be part of the solution when it comes to providing affordable, adequate and modern buildings and apartments. So while we will be reducing the investment volume of energy efficient modernizations we will be increasing our investments into other parts of the investment program including new construction and portfolio investments in Sweden so that the overall impact is not expected to be material.



Increasing Dividend Capacity



Initial Guidance 2019 – New Structure

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	Initial 2019 Guidance	y-o-y vs. 2018
Organic rent growth (eop)	~4.4%	-
Rental Income (€m)	2,020 - 2,070	-
Recurring Sales (# of units)	~2,500	
FV step-up Recurring Sales	~30%	
Total EBITDA (€m)	1,650 - 1,700	-
Group FFO (€m)	1,140 - 1,190	-
Group FFO (€/share)	2.20 - 2.30	-
Dividend €/share	~70% of Group FFO	-
Modernization & New Construction (\in m)	1,300 - 1,600	-
Underlying number of shares (million)	518.1	

European Activities Update

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- Cautious step-by-step approach to minimize risk. Currently ca. 10% of the portfolio are located outside Germany. We will continue to monitor the German market and our defined European target markets for accretive acquisition opportunities.
- Germany is expected to remain the dominant market also in the foreseeable future. No specific target rate or ratios in terms of German vs. non-German exposure but highly opportunistic approach as is the case for our German M&A activities.



	Austria (run a scalable business)	Sweden (main focus)	France (biggest long-term potential)	The Netherlands (no active role)
As a % of total portfolio	~6%	~4%	Not meaningful	0%
Next steps	 Gradual asset rotation via recurring sales of mature assets and development of new assets in a similar magnitude Run scalable operating business Follow accretive acquisition opportunities on an opportunistic basis 	 Pursue accretive acquisition opportunities on an opportunistic basis Add Vonovia experience and skill set and use Victoria Park as a platform to further grow in the Swedish residential market Demonstrate success and sustainability of Vonovia business model to show it also works outside of Germany 	 Utilize 10% stake in SNCF portfolio to gain more profound understanding of the market Safeguard pole position and first-mover advantage for potential opening of social housing to commercial ownership Pursue accretive acquisition opportunities on an opportunistic basis if and when legislation changes and allows the payout of economic dividends from social housing 	 Continue market research Be prepared for accretive acquisition opportunities on an opportunistic basis



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Update on German Regulation

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"Mietrechtsanpassungsgesetz" (legislation passed by German parliament on Nov 29, 2018 and in effect since January 1, 2019)				
Regulation	Impact			
Modernization allocation to be reduced from 11% to 8% of the investment amount. Contrary to initial plans, this shall apply to all housing markets, not just those that are defined as "tight housing markets."	Vonovia will of course honor the new 8% threshold, just as the 11% threshold has always been honored. As very few upgrade building modernizations saw more than 8% of the investment amount to be allocated on top of the annual rent, the impact of this change in the regulation is expected to be immaterial.			
 Following a modernization, an absolute cap of €2/sqm rent growth for apartments with a rent of <€7/sqm prior to the modernization and €3/sqm rent growth for apartments with a rent of >€7/sqm prior to the modernization 	Vonovia has committed itself to not do any upgrade building modernizations that would lead to rent growth of more than €2/sqm. As a consequence, some of the energy efficiency modernizations from our overall pipeline will now be put on hold and the funds will be redirected towards more optimize apartment modernizations, space creation, development-to-hold projects and investments in Sweden.			
Further tightening of rent cap: Landlords are required to disclose the previous rent vis-à-vis the new tenant if they want to set the new rent at more than 10% above the local comparable rent.	Vonovia has always been transparent about the previous rent level and our continued compliance with this regulation will have no impact on the business.			

Additional discussions around potential legislative changes with regards to real estate transfer tax (*Grunderwerbsteuer*), land tax (*Grundsteuer*) and about requirements for recognizing tax consolidation groups.

German Residential – Landlords Benefit from Structural Imbalance between Supply and Demand

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Now supply falls short of doma	und		

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New supply falls short of demand

- Consensus estimates see a current shortage of around 1 million apartments in urban areas. Three main constraints stand in the way of material changes in the short and even medium term:
 - > Building permits often take several years because city administrations lack qualified personnel.
 - > Severe shortage of building capacity after years of downsizing.
 - Substantial gap between in-place values and market replacement costs render construction in affordable segment economically unfeasible.



Sources: Federal Statistics Office, IW Köln, GdW (German Association of Professional Homeowners)

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	Financial Calendar
Jan 14-15, 2019	German Investment Seminar, NYC
Jan 16, 2019	Management Roadshow, USA
Jan 21, 2019	KeplerCheuvreux German Corporate Conference, Frankfurt
Jan 31, 2019	Bankhaus Lampe German Equity Forum (London) ¹
Feb 3-4, 2019	Roadshow Tel Aviv (Israel) ¹
Mar 7, 2019	FY2018 Results
Apr 3, 2019	Bankhaus Lampe Deutschlandkonferenz, Baden-Baden
May 7, 2019	Interim results 3M 2019
May 16, 2019	Annual General Meeting
Jun 4-5, 2019	Capital Markets Day
Jun 6, 2019	dB Access Berlin Conference, Berlin
Jun 12, 2019	Exane BNP Paribas European CEO Conference, Paris
Aug 2, 2019	Interim results 6M 2019
Nov 5, 2019	Interim results 9M 2019

¹ IR only



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Continued EBITDA Margin Expansion

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- > Adj. EBITDA Operations is up 5.9% to €976.2m.
- > EBITDA Operations margin (excl. maintenance) expanded to 91.3%.



€m	9M 2018	9M 2017	Delta
Rental income	1,287.6	1,249.4	+3.1%
Maintenance expenses	-202.2	-192.2	+5.2%
Operating expenses	-173.4	-191.3	-9.4%
Adj. EBITDA Rental	912.0	865.9	+5.3%
Income	1,002.0	795.4	+26.0%
of which external	125.0	115.1	+8.6%
of which internal	877.0	680.3	+28.9%
Operating expenses	-911.3	-719.4	+26.7%
Adj. EBITDA Value-add Business	90.7	76.0	+19.3%
	_		
Adj. EBITDA Other ¹	-26.5	-19.8	+33.8%
Adj. EBITDA Operations	976.2	922.1	+5.9%

 1 Mainly consolidation

Continued FFO1 Growth

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Driven by better operational performance and lower interest expenses, FFO1 was up 12.7% y-o-y or 5.6% per share (eop) on the basis of 6.8% more issued shares.

€m (unless indicated otherwise)	9M 2018	9M 2017	Delta
Adj. EBITDA Operations	976.2	922.1	5.9%
Interest expense FFO1	-189.2	-216.5	-12.6%
Current income taxes FFO1	-8.8	-15.1	-41.7%
FFO1	778.2	690.5	12.7%
of which attributable to Vonovia's shareholders	739.8	650.6	13.7%
of which attributable to Vonovia's perpetual hybrid capital investors	30.0	30.0	
of which attributable to non-controlling interests	8.4	9.9	-15.2%
Capitalized maintenance	-74.4	-50.3	47.9%
AFFO	703.8	640.2	9.9%
Adjusted EBITDA Sales	87.0	81.3	7.0%
Current income taxes FFO2	-10.8	-23.8	-54.6%
FFO2	854.4	748.0	14.2%
FFO1 € / share (eop NOSH) (9M 2018: 518m; 9M 2017: 485m)	1.50	1.42	5.6%
FFO1 € / share (avg. NOSH) (9M 2018: 502m; 9M 2017: 473m)	1.55	1.46	6.4%

Continued NAV Growth

¹ Adjusted for effects from cross currency swaps. ² Based on the number of shares on the reporting dates Sep 30, 2018 (518.1m) and Dec 31, 2017 (485.1m).

Company Presentation – January 2019

>	Adj. NAV is up	12.3% ytd or 5	5.1% per share in	spite of 6.8% mo	ore issued shares.

San 30

€m (unless indicated otherwise)	Sep 30, 2018	Dec 31, 2017		Is Adj. NAV a good proxy for the value of a			
				div	verse operating business?		
Equity attributable to Vonovia's shareholders	17,052.6	15,080.8		Ву	definition, the Adj. NAV		
Deferred taxes on investment properties and assets held for sale	7,364.7	6,185.7		>	reflects the brick and mortar value of the buildings		
Fair value of derivative financial instruments ¹	70.5	26.9		>	applies market terms and assumes the		
Deferred taxes on derivative financial instruments	-20.7	-8.8			properties are owned by "anyone"		
EPRA NAV	24,467.1	21,284.6		Thi	s approach ignores		
Goodwill	-3,499.9	-2,613.5		>	the Value-add Business		
Adj. NAV	20,967.2	18,671.1	+12.3%	>	the cost advantage and operating platform		
					of a professional owner		
EPRA NAV €/share ²	47.23	43.88		>	the development business profit		
Adj. NAV €/share ²	40.47	38.49	+5.1%	>	the recurring sales business profit		





Reconciliation IFRS Profit to FFO

			501105171			
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€m (unless indicated otherwise)	9M 2018	9M 2017	Delta			
IFRS PROFIT FOR THE PERIOD*	1,399.0	1,205.2	16.1%			
Financial result ¹	296.5	218.2	35.9%			
Income taxes*	728.8	663.8	9.8%			
Depreciation and amortization*	37.8	23.0	64.3%			
Income from fair value adjustments of investment properties*	-1,386.7	-1,164.7	19.1%			
= EBITDA IFRS*	1,075.4	945.5	13.7%			
Adj. EBITDA BUWOG	-91.8	-	-			
Non-recurring items*	93.8	75.9	23.6%			
Total period adjustments from assets held for sale	-0.2	-5.0	-96.0%			
Financial income from investments in other real estate companies	-14.0	-13.0	7.7%			
= ADJUSTED EBITDA	1,063.2	1,003.4	6.0%			
Adjusted EBITDA Sales	-87.0	-81.3	7.0%			
= ADJUSTED EBITDA OPERATIONS	976.2	922.1	5.9%			
FFO interest expense ²	-189.2	-216.5	-12.6%			
Current income taxes FFO1	-8.8	-15.1	-41.7%			
= FF01	778.2	690.5	12.7%			
Capitalized maintenance	-74.4	-50.3	47.9%			
= AFFO	703.8	640.2	9.9%			
Current income taxes Sales	-10.8	-23.8	-54.6%			
FFO2 (FFO1 incl. Adjusted EBITDA Sales / Current income taxes Sales)	854.4	748.0	14.2%			
FFO1 per share in € (eop NOSH)	1.50	1.42	5.5%			
AFFO per share in € (eop NOSH)	1.36	1.32	2.9%			
Number of shares (million) eop	518.1	485.1	6.8%			

All values excluding Buwog except figures marked with *. 1 Excluding income from investments. 2 Including financial income from investments in other real estate companies.

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IFRS P&L			VONOVIA
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€m (unless indicated otherwise)	9M 2018	9M 2017	Delta
Income from property letting	1,954.8	1,753.9	11.5%
Other income from property management	39.7	34.0	16.8%
Income from property management	1,994.5	1,787.9	11.6%
Income from disposal of properties	673.6	951.2	-29.2%
Carrying amount of properties sold	-592.6	-905.6	-34.6%
Revaluation of assets held for sale	48.0	60.5	-20.7%
Profit on disposal of properties	129.0	106.1	21.6%
Income from the disposal of properties (Development)	122.9	-	-
Cost of sold properties	-107.8	-	-
Profit on the disposal of properties (Development)	15.1	-	-
Net income from fair value adjustments of investment properties	1,386.7	1,164.7	19.1%
Capitalized internal expenses	433.3	326.8	32.6%
Cost of materials	-993.4	-866.8	14.6%
Personnel expenses	-360.5	-307.1	17.4%
Depreciation and amortization	-37.8	-23.0	64.3%
Other operating income	87.4	75.8	15.3%
Other operating expenses	-252.0	-196.7	28.1%
Financial income	27.3	46.2	-40.9%
Financial expenses	-301.9	-244.9	23.3%
Earnings before taxes	2,127.8	1,869.0	13.8%
Income taxes	-728.8	-663.8	9.8%
Profit for the period	1,399.0	1,205.2	16.1%
Attributable to:			
Vonovia's shareholders	1,323.1	1,117.6	18.4%
Vonovia's hybrid capital investors	22.4	22.4	0.0%
Non-controlling interests	53.5	65.2	-17.9%
Earnings per share (basic and diluted) in €	2.64	2.36	11.9%

IFRS Balance Sheet (1/2 – Total Assets)

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1. Vonovia At A Glance	2. Business Update	3. Residential Market Update	4. Appendix		
€m		Sep 30, 2018	Dec 31, 2017	Delta	
Assets					
Intangible assets		3,601.1	2,637.1	36.6%	
Property, plant and equipment		237.9	177.6	34.0%	
Investment properties		41,265.0	33,182.8	24.4%	
Financial assets		823.5	698.0	18.0%	
Other assets		18.4	13.8	33.3%	
Deferred tax assets		10.4	10.3	1.0%	
Total non-current assets		45,956.3	36,719.6	25.2%	
Inventories		8.8	6.2	41.9%	
Trade receivables		434.5	234.9	85.0%	
Financial assets		5.6	0.5	>100%	
Other assets		165.7	98.4	68.4%	
Income tax receivables		43.8	47.9	-8.6%	
Cash and cash equivalents		507.3	266.2	90.6%	
Real estate inventories		299.8			
Assets held for sale		118.6	142.6	-16.8%	
Total current assets		1,584.1	796.7	98.8%	
Total assets		47,540.4	37,516.3	26.7%	

IFRS Balance Sheet (2/2 – Total Equity and Liabilities)



1. Vonovia At A Glance

2. Business Update

3. Residential Market Up

4. Appendix

€m	Sep 30, 2018	Dec 31, 2017	Delta
Equity and liabilities			
Subscribed capital	518.1	485.1	6.8%
Capital reserves	7,181.8	5,966.3	20.4%
Retained earnings	9,100.8	8,471.6	7.4%
Other reserves	251.9	157.8	59.6%
Total equity attributable to Vonovia's shareholders	17,052.6	15,080.8	13.1%
Equity attributable to hybrid capital investors	1,031.5	1,001.6	3.0%
Total equity attributable to Vonovia's shareholders and hybrid capital investors	18,084.1	16,082.4	12.4%
Non-controlling interests	1,016.3	608.8	66.9%
Total equity	19,100.4	16,691.2	14.4%
Provisions	594.3	607.2	-2.1%
Trade payables	1.0	2.4	-58.3%
Non derivative financial liabilities	17,755.6	12,459.4	42.5%
Derivatives	54.7	8.7	>100%
Liabilities from finance leases	94.4	94.7	-0.3%
Liabilities to non-controlling interests	31.8	24.9	27.7%
Financial liabilities from tenant financing	54.5		
Other liabilities	47.3	65.3	-27.6%
Deferred tax liabilities	6,444.0	5,322.6	21.1%
Total non-current liabilities	25,077.6	18,585.2	34.9%
Provisions	434.7	376.5	15.5%
Trade payables	212.4	130.7	62.5%
Non derivative financial liabilities	2,297.6	1,601.1	43.5%
Derivatives	41.9	4.4	>100%
Liabilities from finance leases	4.9	4.6	6.5%
Liabilities to non-controlling interests	6.7	9.0	-25.6%
Financial liabilities from tenant financing	104.9	7.7	>100%
Other liabilities	259.3	105.9	>100%
Total current liabilities	3,362.4	2,239.9	50.1%
Total liabilities	28,440.0	20,825.1	36.6%
Total equity and liabilities	47,540.4	37,516.3	26.7%

Sales – Steady Cash Flow at Attractive Margins

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2. Business Update

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- Total sales volume in 9M 2018 was 9,331 residential units (prior-year period: 8,304), of which 1,666 from Recurring Sales (prior-year period: 1,704) and 7,665 Non-core Disposals (prior-year period: 6,600).
- > In spite of value growth of the portfolio, Recurring Sales fair value step-ups could still be maintained around 30% for 9M 2018.
- The Non-core Disposals saw a fair value step-up of 16.3% in 9M 2018, driven largely by two block sales, as we are utilizing the high market liquidity to profitably dispose of our Non-core Portfolio.
- > The income and fair value figures of the Non-core Disposals for the prior-year period include a substantial amount of commercial property sales.

	RECURRING	SALES	NON CORE DIS	SPOSALS	TOTAL		
€m (unless indicated otherwise)	9M 2018	9M 2017	9M 2018	9M 2017	9M 2018	9M 2017	
Income from disposal	200.3	214.4	411.8	736.8	612.1	951.2	
Fair value of disposal	-153.7	-161.6	-354.1	-688.5	-507.8	-850.1	
Adj. profit from disposal	46.6	52.8	57.7	48.3	104.3	101.1	
Fair value step-up (%)	30.3%	32.7%	16.3%	7.0%			

Selling costs	-17.3	-19.8
Adj. EBITDA Sales	87.0	81.3

Continued FFO1 Growth in 2019



Evolution of the Business and Additional Revenue Streams Require a Fresh Look at Performance Metrics

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_								E E F F
>	The business has sub across the full reside				-		e creation	Why interest and taxes cannot be disclosed per
>	As a consequence, the growth, cash-flow ge Going forward we wi Rental, Value-add, D	ne concept of eneration and II be reporting	FFO1 is no lo value creation performance	nger sufficient n potential. e based on the	to fully reflect	ct Vonovia's earr s of the four seg	2	 Segment Interest and tax optimization happens on a corporate level and not within individual segments Interest and taxes are not part of the key performance indicators
		Rental	Value-add	Develop- ment	Recurring Sales	Total	Non- core Dis- posals	 Financing is done on a corporate level (cash pooling), decoupled from the asset level; any allocation would
C	evenues osts							be arbitrary as the debt and interest rate is not linked to a segment
	dj. EBITDA Interest Taxes							 Legal entities cannot be clearly allocated to one specific segment but operate across
	Consolidation roup FFO							 > Taxes are incurred by legal entities, not segments



- recurring sales ("privatization") are a **robust and granular sales channel** that has delivered very stable volumes above 2k units p.a. over the last 10 years with an average annual volume of 2.7k (after an initial ramp-up phase of two years).
- > We currently have ca. 29k units (excl. Buwog) that are eligible¹ for recurring sales.



¹ Including all units that have been legally prepared for retail sales by way of separate land register entries. ² 2013-2017 including Buwog recurring sales.

All Strategic Markets Show Upward Potential

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1. Vonovia At A Glance			2. Busir	ess Update		3. Residential Market Update				4. Appendix		
	Fair val	ue ¹	In-place rent									
Regional Market	(€m)	(€/sqm)	Residential units	Living area ('000 sqm)	Vacancy (%)	Total (p.a., €m)	Residential (p.a., €m) (€	Residential C/sqm/month)	Organic rent growth (%)	Multiple (in-place rent)	Average rent growth forecast CBRE (5 yrs) (%)	Reversionary potential ² (%) from Optimize Apartments
Berlin	6,349	2,191	43,992	2,804	1.7	228	216	6.53	4.2	27.9	4.3	46.3
Rhine Main Area (Frankfurt, Darmstadt, Wiesbaden)	3,665	2,034	27,766	1,772	1.6	171	165	7.90	4.0	21.5	3.5	42.1
Rhineland (Cologne, Düsseldorf, Bonn)	3,390	1,662	29,657	1,986	2.7	170	162	6.98	3.3	20.0	3.1	28.1
Southern Ruhr Area (Dortmund, Essen, Bochum)	3,175	1,158	43,798	2,679	3.6	187	180	5.83	4.7	17.0	2.9	31.4
Dresden	3,006	1,286	38,582	2,195	3.0	162	152	5.94	3.3	18.6	3.7	31.8
Hamburg	2,358	1,806	20,065	1,272	1.7	108	103	6.85	4.0	21.9	3.3	43.0
Munich	1,898	2,902	9,670	636	0.9	64	60	7.95	4.1	29.8	4.8	56.8
Stuttgart	1,833	2,000	14,097	887	1.9	84	81	7.72	3.5	21.7	3.1	40.6
Kiel	1,826	1,296	23,474	1,351	2.0	102	97	6.07	6.2	17.9	3.2	39.6
Hanover	1,527	1,463	16,251	1,024	3.1	79	76	6.36	4.2	19.4	2.9	39.2
Northern Ruhr Area (Duisburg, Gelsenkirchen)	1,459	885	26,335	1,627	3.5	108	105	5.55	4.4	13.5	2.4	25.7
Bremen	1,049	1,385	12,053	732	3.9	50	47	5.57	3.0	21.1	3.6	30.0
Leipzig	811	1,307	9,161	587	3.9	42	40	5.88	2.9	19.1	2.9	23.3
Westphalia (Münster, Osnabrück)	737	1,183	9,496	616	3.0	43	42	5.86	6.0	17.1	3.0	41.3
Freiburg	556	1,994	4,041	276	1.9	24	23	7.19	4.7	23.2	4.1	45.1
Other Strategic Locations	2,362	1,369	26,611	1,687	2.8	132	127	6.46	4.7	17.8	3.3	41.3
Total Strategic Locations Germany	36,003	1,579	355,049	22,132	2.6	1,753	1,674	6.47	4.1	20.5	3.4	36.4
Austria	2,472	1,312	23,238	1,734	4.4	107	90	4.53	-	23.0	n/a	n/a
Sweden	1,638	1,498	14,051	997	1.3	115	107	9.03	-	14.2	n/a	n/a

Note: In-place rents in Austria and Sweden are not fully comparable to Germany, as Sweden, for example, includes certain ancillary costs. The table above shows the rental level unadjusted to the German definition. ¹Fair value of the developed land excluding €1,310.7m, of which €355.6m undeveloped land and inheritable building rights granted, €269.3m assets under construction, € 436m development and €249.7m other. Data for Strategic Locations also includes Recurring Sales assets in those markets.


Sep 30, 2018 (pro forma)	Residential	In-place rent	Vacancy rate		Fair value ¹	
	units	(€/sqm/month)	(%)	(€bn)	% of total	(€/m²)
Operate	120,133	6.56	2.4	12.4	30%	1,548
Invest	206,611	6.40	2.7	20.4	50%	1,582
Subtotal Strategic Clusters	326,744	6.46	2.6	32.7	81%	1,569
Recurring Sales ²	29,330	6.61	3.2	3.4	8%	1,673
Sell	7,372	5.43	5.3	0.4	1%	884.8
Total Germany	363,446	6.45	2.7	36.5	90%	1,564
Austria	23,238	4.53	4.4	2.5	6%	1,312
Sweden	14,051	9.03	1.3	1.6	4%	1,498

Note: In-place rents in Austria and Sweden are not fully comparable to Germany, as Sweden, for example, includes certain ancillary costs. The table above shows the rental level unadjusted to the German definition. ¹ Fair value of the developed land excluding \leq 1,310.7m, of which \leq 355.6m undeveloped land and inheritable building rights granted, \leq 269.3m assets under construction, \leq 436.0m development and \leq 249.7m other. ² Including all units that have been legally prepared for retail sales by way of separate land register entries.

Company Presentation – January 2019

Maintenance					VONOVIA
1. Vonovia At A Glance		2. Business Upda	ite	3. Residential Market Update	4. Appendix
				€12.79/sqm¹	
€m (unless indicated otherwise)	9M 2018	9M 2017	Delta	01217 97 5411	
					€11.03/sqm ¹
				3.51	2.35
Expenses for maintenance	202.2	192.2	5.2%		
Capitalized maintenance	76.5	52.0	47.1%	9.28	8.68
Total	278.7	244.2	14.0%		
Maintenance capitalization ratio	27%	21%		9M 2018 Expenses for maintenance	9M 2017 e ■Capitalized maintenance

¹ All numbers incl. Victoria Park and excluding Buwog.

Case Study Optimize Apartment



Case Study Upgrade Building



VONOVIA

Case Study Space Creation



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Source: Dealogic, Bloomberg, Broker research, Deutsche Bundesbank, Verband deutscher Pfandbriefbanken (VdP), FactSet as of November 16, 2018

¹ Quarterly Mortgage Pfandbrief issuances for 2005-2012 based on equal distribution of annual issuances based on VdP data; 2013 -3Q2018 figures based on Deutsche Bundesbank

² Corporate bond issuance volume includes senior unsecured and hybrid bonds \geq €50m, issued in EUR in Western Europe

³ Excludes Mortgage Pfandbriefe and CMBS for September 2018, Convertibles for 3Q18 as data not yet available



Currently used by Vonovia

Decision Tree Financing Sources VONOVIA 1. Vonovia At A Glance 2. Business Update 3. Residential Market Update 4. Appendix



Covenants and KPIs (September 30, 2018)

ovenants and KPIs	(September 30, 2018)	VONOVIA		
1. Vonovia At A Glance	2. Business Update	3. Residential Market Update	4. Appendix	

> Bond KPIs	Covenant	Level	Sep 30, 2018
	LTV	<60%	42%
	Total Debt / Total Assets	<00%	4270
	Secured LTV	<45%	12%
	Secured Debt / Total Assets	<4J70	12 70
	ICR ¹	>1.80x	5.4x
	Last 12M EBITDA / Last 12M Interest Expense	21.00X	5.47
	Unencumbered Assets	>125%	210%
	Unencumbered Assets / Unsecured Debt	~ 123 70	21070

> Rating KPIs	Covenant	Level (BBB+)
	Debt to Capital Total Debt / Total Equity + Total Debt	<60%
	ICR	>1.80x
	Last 12M EBITDA / Last 12M Interest Expense	>1.80X

Bonds / Rating

		Busir			1-+
		DUSII	U	ШI	I G U

4. Appendix

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Corporate Investment grade rating

Rating agency	Rating	Outlook	Last Update
Standard & Poor's	BBB+	Stable	02 Aug 2018

Bond ratings

Name	Tenor & Coupon	ISIN	Amount	Issue price	Coupon	Final Maturity Date	Rating
Bond 002 (EUR-Bond)	6 years 3.125%	DE000A1HNW52	€ 600m	99.935%	3.125%	25 July 2019	BBB+
Bond 004 (USD-Bond)	10 years 5.000%	US25155FAB22	USD 250m	98.993%	4.580% ¹	02 Oct 2023	BBB+
Bond 005 (EMTN)	8 years 3.625%	DE000A1HRVD5	€ 500m	99.843%	3.625%	08 Oct 2021	BBB+
Bond 006 (Hybrid)	60 years 4.625%	XS1028959671	€ 700m	99.782%	4.625%	08 Apr 2074	BBB-
Bond 007 (EMTN)	8 years 2.125%	DE000A1ZLUN1	€ 500m	99.412%	2.125%	09 July 2022	BBB+
Bond 008 (Hybrid)	perpetual 4%	XS1117300837	€ 1,000m	100.000%	4.000%	perpetual	BBB-
Bond 009A (EMTN)	5 years 0.875%	DE000A1ZY971	€ 500m	99.263%	0.875%	30 Mar 2020	BBB+
Bond 009B (EMTN)	10 years 1.500%	DE000A1ZY989	€ 500m	98.455%	1.500%	31 Mar 2025	BBB+
Bond 010B (EMTN)	5 years 1.625%	DE000A18V138	€ 1,250m	99.852%	1.625%	15 Dec 2020	BBB+
Bond 010C (EMTN)	8 years 2.250%	DE000A18V146	€ 1,000m	99.085%	2.250%	15 Dec 2023	BBB+
Bond 011A (EMTN)	6 years 0.875%	DE000A182VS4	€ 500m	99.530%	0.875%	10 Jun 2022	BBB+
Bond 011B (EMTN)	10 years 1.500%	DE000A182VT2	€ 500m	99.165%	1.500%	10 Jun 2026	BBB+
Bond 013 (EMTN)	8 years 1.250%	DE000A189ZX0	€ 1,000m	99.037%	1.250%	06 Dec 2024	BBB+
Bond 014A (EMTN)	5 years 0.750%	DE000A19B8D4	€ 500m	99.863%	0.750%	25 Jan 2022	BBB+
Bond 014B (EMTN)	10 years 1.750%	DE000A19B8E2	€ 500m	99.266%	1.750%	25 Jan 2027	BBB+
Bond 015 (EMTN)	8 years 1.125%	DE000A19NS93	€ 500m	99.386%	1.125%	08 Sep 2025	BBB+
Bond 016 (EMTN)	2 years 3M EURIBOR+0.350%	DE000A19SE11	€ 500m	100.448%	3M EURIBOR+0.350%	20 Nov 2019	BBB+
Bond 017A (EMTN)	6 years 0.750%	DE000A19UR61	€ 500m	99.330%	0.750%	15 Jan 2024	BBB+
Bond 017B (EMTN)	10 years 1.500%	DE000A19UR79	€ 500m	99.439%	1.500%	14 Jan 2028	BBB+
Bond 018A (EMTN)	4.75 years 3M EURIBOR+0.450%	DE000A19X793	€ 600m	100.000%	0.793% hedged	22 Dec 2022	BBB+
Bond 018B (EMTN)	8 years 1.500%	DE000A19X8A4	€ 500m	99.188%	1.500%	22 Mar 2026	BBB+
Bond 018C (EMTN)	12 years 2.125%	DE000A19X8B2	€ 500m	98.967%	2.125%	22 Mar 2030	BBB+
Bond 018D (EMTN)	20 years 2.750%	DE000A19X8C0	€ 500m	97.896%	2.750%	22 Mar 2038	BBB+
Bond 019 (EMTN)	5 years 0.875%	DE000A192ZH7	€ 500m	99.437%	0.875%	03 Jul 2023	BBB+

¹ EUR-equivalent Coupon



Acquisitions – Opportunistic but Disciplined

Company Presentation – January 2019

Update Integration Buwog and Victoria Park

Update Integration Bu	wog and Victoria Pa	irk	AIVONOV
1. Vonovia At A Glance	2. Business Update	3. Residential Market Update	4. Appendix
 Buwog Buwog squeeze out effective as of Nov now owned by Vonovia. Integration of Buwog Rental Business G completed by year end, as expected. Combination of conwert assets with Bur and to be managed on our SAP platform this will also serve as a blueprint for of Germany. Development business to be transferred Of the €30m synergies announced with in 2018, another €20m in 2019 and the 	Germany fully on track and to be wog assets in Austria fully on track n by mid 2019, as expected. potential future integrations outside d onto our platform by mid 2019. the transaction, €5m will be realized	 Victoria Park Vonovia exercises control via its seats of parameters within which Vonovia Park is successful track record. No operational integration of Victoria Para acquisitions. Victoria Park is to serve as the nucleus is build a scalable business model, grow in and aim to prove that the Vonovia busin outside of but similar to Germany. 	is expected to continue its ark, in contrast to all previous in Sweden from which we try to n the Swedish residential market
50% debt + 50% equity financing as c2.06 p.s. FFO 1 VNA stand-alone 492.1m shares EBITDA Operations Buwog	per acquisition criteria (FY2019E)	2.06 p.s. FFO 1 VNA stand-alone 492.1m shares	er acquisition criteria (FY2019E)
E2.06 p.s. FFO 1 VNA stand-alone		perations VP Interest + taxes	€2.14-€2.18 p.s. Pro forma FFO 1
492.1m			518.1m

Acquisition Track Record

VOr	NVIA
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1. Vonovia At A Glance	
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3. Residential Market Update

4. Appendix

Larger acquisitions			Fair Value			In-place rent			
Year	Deal	Residential units #	TOP Locations	@ Acquisition	Sep 30, 2018	Δ	@ Acquisition	Sep 30, 2018	Δ
2014	DEWAG	11,300	Berlin, Hamburg, Cologne, Frankfurt/Main	1,344	2,065	54%	6.76	7.78	15%
20	VITUS	20,500	Bremen, Kiel	807	1,350	67%	5.06	5.73	13%
	GAGFAH	144,600	Dresden, Berlin, Hamburg	889	1,516	71%	5.40	6.25	16%
2015	FRANCONIA	4,100	Berlin, Dresden	1,044	1,744	67%	5.82	6.51	12%
	SÜDEWO	19,400	Stuttgart, Karlsruhe, Mannheim, Ulm	1,380	1,846	34%	6.83	7.40	8%
2016	GRAINGER	2,400	Munich, Mannheim	1,501	2,031	35%	7.09	7.81	10%
	CONWERT (Germany & Austria)	23,400	Berlin, Leipzig, Potsdam, Vienna	1,353	1,718	27%	5.88	6.27	7%
2017	thereof Germany	21,200	Berlin, Leipzig, Potsdam	1,218	1,601	31%	5.86	6.22	6%
	thereof Austria	2,200	Vienna	1,986	2,345	18%	6.11	6.67	9%

Note: Without most recent acquisitions in 2018

Conservative Valuation Levels

Glance 2. Business Update

3. Residential Market Update

4. Appendix

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In-place values are still way below replacement values, in spite of accelerating valuation growth in recent years.



Note: VNA 2010 - 2014 refers to Deutsche Annington Portfolio at the time; construction costs excluding land. The land value refers to share of total fair value allocated to land.



Vonovia location

Vigh-influx cities ("Schwarmstädte"). For more information: http://investoren.vonovia.de/websites/vonovia/English/4050/financial-reports-_-presentations.html

German Residential – Safe Harbor and Low Risk VONOVIA 1. Vonovia At A Glance 2. Business Update 3. Residential Market Update 4. Appendix

Rental regulation safeguards high degree of stability

- Contrary to most other jurisdictions such as the USA, rental growth in Germany is regulated and not directly linked to CPI, GDP development etc.
- Rents are regulated via "Mietspiegel" (city-specific rent indices), which look at the asking rents of the previous four years to determine a rent growth level for existing tenants for the next two years.



Sources: Federal Statistics Office, GdW (German Association of Professional Homeowners), REIS, BofA Merrill Lynch Global Research, OECD. Note: Due to lack of q-o-q US rent growth data, the annual rent growth for a year is assumed to also be the q-o-q rent growth of that year.

German Residential – Favorable Fundamentals



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

German Residential – Favorable Fundamentals



27.0

Sources: United Nations, JLL Research, European Commission, Federal Statistics Office, Eurostat

Liquid Large-cap Stock

AIVONOVIA



VNA share price performance since IPO vs. DAX and EPRA Europe Index



Company Presentation – January 2019

VONOVIA

Vonovia History

1. Vonovia At A Glance

2. Business Update

- Seed portfolios of today's Vonovia have origin in public housing provided by government, large employers and similar landlords with a view towards offering affordable housing.
- At beginning of last decade, private equity invested in German residential on a large scale including into what is Vonovia today (mainly Deutsche Annington and Gagfah then).
- > IPO in 2013.
- > Final exit of private equity in 2014.





Company Presentation – January 2019

Reconciliation of Shares Outstanding

1. Vonovia At A Glance	2. Business Update	3. Residential Market Update 4. Appendix
Date	NOSH (million)	Comment
December 31, 2016	466.0	
March 31, 2017	468.8	conwert acquisition
June 30, 2017	476.5	Scrip dividend
September 30, 2017	485.1	Gagfah cross-border merger
December 31, 2017	485.1	
March 31, 2018	485.1	
June 30, 2018	518.1	€1bn ABB in 05/2018; scrip dividend
Sep 30, 2018	518.1	

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The number of outstanding shares is always available at http://investoren.vonovia.de/websites/vonovia/English/2010/key-share-information.html



- Other factors such as supply/demand imbalance, rental regulation, market rent growth, location of assets etc.
 outweigh the impact of interest rates when it comes to pricing residential real estate.
- The steep decline in interest rates (down by 760bps since 1992) is not mirrored by asset yields (down by 160bps since 1992).



¹ Yearly asset yields vs. rolling 200d average of 10y interest rates Sources: Thomson Reuters, bulwiengesa

Company Presentation – January 2019



parameters that are substantially less material for Vonovia's operating performance.



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אועסהסע Management Board Compensation - Overview 4. Appendix Management Board compensation is based on three pillars **Fixed Remuneration Bonus / STIP** LTIP (incl. Pension) Monthly fixed compensation paid • Annually granted remuneration • Criteria/Targets: FFO1, adj. in 12 equal installments NAV/share, EBITDA Sales, component in the form of virtual Annual pension contribution personal targets agreed with shares (alternative: cash payout) SVB • Criteria/Targets: relative TSR, Bonus Cap at predetermined EPRA NAV/share, FFO1/share, Customer Satisfaction Index amount • Payout: Cash (CSI) • Performance Period: 4 years • Payout: Cash • Cap: 250% of grant value

Total remuneration cap

Share Holding Provision

- Mandatory share ownership
- 100% of annual fixed remuneration (excl. pension) (accumulation on a pro rata basis during first 4 years)



- Bonus cap at predetermined amount
- Cash payout
 - **FFO1** is key figure in the industry for managing the sustained operational earnings power of our business.
 - Adj. NAV/share as standard figure for the value of our property assets (calculation according to EPRA best practice standards, after corrections for goodwill).
 - **EBITDA Sales**: Measure of success of our sales activities.
 - Personal targets related to individual department responsibilities or overlapping targets (e.g. integration projects).

Rationale

Management Board Compensation – LTIP



- **LTIP** aims to ensure that remuneration structure focuses on sustainable corporate development.
- Relative TSR is from an investor perspective a well-established and accepted performance measure, focusing on share return, relative to a selected peer group. Hence, it is adequate for comparison with relevant competitors.
- Customer Satisfaction Index (CSI): Based on customer surveys and reflects how our services are perceived and accepted by our customers.
- Shareholder alignment safequarded by (i) relative performance targets (FFO/share and EPRA NAV/share) as well as (ii) calculation method which takes actual share price performance into account.

Impressions

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2. Business Update

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4. Appendix

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Dortmund

















Optimize Apartment

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Upgrade Building

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