Supporting growth, jobs and sustainability

Real estate, as a general term, describes the built environment, which plays a vital role in every aspect of the European economy, society and environment. Businesses and society can’t function without the services of commercial property, including the provision of offices, shops, factories, housing and many other forms of real estate. The commercial property sector delivers and manages the infrastructure needed for entrepreneurship to thrive. It is therefore a fundamental source of employment and economic growth, and a major contributor in addressing two critical challenges of our time: providing liveable and functioning cities for a growing urban population and reducing the environmental footprint of the built environment.

The European Public Real Estate Association (EPRA) and the European Association for Investors in Non-listed Real Estate Vehicles (INREV) represent the full spectrum of the European property investment industry. EPRA and INREV have commissioned this research which evaluates the role and importance of commercial real estate in the European economy. Details of the sources and methodologies used to derive the information are presented at the end of this report.

The efficiency of the process through which the European real estate industry invests, develops, supports and maintains the built environment, and services its clients, is of crucial importance to policy makers. Although there are many factors that influence the well-being of European citizens and the European economy, a performing real estate sector provides the basic platform for all these other factors to deliver their full potential, and for the European economy to thrive and remain competitive.
1. Contributing to the economy and supporting jobs

The commercial property industry directly contributed EUR 385 billion to the European economy in 2017, representing about 2.8% of the total economy and comparable to the combined size of the European automotive industry and telecommunications sector. It employs 4 million people, which is not only more than the auto manufacturing industry and the telecommunications sectors combined, but also greater than banking.

The commercial property industry’s economic contribution continued to grow in 2017. Total employment recovered from 2015 to finally surpass 2013 levels. However, this growth stems from growth in property management and fund and portfolio management activities. It is noteworthy that employment levels in construction, development and repair of buildings remain suppressed following the sharp decline post-crisis.

Yet, activity in development, refurbishment and repair of buildings is the largest segment of the commercial property sector. The upkeep, management and care of commercial buildings is also a sizeable activity, undertaken either directly by property owners or on their behalf by a growing number of specialist contractors. All of these activities are an essential part of maintaining and improving the quality of the accommodation services provided to businesses.

Investment, fund and portfolio management are small but disproportionately high value-added activities, contributing 6.5 times more per worker than the overall European average value-added per worker.

Employment in transactions, management and construction are directly dependent on this activity. Indirectly, this activity contributes a value added multiplier of 2.96 to employment across the construction supply chain, business and consumer services, professional, scientific & technical services, and public and private administration & support services. The benefits of this are manifest in improved standards of living and attainment, and the impact on consumption induces a further jobs multiplier of 0.8.

The ability to lease rather than own premises offers flexibility to businesses, including SMEs. Around 40% of all European commercial property is rented office space, allowing companies to channel more of their capital into growing their businesses.
2. Commercial real estate – a significant role in business, industry and social life

Commercial property, other than residential, encompasses shops and retail outlets, offices, warehousing and light industrial premises, as well as hotels, leisure facilities and some other non-residential buildings. New forms of commercial property are continuously emerging. It plays a vital role in Europe’s business, industry and social life. Its market value in 2017 was approximately EUR 7.2 trillion. This is greater than the value of the plant, machinery and equipment used by Europe’s businesses and manufacturers. Offices are the largest property type, although retail is also substantial. The total value of residential, at EUR 24.6 trillion, however far exceeds other property sectors.

Around 37% of all commercial property – with a total market value of over EUR 2.6 trillion – is held as an investment.

Businesses prefer the flexibility of renting and often not able to commit the capital and management time required of owner-occupation. The commercial property industry meets this need by investing in commercial property and providing accommodation services to these businesses.

Non-listed funds, accounting for almost a third of total investment property, are the biggest single owners, while the directly owned share of traditional investors (insurance companies and pension funds) has been declining over time.

Investment, however, is becoming more global. The amount of commercial property held by non-EU institutions, including sovereign wealth funds, is estimated to be EUR 160 billion; this is twice the value in 2011. Global investment is becoming an increasingly important source of capital in the EU commercial property market. Including other types of investor in addition to institutions, those from outside the EU now account for 6% of invested commercial property through direct acquisitions and considerably more through their indirect investments in non listed funds and EU property companies and REITs.

3. Investment and management of the built environment – non-listed funds and listed companies at the forefront

Around 37% of all commercial property – with a total market value of over EUR 2.6 trillion – is held as an investment.

Source: RHL Strategic Solutions estimates using Eurostat, ECB, OECD and national statistical office National Accounts data

Source: RHL Strategic Solutions estimates using data from Eurostat, ECB, EPRA, INREV, PFR and RCA
4. An industry increasingly providing homes

Responding to structural trends driving strong demand for privately rented accommodation, large investors have rapidly grown their residential property holdings. At 9%, houses, apartments and student accommodation represented a small but growing proportion of large investors’ property holdings in 2011. By the end of 2017, investment had increased to 18% of total holdings, making it the third largest property type held in large investors' portfolios. The amount is estimated to have grown to EUR 348 billion at end 2017, almost doubling in value since 2015 and trebling since 2011.

While growing, this is still tiny by comparison to the total value of residential in the EU of approximately EUR 24.5 trillion and to the amount which is privately-rented.

5. Investment - improving the built environment

Annual investment in new commercial property buildings and the refurbishment and development of existing buildings has recently been running at around EUR 257 billion. Although recovering moderately over the last 5 years, the volume is still much lower than 10 years ago and correspondingly accounts for a lower share of total spending on investment in the EU. This highlights how sensitive commercial property development – and, as already illustrated, jobs in the commercial real estate industry - are to the strength of the EU economy. Even so, in representing just over 10% of total investment in the economy, investment in commercial buildings is equivalent to the GDP of Denmark.

Investment in housing, other buildings and infrastructure is also substantial, totaling EUR 1.3 trillion, and when included with commercial property, represents almost two-thirds of capital investment in the European economy.
6. Providing the capital, ownership and management behind a wide spectrum of business and social activities and housing

The traditional retail and office sectors continue to dominate investors’ portfolios but their share has been declining over time. In responding to new business, social and public needs, new types of property are increasingly populating investors’ portfolios. “Alternative” property sectors (including residential) now account for almost a third of portfolios. Notably, healthcare, senior living and education facilities are becoming more prominent in portfolios, albeit from a low base.

The long-standing industrial sector has recently seen a revival, driven by the growth in logistics and home delivery. Residential, including the private rented sector, student accommodation and senior living, has seen the largest increase this decade.

7. An important source of income for European savers and pensioners

The long-term cash flows generated from property investment provide an important source of diversified income in the portfolios of European savers and pensioners. Property in its various forms accounts for EUR 1.1 billion of European pension funds and insurance companies’ investments. This represents an allocation of nearly 6.5%. Having declined during the early 2010s, property’s share has increased over the last 2 years, helped by a recovery in property prices and, in some countries, by investors increasing their allocations to property.

Non-listed funds now represent the most popular route through which institutional investors get their exposure to property. This shift has been driven by smaller investors new to property (who are unable to afford their own buildings) and by increased cross-border allocations.

Pension funds’ and insurance companies’ exposures to buildings is effectively higher than portrayed because property companies, REITs and unlisted funds often use debt to boost the amount of property they hold. European pension funds’ and insurance companies’ “beneficial” interest in commercial and residential property is now over EUR 1.3 trillion.
8. Contributing towards a low carbon economy

Buildings contribute significantly to energy use and greenhouse gas emissions. They are, however, declining at a faster rate than other users such as transport and manufacturing. Directly and indirectly (i.e. taking into account the amount involved in generating the energy), buildings (excluding factories) now account for about 40% of the EU’s energy consumption. While this represents a decline of 1% compared to 2013, their emissions of greenhouse gases has fallen more sharply as a result of investment in renewable and clean technologies. Despite growth in housing units, emissions from residential buildings has fallen by almost 1% since 2013, while those from commercial buildings have decreased by 2.7% and from social infrastructure facilities (health, education etc.) by 5.8% over the same period. Over the same period, total energy consumption in the economy increased by 2% and total emissions by 5.2%. Residential, commercial and public sector buildings represent one of the most important untapped potential sources of energy savings.

The cost over the decade of meeting this untapped potential for residential and non-residential buildings has been estimated at almost EUR 60 billion per year – a big commitment which emphasizes the importance of Europe’s commercial property sector in delivering these important energy efficiency improvements.

Listed property companies and non-listed funds are constantly evaluating and improving their sustainability record through their participation in the Global Real Estate Sustainability Benchmark (GRESB) annual survey.

Source: RHL Strategic Solutions estimates using EEA and Eurostat data
This report was sponsored by EPRA and INREV and prepared by Paul Mitchell Real Estate Consultancy Ltd

**Sources and Methodologies**

All estimates relate to the 28 countries of the European Union and are based on data available up to 30 August 2018. RHL Strategic Solutions estimates based on methodology developed by Paul Mitchell Real Estate Consultancy (PMRECON) in previous editions of this paper.

1. Contributing to the economy and supporting jobs
   Approach is to take Eurostat estimates of Gross Value Added (GVA) and employment for the Construction, Real Estate Activities (excluding imputed income from owner-occupiers) and other sectors from its National Accounts and Structural Business Statistics series and apportion shares to commercial property based on various criteria (for example, commercial real estate’s share of construction output, of the total amount of rented property, and its share of total property transactions etc); value added and employment in “investment, fund & portfolio management” is calculated directly (following principles consistent with national accounts methodology) using information from a sample of fund managers and listed property companies, grossed-up on the basis of gross asset value. Overall, commercial property is estimated to account for 18% of total EU Construction (NACE F) GVA and 29% of Real Estate Activities’ (NACE L less NACE L68A) GVA.

2. Commercial real estate - a significant role in business, industry and social life.
   The calculations use Eurostat, ECB, OECD and national statistical office national accounts balance sheet data relating to the value of the stock of “fixed assets” and “Land and Buildings”. For residential in non-Eurozone countries, the official data on dwellings is updated to 2017 where required using house price inflation and an estimate of stock growth. For commercial, the official data on “non-residential buildings” includes non-commercial buildings and is apportioned to commercial property; it is estimated that approximately 64% of the value of these “non-residential buildings” are commercial. For non-Eurozone countries, values are updated to 2017 where required using MSCI capital growth and an estimate of floorspace stock growth.

The comparative Plant and Machinery estimate is derived on a similar basis from Eurostat, ECB, OECD and national statistical office national balance sheet data.

3. Investment & management of the built environment - non-listed funds & 3. Investment & management of the built environment - non-listed funds & listed companies at the forefront, and

4. An industry increasingly providing homes
   Insurance companies and pension funds are estimates from Eurostat, the ECB and OECD data (updated to 2017 where only 2016 data is available) of these institutions’ investments in “land & buildings” or “fixed assets” (almost all of which are buildings). Non-listed funds are estimated from data provided by INREV and ANREV/ INREV/ NCREIF of the gross asset value of EU domiciled funds’ monies invested in EU28 countries. EU-domiciled listed property companies & REITs is based on estimates of EPRA members’ portfolio values (EU28 only and excluding residential) grossed-up on the basis of EPRA’s coverage of the total listed property investment companies market (i.e. excluding “Real Estate Services”, Construction, and “Building Materials & Fixtures”). Non-EU institutional investment is estimated using data on net investment flows gratefully provided by Real Capital Analytics (RCA).

Residential and commercial exposures are estimated separately. Inventory: Proxy GHG emission estimates for 2014); this pro-rating is according to the EEA’s most recent 2010 indirect end-user emissions data and is scaled to be consistent with the total emissions from energy generation in 2014.

5. Investment - improving the built environment
   Estimates derived from 2017 Eurostat data on “gross fixed capital formation” (GFCF, commonly known as investment). Housing and other investment are directly from Eurostat. Commercial property is derived from Eurostat’s estimate of “non-residential buildings & other structures”;

   additional information from other sources has been used to get an indication of how much of this GFCF is buildings and how much of these buildings are commercial; in this respect, approximately 33% of GFCF in “non-residential buildings & other structures”
is estimated to be in commercial buildings, the remainder in infrastructure and other non-residential buildings such as public hospitals, universities, museums, and manufacturing etc.

The total GFCF (“Investment in the economy”) figure excludes “Cultivated biological resources” and “Intellectual property products”.

6. Providing the capital, ownership & management behind a wide spectrum of business & social activities and housing

Derived from the gross asset values in the INREV vehicle database and from EPRA estimates of the listed sector’s property portfolio values (EU28 standing investments only).

7. An important source of income for EU savers & pensioners

Insurance company and pension fund investments in directly-owned property are from section 3 and for “equities, bonds & other asset classes” and total investments from the institutional balance sheets data of Eurostat, the ECB and OECD and national statistics offices, updated to 2017 where appropriate.

Listed property company exposures are estimated based on the product of (a) institutions’ allocations to equities (including those held indirectly in mutual funds etc) and (b) of listed property’s share of equity portfolios (in aggregate, estimated respectively to be 26.8% and 3.4%). The exposure to non-listed real estate is a net asset value (NAV) estimate using information from INREV Universe studies, investment consultants & other information.

8. Working towards a low carbon economy

Energy consumption from Eurostat, with the published sectors re-categorised and re-aggregated by.

Based on European Energy Authority (EEA) data, direct and indirect emissions derived from Eurostat and re-aggregated by RHL Strategic Solutions.