



2012 OFFICE MARKET REPORT

Moscow

Knight Frank

HIGHLIGHTS

- The volume of new high-quality office buildings construction for the year has dropped to the lowest figure of the last nine years. The growth of new stock amounted to just over 550 thousand sq m, which is about 21% lower than in 2011. In 2013, we expect a change in the downward trend and almost a double growth in the volume of new construction.
- Decentralization of business life in Moscow continues: 80% of new delivery is located outside the Garden Ring. On the other hand, the demand for high-quality offices in the city centre is still high.
- Demand for Class A and B office space remains at the level of 2011. At the end of 2012, the take-up volume exceeded 900 thousand sq m, with a fifth part of this volume being office space purchased by end users.
- Since the beginning of the year, the vacancy rate has not changed for Class A—12.6%, and dropped from 17.2% to 14.5% for Class B properties.
- The lease rates remain stable for already a year in the range of 700–1,200 \$/sq m/year for Class A and 350–650 \$/sq m/year for Class B office centres.

2012 OFFICE MARKET REPORT

Moscow

OFFICE MARKET REPORT



Nikola Obajdin,
Director,
Office Department

«The stability of key indicators was the main trend of the office real estate market of Moscow in 2012. For instance, average lease rates, while generally remaining at the level of mid-2011, have demonstrated a slight growth only in the segment of premium office properties. The rate of new space delivery on the office real estate market remained low, as the demand remained stable. However, due to a large share of high-quality office tenants, wishing to move to newer objects, and due to a limited introduction of Class A properties, the vacancy rate has not changed.

Implementation of a number of urban initiatives of Moscow authorities continued in 2012. The city development is becoming more balanced: new construction in the historic centre is being limited, the investment contracts are being revised, and the projects concerning reorganization of industrial zones are being developed.

Despite the fact that some uncertainty is still present on the market, the construction activity is at a high level, and we expect an increase in the delivery of new office space in 2013».

Supply

The total stock of high quality office space in Moscow at the end of 2012 exceeded 12.5 million sq m with 2.6 million sq m in Class A and 9.9 million sq m in Class B. The same year 218.5 thousand sq m of Class A and 337 thousand sq m of Class B office space was introduced, that is lower than in 2011 by 21% (566 thousand sq m against 720 thousand sq m).

The new high quality office space construction volume in Moscow has been gradually declining over the past four years and in 2012 reached a record low since 2004. However, according

Key indicators. Dynamics*

Indicators	Class A	Class B+	Class B-
Total stock, thousand sq m	12,468		
including, sq m	2,558 (+8.6%)	6,739 (+4.9%)	3,171 (+0.9%)
Delivered in 2012, thousand sq m	556		
including, thousand sq m	218.5	323	14.5
Vacancy rate, %	12.6 (+0.1 p.p.*) =	14.5 (-2.7 p.p.*) ▼	
Average weighted rental rate*, \$/sq m/year	834 (+0.5%) ▲	483 (+0.6%) ▲	
Rental rates range**, \$/sq m/year	650–1,200 (1,000–1,300***)	350–650	260–400
Operational expenses, \$/sq m/year	110–210	80–120	50–95

* comparing to the end of 2012
 ** excluding Operational Expenses and VAT (18%)
 *** range of asking rents for premium space
 Source: Knight Frank Research, 2013

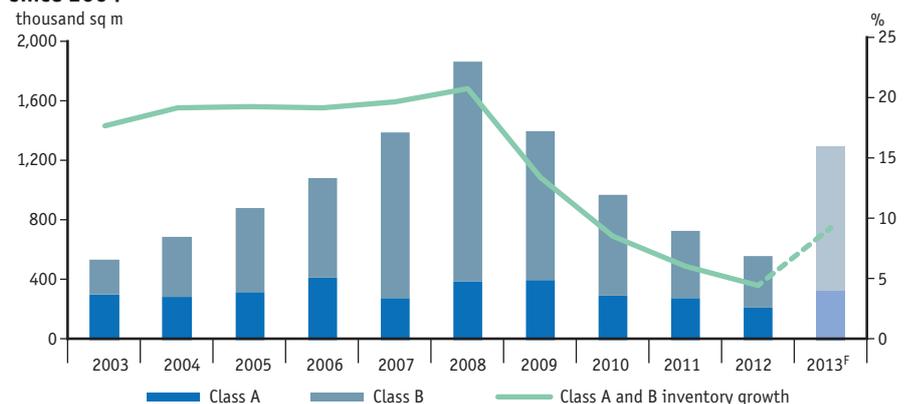
to our estimates, in 2013, the situation will change with the volume of new supply growing to almost a double of 2012 figure.

It should be noted, that the provision of office space per capita is still low when compared to the relatively developed markets of the world capitals. However, despite the record low volume of new construction in 2012, Moscow office real estate market continues to develop much more rapidly than the markets of most European cities.

In 2012, decentralization of business life in Moscow has increased: more than 80% of new delivery was built outside the Garden Ring. Although some infill development is taking place in the city centre, the number of such projects is low, and we estimate further reduction in the amount of new construction within the Garden Ring down to 10% of the annual construction volume.

Establishment of decentralized business districts continues on the office market

The volume of high quality office space delivery in 2012 dropped to its minimal value since 2004



Source: Knight Frank Research, 2013



of Moscow, where construction of a number of landmark projects has been announced. The Leningrad direction area is becoming one of such districts, where in 2012 Class A office complexes (Alcon with office area of 66.7 thousand sq m and Skylight with office area of 61.2 thousand sq m) were built and four projects are in various stages of construction.

Several business parks will also be introduced in the coming few years. Office properties of

this type imply location outside of the city, and are being developed near Moscow Ring Road in the Northwestern and Southwestern directions. Among the biggest and most anticipated properties worth mentioning are the K2, Dudkino, Telecom City and Orbita (phase II).

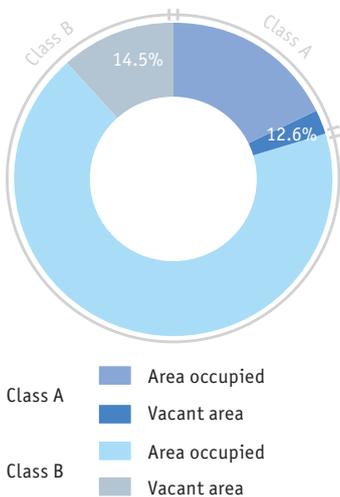
MIBC "Moscow-City" is also being actively developed; here, over 300 thousand sq m of office space will be delivered in 2-3 years time.

Demand

The demand for high quality office space in Moscow remains almost unchanged since 2011. A relatively high take-up in Q1 dropped in Q3 due to some slowdown over the summer months, though then habitually recovering in Q4 to the point of almost doubly exceeding Q3 values.

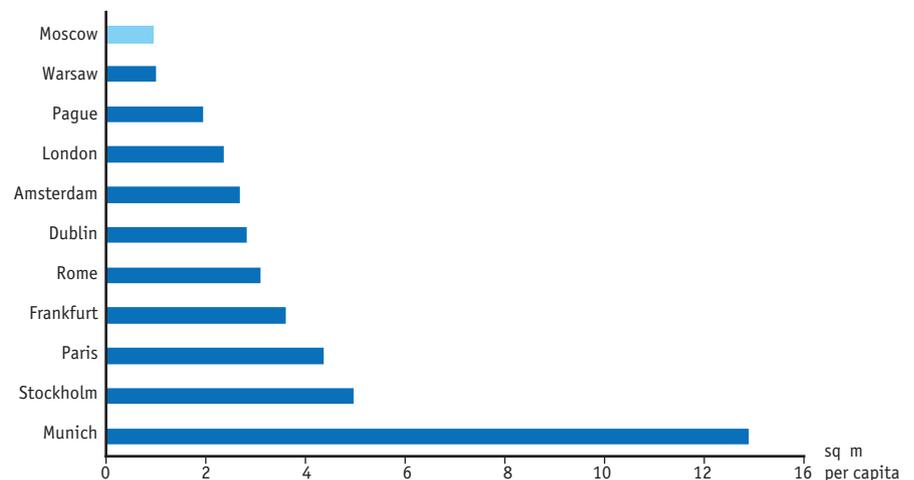
At the end of 2012, the office space take-up volume in Classes A and B amounted to roughly

Distribution of total supply of high quality office space in Moscow



Source: Knight Frank Research, 2013

High quality office space provision in Moscow remains low when compared with the markets of European cities

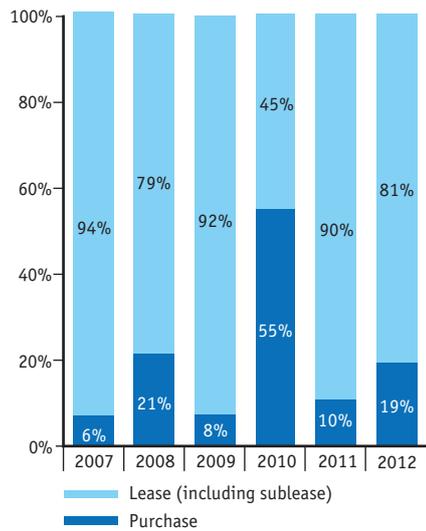


Source: Knight Frank Research, 2013

2012 OFFICE MARKET REPORT

Moscow

In 2012, the percentage of space purchased by the end-users, has increased by almost three times within the total take-up volume



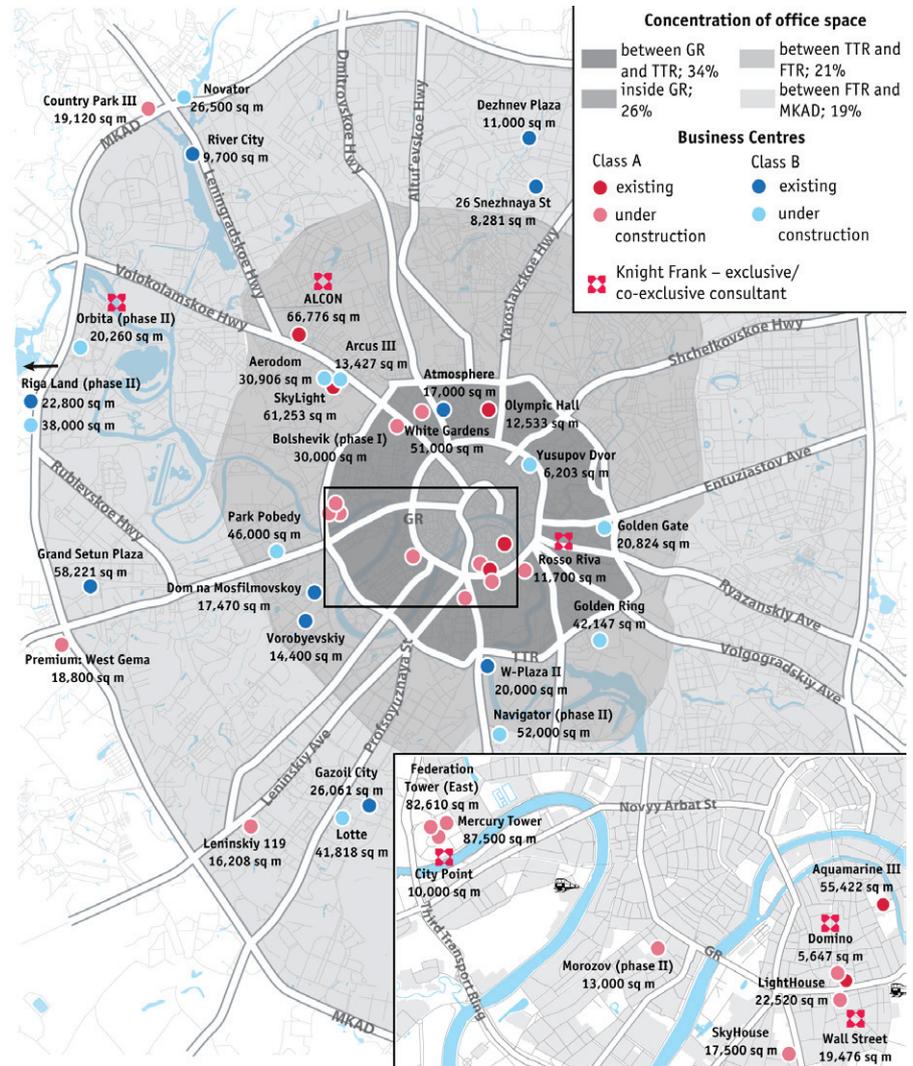
Source: Knight Frank Research, 2013

950 thousand sq m, which is comparable to 2011 figures, reflecting the general trend of stability characteristic of today's market.

In 2012, the largest share, amounting to almost a quarter of total office space demand within the take-up structure, belonged to financial sector companies. Financial organizations traditionally consume a large share of high quality office space – since 2007, it had not dropped below 15%. It is worth noting that in 2012, the banking sector companies also conducted several major acquisitions of office space. Industrial companies in 2012 increased their share by almost three times – up to 19%, whereas oil and gas production companies' share dropped by almost a third. Traditionally, with the exception of 2010, there is a strong demand from the IT and telecom industry, whose share in 2012 amounted to 20% of the take-up volume.

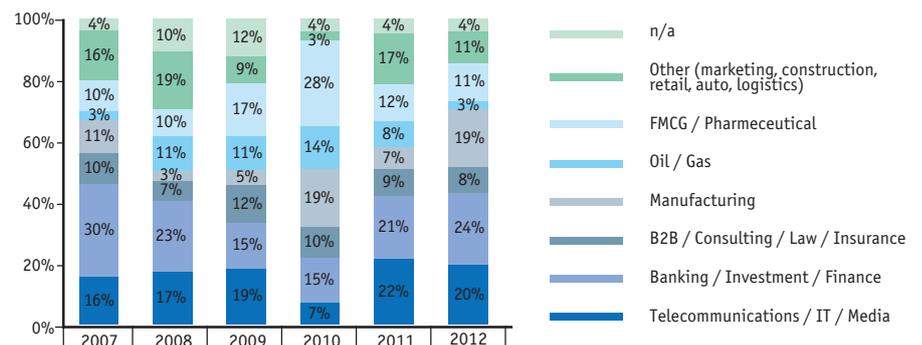
Throughout the year, a downward trend of the vacancy rate has been observed, caused by a strong demand and extremely low volume of delivery. However, the vacancy rate in Class A category remained almost unchanged at 12.6%, primarily due to the migration of tenants between Class A properties. Class B share fell to 14.5%, almost reaching the level of 2008. It is important to note that in 2013, the market is expected to increase delivery volume, and, bearing in mind current level of demand, it is hard to expect further decline in vacancy rates.

Office properties delivered in 2012 and due to be completed in 2013



* Office projects that passed the State Commission in 2012. Office building classes according to Moscow Research Forum. Source: Knight Frank Research, 2013

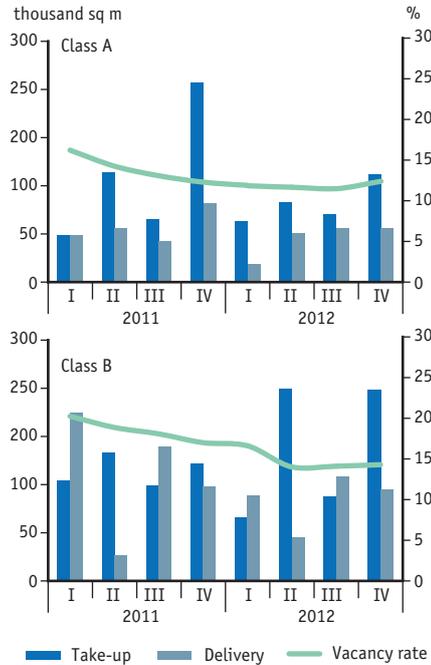
The share of IT, telecommunication and media companies as well as B2B sector, accounts for nearly a half of total take-up based on the results of 2011-2012



Source: Knight Frank Research, 2013



During 2012, the amount of office space take-up exceeded that of its delivery, as a result, vacancy rates slightly decreased



Source: Knight Frank Research, 2013

Commercial terms

The weighted average rental rates for high quality office space amounted to 834 \$/sq m/year for Class A and 483 \$/sq m/year for Class B properties.

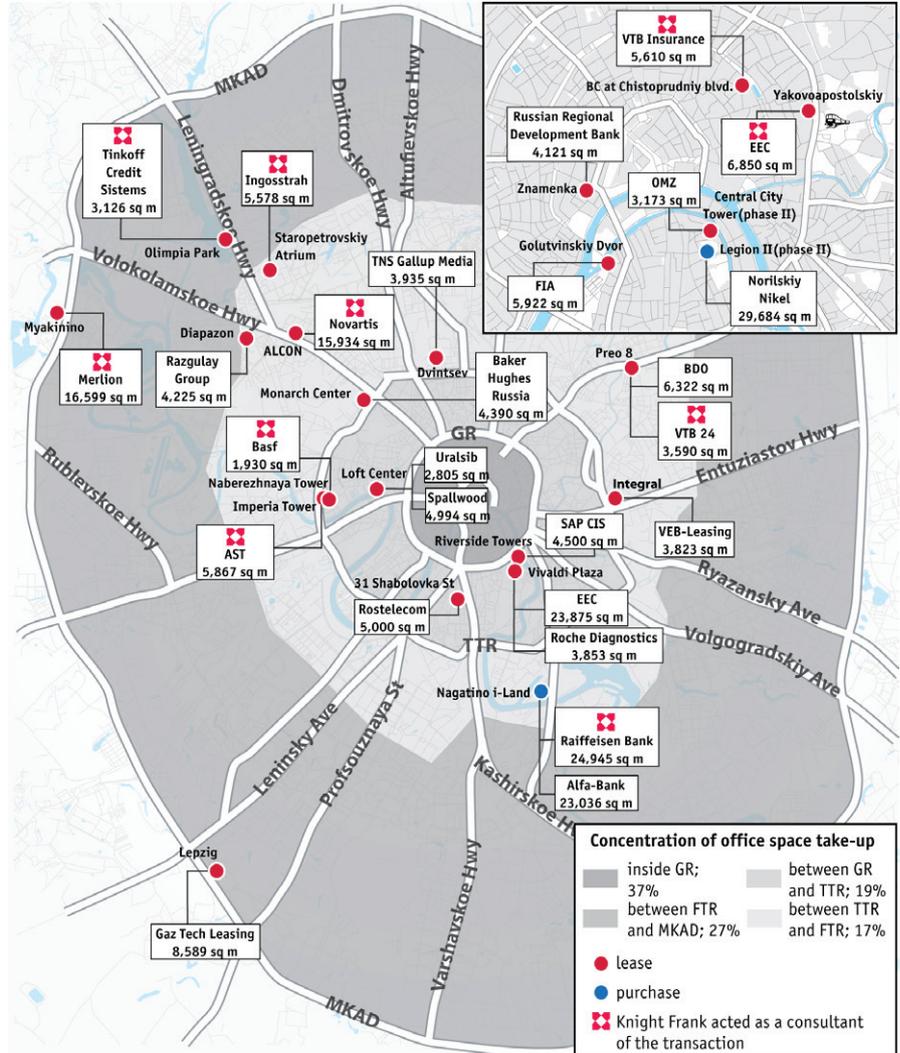
Having been stable since the middle of 2011, the lease rates showed a minor correction to increase only by the end of 2012.

We still observe a strong differentiation of rental rates, depending on location, quality of the property and its level of occupancy, common for the office real estate market of Moscow. Initiative of the city authorities to limit construction within the Third Transportation Ring, and the resulting shortage of quality office space in the city centre, suggest that the lease rates for objects with a premium location may slightly increase.

At the end of 2012, the average indicated lease rate for Class A business centres in the Boulevard Ring area was 1260 \$/sq m/year, which is higher than comparable rates on the markets of such cities as Paris (1091 \$/sq m/year) and Geneva (1091 \$/sq m/year). The average lease rate for Class A properties in the Garden Ring area is 842 \$/sq m/year, while outside the Third Ring the rates do not exceed 700 \$/sq m/year.

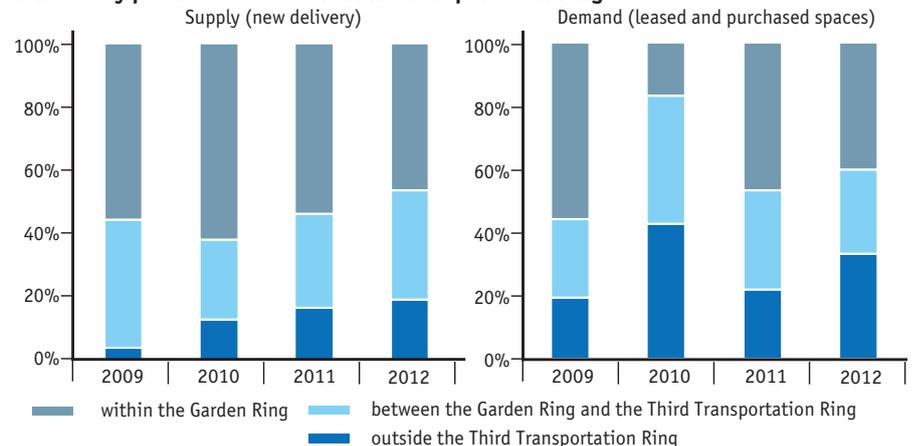
We should also mention the MIBC market "Moscow-City", where the average indicated lease rate is 915 \$/sq m/year.

Key deals in 2012



Source: Knight Frank Research, 2013

Office space in the city center is traditionally in high demand, while new construction is now only possible outside the Third Transportation Ring



Source: Knight Frank Research, 2013

2012 OFFICE MARKET REPORT

Moscow

Forecast

In coming years, we expect growth of construction activity on the office space market in Moscow. A significant amount of A and B+ Class office space with a total area of more than 1.2 million sq m is planned for delivery in 2013. Even considering the possibility of postponement of the delivery date, we expect the figure to exceed that of 2011 by at least 40%.

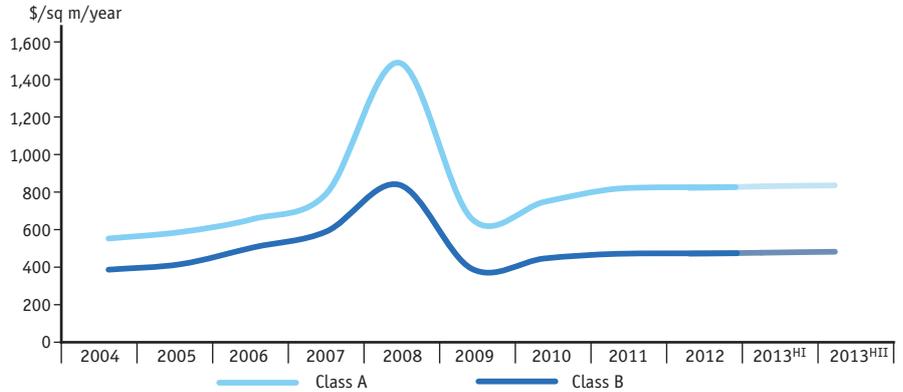
As part of the MIBC project “Moscow-City”, a completion of three facilities: Mercury Tower, tower East (Federation complex) and a business centre City Point, is planned for 2013. Thus, the area of constructed office buildings will amount to almost 700 thousand sq m, which represents about 5.5% of the total supply on the office space market of Moscow.

The office space demand is determined by the state of the economy in general and largely depends on such factors as the expansion of personnel of Russian companies, as well as market entrance and business development of the Western companies.

At present, the market is characterized by some degree of uncertainty, partly due to the Eurozone recession, which in case of a negative scenario development, will affect economies of many countries. However, in case of a moderate scenario, should the impact of the recession on the Russian economy in 2013 be minimal, we expect take-up volume to remain at the level of 2011–2012, at about 1 million sq m.

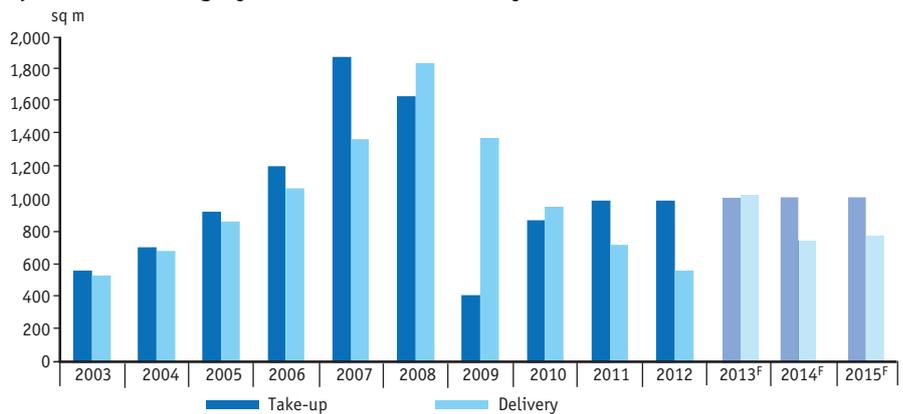
Thus, we expect the balance between supply and demand on the office market of Moscow to persist, with a possible increase in lease rates in the range of 2–3%.

Increase in rental rates for office space has averaged to no more than 1% compared to 2011 figure



Source: Knight Frank Research, 2013

Developers plan to put into operation about 2.5 million sq m of Class A and B office space in the coming 3 years while demand is likely to remain at current level



Source: Knight Frank Research, 2013



MEBE One Khimki Plaza



GLOSSARY

(THE KEY DEFINITIONS)

Term	Definition
Base Rental Rate	The rental rate amount excluding operational expenses and VAT.
Commissioning	The object is commissioned after the state commission and the receipt of Operation Permit.
Developer	A company that conducts the construction of a real estate project, provides financing or attracts financial resources. Also the company provides further implementation of space developed (sale, lease).
Free-rent period	A time period that is free of rental payments.
Lease Agreement	An agreement, which is concluded between a tenant and a landlord and gives a right to the tenant to temporarily possess or use the property for the certain charge called a rental fee.
Loss factor	$(1 - \frac{\text{useable area}}{\text{rentable area}}) \times 100\%$
Multifunctional complex	A property with three or more real estate components of different functions.
OPEX (Operational Expenses)	Money expenditures allocated for the operation and maintenance of the property. They usually include property taxes, insurance payments, management and maintenance costs of property, utilities.
Pre-lease agreement	A lease agreement that is concluded during the construction phase of the building.
Rentable Area	Area available for the exclusive use of the tenant, for which the tenant will pay rent. Includes common areas such as lobbies, restrooms and hallways.
Rental Rate	The amount of money paid by the tenant for leased office space.
Sublease	A lease in which the original tenant (lessee) sublets all or part of its premises to another tenant (subtenant) while still retaining a leasehold interest in the property.
Take-up	The amount of units occupied during a particular time period in a given market.
Total Stock	All occupied and vacant Class A, B+ and B- office space for a specific time period.
Vacancy rate	The percentage of total office stock that is vacant and available for occupancy at a particular time period within a given market. It is calculated by dividing vacant space by total stock.



Europe

Austria
Belgium
Czech Republic
France
Germany
Ireland
Italy
Monaco
Poland
Portugal
Romania
Russia
Spain
Switzerland
The Netherlands
UK
Ukraine

Africa

Botswana
Kenya
Malawi
Nigeria
Tanzania
Uganda
Zimbabwe
Zambia
South Africa

Middle East

Bahrain
UAE

Asia Pacific

Australia
Cambodia
China
India
Indonesia
Malaysia
New Zealand
Singapore
South Korea
Thailand
Vietnam

Americas & Canada

Bermuda
Caribbean
Canada
USA

Office Real Estate

Nikola Obajdin
Director
nikola.obajdin@ru.knightfrank.com

Warehouse Real Estate, land

Viacheslav Kholopov
Director, Russia & CIS
viacheslav.kholopov@ru.knightfrank.com

Retail Real Estate

Sergey Gipsh
Partner, Director, Russia & CIS
sergey.gipsh@ru.knightfrank.com

Residential Real Estate

Elena Yurgeneva
Director, Russia & CIS
elena.yurgeneva@ru.knightfrank.com

International Investments

Heiko Davids
Partner
heiko.davids@ru.knightfrank.com

Financial Markets and Investing

Evgeniy Semyonov
Partner, Director
evgeniy.semyonov@ru.knightfrank.com

Business Development

Andrey Petrov
Partner
andrey.petrov@ru.knightfrank.com

Professional Consulting Services

Konstantin Romanov
Partner, Director
konstantin.romanov@ru.knightfrank.com

Valuation Services

Olga Kochetova
Director, Russia & CIS
olga.kochetova@ru.knightfrank.com

Marketing, PR, HR

Maria Kotova
Partner, Executive Director
maria.kotova@ru.knightfrank.com

Market Research

Olga Yasko
Director, Russia & CIS
olga.yasko@ru.knightfrank.com

Saint Petersburg

Nikolai Pashkov
General Director
nikolai.pashkov@ru.knightfrank.com

Kyiv

Yaroslava Chapko
Business Development Director
yaroslava.chapko@ua.knightfrank.com

Established in London more than a century ago, Knight Frank is the renowned leader of the international real estate market. Together with Newmark Company, Knight Frank's strategic partner, the company encompasses 243 offices in 43 countries across six continents.

Knight Frank has been a symbol of professionalism for tens of thousands of clients all over the world for 116 years. After 16 years, Knight Frank has become the leading company in the commercial, warehouse, retail and residential real estate segments of the Russian real estate market. More than 500 large Russian and international companies in Russia have already made use of the company's services.

This and other Knight Frank overviews can be found on the company website www.knightfrank.ru

MOSCOW

26 Valovaya Street
Lighthouse BC 115054 Russia
Phone: +7 (495) 981 0000
Fax: +7 (495) 981 0011

ST. PETERSBURG

3B Mayakovskogo Str.
191025 Russia
Phone: +7 (812) 363 2222
Fax: +7 (812) 363 2223

KYIV

39-41 Horyva Str.
04071 Ukraine
Phone: +380 (44) 545 6122
Fax: +380 (44) 545 6122

© Knight Frank 2013

This overview is published for general information only. Although high standards have been used in the preparation of the information, analysis, view and projections presented in this report, no legal responsibility can be accepted by Knight Frank Research or Knight Frank for any loss or damage resultant from the contents of this document. As a general report, this material does not necessarily represent the view of Knight Frank in relation to particular properties or projects.

Reproduction of this report in whole or in part is allowed with proper reference to Knight Frank.