Macroeconomic and Strategic Analysis



UniCredit Weekly Report

The Romanian loans accelerated, while deposits declined in June

29 July, 2024

Anca Maria NEGRESCU
Senior Economist
+40 723 103 008
anca.negrescu@unicredit.ro

Mihai JUGRAVU
Macroeconomic Economist
+40 790 684 924
mihai jugravu @unicredit.ro

Iulia CORLANESCU
Macroeconomic Economist
+40 724 052 840
iulia.corlanescu@unicredit.ro



Weekly briefing

The US Vice President Kamala Harris has the first chance to replace the US President Joe Biden in the presidential race on November 5. The final decision will be taken at the Democrat party's official nominating convention on August 19-22. Last week, the US GDP increased above expectations by an annualized 2.8% qoq in 2Q 2024, from 1.4% qoq in 1Q, mainly due to personal consumption. Other upward contributions came from non-residential investments, inventories and government consumption, while residential investments and net exports had negative contributions. Firms increased sharply their imports to boost inventories, considering the shipping delays and import tariffs rises. UniCredit expects the US GDP to grow by 2.2% in 2024. The US core PCE inflation rose by 0.2% mom in June, as expected, from 0.1% mom in May. Although it was higher than expected at 2.9% annualized in 2Q24, it declined from 3.7% in 1Q24. On an annual basis, it was unchanged in June at 2.6% yoy.

Eurozone consumer confidence improved to -13.0 in June by 1pp vs. May. The index improved for the sixth month in a row, reflecting the optimism regarding the ECB's further monetary easing expected in September and December. The Eurozone Composite PMI decreased for the second month to 50.1 in July, very close to the 50 threshold which marks the entrance into a contractionary territory, down from 50.9 in June. The index declined for manufacturing to 45.6 and for services to 51.9. The labour market weakened further, with a decrease in employment. However, the business expectations showed a slight improvement. The Composite PMI declined in Germany for second month in a row to 48.7 from its highest level in the last year (52.4 in May), while in France rose to 49.5 for first time since April. The Eurozone manufacturing deteriorated to 45.6, with Germany index down to 42.6 in July and France index down to 44.1. The Eurozone services deteriorated by 1 point to 51.9, despite a pickup in tourism-related activity, with Germany services index down to 52.0 in July mainly due to a weaker demand from abroad. In France the services sector was returning to growth (50.7 vs 48.8 in June). Despite weaker PMIs in Eurozone, UniCredit considers that a moderate economic growth and the ongoing disinflation are supporting its baseline scenario of 75bp cut this year, by 25bp every quarter starting June.

In Romania, the non-governmental loans rose by a strong 1.8%mom in June 2024 (from 0.5%mom in May), due to the 2.3%mom rise of loans in RON and 0.8%mom growth of FX loans. The growth pace accelerated to 6.7%yoy. Companies' loans accelerated to 3.9%mom for RON component and 1.1%mom for FX component. Lending accelerated both for individuals to 6.0%yoy, mainly due to consumer, and for companies to 7.4%yoy. The total savings of residents decreased by -1.2%mom (after 0.4%mom in May), still maintaining a high yearly growth pace of 9.8%, as individuals savings kept their double digit growth (+12.5%yoy), while companies' savings slowed down (+5.9%yoy).

This week, in Eurozone, we expect a deceleration in 2Q24 GDP growth (Tuesday) and a slight decline in July core inflation, to 2.7% (Wednesday). The Fed will likely remain on hold at its July meeting, while signaling that it is getting closer to cutting rates (Wednesday). The US nonfarm payrolls likely increased at a slower pace in July (Friday)



CURRENCIES - N	MAJORS					
Currencies	Las	t	1D ch (%)	1M ch (%)		
EURUSD	1.083	1.0831		1.41%		
EURCHF	154.0	154.00		-3.58%		
USDJPY	1.29	1.29		1.46%		
GBPUSD	1.236	1.2360		4.36%		
CURRENCIES - C	CEE					
Currencies	Las	t	1D ch (%)	1M ch (%)		
EURPLN	4.28	75	0.27%	-0.59%		
EURHUF	392.0	00	0.27%	-1.26%		
EURCZK	25.3	37	0.00%	1.90%		
CURRENCIES - N	NBR REFERE	NCE				
Currencies	EUR	USD	SDR	XAU (1g)		
29-Jul	4.9720	4.5874	6.0830	352.69		
CURRENCIES - F	RON					
	EURR	ON	USD	RON		
29-Jul	4.97	4.972		591		
26-Jul	4.97	4.972		579		
25-Jul	4.96	i8	4.582			
FIXED INCOME N	MARKET YIE	LDS - LOC	AL			
Mid-rate	1Y	3Y	5Y	10Y		
29-Jul	5.7	6.2	6.2	6.8		
24-Jul	5.7	6.1	6.2	6.8		
MONEY MARKE	TRATES - LO	CAL				
ROBOR	ON		1M	3M		
29-Jul	5.75	5	5.80	5.80		
26-Jul	5.75	5.75		5.80		
25-Jul	5.75	5	5.80	5.80		
MONEY MARKE	TRATES - M	AJORS				
Euribor	1M		3M	6M		
26-Jul	3.62	2	3.66	3.59		
25-Jul	3.60)	3.69	3.62		
24-Jul	3.60)	3.70	3.65		
USD Libor	1M		ЗМ	6M		
26-Jul	5.46	6	5.52	5.52		
25-Jul	5.46	6	5.53	5.54		
24-Jul	5.46	6	5.54	5.57		
STOCK MARKET	rs					
Index	Las	t	1D ch (%)	1M ch (%)		
S&P 500	5,459	9.1	1.11%	-0.29%		
FTSE	8,349	9.8	0.77%	2.24%		
Hang Seng	17,23	8.3	1.28%	-2.99%		
Bucharest BET	18,59	6.3	0.18%	1.93%		

Romanian Economy

The Romanian loans accelerated, while deposits declined in June

Non-governmental loans increased by a strong 1.8%mom in June 2024 (from 0.5%mom in May), due to the 2.3%mom increase of the loans denominated in RON and the 0.8%mom growth of the foreign currency credits. On a yearly basis, the growth pace of the non-governmental loans accelerated to 6.7%yoy (from 5.7%yoy in May), due to both RON and FX lending, which increased by 8.7%vov and by 2.7%vov, respectively. The outstanding loans of households in local currency increased by 1.2%mom, while the foreign component continued its descent (-1.2%mom). Companies' loans accelerated in June to 3.9%mom (from -0.2%mom in May) for the RON component, while the foreign currency component was up by 1.1%mom (from 0.6%mom). In yearly terms, lending accelerated both for individuals to 6.0%yoy, mainly due to consumer loans, and for companies 7.4% yoy. On the deposits' side, the total savings of the residents decreased by -1.2%mom (after 0.4%mom in May), still maintaining a high yearly growth pace of 9.8%, as individuals savings maintained their double digit growth (+12.5%yoy), while the companies savings slowed down (+5.9%yoy vs. 8.3%yoy in May).



European Economy

■ Eurozone consumer confidence improved in June

Eurozone consumer confidence increased to -13.0 in June [UniCredit Research and consensus: -13.5], up by 1pp as compared to May. The index improved for the sixth consecutive month, at its highest since February 2022, reflecting the optimism regarding the ECB's further monetary easing expected in September and December. In the European Union as a whole, the index also improved by 0.7pp to -12.2 points.

Eurozone and Germany PMIs surprised to the downside in July

Eurozone Composite PMI decreased for the second month to 50.1 in July very close to the 50 threshold which marks the entrance into a contractionary territory [UniCredit: 51.4, consensus: 50.7], down from 50.9 in June. The manufacturing index further declined to 45.6 from 45.8. New orders declined for the second month and business confidence fell to its lowest level in the last six months. Also, the index for services declined to 51.9 from 52.8. The labour market weakened further with a decrease in employment. However, the business expectations showed a slight improvement.

At country level, the composite PMI declined in Germany for the second month in a row to 48.7 from its highest level in the last year (52.4 in May), while in France rose to 49.5 for the first time since April.

Eurozone manufacturing deteriorated to 45.6, with Germany index declining to 42.6 in July and France index down to 44.1 due to the weaker demand.

Eurozone services deteriorated by almost 1 point to 51.9 despite a pickup in tourism-related activity, with Germany index declining to 52.0 in July (from 53.1 in June) mainly due to a weaker demand from abroad. The service firms reduced their staff in Germany, ending a six-month period of new jobs creation. In France the services sector was returning to growth (50.7 vs 48.8 in June).

Despite weaker PMIs in Eurozone, UniCredit considers that a moderate economic growth and the ongoing disinflation are supporting its baseline scenario of a cumulative 75bp cut this year, by 25bp every quarter starting June.

Germany Ifo Business Climate Index continued to decrease in July

The Ifo Business Climate indicator for Germany surprised to the downside declining to 87.0 in July, despite the expected recovery [UniCredit and consensus: 89.0], after its decline to 88.6 in June. The index declined for the third month in a row, at its lowest since February. The German companies were more pessimistic regarding both the next months (expectations index at 86.9 vs 88.8 in June) and the current business situation (87.1 vs 88.3). The business climate deteriorated in manufacturing services, trade and construction, impacted by the strong rises in shipping costs on routes between China and Europe and the possibility of higher Chinese import tariffs on German cars.



US Economy

Kamala Harris has the first chance to replace the US President Joe Biden in the presidential race

The US Vice President Kamala Harris has secured the backing of more than the 1976 delegates needed for her nomination in the first round of voting. Her campaign also obtained more than USD 81mn in donations in just 24 hours.

The pledged support is not binding until the delegates cast their votes between 1 and 7 August, while the final decision regarding the new candidate of the Democrat party will be taken following the votes at the party's official nominating convention in August.

Following the announcement that the US President Joe Biden will campaign for November 5 elections, UniCredit Research expects some of the political uncertainty that has driven markets recently, to calm down. While the past week the spreads widened in all bond segments, this week started on a more constructive tone as the bank senior bonds and the high-grade corporate bonds traded flat and the high-yield bonds rose by only 3bp. The political volatility should pick up again in August, when the Democrats will make strategic announcements about their candidates and policies before their convention to be held on August 19-22.

■ US GDP increased above expectations by 2.8% gog in 2Q24

The US economy accelerated by an annualized 2.8%qoq in 2Q24 [UniCredit Research and consensus: 1.8%], from 1.4%qoq in the previous quarter. The main driver of growth was the personal consumption, which rose by a solid 2.3%qoq (vs 1.5%qoq in 1Q24) and contributed by 1.6pp to GDP growth given its large share in GDP (68%). Spending on goods rebounded, recovering its loss in 1Q24, driven by durables and particularly motor vehicles. Also, spending on services continued to rise. UniCredit Research expects consumption to slow in 2H24, as the personal savings rate slowed down to a historically low 3.5% (from 3.8%) and real personal disposable income to just 1.0% annualized (from 1.3%). Most households have now exhausted the savings buffers accumulated during the pandemic and from large fiscal transfers. This is also evident in rising the delinquency rates on credit cards and auto loans. The labor market is slowing, with the unemployment rate steadily rising, it seems likely that households will want to rebuild savings balances, for precautionary reasons.

Other upward contributions came from the non-residential investments which rose by a fast 5.2% annualized, mainly driven by equipment up by 11.6%qoq (vs 1.6% in 1Q24) adding 0.7pp to GDP growth, the inventories, adding 0.8pp to GDP growth, and the government consumption, which rose by 3.1%qoq (vs 1.8% in 1Q24) mainly due to defense (financing for Ukraine and Israel).

These were partly offset by the negative contributions of residential investments, down for the first time in a year to -1.4%qoq (vs 16%qoq in 1Q24) and of net exports, as the imports rose faster than exports (+7% vs. +2%).



US Economy (continued)

Firms increased sharply their imports to boost inventories, considering the shipping delays and the import tariffs increases. Higher imports contributed to the rise in inventories, particularly retail inventories, which is likely to weigh on GDP growth in 2H24.

Perhaps the most important news in the US 2Q24 GDP release, was that the core PCE deflator (the Fed's preferred measure of inflation) rose by 2.9% annualized in 2Q24, up by 0.2pp vs. consensus' expectation. This, along with signs that the labor market and economic activity will slow in 2H24, should keep the Fed on course to start cutting rates in September.

UniCredit Research still expects the US GDP growth to slow in 2H24 and to grow by 2.2% in 2024 (down vs. 2.5 in 2023).

■ US core PCE inflation increased by 0.2% momin June

Core PCE inflation increased by 0.2%mom in June, as expected, from 0.1%mom in May. The yesterday's release for 2Q24 GDP deflator showed somewhat a higher-than-expected core PCE inflation of 2.9% annualized, although down from 3.7% in 1Q24. This is still a progress on disinflation compared to the inflation spike in 1Q24. On an annual basis, the core PCE inflation remained unchanged in June at 2.6%yoy. The personal consumption expenditure decelerated to 0.3% mom from an upwardly revised 0.4%mom in May, mainly driven by the spending for services, especially for international travel, housing and utilities. There were recorded decreases in spending for motor vehicles and parts, gasoline and other energy goods. Personal income increased slower than expected by 0.2%mom in June, down from 0.4% in May, as the growth in wages slowed and the population seems that exhausted the savings buffers constituted during pandemic.



International and Romanian Markets

■ The EURRON traded below 4.97 last week

Last week, the EURRON traded within the 4.9680-4.9735 range, with a downward bias towards the end of the week. The pair ended last Friday's trading session at 4.9720, almost unchanged in comparison to the closing level of the previous week. The EURRON started the current week slightly above 4.9700.

The ROBOR curve remained almost flat last week

Last week, the ROBOR curve remained almost flat, at the lower levels reached after the NBR's rate cut on July 5. Due to the ample market liquidity, the O/N-1W segment closed the week at 5.76%-5.77% and the 1M-3M segment remained within 5.79%-5.80%, just 1bp lower for 3M maturity vs. the end of the previous week.

MinFin auctions

Last Monday, the Ministry of Finance held an auction for a T-bond with maturity of 13.8 years. The bids covered the planned amount, at RON 410.3mn vs. RON 300mn, enabling MinFin to place RON 335.4mn. The average accepted yield was 6.80% (max. 6.82%), which is 20bp above the T-bond reopening in March.

Last Thursday, the Ministry of Finance held an auction for T-bonds with residual maturity of 1.5 years. The issue enjoyed a high demand, with bids covering the planned amount at RON 2bn vs RON 600mn, enabling the MinFin to place RON 1.9bn. The average accepted yields were 6.02% (max 6.02%), down 8bp from the previous reopening one month ago.

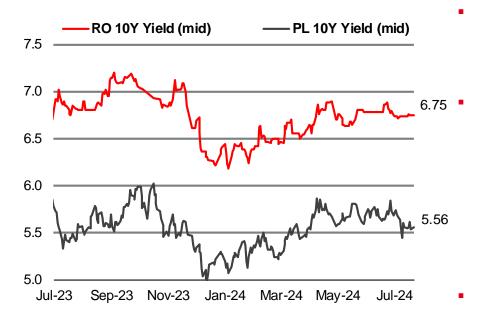
FX markets

In FX, the US personal-income and PCE data for June, including price indices, had a moderate impact on FX, dragging the USD only slightly down and leaving the US Dollar Index (DXY) above 104. EUR-USD just moved above 1.0850 but was unable to re-approach 1.09. Against this backdrop, market focus will likely remain on fundamentals and the Fed decision on Wednesday. The FOMC is widely expected to remain on hold, but UniCredit Research expects the FOMC to make another step towards a likely rate cut at the 18 September meeting.



Focus Ahead: 29 July – 2 August

MinFin Issues



Data Source: Thomson Reuters

- According to the fixing levels, last week the bond yields increased by 1bp for all maturities.
- The Fed funds rate is broadly expected to remain on hold at 5.25-5.50% on 31 July. The post-meeting statement will probably hint at a rate cut in September. USTs have already reacted, with the curve bull-steepening.
- This week, MinFin intends to place RON 500mn in 11 months T-bills on Monday.

	EKTXSRHD6 25-Jul-24 28-Jan-26 18 600 lei 2,001 1,871 6.02 DU3PR9NF9 22-Jul-24 24-Feb-38 166 300 lei 410 335 6.8							
ISIN Code	Auction Date	Maturity Date	Months	Planned Amount	Currency	Total Applications	Total Allocated	Yield (avg)
RO1ENID1Z6R5	29-Jul-24	30-Jun-25	11	500	lei			
RO7EKTXSRHD6	25-Jul-24	28-Jan-26	18	600	lei	2,001	1,871	6.02
RO0DU3PR9NF9	22-Jul-24	24-Feb-38	166	300	lei	410	335	6.8
ROP9QVD42HO2	18-Jul-24	31-May-27	35	400	lei	1,163	798	6.19
ROJVM8ELBDU4	15-Jul-24	25-Apr-29	58	500	lei	1,051	886	6.4
ROCDG04X8WJ7	11-Jul-24	26-Apr-28	46	500	lei	1,175	815	6.3
ROTM7EDD92S2	11-Jul-24	31-Jul-34	122	600	lei	1,271	1,108	6.82
RON7NMKOKQG2	8-Jul-24	28-Oct-26	28	400	lei	1,613	1,200	6.06
RO7QK1HCA6H4	4-Jul-24	27-Jan-25	7	800	lei	1,912	1,548	6
RO1JS63DR5A5	4-Jul-24	28-Apr-31	83	300	lei	1,071	862	6.71
ROZZHW59GQL5	1-Jul-24	30-Jun-25	12	800	lei	1,656	1,307	6.01
ROWLVEJ2A207	1-Jul-24	30-Oct-33	114	300	lei	1,108	943	6.87



Focus Ahead: 29 July – 2 August

Data Calendar

Date	Country	Indicator/Event	Period	UniCredit forecast	Consensus	Previous
30-Jul-2024	GE	Consumer price index, CPI (% yoy)	Jul	2.2	2.2	2.2
	GE	Real GDP (% qoq)	2Q	0.1	0.1	0.2
	EMU	Real GDP (% qoq)	2Q	0.2	0.2	0.3
	EMU	EC Economic Sentiment (index)	Jul	94.3		95.9
31-Jul-2024	EMU	Consumer price index, CPI (% yoy)	Jul	2.5	2.4	2.5
	EMU	Core CPI (% yoy)	Jul	2.7		2.9
	GE	Unemployment rate (%)	Jul	6.0	6.0	6.0
	US	Federal Funds Target Rate (upper bound, %)		5.50	5.50	5.50
1-Aug-2024	EMU	Unemployment rate (%)	Jun	6.5	6.4	6.4
	US	Manufacturing ISM (index)	Jul	48.3	49.0	48.5
2-Aug-2024	US	Average hourly earnings (% mom)	Jul	0.3	0.3	0.4
	US	Unemployment rate (%)	Jul	4.1	4.1	4.1
	US	Non-farm payrolls (change thousands mom)	Jul	180.0	175.0	206.0

Data Source: Bloomberg



Economic Forecasts

	2021	2022	2023	2024F	2025F
GDP (EUR bn)	241.7	284.1	324.6	353.0	375.9
Population (mn)	19.2	19.0	19.1	19.1	19.0
GDP per capita (EUR)	12,567	14,918	17,035	18,528	19,758
Real economy, change (%)					
GDP	5.7	4.1	2.1	2.4	1.3
Private Consumption	7.2	5.8	2.8	3.7	0.9
Fixed Investment	2.9	5.9	14.4	3.3	3.0
Public Consumption	1.8	-3.3	6.0	2.9	-0.4
Exports	12.6	9.7	-1.4	2.8	4.9
Imports	14.8	9.5	-1.4	5.1	3.6
Monthly wage, nominal (EUR)	1175	1303	1489	1705	1785
Real wage, change (%)	2.0	-2.2	3.6	9.1	1.4
Unemployment rate (%)	5.6	5.6	5.6	5.4	5.6
Fiscal accounts (% of GDP)					
Budget balance	-7.2	-6.3	-6.6	-6.9	-5.3
Primary balance	-5.7	-4.2	-4.7	-5.1	-3.4
Public debt	48.5	47.5	48.8	50.9	52.7
External accounts					
Current account balance (EUR bn)	-17.5	-26.0	-22.6	-24.6	-21.6
Current account balance/GDP (%)	-7.2	-9.2	-7.0	-7.0	-5.7
Extended basic balance/GDP (%)	-1.5	-3.6	-2.9	-2.9	-1.6
Net FDI (% of GDP)	3.7	3.1	2.0	1.9	1.9
Gross foreign debt (% of GDP)	56.5	50.7	52.4	51.4	51.4
FX reserves (E UR bn)	40.5	46.6	59.8	58.7	59.8
Months ofimports, goods & services	4.3	3.9	5.0	4.7	4.6
Infation/Monetary/FX					
CPI (pavg)	5.0	13.7	10.5	5.6	4.5
CPI (eop)	8.2	16.4	6.6	4.6	4.4
Central bank inflation target	2.50	2.50	2.50	2.50	2.50
Central bank reference rate (eop)	1.75	6.75	7.00	6.50	5.00
3M money market rate (Dec avg)	2.83	7.66	6.25	5.76	4.79
USDRON (eop)	4.37	4.63	4.50	4.57	4.53
EURRON (eop)	4.95	4.95	4.97	4.99	5.07
USDRON (pavg)	4.16	4.68	4.57	4.61	4.55
EURRON (pavg)	4.92	4.93	4.95	4.98	5.04



Disclaimer

Our analyses are based on information obtained from or are based upon public information sources that we consider to be reliable but for the completeness and accuracy of which we assume no liability. All information, estimates, opinions, projections and forecasts included in the report represent the independent judgment of the analysts as of the date of the issue unless stated other-wise. We reserve the right to modify the views expressed herein at any time without notice. Moreover, we reserve the right not to update this information or to discontinue it altogether without notice. This report may contain links to websites of third parties, the content of which is not controlled by UniCredit Bank. No liability is assumed for the content of these third-party websites.

This analysis is for information purposes only, does not represent an investment recommendation and (i) does not constitute or form part of any offer for sale or subscription of or solicitation of any offer to buy or subscribe for any financial, money market or investment instrument or any security, (ii) is neither intended as such an offer for sale or subscription of or solicitation of an offer to buy or subscribe for any financial, money market or investment instrument or any security nor (iii) as marketing material within the meaning of applicable prospectus law. The investment possibilities which may be considered based on this report bear certain risks and may not be appropriate for certain investors depending on their specific investment objectives and time horizon or in the context of their overall financial situation. A mong these risks there are, without being limited to, the following: fluctuations in the price or value of an investment, modification of the exchange rates, interest rates or the yields, that may have a negative impact on the value of investments. Furthermore, past performance is not necessarily indicative of future results. Our analysis and conclusions are general and do not address investors' individual objectives.

This information is given as "information only", without any warranty on an "as is" basis and should not be regarded as a substitute for obtaining individual advice. Investors must make their own determination of the appropriateness of an investment in any instruments referred to herein, based on the merits and risks involved, their own investment strategy and their legal, fiscal and financial position. As this document does not qualify as an investment recommendation or as a direct investment recommendation, neither this document nor any part of it shall form the basis of, or be relied on in connection with or act as an inducement to enter into, any contract or commitment whatsoever. Investors are urged to contact their own investment advisors for individual explanations and advice.

Neither UniCredit Bank AG, UniCredit Bank AG London Branch, UniCredit Bank AG Milan Branch, UniCredit Bank AG Vienna Branch, UniCredit Bank Austria AG, UniCredit Bulbank, Zagrebačka banka d.d., UniCredit Bank Czech Republic and Slovakia, ZAO UniCredit Bank Russia, UniCredit Bank Czech Republic and Slovakia Slovakia Branch, UniCredit Bank Romania, UniCredit Bank AG New York Branch nor any of their respective directors, officers or employees nor any other person accepts any liability whatsoever (in negligence or otherwise) for any loss how soever arising from any use of this document or its contents or otherwise arising in connection therewith.

This analysis is being distributed by electronic and ordinary mail to investors, who are expected to make their own investment decisions without undue reliance on this publication, and may not be redistributed, reproduced or published in whole or in part for any purpose.

This report was completed on 15 January 2024.

Responsibility for the content of this publication lies with:

UniCredit Group and its subsidiaries are subject to regulation by the European Central Bank

a) UniCredit Bank AG (UniCredit Bank, Munich or Frankfurt), Arabellastraße 12, 81925 Munich, Germany, (also responsible for the distribution pursuant to §85 WpHG).

Regulatory authority: "BaFin" – Bundesanstalt für Finanzdienstleistungsaufsicht, Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany.

b) UniCredit Bank AG London Branch (UniCredit Bank, London), Moor House, 120 London Wall, London EC2Y 5ET, United Kingdom.

Regulatory authority: "BaFin" – Bundesanstalt für Finanzdienstleistungsaufsicht, Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany and subject to limited regulation by the Financial Conduct Authority, 12 Endeavour Square, London E20 1 JN, United Kingdom and Prudential Regulation Authority 20 Moorgate, London, EC2R 6 DA, United Kingdom. Further details regarding our regulatory status are available on request.

c) UniCredit Bank AG Milan Branch (UniCredit Bank, Milan), Piazza Gae Aulenti, 4 - Torre C, 20154 Milan, Italy, duly authorized by the Bank of Italy to provide investment services.

Regulatory authority: "Bank of Italy", Via Nazionale 91, 00184 Roma, Italy and Bundesanstalt für Finanzdienstleistungsaufsicht, Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany.



d) UniCredit Bank AG Vienna Branch (UniCredit Bank, Vienna), Rothschildplatz 1, 1020 Vienna, Austria

Regulatory authority: Finanz marktauf sichtsbehörde (FMA), Otto-Wagner-Platz 5, 1090 Vienna, Austria and subject to limited regulation by the "Ba Fin" – Bundesanstalt für Finanzdienstleistungsauf sicht, Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany. Details about the extent of our regulation by the Bundesanstalt für Finanzdienstleistungsauf sicht are available from us on re-quest.

e) UniCredit Bank Austria AG (Bank Austria), Rothschildplatz 1, 1020 Vienna, Austria

Regulatory authority: Finanzmarktaufsichtsbehörde (FMA), Otto-Wagner-Platz 5, 1090 Vienna, Austria

f) UniCredit Bulbank, Sveta Nedelya Sq. 7, BG-1000 Sofia, Bulgaria

Regulatory authority: Financial Supervision Commission (FSC), 16 Budapeshta str., 1000 Sofia, Bulgaria

g) Zagrebačka banka d.d., Trg bana Josipa Jelačića 10, HR-10000 Zagreb, Croatia

Regulatory authority: Croatian Agency for Supervision of Financial Services, Franje Račkoga 6, 10000 Zagreb, Croatia

h) UniCredit Bank Czech Republic and Slovakia, Želetavská 1525/1, 140 92 Praga 4, Czech Republic

Regulatory authority: CNB Czech National Bank, Na Příkopě 28, 115 03 Praha 1, Czech Republic

i) ZAO UniCredit Bank Russia (UniCredit Russia), Prechistenskaya nab. 9, RF-119034 Moscow, Russia

Regulatory authority: Federal Service on Financial Markets, 9 Leninsky prospekt, Moscow 119991, Russia

j) UniCredit Bank Czech Republic and Slovakia, Slovakia Branch, Šancova 1/A, SK-813 33 Bratislava, Slovakia Regulatory authority: CNB Czech National Bank, Na Příkopě 28, 115 03 Praha 1, Czech Republic and subject to

limited regulation by the National Bank of Slovakia, Imricha Karvaša 1, 813 25 Bratislava, Slovakia. Regulatory authority: National Bank of Slovakia, Imricha Karvaša 1, 813 25 Bratislava, Slovakia

k) UniCredit Bank Romania (UniCredit Bank S.A.), Bucharest 1F Expozitiei Boulevard, 012101 Bucharest 1, Romania

Regulatory authority: National Bank of Romania, 25 Lipscani street, 030031, 3rd District, Bucharest, Romania I) UniCredit Bank AG New York Branch (UniCredit Bank, New York), 150 East 42nd Street, New York, NY 10017 Regulatory authority: "BaFin" – Bundesanstalt für Finanzdienstleistungsaufsicht, Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany and New York State Department of Financial Services, One State Street, New York, NY 10004-

Further details regarding our regulatory status are available on request.

ANALYST DECLARATION

The author's remuneration has not been, and will not be, geared to the view's expressed in this study, neither directly nor indirectly.

All of the views expressed accurately reflect the analyst's views, which have not been influenced by considerations of UniCredit Bank's business or client relationships.

POTENTIAL CONFLICTS OF INTEREST

You will find a list of keys for company specific regulatory disclosures on our website https://www.unicreditresearch.eu/index.php?id=disclaimer. In Romania, UniCredit Bank S.A. acts as primary dealer and market maker specialist for certain government bonds and T-bills issued by the Ministry of Finance. In its role as a primary dealer, UniCredit Bank S.A. can participate in auctions on the primary market organised by the Ministry of Finance, contributes to the management of public debt ran by the Ministry of Finance and can also issue research and analysis reports, including regarding the macroeconomic conditions. As a market maker for various bonds and bills issued by the Ministry of Finance, UniCredit Bank S.A. contributes to the efficiency of the secondary market through its market making activity and through fulfilling its obligation of firm pricing.

ORGANIZATIONAL AND ADMINISTRATIVE ARRANGEMENTS TO AVOID AND PREVENT CONFLICTS OF INTEREST

To prevent or remedy conflicts of interest, UniCredit Bank AG, UniCredit Bank AG London Branch, UniCredit Bank AG Milan Branch, UniCredit Bank AG Vienna Branch, UniCredit Bank Austria AG, UniCredit Bulbank, Zagrebačka banka d.d., UniCredit Bank Czech Republic and Slovakia, ZAO UniCredit Bank Russia, UniCredit Bank Czech Republic and Slovakia Branch, UniCredit Bank Romania, UniCredit Bank AG New York Branch have established the organizational arrangements required from a legal and supervisory aspect, adherence to which is monitored by its Compliance Department. Conflicts of interest arising are managed through establishment of information barriers designed to restrict the flow of information between one area/department of UniCredit Bank AG,



Bank Czech Republic and Slovakia, ZAO UniCredit Bank Russia, UniCredit Bank Czech Republic and Slovakia Slovakia Branch, UniCredit Bank Romania, UniCredit Bank AG London Branch, UniCredit Bank AG Milan Branch, UniCredit Bank AG Vienna Branch, UniCredit Bank Austria AG, UniCredit Bulbank, Zagrebačka banka d.d., UniCredit UniCredit Bank AG New York Branch, and another. In particular, the Macroeconomic Research Unit has its own informational barrier to prevent the disclosure or inappropriate circulation of confidential or privileged information. The research re-ports include public information pertaining to conflicts of interest and other material interests. Analysts are supervised and managed on a day-to-day basis by line managers who do not have responsibilities or activities related to investment and finance activities or other activities related to the sale of securities to clients.

ADDITIONAL REQUIRED DISCLOSURES UNDER THE LAWS AND REGULATIONS OF JURISDICTIONS INDICATED

You will find a list of further additional required disclosures under the laws and regulations of the jurisdictions indicated on our website https://www.unicreditresearch.eu/index.php?id=disclaimer .



UniCredit Research*

CEE Macro & Strategy Research



Marco Valli Global Head of Research, Chief European Economist +39 02 8862-0537 marco.valli@unicredit.eu



Dr. Ingo Heimig Head of Research Operations & Regulatory Controls +49 89 378-13952 ingo.heimig@unicredit.de

Head of Macro Research



Global Head of Research. Chief European Economist +39 02 8862-0537 marco.valli@unicredit.eu

Heads of Strategy Research

Gökçe Çelik

Senior CEE Economist

gokce.celik@unicredit.eu

+44 207 826-1032



Dr. Luca Cazzulani Head of Strategy Research FI Strategist +39 02 8862-0640 luca.cazzulani@unicredit.eu



Elia Lattuga Cross Asset Strategist Deputy Head of Strategy Research +39 02 8862-0851 elia.lattuga@unicredit.eu

EEMEA Economics Research



Dan Bucşa Chief CEE Economist +44 207 826-1954 dan.bucsa@unicredit.eu



Artem Arkhipov Head, Macroeconomic Analysis and Research, Russia +7 495 258-7258 artem.arkhipov@unicredit.ru



Hrvoie Dolenec Chief Economist, Croatia -385 1 6006-678



Mauro Giorgio Marrano Senior CEE Economist +43 50505-82712 mauro.giorgiomarrano@unicredit.eu





hrvoje.dolenec@unicreditgroup.zaba.hr



Pavel Sobíšek Chief Economist, Czech Republic +420 955 960-716 pavel.sobisek@unicreditgroup.cz





Anca Maria Negrescu Senior Economist, Romania +40 21 200-1377 anca.negrescu@unicredit.ro



Kristofor Payloy Chief Economist, Bulgaria +359 2 923-2192 kristofor.pavlov@unicreditgroup.bg

Cross Asset Strategy Research

Zsolt Becsey, Jr. Chief Economist, Hungary +3630 819 0489



Elia Lattuga Cross Asset Strategist Deputy Head of Strategy Research +39 02 8862-0851 elia.lattuga@unicredit.eu

zsolt.becsey@unicreditgroup.hu

FX Strategy Research



Eszter Gárgyán, CFA FX Strategist - CEE eszter.gargyan@unicredit.de

UniCredit Research, UniCredit Bank GmbH, Arabellastraße 12, D-81925 Munich, globalresearch@unicredit.de Bloomberg: UCGR, Internet: www.unicreditresearch.eu