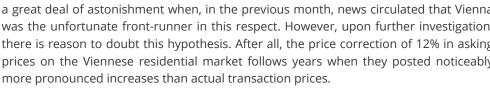
# Focus real estate: Vienna — epicenter of the European real estate correction?

June 7, 2023 10:11 CEST

Across Europe, residential property prices are in a downward spiral. Recently, there was a great deal of astonishment when, in the previous month, news circulated that Vienna was the unfortunate front-runner in this respect. However, upon further investigation, there is reason to doubt this hypothesis. After all, the price correction of 12% in asking prices on the Viennese residential market follows years when they posted noticeably





Vienna: Asking prices are not equal to transaction prices

Austrian federal states: So far only a moderate correction of asking prices

Different ownership structure explains different asking price developments

Disclaimer

2

Analyst

#### Vienna: Asking prices are not equal to transaction prices

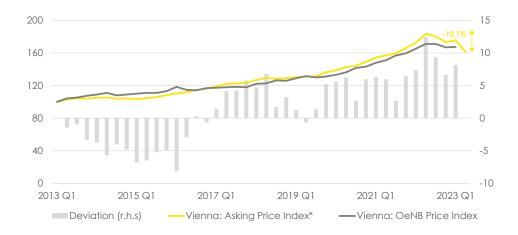
In May, news articles were released that put Vienna into focus as the epicenter of the European real estate market correction. According to a cited ranking, apartments in Vienna have fallen in price by 12% since the peak recorded in the previous year more than in any other of the European cities surveyed. What is to be made of this? In principle, a distinction must be made between asking and transaction prices. While the former initially reflect the seller's wishful thinking, the latter represents the actual selling price achieved. Indeed, according to data from immopreise.at (the data source which was referred to in the ranking), (unweighted) average advertised prices in all Viennese districts have declined by the aforementioned 12% since the price peak recorded in the second quarter of the previous year. However, this does not necessarily imply that transaction prices will decrease in a similar fashion. Since the beginning of 2013, asking prices have continued to outpace actual transaction prices. Desire and reality were thus increasingly diverging (at the peak by 12%, relative to the base value Q1 2013). Due to rising rates and tightened regulation, offer prices in Vienna are now being brought back to reality. It is therefore to be expected that the correction in transaction prices will be less pronounced than suggested when looking at asking prices. In this context, it should be mentioned that the ranking of European cities utilized both asking and transaction prices.

#### Fabian BLASCH

+43 1 71707-1775 fabian.blasch@rbinternational.com

## **Matthias REITH**

Analyst Editor +43 1 71707-6741 matthias.reith@rbinternational.com



<sup>\*</sup>The asking price index was calculated utilizing asking prices from immopreise.at using 2013 Q1 as the base value. The same point in time was used as the base value for OeNB's price index (transaction prices). Source: immopreise.at, OeNB, RBI/Raiffeisen Research

### Austrian federal states: So far only a moderate correction of asking prices

Furthermore, a broader look at Austria excluding Vienna shows that "Vienna is different". Although asking prices of single-family homes (these represent the more relevant category outside of Vienna) in the rest of Austria (AT excl. Vienna) have outpaced transaction prices by an even greater margin than those of Viennese apartments in recent years, at times deviating by more than 20%, prospective sellers of single-family homes have only decreased their asking prices by a comparatively moderate 4.5% since the peak; using quarterly averages, the figure only amounts to 3.7%. How does that fit into the picture?



\*The asking price index was calculated utilizing asking prices from immopreise.at using 2013 Q1 as the base value. The same point in time was used as the base value for OeNB's price index (transaction prices). Source: immopreise.at, OeNB, Statistik Austria, RBI/Raiffeisen Research

#### Different ownership structure explains different asking price developments

One possible explanation for this quite heterogeneous development is the difference in ownership structure in the respective markets. In Vienna, the ownership rate amounted to 19.3% in 2021. This means that not even one in five Viennese households lives in their own home. In comparison, the ownership rate in the other federal states (population-weighted) was 56%. Clearly, there are differences in the ownership structure between the capital and the rest of Austria, and this is of significant importance in this context. After all, scientific studies (e.g. Genesove and Mayer, The Quarterly Journal of Economics, November 2001) have shown that small investors and people who live in their own homes feature a significantly higher loss aversion when it comes to selling residential real estate. It is therefore quite likely that the differences in asking price developments between Vienna (significant decline) and the

2

other provinces (comparatively moderate decline) are not so much caused by past price dynamics (which were more dynamic in AT excl. Vienna), but rather by differences in the ownership structure. Of course, this also has implications for future price developments in the compared market segments. The literature not only shows that small investors tend to adjust their price expectations slower but also that their **increased loss aversion prevents them from selling properties at prices that would result in significant losses being realized.** Among large-scale investors, who typically make more frequent shifts in their investment portfolios, the willingness to realize losses in the short term is higher.

Against this backdrop, at least, it should not come as a surprise if the **price corrections** in Vienna turn out more pronounced than in the rest of Austria. However, this does not necessarily mean that Vienna will also become the epicenter of the European property price correction.



#### Disclosure

# Risk notifications and explanations

#### Warnings:

- Figures on performance refer to the past. Past performance is not a reliable indicator for future results and the development of a financial instrument, a financial index or a securities service. This is particularly true in cases when the financial instrument, financial index or securities service has been offered for less than 12 months. In particular, this very short comparison period is not a reliable indicator for future results.
- Performance of a financial instrument, a financial index or a securities service is reduced by commissions, fees and other charges, which depend on the individual circumstances of the investor.
- The return on an investment in a financial instrument, a financial or securities service can rise or fall due to exchange rate fluctuations.
- Forecasts of future performance are based purely on estimates and assumptions. Actual future performance may deviate from the forecast. Consequently, forecasts are not a reliable indicator for future results and the development of a financial instrument, a financial index or a securities service.

A description of the concepts and methods used in the preparation of financial analyses is available under: www.raiffeisenresearch.com/concept\_and\_methods.

Detailed information on sensitivity analyses (procedure for checking the stability of potential assumptions made in the context of financial analyses) is available under: <a href="https://www.raiffeisenresearch.com/sensitivity\_analysis">www.raiffeisenresearch.com/sensitivity\_analysis</a>.

Disclosure of circumstances and interests which may jeopardise the objectivity of RBI: <a href="www.raiffeisenresearch.com/">www.raiffeisenresearch.com/</a> disclosuresobjectivity.

Detailed information on recommendations concerning financial instruments or issuers disseminated during a period of 12 month prior to this publication (acc. to Art. 4 (1) i) Commission Delegated Regulation (EU) 2016/958 of 9.3.2016) is available under: <a href="https://raiffeisenresearch.com/web/rbi-research-portal/recommendation\_history">https://raiffeisenresearch.com/web/rbi-research-portal/recommendation\_history</a>.

#### **IMPORTANT LEGAL NOTICE**

By opening and/or using the information, services, links, functions, applications or programmes (hereinafter: "contents"") offered on this website, the user hereby agrees to be bound by the terms and conditions set out below:

#### **Copyright law**

The contents offered on this website and subsites (hereinafter: the "RBI Research-Website") are protected by copyright law. The downloading or storage of applications or programmes contained on the RBI Research-Website and the (complete or partial) reproduction, transmission, modification or linking of the contents of the RBI Research-Website shall only be permitted with the express and written consent of Raiffeisen Bank International AG ("RBI"").

### Information content, timeliness of information

The contents of the RBI Research-Website you are seeking to access is for information only and does neither qualify as investment advice nor constitute or form part of any offer to buy or sell any securities or other financial instruments as defined in Article 5 para 1 number 15 of EU Directive 2014/65 ("MiFID II") in any jurisdiction or jurisdictions, (and must not be considered in any way as an offer or sale in relation to any securities or other financial instrument). In particular, no securities have been or will be registered under the United States Securities Act of 1933, as amended (the "Securities Act"), and no such securities may be offered or sold in the United States absent registration or exemption from registration under the Securities Act.

RBI has made every effort to ensure reliability in researching the information published on the RBI Research-Website or sent via RBI Research-Website as well as in selecting the source of information used. Nonetheless, RBI does not assume any liability whatsoever



for the correctness, completeness, timeliness or uninterrupted availability of the information made available on the RBI Research-Website or as regards the sources of information used.

The information contained on the RBI Research-Website as well as forecasts published on the RBI Research-Website are based on the information available and the market assessment at the point in time stated in the respective publications. Certain information on this website constitutes forward-looking statements. RBI does not assume and hereby as far as possible expressly excludes any liability for the correctness, completeness or actual occurrence of the events described in the forward-looking statements. Such statements are not guarantees of future performance and involve a number of risks, uncertainties and assumptions. Certain financial data (e.g. stock exchange prices) may in some cases only be published after a certain interval of time has lapsed as defined by the data vendor (usually about 15 minutes or previous day end-of-day quotes). Furthermore, please note that many of the times are given in Greenwich Mean Time (GMT).

You agree and acknowledge that the information and statements contained in the materials you are accessing on the RBI Research-Website speak only as of the date of such document and such information and statements will become inaccurate, stale and/or out-of-date thereafter. These materials should not be relied upon at any time for any investment decision.

RBI assumes no responsibility to maintain documents posted on the RBI Research-Website or to update any documents. Therefore, users of the RBI Research-Website acknowledge that the content of documents available on the RBI Research-Website may not show the most recent scenarios, analysis or conclusions.

#### Restricted access due to local regulations

Users of the RBI Research-Website can access some documents and information without registration requirements and without further barriers (the respective area on the RBI Research-Website is hereinafter referred to as "Unrestricted Area"). By accessing the Unrestricted Area, you agree and acknowledge that the materials on the RBI Research-Website may lawfully be made available in accordance with the laws of the jurisdiction in which you are located.

Other documents are only available to persons who have registered themselves in accordance with the required procedure. The part of the RBI Research-Website which can only be acceded by way of registration is hereinafter referred to as "Restricted Area").

Due to the laws applicable in some jurisdictions or regulations imposed by capital market or securities authorities, some of the information published on the RBI Research-Website (e.g. stock analyses) is not addressed to private individuals. In order to ensure the enforcement of such local access restrictions, RBI retains the right to take any (technical) measures it may deem suitable for restricting such information or segments of information subject to the aforementioned restrictions. The passing on of information contained on the RBI Research-Website, which is subject to local access restrictions valid in certain countries, to the persons stated in the relevant restrictions may constitute a breach of securities law or of other laws of said countries.

The distribution or dissemination of information published on the RBI Research-Website as well as the purchase and offering of the respective products in certain jurisdictions may be subject to restrictions or additional requirements. Persons who retrieve such information from the RBI Research-Website or into whose possession such information comes are required to inform themselves about and to observe such restrictions. In particular, the products to which such information published on the RBI Research-Website refers, may generally not be purchased or held by U.S. persons (the term "U.S. person" refers to any legal/natural person having its seat/residence in the U.S.A and any other person within the meaning given to it by Regulation S under the Securities Act 1933 as amended).

Users of the Unrestricted Area should be aware that the documents available on this part of the RBI Research-Website are not made available on the basis that any customer relationship is created between RBI and such user solely on the basis of such user having access to the respective documents. The documents available in the Unrestricted Area are intended to be available to users in the European Economic Area and in the United Kingdom.



#### Links to websites or URLs of third-party providers

With the exception of the cases regulated under § 17 of the Austrian E-Commerce Act, RBI does not assume any liability for the content of websites or URLs of other providers to which links are provided. Neither does RBI assume any liability for the uninterrupted availability or full functionality of the links to websites or URLs of third parties.

#### **Exclusion of liability**

RBI makes no warranty and will accept no liability for any damages whatsoever (including consequential or indirect damages, or lost profits) relating to the access to the RBI Research-Website, the opening, use or querying of the contents on the RBI Research-Website or relating to the links set up on the RBI Research-Website to websites or URLs of third parties. This applies also in cases in which RBI points out the possibility of incurring such damages.

Furthermore, RBI shall not be liable for technical disruptions such as server breakdowns, operating disruptions or failures of the telecommunications links and other similar events, which could lead to the (temporary) unavailability of the RBI Research-Website as a whole or parts of it.

#### Storage of registration data

The content in the Restricted Area of the RBI Research-Website is only available to registered users. By sending the completed online registration form, the user confirms the completeness and correctness of the data given and also confirms having truthfully answered the questions asked. Furthermore, by sending the completed online form, the user hereby declares his or her consent to the electronic processing of his or her registration data by RBI for both internal banking organisational purposes and for transmission to other credit institutions within the Raiffeisen Banking Group, which may in turn also process, pass on or use such data.

#### Changes to the RBI Research-Website

RBI retains the right to change and to remove the RBI Research-Website at any time (if necessary also without prior notice), in particular as regards changing existing contents (in full or in part) and adding new contents.

#### General terms and conditions of business

For (authorised) users who use the services of RBI provided on the RBI Research-Website, the General Terms and Conditions of Business, as amended, of RBI shall apply in addition to the terms and conditions of this Disclaimer.

Please also take note of the general information provided pursuant to § 5 of the E-Commerce Act!

Thomas SternbachLegal and ComplianceRaiffeisen Bank International AGAm Stadtpark 9, 1030 WienTel: +43-1-71707-1541Fax: +43-1-71707-761541thomas.sternbach@rbinternational.com

IF YOU CANNOT SO CERTIFY, YOU MUST CLICK THE BUTTON LABELLED "I DECLINE" OR OTHERWISE EXIT THIS WEBSITE.

BY ACCESSING THE MATERIALS ON THIS WEBSITE, YOU SHALL BE DEEMED TO HAVE MADE THE ABOVE REPRESENTATIONS AND CONSENTED TO DELIVERY BY ELECTRONIC TRANSMISSION.



FABIAN BLASCH	GUNTER DEUBER	CASPER ENGELEN
<ul><li>② Austria</li><li>□ ,</li><li>☑ fabian.blasch@rbinternational.com</li></ul>	<ul><li>② Austria</li><li>☐ gunter.deuber@rbinternational.com</li></ul>	<ul><li>② Austria</li><li>□ ,</li><li>□ casper.engelen@rbinternational.com</li></ul>
AMADEA HIESS	MATTHIAS REITH	GOTTFRIED STEINDL
<ul><li>② Austria</li><li>☑ ,</li><li>☑ amadea.hiess@rbinternational.com</li></ul>	<ul><li></li></ul>	<ul><li>② Austria</li><li>□ ,</li><li>☑ gottfried.steindl@rbinternational.com</li></ul>
MARKUS TSCHAPECK	FRANZ ZOBL	BRISIDA BUZI
<ul><li>② Austria  ☐ , </li><li>☐ markus.tschapeck@rbinternational.com</li></ul>		<ul><li>② Albania</li><li>□ ,</li><li>☑ Brisida.BUZI@raiffeisen.al</li></ul>
VALBONA GJEKA	FJORENT RRUSHI	ARISTEA VLLAHU
<ul><li>② Albania</li><li>□ ,</li><li>☑ valbona.gjeka@raiffeisen.al</li></ul>		<ul><li>② Albania</li><li>□ ,</li><li>☑ Aristea.Vllahu@raiffeisen.al</li></ul>
OLGA ZHEGULO	ASJA GRDJO	IVONA ZAMETICA
<ul><li>② Belarus</li><li>☑ olga.zhegulo@priorbank.by</li></ul>	<ul><li>② Bosnia Herzegovina □ ,</li><li>☑ asja.grdjo@raiffeisengroup.ba</li></ul>	<ul><li>② Bosnia Herzegovina</li></ul>
MIRZA ZORNIC	ELIZABETA SABOLEK-RESANOVIC	ZRINKA ZIVKOVIC-MATIJEVIC
	<ul><li>♥ Croatia</li><li>♥ elizabeta.sabolek-resanovic@rba.hr</li></ul>	
HELENA HORSKA	LEVENTE BLAHÓ	GERGELY PÁLFFY
© Czech Republic □ ,  Melena.Horska@rb.cz		
ZOLTÁN TÖRÖK	DOROTA STRAUCH	NICOLAE COVRIG
⊕ Hungary	<ul><li></li></ul>	<ul><li></li></ul>
ANDREEA-ELENA DRAGHIA	IONUT DUMITRU	ANASTASIA BAYKOVA
<ul><li>② Romania</li><li>☑ ,</li><li>☑ Andreea-Elena.DRAGHIA@raiffeisen.ro</li></ul>		
GREGORY CHEPKOV	STANISLAV MURASHOV	LJILJANA GRUBIC
	<ul><li></li></ul>	Serbia     □     ☐
TIBOR LORINCZ	SERHII KOLODII	OLEKSANDR PECHERYTSYN
<ul><li>Slovakia</li></ul>	∪ Ukraine	Ukraine      □ ,     oleksandr.pecherytsyn@raiffeisen.ua

# **Imprint**

Information requirements pursuant to the Austrian E-Commerce Act

Raiffeisen Bank International AGRegistered Office: Am Stadtpark 9, 1030 ViennaPostal address: 1010 Vienna, Postfach 50Phone: +43-1-71707-1846Fax: +43-1-71707-1848

Creation time of this publication: 07/06/2023 10:11 A.M. (CEST) ;

First Dissemination of this publication: 07/06/2023 10:11 A.M. (CEST)



Company Register Number: FN 122119m at the Commercial Court of ViennaVAT Identification Number: UID ATU 57531200Austrian Data Processing Register: Data processing register number (DVR): 4002771S.W.I.F.T.-Code: RZBA AT WW

Supervisory Authorities: As a credit institution (acc. to § 1 Austrian Banking Act; Bankwesengesetz) Raiffeisen Bank International AG is subject to the supervision by the Austrian Financial Market Authority (FMA, Finanzmarktaufsicht) and the National Bank of Austria (OeNB, Oesterreichische Nationalbank). Additionally, RBI is subject to the supervision by the European Central Bank (ECB), which undertakes such supervision within the Single Supervisory Mechanism (SSM), which consists of the ECB and the national responsible authorities (Council Regulation (EU) No 1024/2013 - SSM Regulation). Unless set out herein explicitly otherwise, references to legal norms refer to norms enacted by the Republic of Austria.

Membership: Austrian Federal Economic Chamber, Federal Bank and Insurance Sector, Raiffeisen Association.

#### Statement pursuant to the Austrian Media Act

Publisher and editorial office of this publication Raiffeisen Bank International AGAm Stadtpark 9, A-1030 Vienna Media Owner of this publication Raiffeisen RESEARCH – Verein zur Verbreitung von volkswirtschaftlichen Analysen und Finanzmarktanalysen Stadtpark 9, A-1030 Vienna Executive Committee of Raiffeisen RESEARCH – Verein zur Verbreitung von volkswirtschaftlichen Analysen und Finanzmarktanalysen: Mag. Gunter Deuber (Chairman), Mag. Helge Rechberger (Vice-Chairman) Raiffeisen RESEARCH – Verein zur Verbreitung von volkswirtschaftlichen Analysen und Finanzmarktanalysen is constituted as state-registered society. Purpose and activity are (inter alia), the distribution of analysis, data, forecasts and reports and similar publications related to the Austrian and international economy as well as financial markets. Basic tendency of the content of this publication

- Presentation of activities of Raiffeisen Bank International AG and its subsidiaries in the area of conducting analysis related to the Austrian and international economy as well as the financial markets.
- Publishing of analysis according to various methods of analyses covering economics, interest rates and currencies, government and corporate bonds, equities as well as commodities with a regional focus on the euro area and Central and Eastern Europe under consideration of the global markets.

Producer of this publication Raiffeisen Bank International AGAm Stadtpark 9, A-1030 Vienna