Tobias Just
Wolfgang Maennig
Editors

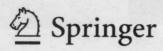
Understanding German Real Estate Markets



Tobias Just · Wolfgang Maennig Editors

Understanding German Real Estate Markets





Editors
Tobias Just
Deutsche Bank AG
DB Research
Taunusanlage 12
60325 Frankfurt
IREIBS Immobilienakademie at the
University of Regensburg
Germany
tobias.just@irebs.de

Wolfgang Maennig Von-Melle-Park 5 20146 Hamburg University of Hamburg Department of Economics Germany w.maennig@arcor.de

ISBN 978-3-642-23610-5 e-ISBN 978-3-642-23611-2 DOI 10.1007/978-3-642-23611-2 Springer Heidelberg Dordrecht London New York

Library of Congress Control Number: 2011939487

© Springer-Verlag Berlin Heidelberg 2012

This work is subject to copyright. All rights are reserved, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilm or in any other way, and storage in data banks. Duplication of this publication or parts thereof is permitted only under the provisions of the German Copyright Law of September 9, 1965, in its current version, and permission for use must always be obtained from Springer. Violations are liable to prosecution under the German Copyright Law.

The use of general descriptive names, registered names, trademarks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

Printed on acid-free paper

Springer is part of Springer Science+Business Media (www.springer.com)

Management for Professionals

Foreword

The German economy is the largest economy in Europe and ranks fourth in the world. Property values in Germany reflect that importance: the net fixed assets currently amount to approximately 8 trillion euros, of which approximately 60% is residential property, 25% is commercial and 15% is public real estate and infrastructural construction. This market size ensures liquidity, market access and relevance to investors, analysts and university graduates.

I am convinced that international investors, project developers, financial auditors, bankers, lawyers, tax experts and, last but not least, scientists find it exciting to study German real estate markets, as they are unique in some respects and have changed considerably during the last two decades. At the forefront of this change was the German reunification, which led to investments of trillions of euros. Within 10 years, the real estate markets in the New Länder (Eastern Germany) were integrated into the free market economy system of the Old Länder (Western Germany). This rather difficult integration process is continuing and will have an impact on future developments, e.g., the ongoing decline of the number of residents in Eastern Germany. The experiences gained from the changes in the German real estate sector are of interest to regions in Europe and throughout the world that will be facing similar demographic problems in the next few decades.

It is important to point out that the property markets in Germany were able to escape the problems that affected many other markets in industrialised and non-industrialised countries before and after the financial crisis. Many people inside and outside Germany wondered about the stability of the German real estate sector. Specifically, what were the reasons for this stability, and is it possible to derive conclusions for other property market regulations from them? Investors may ask whether the special development of the German property markets could present a good opportunity to commit financially to this sector. As I said, it is in fact worthwhile to analyse German real estate markets.

I would like to draw your attention to another fact: many building standards in Germany are considered to be pioneering. Moreover, in view of energy efficiency,

vi Foreword

German real estate is considered to be of the highest standard, not only for a small group at the top, but also for a broad mass market segment. Such is the case despite the fact that the German Certificate for Sustainable Construction was established relatively recently. It is also true that properties in Germany still have a huge potential for energy-efficient upgrading, which will result in billions of euros in investments and the hope that the renovation of buildings will be an appropriate response to the challenges of climate change. I believe we can also learn from the experiences the Germans gained and will gain in this area.

The characteristics of the German real estate markets, however, have yet to be fully described. Investors must deal with special tax regulations. A look into various asset classes can be surprising: although REITs were introduced in Germany in 2007, this segment still is small. Open-end and closed-end property funds suffer from serious problems. The global convergence of investment vehicles is slower than expected, which is why special national approaches still need to be taken seriously.

This book covers a wide range of topics, as there are economic as well as real estate, legal and tax characteristics. To deal with these topics properly, extensive expertise is required. The two editors have commissioned knowledgeable authors for the particular topics. I do not know another English publication that gives such a profound and simultaneously entertaining overview of German real estate markets.

The book, of course, is mainly addressed to readers abroad, especially to investors, finance and valuation companies, developers and consulting firms. In addition, the book offers numerous new facts that domestic market players and, especially, students may find highly rewarding. Those looking for a quick introduction to German real estate market issues will find answers not only to important questions but also to questions that have not been raised yet.

Last but not least, I wish that all of you will enjoy reading the book.

Prof. Dr. Karl-Werner Schulte HonRICS CRE IRE | BS International Real Estate Business School Universität Regensburg

Contributing Authors

PROF. DR.-ING., DIPL.-WIRTSCH.-ING. HANS WILHELM ALFEN is head of the chair of Construction Economics at the Bauhaus-Universität Weimar in Germany and General Manager and founder of Alfen Consult GmbH, Weimar. He has more than 20 years of professional experience in infrastructure projects as well as in research and teaching at university-level in about 25 countries in Africa, Asia, Europe and Latin- America. Before joining the Bauhaus-Universität Weimar he worked for more than 10 years in leading positions in the construction and infrastructure as well as in the consulting industry. One of the core competences of Prof. Alfen is Public Private Partnership (PPP) and corresponding procurement models. He is significantly involved in the German PPP standardisation process as researcher and advisor. He can refer to a long list of national and international publications.

SVEN BARCKHAHN (graduated in Civil Engineering and Construction Management) was a research assistant at the Bauhaus-Universität Weimar from 2005 until 2010. In 2011, Sven Barckhahn will finish his Ph.D. thesis on the German PPP secondary market.

DR. MARCUS CIELEBACK is heading the Research department of PATRIZIA Immobilien AG since October 2008. His focus includes the risk-return based analysis and comparison of European and global real estate markets and the development of econometric models for forecasting the commercial and residential markets to develop individual investment strategies. Within these analyses special focus is given to the institutional framework of the markets, especially in the residential sector, as it provides the "rules of the game". He is a frequent speaker at international conferences and a published author in various international journals. He studied economics at the University in Freiburg and the London School of Economics. He completed his doctorate at the University of Bayreuth in 2001 in the area of real estate finance, focussing on option theoretic aspects of special German mortgage contracts. A year later he joined MEAG, the asset management company of Munich Re Group. At MEAG, Dr. Cieleback was responsible for the strategic

real estate market analysis and comparative asset class studies, advising on asset allocation aspects regarding real estate. Later he joined Eurohypo AG, the global German mortgage bank, as Head of Research.

ULRICH DENK (graduate in geography) has been working for BulwienGesa since 2001, and since 2006 he has been project manager in charge of commercial property markets in Germany and Central Europe. In 2008 Ulrich Denk completed a career-complementing Certified Real Estate Investment Analyst (CREA) Programme.

KERSTIN DRESSEL (MRICS) is director in the Real Estate Transaction Support & Appraisal Services division at Ernst & Young Real Estate GmbH. After her apprenticeship as a bank clerk, she studied business administration at the University of Applied Sciences Nürtingen till 1996 and worked at a real estate bank in the area of commercial real estate finance till the end of 1998. Further on, she completed her postgraduate studies in real estate economics at the European Business School (EBS) in Oestrich-Winkel in 2001. Since 2002, Kerstin Dressel has been an associate member of the Royal Institution of Chartered Surveyors (RICS) and since 1999 she has been working for Ernst & Young Real Estate GmbH. She has more than 13 years of experience with the real estate sector and focuses on valuations based on national and international valuation methods, on portfolio analysis and portfolio optimisation, as well as on due diligence matters.

KLAUS ELMENDORFF is a Managing Director in the Deutsche Bank Real Estate Investment Banking team in Frankfurt. He has been focussing on the German real estate sector since 2002. Since September 2004 he has been a permanent member of the G-REIT working group, an initiative of the Finanzplatz Deutschland. Klaus Elmendorff has a wealth of advisory experience especially within the real estate sector. Klaus Elmendorff is a Diplom-Kaufmann and studied at the University of Cologne.

VALENTINA FARLE has been advising investors on German tax aspects of inbound real estate investments since 2001, when she joined a worldwide operating, transaction-focused law firm after having completed an LL.M. at the University of Sheffield in England, UK. Valentina undertook university studies and legal traineeship (*Rechtsreferendariat*) in Tübingen and Berlin, Germany, as well as in Madrid, Spain. She is a qualified German lawyer (*Rechtsanwältin*), a specialized tax lawyer (*Fachanwältin für Steuerrecht*) as well as a tax advisor (*Steuerberaterin*). She regularly publishes and presents on German tax issues relevant for international investors, for example regarding investment fund taxation, taxation of inbound investments and the tax treatment of partnerships under international tax law. She is a counsel at K&L Gates in Frankfurt am Main, Germany.

MARTINA FIDLSCHUSTER has been working with HOTOUR Consulting GmbH since 1993 and as Managing Partner and Owner since 2001. For many years she has been supporting investors, financial institutes, project developers and hotel operators concerning real estate issues with a focus on hotel market analysis, transactions, financing and asset management. Martina is an official expert on the hotel trade for

the Frankfurt Chamber of Commerce and Industry. Furthermore, she initiated the project partnership "Hotel Industry Rating" with the Hotel Association Germany and works as an industry specialist for a rating agency. Martina Fidlschuster took a degree in Tourism at the Vienna University of Economics and Business Administration before attending the Institute of Interpreting at Vienna University and Cornell University in New York. She has more than 25 years of experience in the hotel industry and has worked for Hilton, top Swiss hotels and in several leadership positions for Steigenberger Hotels AG.

DR. CLEMENS JUST, born in 1972, studied law at Hamburg and Freiburg University. After completing his First State Exam and obtaining his doctorate in Freiburg, as well as a postgraduate Master of Laws degree at the London School of Economics, Dr. Just completed his internship in Berlin. Dr. Just was admitted as a lawyer in Germany in 2001 and as a solicitor in England & Wales in 2002 and since then has worked in international law firms in London and Frankfurt, before joining SCHULTE RIESENKAMPFF as a partner in 2009. Dr. Just's main practice areas are corporate law and capital markets law. He advises and represents national and international companies in all aspects of his fields of expertise. He has also become known as a publisher and author of standard commentary and books (inter alia, Just/Voß/Ritz/Zeising, German Securities Prospectus, C.H. Beck 2009; Just/Voß/ Ritz/Becker, German Securities Trading Act, C.H. Beck (scheduled for publication in 2010/11); Just, The English Limited in practice, 3 rd Edition, C.H. Beck 2008; Just (Ed.), English Corporate Law, C.H. Beck 2008; Münchener Vertragshandbuch, Band IV: Wirtschaftsrecht III, International Corporate Law, 6th Edition, C.H. Beck 2007). Dr. Just regularly gives lectures in these subject areas.

PD Dr. Tobias Just is head of Sector and Real Estate Research at Deutsche Bank Research. After his apprenticeship at Otto-Versand, Tobias studied economics in Hamburg and Uppsala (Sweden). In 1997 he graduated and started to work at the University of the Federal Armed Forces Hamburg. His PhD-dissertation on the effects of globalization on fiscal and monetary policies was awarded the university science prize in 2001. Since 2001 Tobias has been working at Deutsche Bank Research, the economics research unit of Deutsche Bank, focussing on real estate and regional economics as well as developing risk tools. In summer 2006 Tobias was Research Fellow at the American Institute of Contemporary German Studies at the Johns Hopkins University in Washington DC. Since 2008 Tobias has been heading DB Research's sector and real estate research and has been member of Deutsche Bank's group wide Environmental Steering Committee. Besides his 60 reports within Deutsche Bank series, Tobias has published more than 70 papers in professional and academic journals and books. Tobias regularly lectures on real estate topics at IREIBS Immobilienakademie, TU Berlin and Wuppertal University. From Novemer 2011 Tobias will be Managing Director at the IRE | BS Immobilienakademie and Professor for Real Estate Management and Economics at the University of Regensburg.

Dr. Helmut Knepel is board member of the Feri Finance AG and CEO of Feri EuroRating Services AG. He has been a partner of Feri since 1992. Previous to his current position he managed the real estate division of the Feri group. At the same time he was member of the executive board of Feri Research GmbH. From 1984 to 1991, before joining the Feri group, he was responsible for the development of corporate forecasting- and information systems at the Hoechst AG in Frankfurt. In this context he was also executive director of a joint daughter company of Hoechst AG and other chemical companies. After studying economics, business administration and mechanical engineering at the University of Darmstadt, he earned a PhD in statistics and econometrics. Thereafter, he worked as a project manager of a special research center at the University of Frankfurt. Since September 2011 Helmut Knepel is the chairman of the supervisory board of Feri EuroRating Services AG.

Dr. Joachim Krämer is admitted as a Lawyer and as a Certified Tax Advisor in Germany. After several years of experience as an associate and partner in major German and U.S. law firms, Dr. Krämer co-founded Krämer Groß Mühlhaus, a boutique law firm that offers specialist corporate and tax advice to German and international businesses and their owners, as well as high net worth individuals.

Dr. Krämer's practice focuses on international and domestic taxation, as well as related matters such as mergers and acquisitions, reorganizations and foreign direct investment in Germany. He regularly advises on all matters of complex German and international tax issues for corporate taxpayers (including cross-border transactions and reorganizations) and related corporate law issues. Dr. Krämer lectures and is widely published on the various aspects of domestic and international tax law. Education: University of Bayreuth (First State Law Examination, 1996; Business Lawyer Degree, 1996); Humboldt University Berlin (Dr. jur., 1999); State of North Rhine-Westphalia (Second State Law Examination, 2000); State of Hesse (Certified Tax Advisor Examination, 2006).

DIPL.-JUR., ASS. JUR. PETRA LAU, is consultant for further education of vhw Bundesverband für Wohnen und Stadtentwicklung e.V. After her commercial apprenticeship, she studied law in Berlin and graduated in 1990. She graduated the second state law examination in 1993. She worked at the Forschungsgruppe Stadt+Dorf Prof. Dr. Rudolf Schäfer GmbH from 1993 to 2000. From 2000 to 2006 she worked as scientific associate at the Fachgebiet Baurecht und Bauverwaltungslehre at the Technische Universität Berlin. From 2006 to 2010 she worked as a visiting professor and an academic associate at the Lehrstuhl Bau- und Planungsrecht at the Brandenburgische Teschnische Universität Cottbus. After that she worked again at the Technische Universität Berlin, but in the Zentralinstitut El Gouna. Since April 2011 she has worked at the vhw Bundesverband für Wohnen und Stadtentwicklung e.V. She has worked on a large number of scientific projects. The results of many of them are published. She regularly gives lectureships on planning and building law at different universities.

Dr. Christine Lemaitre, CEO of the German Sustainable Building Council, was born in Gießen, Germany and studied structural engineering at the University of Stuttgart. After working in the USA, in 2003 she started working at the Institute of Lightweight Structures Design and Construction at the University of Stuttgart. In 2007 she started working at Bilfinger Berger AG as a project manager for R&D . In January 2009 she took on the role as director system of the German Sustainable Building Council and since February 2010 Dr. Christine Lemaitre was appointed the CEO of the German Sustainable Building Council.

Prof. Dr. Wolfgang Maennig is Professor of Economics at the Department of Economics at Hamburg University. Before that he was professor at E.A.P. Paris-Oxford-Berlin-Madrid. He was a visiting professor at the American University in Dubai and at the Universities of Stellenbosch (South Africa) and Istanbul, the Federal University of Rio de Janeiro and the University of Economics in Bratislava. He was also visiting scholar at the International Monetary Fund in Washington, DC, and at Deutsche Bundesbank in Frankfurt. His research has been published in numerous academic journals, including Applied Economics, Contemporary Economic Policy, Economic Letters, Labour Economics, Regional Science and Urban Economics, Regional Studies, Journal of Sports Economics, Oxford Bulletin of Economics and Statistics, Real Estate Economics, and Transportation Research. Wolfgang Maennig has worked on many occasions as an expert on real estate issues, including projects for the German Ministry of Transport, the Federal Institute for Sport Science, and several German Olympic bid committees. He teaches real estate economics at Irebs and on the CREA (Certified Real Estate Investment Analyst) Programme at DVFA. He is a member of the editorial board of the Journal of Interdisciplinary Property Research and chairman of the working group "Real Estate Economics and Politics" of Gesellschaft für immobilienwirtschaftliche Forschung (Society for Research in Real Estate Economics).

CHRISTINE MAYER, Senior Consultant, has been working as a consultant at HOTOUR GmbH since 2003 and is responsible for appraisals, surveys of markets and locations as well as due diligence reports in Germany and Europe. As a real estate appraiser (ebs/BIIS), she has also specialised in the valuation of hotels and is a member of the hotel section of HypZert GmbH. She has co-authored publications and lectured on hotel development and valuation. In 2010, she initiated the "Next Generation Hotel Panel" for young leaders in the hotel industry. In addition to an apprenticeship in the hotel industry and several internships in different tourism divisions within Germany and abroad, Christine Mayer also studied Tourism Economics at the University of Applied Sciences in Wilhelmshaven. She complemented her educational background by completing an "International Real Estate Valuation" programme at the Real Estate Management Institute of the European Business School and attending the Hotel School at Cornell University.

DIETMAR MEISTER (FRICS) is a partner in the Real Estate Transaction Support & Appraisal Services division of the Ernst & Young Real Estate GmbH. After his apprenticeship as real estate merchant in Frankfurt(Main), he studied business

administration at the Frankfurt University of Applied Sciences. Further on, he completed his postgraduate studies in real estate economics at the European Business School (EBS) in Oestrich-Winkel in 1995. Since 1993, Dietmar Meister has been working for Ernst & Young Real Estate GmbH and has been responsible for the property valuation and real estate due diligence. He is very experienced in the fields of due diligence and transaction consulting, as well as in writing appraisal reports on the basis of international and national criteria-based methods. Besides being member of the Royal Institution of Chartered Surveyors (RICS) since 1995, he was nominated a Fellow of the RICS in 2002. Furthermore, since 2010 he has been a member of the panel of experts of the City of Frankfurt(Main) and also member of the examination board of HypZert GmbH, Berlin since 1998.

INÈS-CAROLINE NAISMITH is working as a scientific assistant at the Department 'Economy of Planning and Building of the Bergische University of Wuppertal'. Based on her diploma in architecture (RWTH Aachen) and business engineering (University of Applied Science Kiel) and the subsequent professional experience as an architect and business consultant Mrs. Naismith has been involved in several research projects ranging from an analysis of the influence of international investments on the German "Baukultur" to economical reflections on the market potential of decentralised energy production systems, from an analysis of the long-term effects and a potential enhancement of the effectiveness of urban development grants in Germany to life cycle cost assessments of energy optimised buildings. Currently, Mrs Naismith is leading the economical research on the potential of urban agriculture as an integrative factor of a climate-optimised urban development of the future megacity Casablanca in Morocco.

Frank Nickel is Head of Commercial Real Estate Group and Managing Director Deutsche Bank AG. Frank Nickel holds a master degree in sports and geography of the Ruhr University Bochum and started his professional career in 1985 as a trainee and later in various branches at Commercial Marchael Before joining Deutsche Bank in 2006 Frank Nickel headed the commercial mortgages and international development of Haus & Capital GmbH and was founder and CEO of Creditweb Deutschland GmbH. In his current role at Deutsche Bank Frank Nickel is responsible for commercial real estate financing in Germany, Austria and Switzerland as well as for the acquisition of NPL portfolios from German banks. He is member of the Global Real Estate Executive Committee and is responsible for Deutsche Bank's Pfandbrief business. Moreover, Frank Nickel represents Deutsche Bank in working groups of the Bundesverband der Banken and the Verband der Pfandbriefbanken.

OLAF PETERSEN is Managing Director of COMFORT Hamburg GmbH.

After studying economics at the Christian-Albrechts-Universität he became scientific employee at the Statistical office Schleswig-Holstein (1988–1990). Afterwards he went to the German retail association "Bundesarbeitsgemeinschaft der Mittel- und Großbetriebe des Einzelhandels" (BAG) where he worked a.o. as Chiefeconomist and chief editor of the BAG Retail Magazine for 8 years. From 1998 to 2010 Mr. Petersen was Managing Director of GfK Prisma Institut respectively

(as the result of a merger of different GfK subsidiaries) GfK GeoMarketing GmbH. Since the beginning 2011 he is working for COMFORT Hamburg GmbH, responsible for the Consulting department. The field of expertise of Olaf Petersen lies in the analysis of private consumption with the focus on retail business. So site- and market analysis, due-diligence studies and consulting for any retail business and retail property characterize his balance points. From 2002 to 2010 he was member of the "Council of the wise Men of Real Estate" which was constituted by the professional journal "Immobilien Zeitung" and the real estate association "Zentrale Immobilien Ausschuss" (ZIA). Since 2008 Olaf Petersen is member of the advisory board of the "German Council of Shopping Centres".

DR. DANIEL **P**IAZOLO has joined IPD Investment Property Databank GmbH in Wiesbaden as managing director in 2005 and is responsible for the overall management and the strategic direction of the German company. Since 2008 he is also member of the Board of Directors of Investment Property Databank Ltd., London. Since 2010 he has also the management responsibility for IPD activities in Austria and Switzerland. Daniel Piazolo has studied at the London School of Economics and at Yale University. From 1995 to 2002 he worked as researcher at the Institute of World Economics in Kiel and has published numerous articles about economic issues. From 2002 to 2005 he worked as Senior Economist and Project Manager at Feri EuroRating Services AG. Daniel Piazolo is member of the German Society of Property Reaserchers (gif), of the German Property Federation (ZIA) and of the Royal Institution of Chartered Surveyors (RICS).

DR. ELEONORE PÖLL is head of MCEP Management Consulting. The strategic management consultancy MCEP, Management Consulting Eleonore Pöll, was founded in 2006 by Dr. Pöll. At the beginning of the nineties she worked for the corporate and public sector focusing on real estate for prestigious consulting companies. In her last position she was employed as a partner with Mercer Management Consulting and Mercer Oliver Wyman responsible for the public sector of the financial services dealing with strategic and organizational realignment of the real estate management of federal, states and municipal governments. Dr. Pöll has a long-standing experience and comprehensive expertise in the areas of CREM, PREM, strategy, risk and asset management as well as company restructuring and advises clients on a national and international level. She is also actively involved in real estate associations, a dedicated lecturer and author of specialist literature for the real estate market.

PROFESSOR DR. WOLFGANG SCHÄFERS studied business administration at the University of Mannheim and earned his Ph.D at the European Business School Schloß Reichartshausen (ebs). After working for Arthur Andersen (now Ernst & Young), where he lastly was the responsible partner for the Real Estate Corporate Finance unit in Frankfurt, he was appointed Head of Real Estate Investment Banking at Sal. Oppenheim in 2002. In October 2004 he accepted the Chair of Real Estate Management at the University of Regensburg. Since 2009 he has additionally been a board member and CFO of the IVG Immobilien AG.

Prof. Dr. Wolfgang Schäfers is author and (co-)editor of a broad range of real estate publications, like the "Handbuch Corporate Real Estate Management", "Handbuch Immobilien-Banking" and "Handbuch Real Estate Investment Trusts". He is also a founding member of the Gesellschaft für Immobilienwirtschaftliche Forschung e. V. (gif), a member of the European Real Estate Society (ERES) and also a member of the editorial board of the journal "Zeitschrift für Immobilienökonomie".

JÜRGEN MICHAEL SCHICK is a Real Estate Economist (European Business School in Oestrich-Winkel) and has been active in the real estate industry for 19 years. In 1994, he established the investment house Michael Schick Immobilien, a specialist real estate brokerage for residential and commercial properties, of which he is still Managing Director. Since 2002, Jürgen Michael Schick has been utilising his real estate industry experience as Vice President and Spokesperson of the real estate association IVD and in 2005 he qualified to join the Royal Institute of Chartered Surveyors as a Professional Member (MRICS). In 2007 he became principle partner of the of the nationally established property management company ATTICA Verwaltungsgesellschaft mbH. In his role as Federal Spokesperson of the IVD and as a professional real estate broker, he often provides comments and opinions on real estate topics. In 2010, Jürgen Michael Schick became the first real estate agent in Germany to gain the new European standard DIN EN 15 733 for investment properties.

DIPL.-KFM. KAI-MAGNUS SCHULTE (MSCRE) is research assistant and doctoral student at the Chair of Real Estate Management of Prof. Schäfers at the IREIBS International Real Estate Business School, University of Regensburg. From 2004 to 2009 he studied business administration focusing on general business administration, real estate management, real estate finance and statistics at the University of Regensburg. During his studies, he also took courses as a visiting student at the University of Reading, United Kingdom, where he earned a Master's degree in Real Estate. For his diploma thesis he was awarded the Real Estate Research price of the gif Gesellschaft für Immobilienwirtschaftliche Forschung e.V. His research focuses on real estate investment trusts (REITs), real estate operating companies and asset pricing.

Andreas Schulten (graduate in geography) is Member of the Management Board of BulwienGesa since 2005, in charge of office and residential property markets. He has been involved in numerous predecessor companies for more than 20 years and has contributed substantially to the company's continuous growth and market leadership. He is Hartmut Bulwien's successor in the "Real Estate Advice" section of the Immobilien Zeitung (German Real Estate Magazine). Andreas Schulten lectures on a regular basis at the European Business School in Oestrich-Winkiel, the Real Estate Management Institute, the International Real Estate Business School in Regensburg as well as the Federal Association of Public Banks in Germany (VÖB) and the Technical University in Berlin.

PROF. DR. STEFFEN SEBASTIAN, Professor for Real Estate Finance, IRE | BS International Real Estate Business School, University of Regensburg, 93040 Regensburg

(Germany) and Center for European Economic Research (ZEW), Mannheim (Germany), steffen.sebastian@irebs.de, phone: +49 (0)941-943-5081

PROF. DR. GUIDO SPARS is the head of the Department 'Economy of Planning and Building of the Bergische University of Wuppertal' (Faculty of Architecture) since 2006. Following his studies in economics and a short detour into the private sector (Urban Development Leipzig) Mr. Spars worked as a scientific assistant at the Technical University of Berlin (TUB) for 11 years, completing his doctorate in 2000 focusing on the subject of land market taxes. He received his habilitation in the year 2007, also from the TUB. Mr. Spars gained venia legendi for "urban and regional economics, in particular real estate economy". Mr. Spars worked on numerous research projects at the interface between urban and real estate economy. His main research foci lie within the residential and office building market analysis, the urban and regional development, the green building topic as well as the urban development policy. He is, inter alia, assistant director of the REM/CPM Master program at the University of Wuppertal, co-editor of the journal real estateeconomical research and practice (zfifp), destined member of the DASL (German Academy for Urban and Regional Planning), member of the gif (society for real estate research) and the scientific advisory board of the "Berlin Stadtforum" of the senator for urban development in Berlin.

TILL STROHSAL is doctoral student in economics at Freie Universität Berlin (FU) and is working at the Institute for Statistics and Econometrics as teaching and research assistant. After his undergraduate studies at FU Berlin and Université Pierre Mendès France he started his post-graduate studies at University of Regensburg. In 2010 he joined the Collaborative Research Center 649: Economic Risk at Humboldt-Universität zu Berlin. Tills main research interests currently lie in the field of financial econometrics and macroeconometrics with applications to the term structure of real and nominal interest rates.

WOLFGANG USINGER is an attorney-at-law, notary and partner of the law firm SammlerUsinger in Berlin. Wolfgang Usinger started his professional career in 1972 as an attorney-at-law at Pünder, Volhard, Weber & Axster, a firm of attorneysat-law and notaries in Frankfurt am Main. He was a partner there since 1975. He made a significant contribution to the development of the real estate law practice at Pünder, Volhard, Weber & Axster and headed this department for many years. Following the merger of Pünder, Volhard, Weber & Axster with Clifford Chance with effect to 1 January 2000, Wolfgang Usinger was Global Head of Real Estate at Clifford Chance for several years. Since May 2009, he has been a partner of SammlerUsinger, a firm of attorneys-at-law and notaries based in Berlin and Leipzig. Wolfgang Usinger advises on all spheres of commercial real estate law, in particular in connection with real estate transactions (asset and share deals), project developments, commercial leases and in the construction field. In addition to the publication of real estate law articles, he is co-editor and co-author of the two books "Real Property in Germany" and "Immobilien - Recht und Steuern" (see literature references in Chapt. 2.4).

PROF. DR. MICHAEL VOIGTLÄNDER was born in 1975 in Leverkusen. He studied economics in Cologne and Münster. Between 2000 and 2005, he was a research assistant at the University of Cologne, where he received his doctorate in 2005. Since October 2005, he is a senior expert on real estate economics at the Cologne Institute for Economic Research. In 2008, he was appointed head of the research center for real estate economics. Since 2011, he is a honorary professor at the Bonn-Rhine-Sieg University of Applied Sciences. Additionally, he lectures real estate economics at the European Business School, at the irebs, University of Regensburg and at the University of Wuppertal

Acknowledgments

During the economic crisis of 2008 and its aftermath, we developed the idea that there should be a generally intelligible book in English on the German real estate sector. However, it was only in 2010 that it became clear that the German economy was recovering earlier than hoped. We were convinced that in the coming months there would be many more questions abroad about the German property markets than in 2009. Therefore, the project had to be launched and finalised as quickly as possible.

We would like to thank our authors for having dedicated themselves to the project despite their enormous workload. The work on the book also led to some interesting networking connections and discussions beyond the individual chapters. We heard from many sides that our assessment of the growing importance of the German real estate sector in the next few years was shared, and this was an important motivation for this project. Thus, we were able to meet our ambitious schedule.

Furthermore, we would like to thank those who often remain unmentioned even though they allow such projects to be realised in the first place: Sabine Berger supported us by organising and coordinating key tasks; Ulrich Clemens produced a consistent format from many manuscripts, graphics and styles and we are grateful to Christian Rauscher from Springer Verlag who helped us in the concept and preparation phase.

Finally, of course, we thank you, dear reader, now holding this book in your hands, for having been our motivation. Without you, we would have never started the effort of writing it. We would be pleased if you find the book interesting and take it as a starting point for a study of German real estate markets. Perhaps the book will also allow for more rapid networking with market players. We are looking forward to new ideas and impetuses.

Tobias Just Wolfgang Maennig