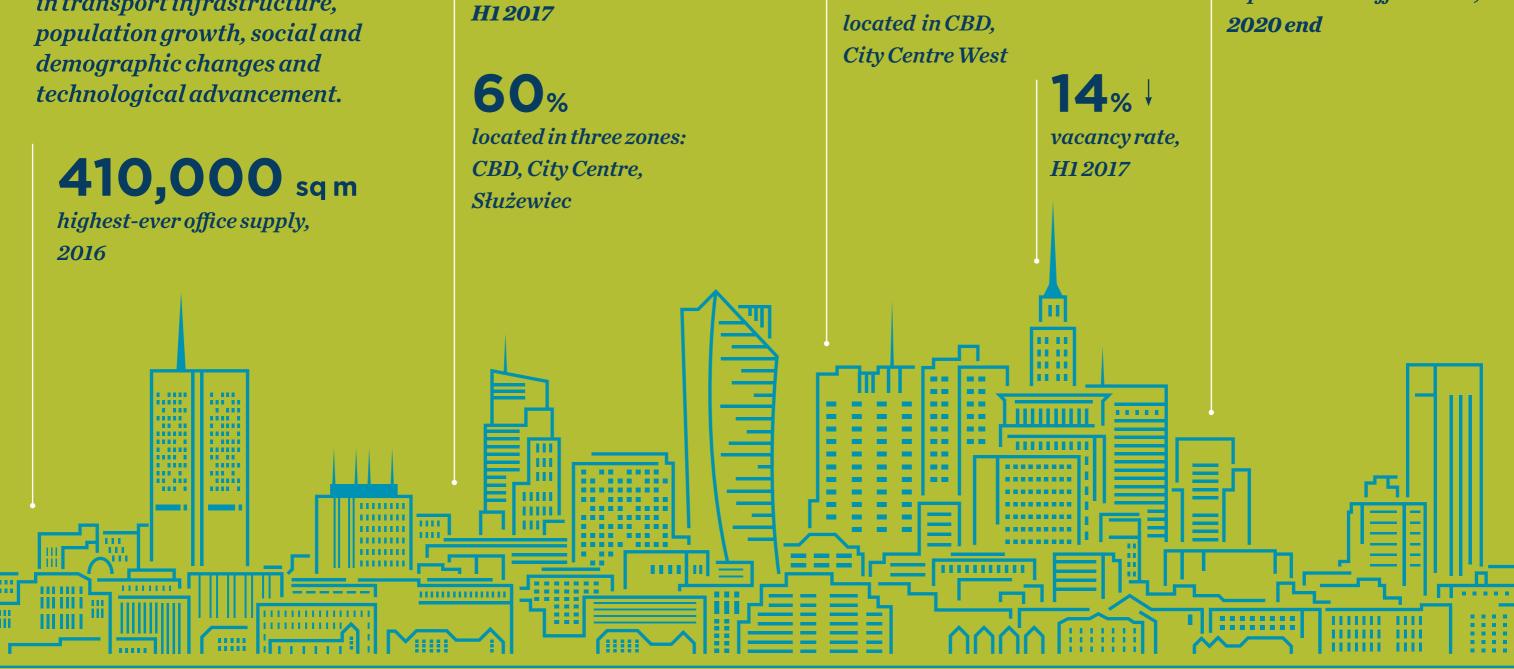


NUMBERS THAT STACK UP

Warsaw office market is undergoing significant change as it enters the next stage of its maturity. Driving these changes are the evolving expectations of occupiers, improvements in transport infrastructure, population growth, social and demographic changes and technological advancement.



5.1M sq m

total office stock,

720,000 sq m

6.3M sq m

expected total office stock,

total office space under

development, H12017

67%

OFFICE SUPPLY HEAT MAP

The city's modern office stock has more than doubled over the past 10 years, reaching more than 5.1 million sq m (as at H1 2017).

The largest increases in the office space were recorded over the past 18 months, when

540,000 sq m

was delivered, representing a supply rise of 11.5%.

EXISTING OFFICE STOCK IN OTHER EUROPEAN CITIES



Source: Cushman & Wakefield Snapshot, data as of Q2 2017

Strong office supply dynamics was reflected in the new geography of office locations, with City Centre zone expanding towards the west and north and Central Business District to the north and east.

60%

of the city's stock is located in the three most developed office zones: Central Business District, City Centre and Służewiec. These zones account for only 4% of city's total area.

Just four large developers are behind 40% of the space scheduled to complete over the next four years.

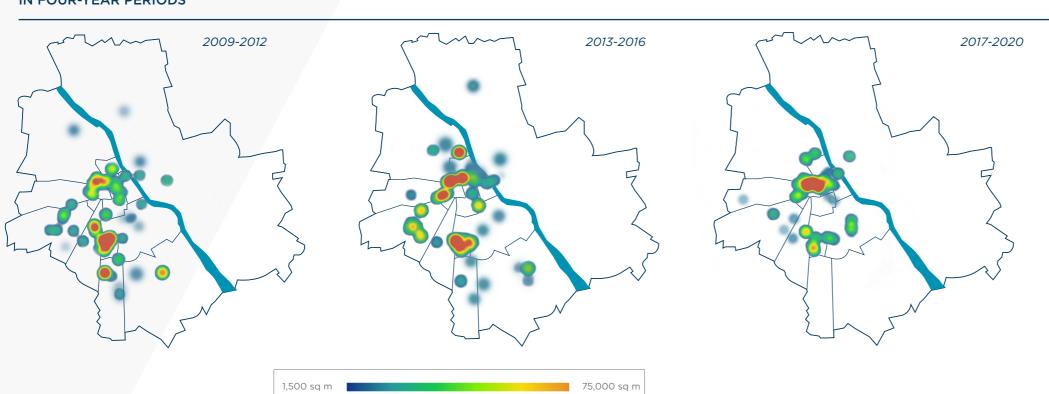
A record-breaking

410,000 sq m

came onto the Warsaw market in 2016, a rise of 32% over the average annual supply, 310,000 sq m, for the period 2012 to 2016. However, during 2017 supply levels are forecast to return to 320,000 sq m, just above the 2012-2016 average. In 2018, 190,000 sq m will be delivered, followed by 315,000 sq m in 2019. A record 430,000 sq m is expected in 2020.

Though development rates in Warsaw office market show significant variations year to year, its healthy fundamentals help to maintain equilibrium, with average supply levels changing only slightly over the longer term.

NEW SUPPLY DISTRIBUTION IN WARSAW IN FOUR-YEAR PERIODS





OUTLOOK FOR NEW CONSTRUCTION

At the end of June 2017 around 720,000 sq m of offices were under construction in Warsaw, a 3% increase above the five-year average, again underlining the market's stability. Large schemes of more than

40,000 sq m

accounted for 51% of this total; these schemes were mostly at the ground works stage of development. They will be delivered in 2019 or later, after a subdued level of completions in 2018.

A surge in supply in 2016 pushed the vacancy rate up to 14% at the end of the first half of 2017 from 7% in 2012. With forecast strong net absorption and expected subdued developers' activity availability rates are predicted to go down to 13.5% in 2018.

As much as 67% of total supply under construction is located within CBD and City Centre West. Of this amount, 77% (370,000 sq m) is accounted for by the six largest projects – Varso, Warsaw Hub, Mennica Legacy, Generation Park, Spark and Spinnaker.

The amount of stock in City Centre West is growing rapidly and in 2020 is likely to exceed

1,000,000 sq m

as tenants increasingly seek highquality offices, a central location, good accessibility and ample amenities. Despite substantial supply volumes in this area, the vacancy rate dropped from 13% in 2012 to 8% in H1 2017.

The major slowdown in development activity in Służewiec over the past two years did not reverse the area's upward trend in vacancy rates, which reached 19% at the end of H1 2017. A further decline in office development is expected in the area over the coming years along with more office-to-residential and office-to-hotel conversions.

SPACE UNDER CONSTRUCTION BY STATUS (JUNE 2017)

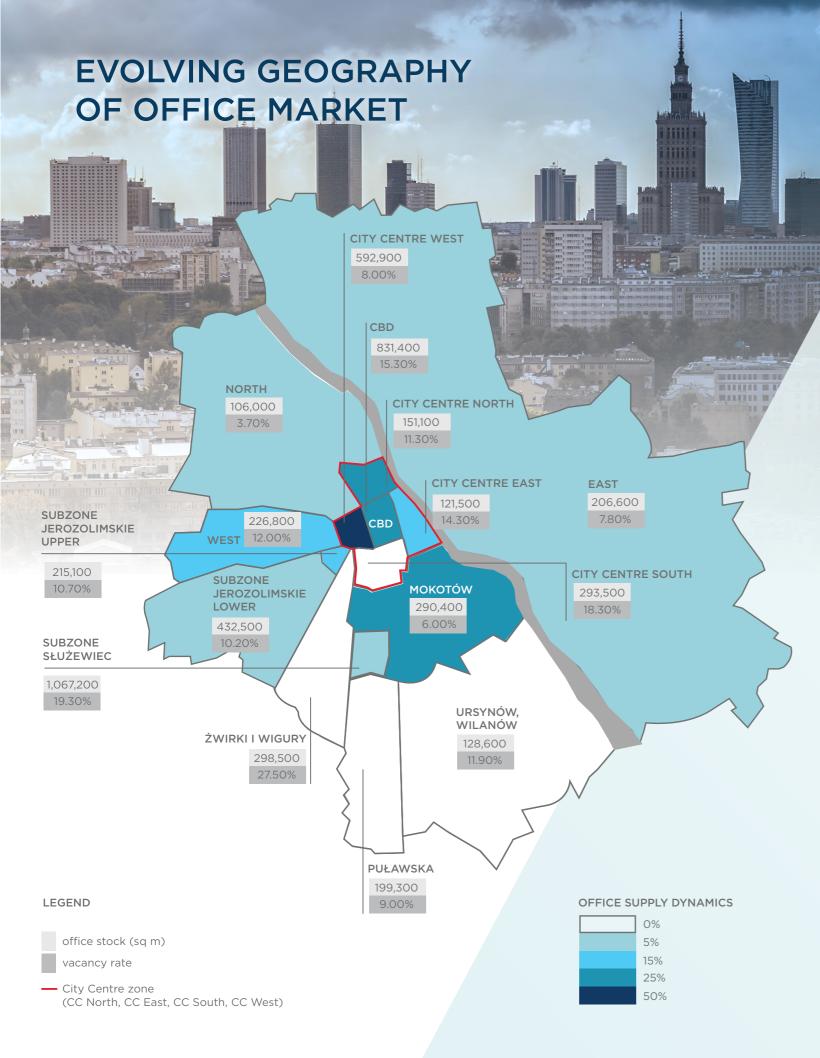


Source: Cushman & Wakefield

ANNUAL OFFICE SUPPLY IN WARSAW (JUNE 2017)



Source: PORF, Cushman & Wakefield, (f) forecast



With tenants' preferences shifting back to more central locations, development activity in CBD is expected to pick up again, resulting in an increase of 37% (310,000 sq m) by 2021.

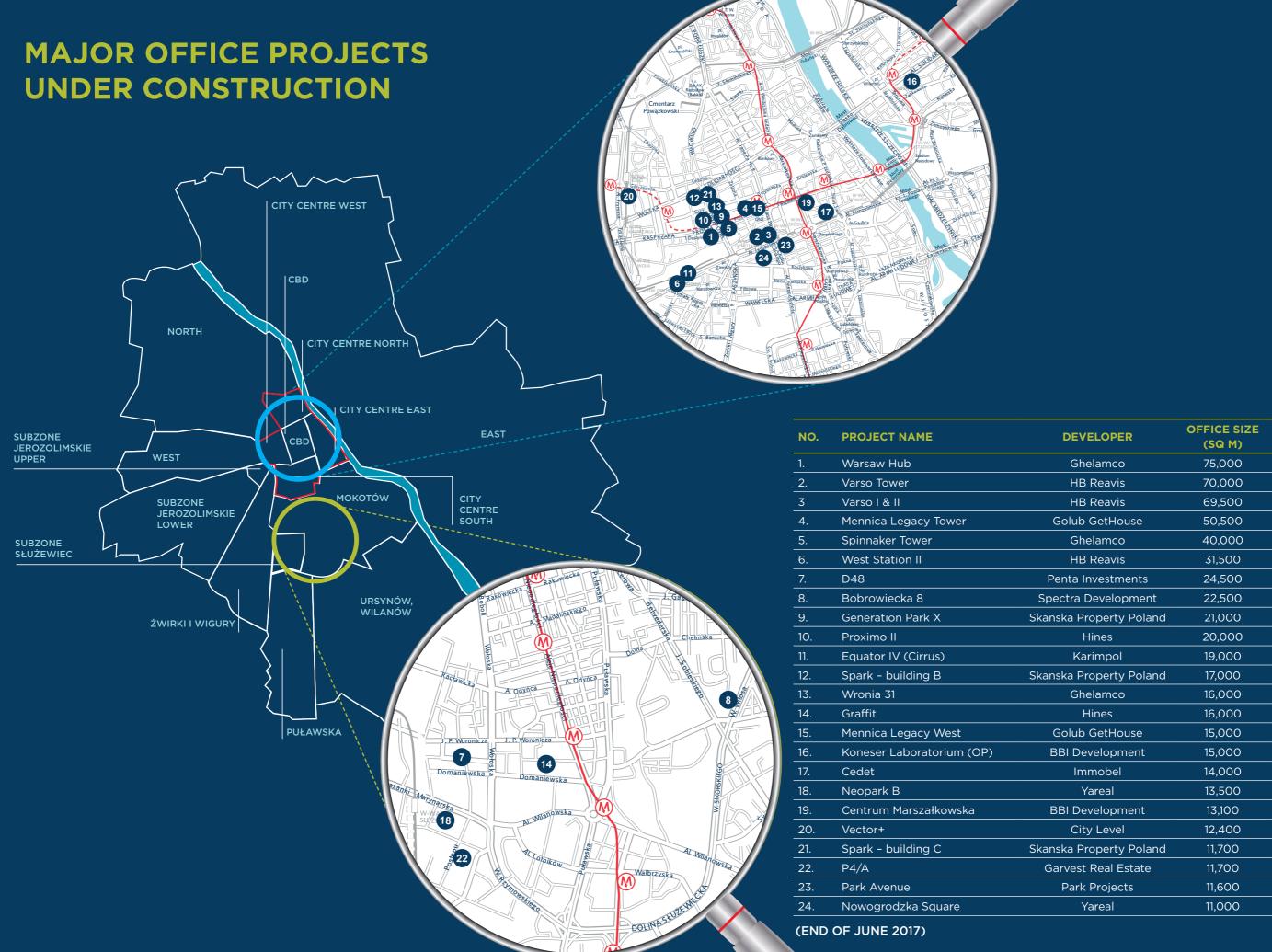
The large number of pipeline projects and sites available for office development in the Warsaw CBD, compared with other major European cities, may change the city's market dynamics over the medium and long term.

Improving transport infrastructure, unlocked development potential of large land pools and holistic urban planning have boosted a number of locations that will provide strong competition for the established office clusters during next three to five years.

These emerging office areas include City Centre North, the area around the junction of Sobieskiego and Beethovena streets within the Mokotów zone, and Praga within the East zone.

AVERAGE ANNUAL SUPPLY IN SELECTED OFFICE ZONES





DELIVERY

DATE

2017/18

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