



Jani Nieminen, CEO Erik Hjelt, CFO

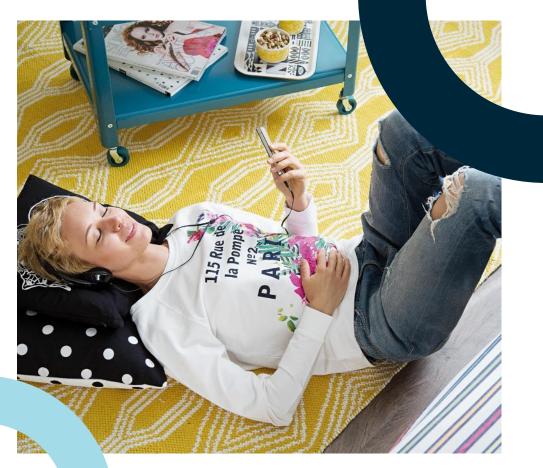
# Carnegie Real Estate Seminar

10 September 2019

Kojamo plc



- Operating environment
- Kojamo's business
- Outlook, financial targets and dividend policy



# **Operating Tenvironnent**

### Operating environment

### **General operating environment**

- Kojamo is affected particularly by urbanization, the situation in the residential property market and development in the Finnish growth centres, as well as macro-economic factors
- Economic growth in the coming years is expected to be more moderate than in recent years
- Global economic growth is expected slow substantially this year compared to last year, and the economic outlook is estimated to have weakened in Finland's key export markets. Private investments are estimated to turn to a decrease as the number of residential start-ups begins to follow the declining trend of new building permits.
- Private consumption growth is supported this year by higher income levels and improved employment



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\* Helsinki, Espoo, Kauniainen, Vantaa, \*\* Capital region, Hyvinkää, Järvenpää, Kerava, Kirkkonummi, Mäntsälä, Nurmijärvi, Pornainen, Sipoo, Tuusula, Vihti Sources: General operating environment, Business environment key figures: Ministry of Finance, Economic Survey, 6/2019; Population growth forecast: MDI's population forecast 2040

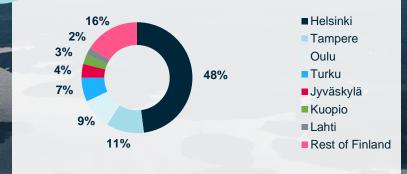
### ➤ Operating environment

### **Residential production and price development**

- The volume of housing production is returning to normal, the declining number of building permits and start-ups will not be reflected until the latter part of 2020. Growth centres are expected to represent an increasing share of housing production
- Accelerated urbanisation increases the demand for apartments, which puts upward pressure on prices in growth centres. The development of prices in the housing market will continue to diverge between growth centres and other areas
- An increasing number of people also choose rental housing of their own accord. Due to rising apartment prices and stricter loan terms, it is becoming increasingly difficult to buy an apartment especially in the inner city areas of large cities. This often leaves renting as an only option for finding an apartment in a specific area for many households

Industry key figures	2019E	2018
Residential start-ups, units	39,000	46,200
Building permits granted, annual*, units	38,651	48,602
Construction costs, %	2.0	2.5
Prices of old dwellings in the whole country, change, %	1.2	1.2
Prices of old dwellings in the capital region, change, %	2.2–3.5	2.5–3.2
Rents of non-subsidised rental dwellings in the whole country, change, %	1.8	1.6
Rents of non-subsidised rental dwellings in the capital region, change, %	2.0–2.8	2.3–2.6

### Housing production need 2016 – 2040



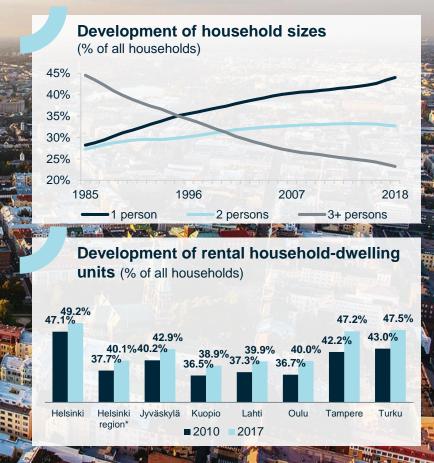
\* Rollng 12 months, May 2019 and 2018

Sources: Residential production and price development: Pellervo Economic Research PTT, Housing market 2019 forecast and Confederation of Finnish Construction Industries RT's business survey, April 2019; Industry key figures: PTT, Statistics Finland: Building and dwelling production 2019, May, RT; Housing production need: VTT, Need for housing 2015-2040

# X Operating environment

### The popularity of rental housing increases

- The trend of regional divergence will accelerate in 2019–2040 and the significance of the 10 largest urban areas will increase
- Urbanisation increases the demand for rental housing.
   Those who move to growth centres increasingly see rental housing as an easier, safer and more flexible choice
- The growing demand for services is also reflected in living preferences. Living-related needs can be increasingly satisfied by services instead of owning



Helsinki, Espoe, Kauniainen, Vantaa, Hyvinkää, Uarvenpää, Kerava, Kirkkonummi, Mäntsälä, Nurmijärvi, Pornainen, Sipoo, Tuusula, Vihti Sources: The popularity of rental housing increases. MDI's population forecast 2040 and Pellervo Economic Research PTT, Housing markets 2019 forecast. Development of household sizes and rental household-dwelling units: Statistics Finland, Dwellings and housing conditions 2018

# Kojamo's business

### Kojamo – Largest residential real estate company in Finland

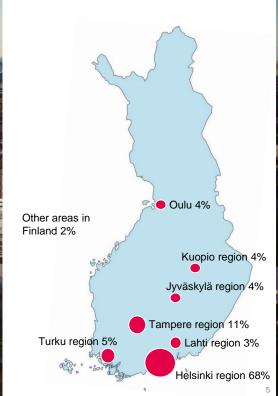
100%

residential

portfolio

72% of portfolio studios and onebedroom apartments **5.3** EUR Bn, fair value of investment properties Kojamo's portfolio as at 30 June 2019

- Kojamo focuses on the seven Finnish growth centres and high-quality rental apartments, marketed under the Lumo brand
- Target to increase value of the investment portfolio to EUR 6 billion by the end of 2021 by building, converting, renovating and acquiring properties
- Strong role in digital transformation of the housing industry



								Martin 1	Ser Ser
	State of the second					.3%	in the seven		
large	st Finr	nish g	rowth	n cen	tres		Apartment distribution	1, %	Helsinki region
Region	Number of apartments, units	Fair value, (EUR million)	Fair value (EUR thousand / unit)	Fair value (EUR / sqm)	Financial occupancy rate, %	L	4.2% <sup>3.2%</sup> 4.8% 6.3% 5.3%		<ul> <li>Tampere region</li> <li>Turku region</li> </ul>
Helsinki region	20,283	3,374	166	2,961	97.8%		12.99/	57.6%	Oulu
Tampere region	4,848	547	113	2,208	96.2%				
Turku region	1,848	226	123	2,153	96.8%		Fair value distribution	, %	■Jyväskylä
Oulu	2,220	195	88	1,667	95.4%		3.2% 1.7% 3.5%		Kuopio region
Jyväskylä	1,727	205	119	2,245	91.9%		4.1% 3.9%		
Kuopio region	1,674	176	105	1,996	93.6%		4.6%		Lahti region
Lahti region	1,477	159	107	1,920	95.3%	and the second se			Others
Others	1, <u>1</u> 17	85	77	1,419	95.1%			67.9%	
Total	35,194	5,303*	141	2,572	96.9%	and the second second	5		E.

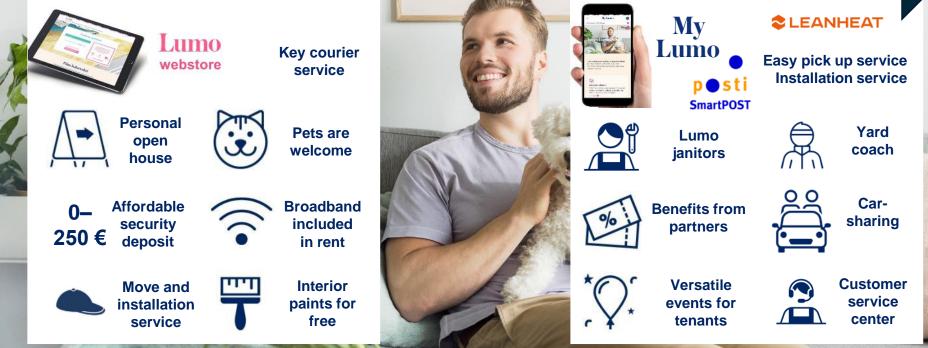
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Includes EUR 336 million of fair value related to ongoing projects, plots owned by the company and ownership of certain assets through shares and
 IFRS 16 right-of-use assets

### Lumo builds customer experience in a new way

### Services of a new customer

### Services during tenancy



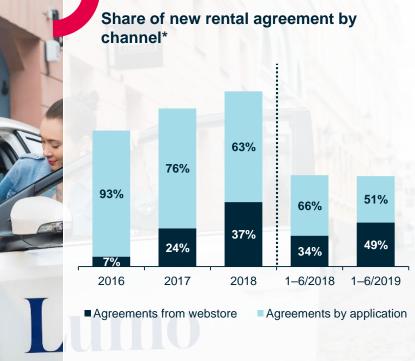
### Electronic services make every day life easier

Lumo webstore Over 12,000

rental agreements via webstore by the end of June

- Fully automated service, where tenant can choose his or her apartment and rent it at once
- Accessible with Nordic banking access codes, also used for checking credit information

 Majority of rental agreements in the Capital region are made already online



\* The share has been calculated based on the value of the rental agreement (initial rent)

### Sustainability is visible in our every day life

20 000	Eco-friendly	All of	Anti-grey
<b>29,000</b> apartments' indoor temperature controlled by Leanheat's IoT solution	motoring – shared cars in use of Lumo tenants	new construction projects utilising own plot reserves nearly zero-energy buildings in accordance with FInZEB concepts and guidelines	economy models exceed legislative requirements

### **Members of**

Climate Leadership Coalition that aims at carbon neutral operations that utilise natural resources in a sustainable way

# 7.5%

savings targeted to be reached by 2025 according to Rental Property Energy Efficency Agreement

# 2<sup>nd</sup> place

in the Responsible Summer Job competition in the category of large companies

# All of

Kojamo's premises included or becoming a part of WWF Green Office network

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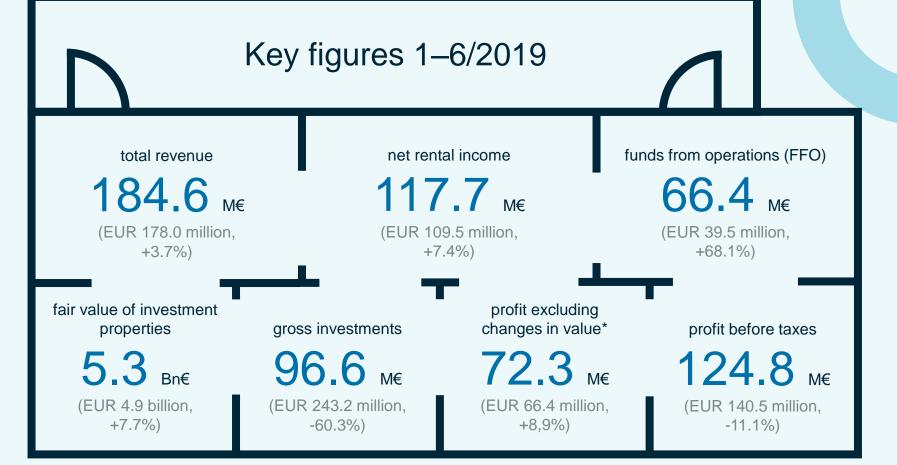
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# Outlook, financial targets and dividend policy

### We are progressing toward our strategic targets

	Strategic key figures	Actual 30 Jun 2019	Target Dec 2021
	Fair value of investment properties, Bn€	5.3	6.0
	Number of apartments	35,194	~38,000
	Equity ratio, %	41.9	> 40
3	Loan to Value (LTV), %	46.9	< 50
-14	FFO as a percentage of total revenue	36.0	<mark>&gt; 32</mark>
	Net Promoter Score (NPS)	32	40





### X Outlook for Kojamo in 2019 (specified)

Kojamo estimates that in 2019, the Group's total revenue will increase by 3–5 per cent year-on-year (previously 2–7 per cent). In addition, the company estimates that the Group's FFO for 2019 will amount to between EUR 134–144 million, excluding one-off items (previously EUR 130–143 million). Investments in new development and housing stock acquisitions are forecast to be approximately, or exceed, EUR 300 million (previously to exceed EUR 300 million). Achieving the level of EUR 300 million would require acquisitions of residential properties during the second half of the year.

The outlook takes into account the effects of the completed housing divestments and acquisitions, the estimated occupancy rate and rises in rents, as well as the number of apartments to be completed. The outlook is based on the management's assessment of total revenue, net rental income, administrative expenses, financial expenses, taxes to be paid and new development to be completed, as well as the management's view on future developments in the operating environment.

Additionally, the outlook is based on strong demand sustained by migration, which will increase like-for-like rental income. The management can influence total revenue and FFO through the company's business operations. In contrast, the management has no influence over market trends, the regulatory environment or the competitive landscape.

### **X** Dividend policy

Kojamo's objective is to be a stable dividend payer whose annual dividend payment will be at least 60 per cent of FFO, provided that the Group's equity ratio is 40 per cent or more and taking account of the company's financial position.

### **Dividend history**



DAAA Ja

\* Including extra dividend EUR 0.29 per share.

Per share key figures have been adjusted to reflect the impact of the decision by the Extraordinary General Meeting of Shareholders on 25 May, 2018 regarding the share split. In the share split the shareholders received 30 new shares per each existing share.



# Thank you!

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Kojamo plo | Carnegie Real Estate Seminar 2018

Interim Report 1–9/2019 to be published on

### 6 November 2019



# Appendix

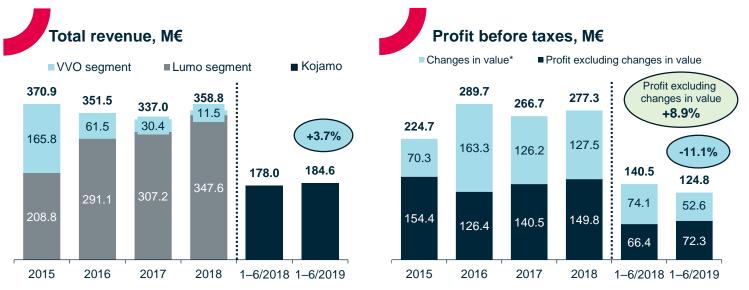
Central key figures improved during the review period: total revenue and net rental income increased, FFO improved even by 68%

X Summary of H1/2019

The occupancy rate increased supported by the development of the renting process and webstore in spite of increased supply in the market The number of rented apartments via webstore has exceeded already 12,000, MyLumo web mobile service has established its user base

## X Total revenue increased

- Total revenue increased by 3.7 per cent from the comparison period
- Profit excluding changes in value increased, but smaller changes in value had an impact on profit before taxes

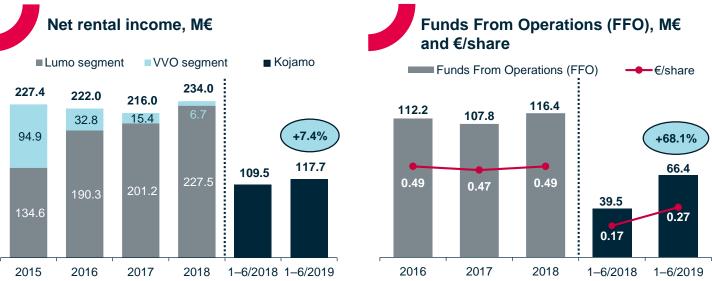


\* Changes in value = Profit/loss on fair value of investment properties



### X Net rental income and FFO increased

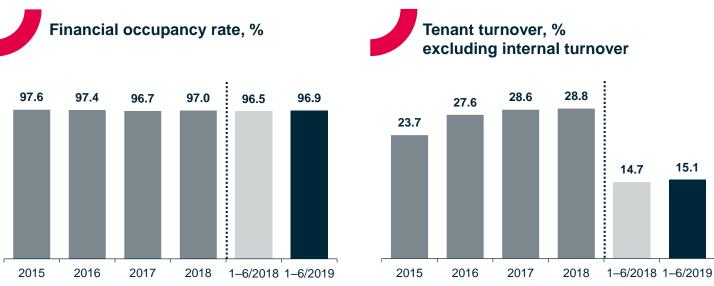
- Net rental income developed positively and increased by 7.4 per cent
- In addition to improved net rental income, lower income taxes than in the comparison period had an effect on FFO growth



Changes in the total number of Kojamo shares have an impact on relative development of FFO per share. Per share key figures have been adjusted to reflect the impact of the decision by the Extraordinary General Meeting of Shareholders on 25 May, 2018 regarding the share split. In the share split the shareholders received 30 new shares per each existing share.

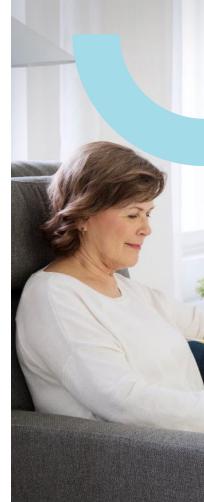
# X Occupancy rate increased

Occupancy rate increased despite of slight increase in tenant turnover



Financial occupancy rate = (Rental income / potential rental income at full occupancy) x 100. Financial occupancy rate does not include apartments under renovation. Tenant turnover = (terminated rental agreements under the period / number of apartments) x 100

The calculation method of tenant turnover has been changed, starting from 1 January 2017. The comparison data has not been modified to reflect the new calculation method. Kojamo plc | Carnegie Real Estate Seminar 2019



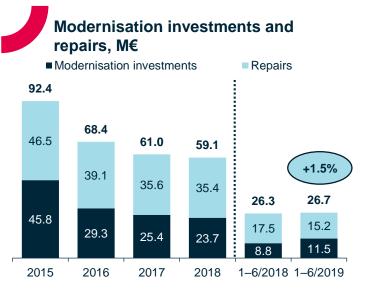
## **X** Gross investments

Investments proceeding according to strategy

### Gross investments and sales of investment properties, M€



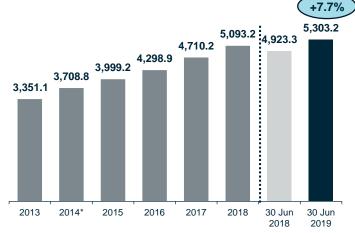






### The value of investment properties increasing in line with strategy

- The fair value of investment properties increased by 7.7 per cent
- Kojamo announced to change from transaction-based valuation technique to yield-based valuation technique as of 31 December 2019

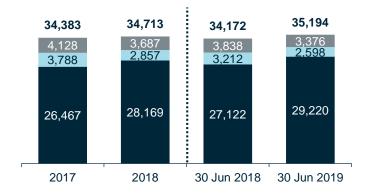


(at the end of the review period)

Fair value of investment properties, M€<sup>1)</sup>

Number of apartments by valuation classes (at the end of the review period)

■ Balance sheet value ■ Yield value ■ Transaction value



\*As of 2014, the Group adopted IFRS for its financial reporting.

1) Investment properties include completed apartments, development projects and land areas as well as investment properties held for sale.



### Plot and real estate development reserve 30 June 2019

by the company	M€	1,000 fl.sq.m.	Apartments
Plots	43.2	70	~1,100
Plots and existing residential building	28.8	44	~700 <sup>2)</sup>
Conversions	92.5	81	~1,300
Total <sup>1)</sup>	164.5	195	3,125

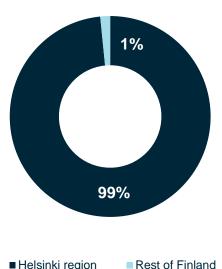
Plots and real estate development sites owned

### Binding preliminary agreements and reservations for plots and real estate development

	M€	1,000 fl.sq.m.	Apartments
Preliminary agreements for new construction (inc. plots)	121.8		
Estimated share of plots 1)	17.5	27	~430
Preliminary agreements and reservations for plots <sup>1)</sup>	49.2	68	~1,100

1) The management's estimate of the fair value, building rights of plots and number of apartments. 2) The management's estimate, currently approximately 300 apartments in existing residential buildings

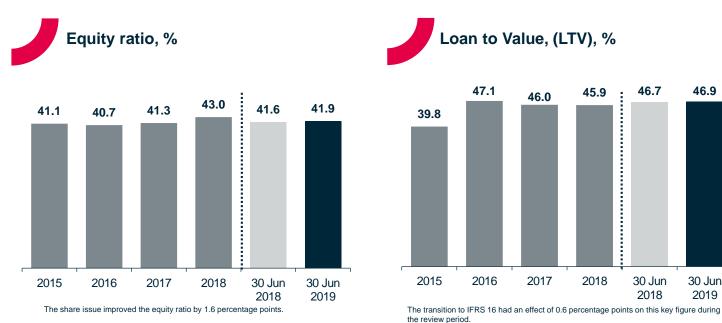
Regional division of plot and real estate development reserve per sq. m., %





## Equity ratio improved

Equity ratio and Loan to Value (LTV) were in line with financial targets ٠



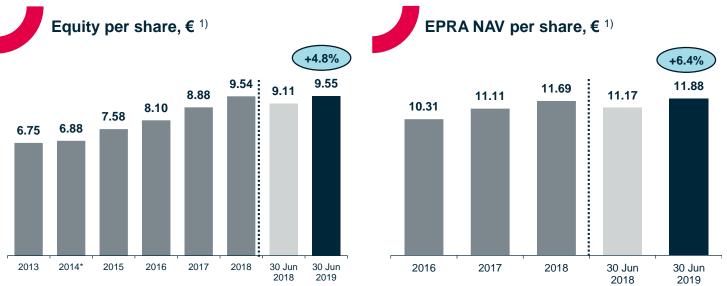
46.9

30 Jun

2019

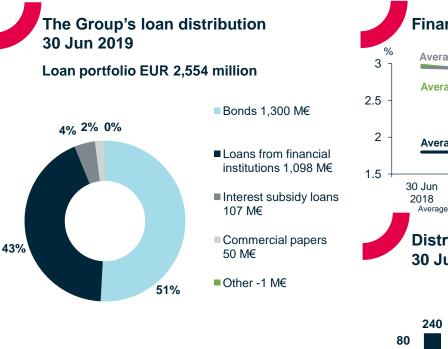
# EPRA NAV per share improved

• Key figures per share improved



\* As of 2014, the Group adopted IFRS for its financial reporting. 1) Key figures have been adjusted to reflect the impact of the decision by the Extraordinary General Meeting of Shareholders on 25 May, 2018 regarding the share split. In the share split the shareholders received 30 new shares per each existing share.

### X Versatile capital structure

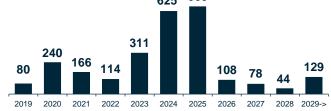




Average interest rate includes interest rate derivatives



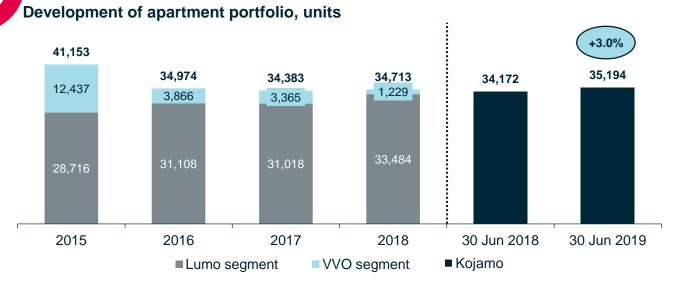
**Distribution of the Group's loan maturities** 30 Jun 2019, M€ 625 660





## X The apartment portfolio grew

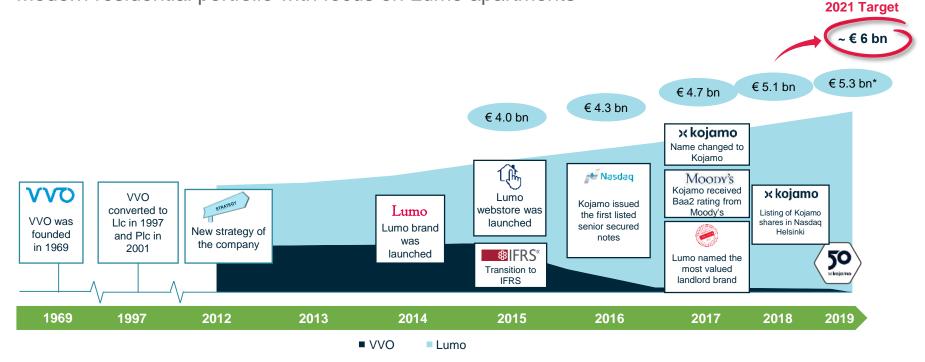
• During the review period, 4 (1,812) apartments were sold, 99 (981) acquired and 383 (689) completed





### Kojamo evolution: From VVO Group to Kojamo

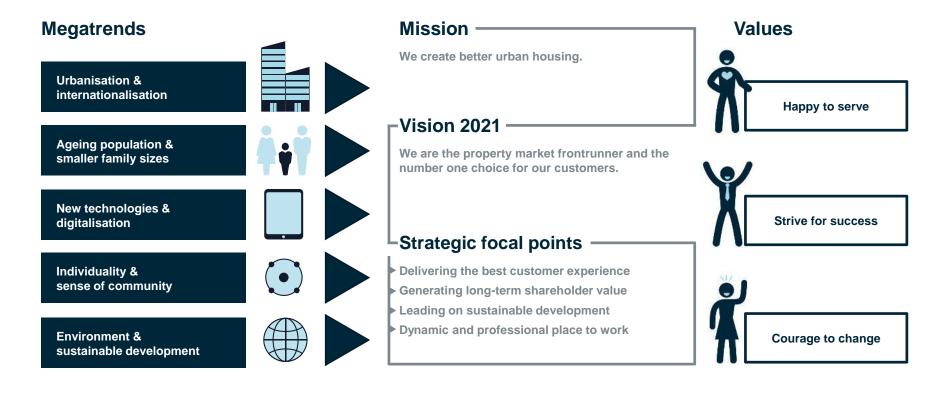
Modern residential portfolio with focus on Lumo apartments



### As of 2014, the Group adopted IFRS for its financial reporting.

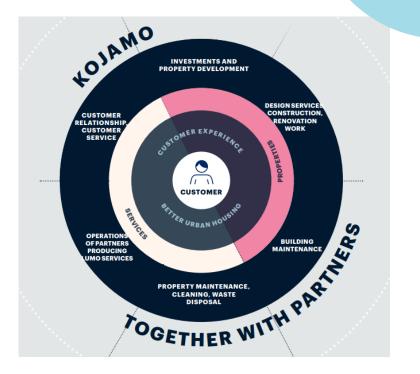
The graph above illustrates the development of fair value of investment properties. Investment properties include completed apartments, development projects and land areas as well as investment properties held for sale. \*30 Jun 2019

## 🔀 Kojamo plc's strategy



### X Customer experience at the center

- We focus on creating excellent customer experience, which comes from versatile living solutions, easy contacting and fluent digital services. Our homes are located close to good transport connections and services
- We develope new living services and solutions together with our tenants and partners. By offering our capabilities to a service and innovation platform we promote the servitization of urban living



### Services enabling better urban living

	Unique Lumo webstore	Lumo is a home full of services	Activities and other benefits to customers	Constantly improving customer experience
	<ul> <li>The only residential real estate company with a web platform offering all the services from choosing apartment to moving in</li> </ul>	<ul> <li>Comprehenive services that make living easier and more convenient</li> </ul>	<ul> <li>Activities and other benefits such as free events to enrich living in Lumo communities</li> </ul>	<ul> <li>Developing digital housing services and smart home solutions to improve convenient living</li> </ul>
Lumo	$\checkmark$	✓	✓	√ _
Common market practice in Finland <sup>1</sup>	×	×	×	×

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Source: Company 1 Common market practice is defined so, that over 75% of the market treased on the number of apartments is applying the practice is defined so.

## Sustainability is part of our operations

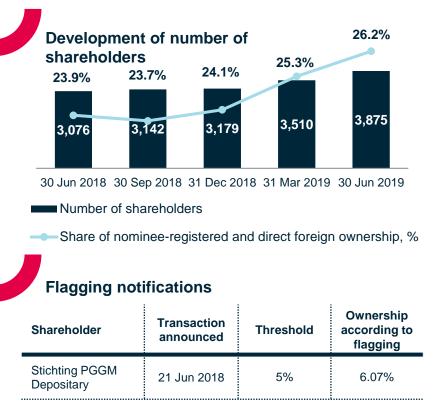
- Kojamo is committed to developing new and modern construction solutions, housing services and ecological innovations related to energy-efficient housing solutions. All of Kojamo's new construction projects utilising own plot reserves will be nearly zero-energy buildings in accordance with FInZEB concepts and guidelines. In addition, Kojamo will focus on managing the energy consumption of the buildings in its portfolio
- Kojamo and Leanheat Oy, a provider of artificial intelligence solutions for controlling district heating, have signed an agreement in October 2018 to use Leanheat's AI-based IoT solution to control the indoor temperature of approximately 29,000 Kojamo-owned apartments. The agreement covers 80 per cent of the housing stock owned by Kojamo
- Kojamo joined the Rental Property Energy Efficiency Agreement after reaching the targets of the plan that ended in 2016. Under the new agreement period that started in 2017, we pursue energy savings of 7.5 per cent by 2025
- We are the Climate Partner of the City of Helsinki and the only Finnish real estate company in the Climate Leadership Coalition
- The residents of Lumo homes have an opportunity to enjoy eco-friendly motoring. Anyone living in a Lumo home can reserve a shared car, that are self-charging full hybrid vehicles since summer
- The anti-grey economy models used by Kojamo exceed legislative requirements in many respects



### Kojamo's ten largest shareholders (30 Jun 2019)

	Shareholder	Number of shares	% of shares
1.	Ilmarinen Mutual Pension Insurance Company	32,359,243	13.1
2.	Varma Mutual Pension Insurance Company	30,398,089	12.3
3.	The Finnish Industrial Union	28,954,557	11.7
4.	Trade Union for the Public and Welfare Sectors	15,630,222	6.3
5.	Trade Union of Education in Finland	15,081,498	6.1
6.	Finnish Construction Trade Union	14,880,053	6.0
7.	Trade Union PRO	12,460,270	5.0
8.	Service Union United PAM	10,901,963	4.4
9.	Åbo Akademi University Foundation	2,198,763	0.9
10.	Suomen Elintarviketyöläisten Liitto Sel Ry, Finlands Livsmedelsarbetar	1,714,790	0.7
	minee-registered and direct foreign areholders	64,741,231	26.2
Ot	her Finnish shareholders	17,823,720	7.2
То	tal	247,144,399	100.0

Source: Euroclear Finland





	4–6/2019	4–6/2018	Change,%	1–6/2019	1–6/2018	Change,%	2018
Total revenue, M€	93.1	89.8	3.7	184.6	178.0	3.7	358.8
Net rental income, M€	66.8	61.4	8.8	117.7	109.5	7.4	234.0
Net rental income margin of total revenue, %	71.8	68.4		63.8	61.5		65.2
Profit before taxes, M€	85.9	91.5	-6.1	124.8	140.5	-11.1	277.3
Gross investments, M€	58.6	39.5	48.4	96.6	243.2	-60.3	365.2
Funds From Operations (FFO), M€	40.1	17.6	127.5	66.4	39.5	68.1	116.4
FFO per share, € <sup>1)</sup>	0.16	0.08	100.0	0.27	0.17	58.8	0.49
Financial occupancy rate, %				96.9	96.5		97.0
Fair value of investment properties, Bn€ 2)				5.3	4.9	7.7	5.1
Number of apartments				35,194	34,172		34,713
Rental apartments under construction				1,329	1,214		1,064
EPRA NAV per share, € 1)				11.88	11.17	6.4	11.69
Equity ratio, %				41.9	41.6		43.0
Loan to Value (LTV), % <sup>3) 4)</sup>				46.9	46.7		45.9

1) Key figures have been adjusted to reflect the impact of the decision by the Extraordinary General Meeting of Shareholders on 25 May, 2018 regarding the share split. In the share split the shareholders received 30 new shares per each existing share. 2) Including items held for sale. 3) Excluding items held for sale 4) The transition to IFRS 16 had an effect of 0.6 percentage points on this key figure during the review period

### Consolidated income statement

M€	4–6/2019	4–6/2018	1–6/2019	1–6/2018	1–12/2018
Total revenue	93.1	89.8	184.6	178.0	358.8
Maintenance expenses	-17.8	-18.4	-51.7	-50.9	-89.5
Repair expenses	-8.5	-9.9	-15.2	-17.5	-35.4
Net rental income	66.8	61.4	117.7	109.5	234.0
Administrative expenses	-10.5	-11.2	-19.8	-20.2	-38.6
Other operating income and expenses	0.5	0.4	0.9	0.7	1.1
Profit/loss on sales of investment properties	0.0	0.4	0.0	1.0	1.0
Profit/loss on sales of trading properties	0.1	0.0	0.1	0.0	0.1
Profit/loss on fair value of investment properties	42.2	53.4	52.6	74.1	127.5
Depreciation, amortisation and impairment losses	-0.3	-0.2	-0.6	-0.4	-0.8
Operating profit	98.9	104.2	150.9	164.6	324.2
Total amount of financial income and expenses	-13.0	-12.7	-26.1	-24.1	-47.1
Share of result from associated companies			0.0		0.2
Profit before taxes	85.9	91.5	124.8	140.5	277.3
Current tax expense	-4.4	-20.7	-8.0	-27.8	-34.1
Change in deferred taxes	-13.7	1.7	-16.9	-1.4	-21.4
Profit for the period	67.8	72.5	100.0	111.2	221.8

### X Balance sheet

M€	30 Jun 2019	30 Jun 2018	31 Dec 2018
ASSETS			
Non-current assets			
Intangible assets	0.2	0.3	0.2
Investment properties	5,279.5	4,923.3	5,093.2
Property, plant and equipment	31.2	30.7	30.5
Investments in associated companies	2.2	2.6	2.2
Financial assets	0.6	0.5	0.6
Non-current receivables	5.1	5.5	5.3
Derivatives	0.4	3.0	1.5
Deferred tax assets	17.7	11.1	10.8
Total non-current assets	5,336.9	4,977.0	5,144.3
Non-current assets held for sale	23.8		
Current assets			
Trading properties	0.3	0.4	0.4
Derivatives	0.3	0.5	0.7
Current tax assets	2.4	9.0	9.3
Trade and other receivables	8.8	11.0	8.3
Financial assets	127.4	180.6	172.3
Cash and cash equivalents	139.1	242.9	150.1
Total currents assets	278.2	444.5	341.1
TOTAL ASSETS	5,638.9	5,421.5	5,485.4

### X Balance sheet

M€	30 Jun 2019	30 Jun 2018	31 Dec 2018
EQUITY AND LIABILITIES			
Equity attributable to shareholders of the parent company			
Share capital	58.0	58.0	58.0
Share issue premium	35.8	35.8	35.8
Fair value reserve	-49.4	-19.4	-23.9
Invested non-restricted equity reserve	164.4	164.6	164.4
Retained earnings	2,151.3	2,013.4	2,123.7
Equity attributable to shareholders of the parent company	2,360.1	2,252.4	2,358.1
Total equity	2,360.1	2,252.4	2,358.1
Non-current liabilities			
Loans and borrowings	2,386.9	2,434.8	2,391.7
Deferred tax liabilities	516.4	480.2	499.0
Derivatives	77.0	41.1	44.6
Provisions	0.6	0.7	0.6
Other non-current liabilities	14.0	14.0	14.0
Total non-current liabilities	2,994.8	2,970.8	2,949.9
Liabilities related to non-current assets held for sale	0.2		
Current liabilities			
Loans and borrowings	229.2	105.4	93.9
Derivatives	0.1	0.4	0.1
Current tax liabilities	0.7	24.1	13.5
Trade and other payables	53.6	68.3	69.9
Total current liabilities	283.7	198.3	177.3
Total liabilities	3,278.7	3,169.1	3,127.2
TOTAL EQUITY AND LIABILITIES	5,638.9	5,421.5	5,485.4

### **X** Financial key figures

	30 Jun 2019	31 Mar 2019	31 Dec 2018	30 Sep 2018	30 Jun 2018
Equity ratio, %	41.9	40.7	43.0	42.2	41.6
Interest cover	4.4	4.3	4.3	4.3	4.2
Loan to Value (LTV), % <sup>1) 2)</sup>	46.9	46.7	45.9	46.2	46.7
Hedging ratio, %	89	93	94	94	92
Average interest rate, %3)	1.8	1.8	1.8	1.8	1.8
Average loan maturity, years	5.1	5.3	5.5	5.6	5.9
Average interest rate fixing period, years	5.4	5.6	5.8	5.7	5.8

1) The transition to IFRS 16 had an effect of 0.6 percentage points on this key figure during the review period

2) Excluding items held for sale

3) Includes interest rate derivatives

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