Jakub Caithaml

4,500 4,000

3,500

3,000

2,500

2 0 0 0

1,500

AUG-20

### **Graphisoft Park**



### BUY

# Graphisoft Park: 2Q21 – stable results, guidance reiterated, valuation remains attractive

BBG Ticker	GSPARK HB
Market Cap (USD mil)	124
Price	3,700
Price target	5,237
Upside	41.5%

BUX Index (rebased)

Graphisoft Park

E-mail: jakub.caithaml@wood.cz Phone: +420 222 096 481

Decrip

Graphisoft Park has delivered yet another set of steady results, and management has reiterated its financial guidance for the year. Trading at 0.73x P/NAV and a c.11% FFO yield, the stock remains significantly cheaper than the vast majority of its listed European office real estate peers. We maintain our view that the stock is attractively valued at the current levels, and could become an acquisition target, thanks to its compact size and quality portfolio. With a LTV of c.37%, the leverage is not particularly high, and following the c.10% cut in values since the beginning of the pandemic, the portfolio is not booked at aggressive levels, in our view. We reiterate our BUY rating.

### The results

The 2Q21 numbers were in line with our expectations and brought no major surprises. Both the rental income and the major cost items were flat relative to recent quarters, and Graphisoft Park generated some EUR 3m of FFO I for the quarter, in line with our expectations. For the first half of the year, the FFO reached some EUR 6m, which translates into approximately an 11% FFO yield on the current share price, when annualised.

Graphisoft Park paid out a dividend of approximately EUR 10m in June 2021. As a result, its cash balance dropped to c.EUR 9m,and its net debt increased to EUR 89m (from EUR 82m at the end of 1Q21). The net LTV stands at 37% currently, up from 34% at the end of the previous quarter.

The company reported a stable value for the portfolio and recorded no tangible valuation movements in 2Q21.

The forecasts, published at the end of 2020 and reiterated in 1Q21, have been maintained. It expects broadly flat rental income and marginally higher opex, driven by the costs related to the ongoing reorganisation of the financial management and related IT infrastructure, necessitated by the growth of the Park in recent years.

Graphisoft Park: 2Q21 review

EUR m	2Q20	3Q20	4Q20	1Q21	2Q21	qoq	yoy	WOOD	vs. W
Rental income	3.6	3.5	3.6	3.6	3.6	0%	0%	3.6	1%
Service charge income	1.1	1.2	1.4	1.2	1.2	2%	11%	1.3	-5%
Service charge expense	-1.0	-1.1	-1.2	-1.1	-1.1	2%	13%	-1.2	-9%
Direct property related expenses	0.0	0.0	0.0	0.0	0.0	0%	9%	0.0	50%
Net rental income	3.7	3.6	3.7	3.7	3.7	0%	0%	3.6	3%
Operating expenses	-0.5	-0.3	-0.2	-0.3	-0.5	79%	-4%	-0.3	52%
Other income (expense)	0.0	-0.4	0.0	0.1	0.0	-1.0x	-1.1x	0.0	n/a
EBITDA	3.3	3.0	3.5	3.6	3.3	-8%	0%	3.3	-2%
D&A and revaluation gains	-0.4	-17.3	-4.5	-0.3	0.1	-1.1x	-1.1x	0.0	n/a
Operating profit	2.9	-14.3	-1.1	3.2	6.6	1.0x	1.3x	3.3	96%
Interest income	0.0	0.0	0.0	0.0	0.0	86%	n/a	0.0	n/a
Interest expense	-0.5	-0.5	-0.5	-0.5	-0.4	-2%	-7%	-0.5	-11%
FX differences - realized	-0.7	-0.3	-0.2	0.0	0.0	-11.0x	-1.0x	0.0	n/a
FX differences - not realized	-0.1	0.3	0.2	0.0	0.0	-6.3x	-1.6x	-0.2	-1.2x
PBT	1.6	-14.8	-1.6	2.8	3.0	7%	82%	2.7	11%
Current income tax	0.0	0.0	0.0	0.0	0.0	0%	60%	0.0	0%
Deferred income tax	0.0	0.0	0.0	0.0	0.0	n/a	n/a	0.0	n/a
Profit for the period	1.6	-14.8	-1.6	2.8	2.9	7%	82%	2.6	11%
FFO reconciliation	2Q20	3Q20	4Q20	1Q21	2Q21	21 qoq yoy WO		WOOD	vs. W
Net rental income	3.7	3.6	3.7	3.7	3.7	0%	0%	3.6	3%
Operating expenses	-0.5	-0.3	-0.2	-0.3	-0.5	79%	-4%	-0.3	52%
Other income / expense	0.0	-0.4	0.0	0.1	0.0	-1.0x	-1.1x	0.0	n/a
Net interest expense	-0.5	-0.5	-0.5	-0.4	-0.4	-3%	-9%	-0.5	-13%
Realized FX differences	-0.7	-0.3	-0.2	0.0	0.0	-11.0x	-1.0x	0.0	n/a
FFO I - pre-tax	2.1	2.2	2.8	3.1	2.9	-8%	35%	2.8	0%
Current income tax	0.0	0.0	0.0	0.0	0.0	0%	60%	0.0	0%
FFO I	2.1	2.2	2.8	3.1	2.8	-8%	35%	2.8	0%
# of shares (ex.treasury and employee)	10.1	10.1	10.1	10.1	10.1	0%	0%	10.1	0%
FFO I / sh	0.21	0.22	0.28	0.31	0.28	-8%	35%	0.28	0%
Annualized FFO yield*	7.9%	8.3%	10.6%	11.7%	10.7%				
NAV	165.6	150.6	148.7	152.3	144.9	1%	-24%		
NAV/sh	16.4	14.9	14.7	15.1	14.4	1%	-24%		
P/NAV*	0.64x	0.71x	0.72x	0.70x	0.73x				

Source: Company data, WOOD Research; \*on current share price







### Portfolio

The occupancy rate in the 82k sqm GLA portfolio stood at 94% at the end of 2Q21, in line with the level reported at the end of 1Q21. This is slightly lower than both the 97% seen at the beginning of the pandemic (end-2019), and the longer-term average of the portfolio (between 2015-19, the occupancy ranged between 95-100%). The buildings are rented at an average monthly rent of approximately EUR 15.8/sqm, based on the 2Q21 rental income.

Since the beginning of the pandemic, Graphisoft Park has, cumulatively, written off approximately 10% of the value of its standing properties, booking a EUR 24m loss in FY20 and an additional EUR 0.2m in 1H21. This is much higher than the revaluation result booked by the majority of the CEE landlords we follow, most of which wrote off around 4% of the value of their portfolios in 2020. Based on the rental income in place currently, the portfolio is booked at around a 6.7% gross rental yield. If adjusted for the occupancy (assuming the portfolio is 100% leased at the same average monthly rent level), the yield would stand slightly in excess of 7%.

During 2017-19, the portfolio was booked at around a 6.1% yield on the in-place rental income, on average (c.6.1% at the end of 2017, 6.3% at the end of 2018 and 5.8% at the end of 2019). Colliers estimates that the prime headline yield compressed from around 6% at the end of 2017, to around 5% by the end of 2019. This means that, in 2017, Graphisoft Park's portfolio was booked broadly at the prime yield level for Budapest. By the end of 2018, the gap increased to some 0.8ppts and it remained the same in 2019.

As there is no evidence of a significant weakening of investment demand and pricing for the prime segment of the market, the office yield is reported currently at around 5.25% in Budapest. With Graphisoft Park's properties booked at a c.6.7% yield, the gap over the prime yield is around 1.5ppts currently, the highest in recent history. While we appreciate that a number of new, modern office buildings have been developed recently, and that there is a risk that the effective rents at the Park may face downward pressure in the near term, we believe that the high gap illustrates the conservative approach to valuations that management decided to take, early on in the pandemic. That the properties are not booked aggressively, in our view, is an important part of our constructive view on the stock.

### Graphisoft Park: monthly rents at EUR 15-16/sqm, booked at 6.7%

	4Q15	4Q16	4Q17	4Q18	4Q19	4Q20	1Q21	2Q21
GLA ('000 sqm)	59,000	59,000	67,000	82,000	82,000	82,000	82,000	82,000
BV, standing portfolio (EUR m)			187	235	249	218	218	218
Rental income, annualized (EUR m)	9.36	9.53	11.48	14.81	14.45	14.32	14.56	14.58
Average monthly rent	13.5	13.5	14.4	15.8	15.1	15.5	15.7	15.8
Average occupancy	98%	100%	99%	95%	97%	94%	94%	94%
Gross rental yield			6.1%	6.3%	5.8%	6.6%	6.7%	6.7%
Gross rental yield (adj for full occupancy)			6.2%	6.6%	6.0%	7.0%	7.1%	7.1%

Source: Company data; WOOD Research

\*We have retrospectively adjusted the area between 4Q15 and 4Q17 in order to roughly reflect the different reporting. Each year, we increased the area by 6k sqm, which is the difference between the 1Q18 GLA and the 1Q18 "Area"

Graphisoft Park reported previously.

#### **Budapest office market**

The Budapest office market is comprised of 3.96m sqm currently. The vacancy has continued to trend up, and ended 2Q21 at 9.8%, up 0.8% qoq and over 4ppts higher than the 5.6% recorded at the end of 2019, according to the data compiled by the Budapest Research Forum. The total office space in Budapest increased by 7% – some 270k sqm of new office space was added between the end of 2019 and mid-2021.

Some 44k sqm of new office space was completed in the first half of the year, and we believe we may see the completions of an additional 50-60k sqm by the year-end. For 2022E, there is a little over 200k sqm in the pipeline, but we cannot rule out that some of these developments may be delayed and their completion may be pushed into 2023E. If all the projects proceed on schedule, the modern office space in Budapest would amount to approximately 4.3m sqm by the end of 2022E.

Especially throughout 2018 and 2019, it was very difficult to find larger, contiguous units in modern, centrally-located offices in Budapest, as the vacancy was low, and firms looking for large spaces often needed to resort to pre-leases in a development project. This situation has eased, and we believe we are likely to remain in an occupiers' market in the near term. While the headline rent is largely stable, the incentives have been increasing since the start of the pandemic – until the vacancy stabilises, we expect this trend to continue. We also expect to see continued bifurcation, with the central, core offices being relatively resilient, while the older, B-class stock in less attractive locations, could struggle to attract tenants.

The major realtors are yet to publish their reports on the 2Q21 trends. As of the end of 1Q21, JLL estimated the prime yield for offices in Budapest at around 5.25%.

The significant progress in the vaccination rate should help to bring people back to the offices, and offer better visibility on office space requirements going forward, we believe. Currently, around 59% of Hungarians have received at least one dose of the vaccine, and around 57% of the population is fully vaccinated, according to the



data collected by Our World In Data. This is broadly in line with the average levels of the EU, where around 61% of the population has received at least one dose, and 52% has been fully vaccinated, up to now. In spring this year, Hungary was leading the EU on vaccination levels, thanks to its reliance on Russian and Chinese jabs. That said, towards the end of May, once the majority of those willing to be vaccinated had received their jabs, the progress decelerated rapidly. At the current pace of vaccinations, it would take Hungary until spring next year to vaccinate some 70% of its population fully.

That said, we note that, in the past two months, the number of new COVID-19 cases in Hungary has remained below 100 per day. In spring this year, the number of cases peaked at nearly 10k new cases per day in a country with a population of 10m.

#### Valuation and outlook

On a total return basis, in local currency terms, Graphisoft Park has generated some 25% since we <u>upgraded</u> the stock to BUY in September last year. In EUR terms, the gain is very similar, approximately 27%.

Graphisoft Park is trading currently at approximately an 11% FFO yield and around 0.73x P/NAV, on the latest reported figures. The company remains much cheaper than most of the listed European office real estate landlords, most of which are trading between 3-6% FFO yields, on the consensus estimates, and at around 0.8-1.3x P/Bs. On average, we see the office real estate peers trading at around a 4.7% FFO yield and 1.06x P/B, on the Bloomberg 1YF consensus estimates. We maintain our view that, thanks to its quality portfolio, blue-chip tenants and fairly compact size, Graphisoft Park could be an attractive acquisition target, especially given the further optionality to expand the southern area of the Park via further developments.

Specifically in CEE, we note the CPI and Aroundtown bid for Globalworth, which valued Globalworth at a c.12% discount to its year-end reported IFRS book value and a 20% discount to its year-end EPRA NAV. On the 2020 EPRA earnings per share of EUR 0.37, the joint bid valued Globalworth at 5.3%. We note that most of Globalworth's investors have held onto their shares, and not sold into the bid. Graphisoft Park is trading at much cheaper multiples than the bid valued Globalworth at.

We note that the Starwood bid for CA Immo valued the company at a 10% discount to the year-end EPRA NAV, a 10% premium to the IFRS book value, and a 3.9% pre-tax FFO I yield, on its 2020 earnings. Given that part of its standing portfolio, as well as the vast majority of the development pipeline of CA Immo, is in the key German cities, which have been enjoying very strong positive rental and yield dynamics in recent years, we do not want to suggest that the two stocks should deserve to trade at the same multiples. That said, we believe the wide valuation differential illustrates how cheap Graphisoft Park is, and reinforces our argument about the stock potentially being an attractive acquisition target. Graphisoft Park is trading at c.10x P/FFO, while the bid implied slightly more than 25x P/FFO for CA Immo. This means that Graphisoft Park is nearly 3x cheaper on earnings. We note that, at c.37%, Graphisoft Park's net LTV is higher than CA Immo's (31% as of the end of 1Q21), but the difference is not dramatic.

In the near term, the market-wide rising vacancy and pressure on effective rents might affect Graphisoft Park, and we believe the company may need to offer more attractive incentive packages to tenants whose lease terms are coming to an end. Also, the vacancy may continue to trend up. While, thanks to the 3.7Y unexpired lease term, the impact on earnings would be gradual, in any case, we cannot rule out that the rents could come under pressure in the near term. Importantly, however, the average office rents in Budapest have been growing steadily, from around EUR 11/sqm per month in 2015 to c.EUR 13-14/sqm currently. This means that the premium at which the Park used to be rented, relative to the levels attainable in the rest of the city, has declined substantially over time. Given the good state of the buildings and the unique work environment the Park offers, we believe it should be possible to retain a large majority of the tenants, without having to compromise significantly on the rents.

Year	BV	BVPS	Net LTV	Equity	FFO	FFOPS	FFO ROE	P/BV	FFO	DPS	Div. Yield
	(EUR m)	(EUR)		ratio	(EUR m)	(EUR)			yield	(EUR)	
2017	26	2.6	69%	25%	8.5	0.8	34.3%	3.1x	10.4%	0.3	3.7%
2018	168	16.6	28%	67%	9.9	1.0	10.2%	0.5x	12.1%	0.6	7.9%
2019	179	17.7	25%	60%	12.0	1.2	6.9%	0.6x	11.5%	2.8	26.8%
2020E	160	15.9	34%	57%	10.4	1.0	6.1%	0.7x	9.9%	0.7	6.5%
2021E	169	16.8	32%	58%	10.3	1.0	6.2%	0.6x	9.8%	0.7	6.4%
2022E	175	17.4	30%	59%	10.2	1.0	5.9%	0.6x	9.8%	0.7	6.4%



11 August 2021

### DISCLAIMER

#### Important Disclosures

This investment research is published by WOOD & Company Financial Services, a.s. ("WOOD&Co") and/or one of its branches who are authorised and regulated by the Czech National Bank (CNB) as Home State regulator and in Poland by the Polish Financial Supervision Authority (KNF), in Slovakia by the National Bank of Slovakia (NBS), in Italy by the Companies and Stock Exchange Commission (CONSOB) and in the UK by the Financial Conduct Authority (FCA) as Host State regulators.

This research/commentary was prepared by the assignment of Budapest Stock Exchange Ltd. (registered seat: 1054 Budapest, Szabadság tér 7. Platina torony I. ép. IV. emelet; company registration number: 01-10-044764, hereinafter: BSE) under the agreement which was concluded by and between BSE and WOOD & Company Financial Services, a.s. (registered seat: námstí Republiky 1079/1a, 110 00 Praha 1, Czech Republic; company registration number: 265 03 808, hereinafter: Investment Service Provider).

BSE shall not be liable for the content of this research/commentary, especially for the accuracy and completeness of the information therein and for the forecasts and conclusions; the Service Provider shall be solely liable for these. The Service Provider is entitled to all copyrights regarding this research/commentary however BSE is entitled to use and advertise/spread it but BSE shall not modify its content.

This research/commentary shall not be qualified as investment advice specified in Point 9 Section 4 (2) of Act No. CXXXVIII of 2007 on Investment Firms and Commodity Dealers and on the Regulations Governing their Activities. Furthermore, this document shall not be qualified as an offer or call to tenders for the purchase, sale or hold of the financial instrument(s) concerned by the research/commentary.

This investment research was completed on 10/08/2021 at 23:45 CET and disseminated on 11/08/2021 at 07:30 CET.

#### WOOD&Co's rating and price target history for Graphisoft Park in the preceding 12-month period:

Date	Rating	Date	PT	
03/12/2019	HOLD	03/12/2019	HUF 5,285	
10/09/2020	BUY	10/09/2020	HUF 5.237	

The meanings of recommendations made in WOOD&Co's investment research are as follows:

BUY: The stock is expected to generate total returns of over 15% during the next 12 months as measured by the price target.

HOLD: The stock is expected to generate total returns of 0-15% during the next 12 months as measured by the price target.

SELL: The stock is expected to generate a negative total return during the next 12 months as measured by the price target.

RESTRICTED: Financial forecasts, and/or a rating and/or a price target is restricted from disclosure owing to Compliance or other regulatory/legal considerations such as a blackout period or a conflict of interest.

NOT RATED: Suspension of rating after 30 consecutive weekdays where the current price vis-à-vis the price target has been out of the range dictated by the current BUY/HOLD/SELL rating.

COVERAGE IN TRANSITION: Due to changes in the Research team, the disclosure of a stock's rating and/or price target and/or financial information are temporarily suspended.

As of the end of the last calendar quarter, the proportion of all WOOD&Co's investment research vis-à-vis the proportion of subject companies that were investment banking clients over the previous 12 months is as follows:

	BUY	HOLD	SELL	Restricted	NOT RATED	Coverage in transition
Equity Research Coverage	55%	37%	8%	1%	n.a.	1%
IB Clients	1%	1%	n.a.	1%	n.a.	n.a.

Any prices of financial instruments quoted in this investment research are taken as of the previous day's market close on the home market unless otherwise stated.

Details of the methodologies used to determine WOOD&Co's price targets and risk assessment related to the achievement of the targets are outlined throughout the most recent substantive report/note on the subject company.

It should be assumed that the risks and valuation methodology presented in daily news or flash notes, and not changing WOOD&Co's estimates or ratings, are as set out in the most recent substantive research report/note on the subject company and can be found on our website at https://research.wood.com.

WOOD&Co's policy is to update investment research as it deems appropriate, based on developments in the subject company, sector or market that may have a material impact on the views or opinions stated in the investment research.



### 11 August 2021

### WOOD Research Disclosures (as of 11 August 2021)

Company	Disclosures	Company	Disclosures
Alior Bank	5	Kety	5
Alpha Services and Holdings S.A.	1, 2, 3	KGHM	5
AmRest	5	Kofola CS	5
ANY Security Printing Company PLC	5	Komercni	4, 5
Astarta Holding N.V.	4	Kruk	5
Banca Transilvania	5	Lotos	5
Bank of Cyprus	4	MedLife	4
Benefit Systems S.A.	1, 2, 3	MONETA Money Bank	5
BRD	5	O2 Czech Republic	1, 4, 5
Bucharest Stock Exchange	5	OMV Petrom	3, 5
Santander Bank Polska	5	Orange PL	5
CCC	5	Piraeus Financial Holdings S.A.	1, 2, 3
CD Projekt	5	Pekao	4, 5
Ceska zbrojovka Group	1, 2, 3	PGE	5
CEZ	5	PGNiG	5
CME	5	Philip Morris CR	5
Dino	5	PKN Orlen	5
DO&CO	5	PKO BP	4, 5
Electrica	5	PZU	4, 5
Erste Group Bank	5	Romgaz	5
Eurobank	4	Santander Bank Polska	5
Eurocash	4, 5	Siauliu Bankas	1, 2, 4
Fortuna	5	Tauron	5
Fondul Proprietatea	1, 2, 3, 4, 5	TBC Bank	3
Graphisoft Park	5	Ten Square Games	3
ING BSK	5	Transelectrica	5
Kazatomprom	5	Transgaz	5
Kernel	5	Warsaw Stock Exchange	5

#### Description

- 1 The company currently is, or in the past 12 months was, a client of WOOD & Co or any of its affiliates for the provision of corporate finance/investment banking services.
- 2 In the past 12 months, WOOD & Co or any of its affiliates have received compensation for corporate finance/investment banking services from the company.
- 3 In the past 12 months, WOOD & Co or any of its affiliates have been lead manager or co-lead manager of a publicly disclosed offer of the company's financial instruments.
- 4 In the past 12 months, WOOD & Co or any of its affiliates have acted as broker to the company
- 5 WOOD & Co or any of its affiliates are market maker(s) or liquidity provider(s) in relation to financial instruments of the company.
- 6 In the past 12 months, WOOD & Co or any of its affiliates have provided to the company any services set out in Sections A and B or Annex I to the Directive 2014/65/EU of the European Parliament and of the
- Council, other than services listed under points 1, 3, 4 or 5 above, or received compensation for such services from the company.
- 7 The authoring analyst or any individual involved in the preparation of this investment research have purchased/received shares in the company prior to a public offering of those shares; and the price at which they were acquired along with the date of acquisition are disclosed above.
- 8 The authoring analyst or any individual involved in the preparation of this investment research has a direct ownership position in securities issued by the company.
- 9 A partner, director, officer, employee or agent of WOOD & Co and its affiliates, or a member of his/her household, is an officer, or director, or serves as an advisor or board member of the company.
- 10 WOOD & Co or its affiliates hold a net long or short position exceeding the threshold of 0,5% of the total issued share capital of the company, calculated in accordance with Article3 of Regulation (EU) No 236/2012 and with Chapters III and IV of Commission Delegated Regulation (EU) No 918/2012.
- 11 The company owns more than 5% of the total issued share capital in WOOD & Co or any of its affiliates.

The authoring analysts who are responsible for the preparation of this investment research have received (or will receive) compensation based upon (among other factors) the overall profits of WOOD&Co, which includes corporate finance/investment banking, sales and trading and principal trading revenues. However, such authoring analysts have not received, and will not receive, compensation that is directly based upon or linked to one or more specific activities, or to recommendations contained in the investment research. One factor in equity research analyst compensation is arranging corporate access events/meetings between institutional clients and the management teams of covered companies (with the company management being more likely to participate when the analyst has a positive view of the company).

WOOD&Co and its affiliates may have a corporate finance/investment banking or other relationship with the company that is the subject of this investment research and may trade in any of the designated investments mentioned herein either for their own account or the accounts of their clients, in good faith or in the normal course of market making. Accordingly, WOOD&Co or their affiliates, principals or employees (other than the authoring analyst(s) who prepared this investment research) may at any time have a long or short position in any such designated investments, related designated investments or in options, futures or other derivative instruments based thereon.

WOOD&Co manages conflicts of interest arising as a result of preparation and publication of research through its use of internal databases, notifications by the relevant employees and Chinese Walls as monitored by Compliance. For further details, please see our website at https://www.wood.cz/mifid-information/.

The information contained in this investment research has been compiled by WOOD&Co from sources believed to be reliable, but (with the exception of the information about WOOD&Co) no representation or warranty, express or implied, is made by WOOD&Co, its affiliates or any other person as to its fairness, accuracy, completeness or correctness. WOOD&Co has not independently verified the facts, assumptions, and estimates contained herein. All estimates, opinions and other information contained in this investment research constitute WOOD&Co' judgement as of the date of this investment research, are subject to change without notice and are provided in good faith but without legal responsibility or liability.

WOOD&Co salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients and our proprietary trading desk that reflect opinions that are contrary to the opinions expressed in this investment research. WOOD&Co's affiliates, proprietary trading desk and investing businesses may make investment decisions that are inconsistent with the recommendations or views expressed in this investment research.

This investment research is provided for information purposes only and does not constitute or form part of an offer or invitation or solicitation to engage in investment activity or to buy or sell any designated investments discussed herein in any jurisdiction. As a result, the designated investments discussed in this investment research may not be eligible for offer or sale in some jurisdictions. This investment research is not, and under no circumstances should be construed as, a solicitation to act as a securities broker or dealer in any jurisdiction by any person or company that is not legally permitted to carry on the business of a securities broker or dealer in that jurisdiction.

This investment research is prepared for general circulation to WOOD&Co's clients and does not have regard to the investment objectives, financial situation or particular needs of any particular person. Investors should consider this report as only a single factor in making their investment decision and obtain advice based on their own individual circumstances before making an investment decision. To the fullest extent permitted by law, none of WOOD&Co, its affiliates or any other person accepts any liability whatsoever for any direct or consequential loss arising from or in connection with the use of this investment research.

#### For United Kingdom or EU Residents:

This investment research is only for persons who are eligible counterparties or professional clients within the meaning of Directive 2014/65/EU of the European Parliament and of the Council of 15 May 2014 on markets in financial instruments and amending Directive 2002/92/EC and Directive 2011/61/EU and is exempt from the general restrictions in section 21 of the Financial Services and Markets Act 2000 (or any analogous legislation) on the communication of invitations or inducements to engage in investment activity on the grounds that it is being distributed in the United Kingdom only to persons of a kind described in



### 11 August 2021

Article 19(5) (Investment Professionals) and 49(2) (High Net Worth companies, unincorporated associations, etc.) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended). It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons. This material is not for distribution in the United Kingdom or Europe to retail clients, as defined under the rules of the Financial Conduct Authority.

#### For United States Residents:

This investment research distributed in the United States by WOOD&Co, and in certain instances by Brasil Plural Securities LLC ("Brasil Plural"), a U.S. registered broker dealer, only to "major U.S. institutional investors", as defined under Rule 15a-6 promulgated under the U.S. Securities Exchange Act of 1934, as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC"). This investment research is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research and are not a major U.S. institutional investor, you are resident outs to to read, rely on or reproduce the contents hereof, and to destroy this research or return it to WOOD&Co or to Brasil Plural. Analyst(s) preparing this report are employees of WOOD&Co who are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore the analyst(s) are not be subject to Rule 2711 of the Financial Industry Regulatory Authority ("FINRA") or to Regulation AC adopted by SEC which, among other things, restrict communications with a subject company, public appearances and personal trading in securities by a research analyst. Any major U.S. Institutional investor vishing to effect transactions in any securities Investor Protection Corporation. Its address is 545 Madison Avenue, 8th Floor, New York, NY 10022 and its telephone number is 212-388-5613. WOOD&Co is not affiliated with Brasil Plural or any other U.S. registered broker-dealer.

The views and sentiments expressed in this investment research and any findings thereof accurately reflect the analyst's truthful views about the subject securities and or issuers discussed herein.

### <u>WO</u>&ОD сомрану

### 11 August 2021

### Czech Republic

namesti Republiky 1079/1a Palladium 110 00 Praha 1 Tel +420 222 096 111 Fax +420 222 096 222

### Research

Co-Head of Research/Head of Research Poland Marta Jezewska-Wasilewska +48 22 222 1548 marta.jezewska-wasilewska@wood.com

Head of Turkey Research Atinc Ozkan +90 542 202 3632 atinc.ozkan@wood.com

Head of Financials Can Demir +44 203 530 0623 can.demir@wood.com

Consumer/Real Estate Jakub Caithaml +420 222 096 481 jakub.caithaml@wood.com

Financials David Lojkasek +420 222 096 256 david.lojkasek@wood.com

Sales

Kristen Andrasko +420 222 096 253 kristen.andrasko@wood.com

Grzegorz Skowronski +48 22 222 1559 grzegorz.skowronski@wood.com

### Sales Trading and Execution Services

Zuzana Mora +420 222 096 283 zuzana.hronska@wood.com **Poland** Skylight Zlote Tarasy Zlota 59 00 120 Warszawa Tel +48 22 222 1530 Fax +48 22 222 1531

16 Berkeley Street London W1J 8DZ Tel: +44 20 3530 0691

UK

Co-Head of Research/Head of Greek Research

alex.boulougouris@wood.com

ildar.davletshin@wood.com

piotr.raciborski@wood.com

ondrej.slama@wood.com

fani.tzioukalia@wood.com

Alex Boulougouris

Head of Russia Research

Ildar Davletshin

+44 203 530 0631

Piotr Raciborski

+48 22 222 1551

Energy/Utilities

Greece

Ondrej Slama

+420 222 096 484

Fani Tzioukalia

Jan Koch

+30 211 106 9449

+48 22 222 1616

jan.koch@wood.com

Jarek Tomczynski

jarek.tomczynski@wood.com

+44 203 530 0688

Ermir Shkurti

+420 222 096 847

ermir.shkurti@wood.com

Head of TMT

+30 211 106 9447

Italy Via Luigi Settembrini, 35 20124 Milan Italy Tel +39 02 36692 500

Fax +39 02 67910 761

Consumer/Industrials Lukasz Wachelko +48 22 222 1560 lukasz.wachelko@wood.com

Head of Romania Research Iuliana Ciopraga +40 727 383 933 iuliana.ciopraga@wood.com

Energy Jonathan Lamb +44 203 530 0621 jonathan.lamb@wood.com

Poland Pawel Wieprzowski +48 22 222 1549 pawel.wieprzowski@wood.com

Russia Dmitry Vlasov +44 750 714 6702 dmitry.vlasov@wood.com

Piotr Kopec +48 22 222 1615 piotr.kopec@wood.com

Kostas Tsigkourakos +30 694 082 5810 kostas.tsigkourakos@wood.com

Vladimir Vavra +420 222 096 397 vladimir.vavra@wood.com Kristen Andrasko Head of Equities +420 222 096 253 kristen.andrasko@wood.com http://www.wood.com Bloomberg page WUCO

> Macroeconomics Raffaella Tenconi +44 203 530 0685 raffaella.tenconi@wood.com

Macroeconomics Alessio Chiesa +44 75177 06102 alessio.chiesa@wood.com

Utilities/Mining/Pharma Bram Buring +420 222 096 250 bram.buring@wood.com

Consumer Jakub Mician +420 222 096 320 jakub.mician@wood.com

Gaming/Mid-caps Maria Mickiewicz +48 602 450 718 maria.mickiewicz@wood.com

**Ioana Pop** +44 20 3530 0693 ioana.pop@wood.com

Tatiana Sarandinaki Brasil Plural in association with WOOD & Co. +1 212 388 5613 tsarandinaki@wood-brasilplural.com

Prague Sales, Trading, Research Tel.: +420 224 236 065