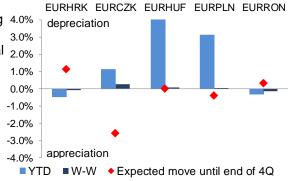


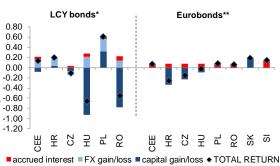
CEE Market Insights

Market outlook

Most currencies managed to appreciate somewhat in CEE last week: the Serbian dinar was the best performer among 4.0% them, which happened without any intervention from the NBS in the last few days. We still see appreciation potential 2.0% in the Czech koruna, as the current EURCZK rate (around 25.8) is considerably above that of the CNB's forecast for this quarter (25.3) and our year-end forecast (25.2). In Romania, the upside surprise in inflation last week could mean that the NBR might restart its efforts to keep the exchange rate from depreciating (which would worsen the inflationary picture) rather than hiking at its next meeting in November.



The most spectacular movement in government bonds took place in Hungary last week. This move was not seen elsewhere in the region, and therefore it would be hard to conclude that the decline in HGBs was solely due to deteriorating international sentiment. Still, the current 10Y yield level, approaching 4%, is too high, in our view. In the Czech Republic, short-term rates are going up steadily, suggesting a non-negligible risk of another rate hike already 0.80 (0.80 (0.80 (0.4



Looking ahead this week:

Monday	Tuesday	Wednesday	Thursday	Friday
PL SK: CPI CZ, PL: Current Account	HU: Target rate HR: CPI PL: Wages, Core	PL: Ind. production, PPI		HU: Wages PL: Retail sales SI: PPI

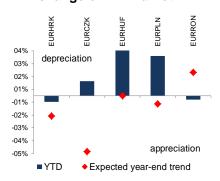
The Tuesday MPC meeting of the Hungarian central bank will be the most interesting event to watch this week in CEE. After the 20bp increase of 10Y yields in Hungary experienced last week, partially driven by the risk-off mode on global markets as well as further acceleration of the inflation rate (to 3.6% in September vs. 3.4% in August), one might wonder for how long this ultra-dovish monetary policy is sustainable. It seems that the central bank intends to keep interest rates at a low level as long as possible and preferably not start with tightening before the ECB makes its first move, arguing that core inflation is still below the target (the target is set at 3% - much higher than in peer countries) and that headline inflation is moving (or will move) within the upper band of the inflation target (3-4%). In the Czech Republic, the situation is completely different. Given that the Czech koruna has departed further from the CNB forecast, we can expect a hike very soon. The Deputy Governor Mojmir Hampl said that a hike is quite possible in November, which is the next meeting.

In case you missed it last week...

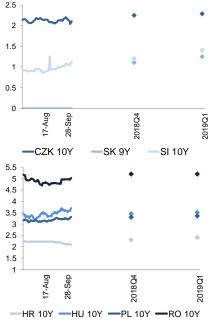
- CEE: We issued new CEE Bond Market Report
- HU: Global risk-off mode and higher inflation in Hungary sent 10Y Hungarian yields close to 4%
- RS: Serbian central bank left key rate unchanged at 3%
- RO: We revised our year-end inflation forecast to 3.8%, from 3.5%
- PL: S&P upgraded Poland from BBB+ to A- with stable outlook, given robust economic growth

CEE Market Insights | Fixed Income | Central and Eastern Europe 15 October 2018

YTD change on FX market



10Y government bond yields, percent



Source: Erste Group Research, Bloomberg.

FX and bond market stable in CEE

On global markets:

This week is bound to be eventful, which could be mirrored by the EURUSD. High volatility on equity markets might very well continue. The release of US retail sales will likely be the most important macro indicator released, giving markets an indication of the economy's strength. Probably the most important event, though, will be the EU summit, which should deliver news on the progress and future of Brexit negotiations.

CEE currencies:

Regional currencies did not show a marked change last week w/w vs. the euro. Most currencies managed to appreciate somewhat: the Serbian dinar was the best performer among them, returning to levels of around 118.2 vs. the euro, after some weakening the previous week; this happened without any intervention from the NBS in the last few days. The Polish zloty and the Romanian leu also gained slightly, while the Czech koruna and the Hungarian forint were only slightly changed. We still perceive appreciation potential in the Czech koruna, as the current EURCZK rate (around 25.8) is considerably above that of the CNB's forecast for this quarter (25.3) and our year-end forecast (25.2). As the chance of continued monetary tightening is high in the Czech Republic, we see the koruna firming in the upcoming months. In Romania, the upside surprise in inflation last week could mean that the NBR might restart to keep the exchange rate from depreciating (which would worsen the inflationary picture) rather than hiking at its next meeting in November.

CEE rates and yields:

The most spectacular movement in government bonds took place in Hungary last week, where the 10Y yield went up by more than 20bp. This move was not seen elsewhere in the region, and therefore it would be hard to conclude that the decline in HGBs was solely due to deteriorating international sentiment (courtesy of the large shock on global stock markets). Current yield levels, approaching 4%, are still deemed as too high by us. Some market members also likely think that, judging by the results of the auction for 3Y, 5Y and 10Y papers last week, where the ÁKK increased the offered amounts considerably after seeing very high demand. For the time being, we see the 10Y yield falling back to levels of around 3.4-3.6% in the upcoming 1-2 months, as spreads vs. comparable peers (i.e. POLGBs) went to rather high levels, not fully justified by economic fundamentals, in our view. However, recent developments could be a warning for the MNB that remaining overly dovish might backfire by increasing long-term yields and going against the intentions of the central bank to push debtors towards longer-term, fixed rate credits. In the Czech Republic, short-term rates (i.e. FRAs) are going steadily up, suggesting a non-negligible risk of another rate hike already in November at the next monetary meeting of the CNB. Rate-setter Hampl already commented last week that he would see such a step as quite possible (but remember that he is considered a rather hawkish member of the bank board). In Romania, higher than expected inflation may not immediately translate into expectations of a rate hike in November, as the NBR might prefer to directly influence the currency than hike the policy rate. Governor Isarescu has repeatedly said that the NBR does not want to see the base rate detaching too much from regional peers. Therefore, while we see a small risk of a hike in November, this is not our baseline scenario.

CEE Market Insights | Fixed Income | Central and Eastern Europe 15 October 2018

Calendar

Ouic	nua						
Time	Country	Indicator	Period	Survey	Erste Est.	Prev.	Pre Comment
15-Oct							
	RO	Current Account (monthly)	Aug			-4811	
9:00	SK	CPI (y/y)	Sep		2.8%	2.8%	Inflation expected to have remained largely unchanged in September.
9:00	SK	CPI (m/m)	Sep		0.1%	0.2%	Small monthly rise in consumer prices anticipated for September.
10:00	PL	CPI (y/y)	Sep F			1.8%	Final CPI to be confirmed at 1.8% y/y in September - base effect to weigh on inflation until year-end.
10:00	cz	Current Account (monthly)	Aug	-10.00bn		-0.1	
14:00	PL	Trade Balance	Aug	-342		-432	
16-Oct							
9:00	CZ	PPI (y/y)	Sep		3.5%	3.3%	Development in oil prices and increased labor costs of firms stand behind relatively high PPI inflation.
10:00	PL	Wages (y/y)	Sep	7.1%	6.5%	6.8%	
11:00	HR	CPI (y/y)	Sep		2.0%	2.1%	Inflation keeping stable movements also in September
11:00	HR	CPI (m/m)	Sep			0.0%	
14:00	HU	Target Rate	Oct 16	0.9%	0.9%	0.9%	Recent price increases could mainly be explained by higher fuel and unprocessed food prices. Low level of core inflation rate suggests MNB could maintain dovish stance this quarter.
17-Oct							
10:00	PL	Industrial Production (y/y)	Sep	4.2%	3.3%	5.0%	We expect industry to slow in September - calendar effects in play and sentiment also worsening.
10:00	PL	PPI (y/y)	Sep	2.8%	2.9%	3.0%	
19-Oct							
	RS	Current Account (monthly)	Aug			-161.1	
	SK	Unemployment Rate	Sep		5.4%	5.4%	Only marginal decrease in rate of unemployment expected, given anticipated inflow of new graduates
10:00	PL	Retail Sales (y/y)	Sep	8.2%	8.5%	9.0%	We expect retail sales to be slightly lower in September, although overall level of HH spending remains high.
10:30	SI	PPI (y/y)	Sep			2.5%	

Sources: Bloomberg, Reuters

CEE Market Insights | Fixed Income | Central and Eastern Europe 15 October 2018

Capital market forecasts

Government bon	d yields				
	current	2018Q4	2019Q1	2019Q2	2019Q3
Croatia 10Y	2.09	2.30	2.40	2.40	2.50
spread (bps)	157	166	159	147	147
Czech Rep. 10Y	2.11	2.24	2.28	2.34	2.41
spread (bps)	159	160	147	141	138
Hungary 10Y	3.91	3.44	3.50	3.69	3.84
spread (bps)	338	280	269	276	281
Poland 10Y	3.25	3.30	3.35	3.40	3.50
spread (bps)	273	266	254	247	247
Romania10Y	5.09	5.20	5.20	5.40	5.40
spread (bps)	457	456	439	447	437
Slovakia 10Y	1.04	1.10	1.25	1.35	1.45
spread (bps)	51	46	44	42	42
Slovenia 10Y	1.14	1.20	1.40	1.50	1.50
spread (bps)	62	56	59	57	47
Serbia 5Y	3.50	3.90	3.95	3.95	4.00
DE10Y (BBG)*	0.53	0.64	0.81	0.93	1.03

	current	2018Q4	2019Q1	2019Q2	2019Q3
EURHRK	7.41	7.50	7.45	7.30	7.45
forwards		7.41	7.41	7.41	7.41
EURCZK	25.83	25.15	24.85	24.70	24.60
forwards		25.85	25.85	25.85	25.85
EURHUF	325.2	325.0	325.0	325.0	325.0
forwards		328.4	328.4	328.4	328.4
EURPLN	4.30	4.29	4.30	4.28	4.26
forwards		4.30	4.30	4.30	4.30
EURRON	4.66	4.68	4.74	4.75	4.75
forwards		4.66	4.66	4.66	4.66
EURRSD	118.3	118.5	118.5	118.5	118.5
forwards		-	-	-	-
EURUSD	1.16	1.13	1.15	1.16	1.18

3M Money Market Rate											
	current	2018Q4	2019Q1	2019Q2	2019Q3						
Croatia	0.50	0.50	0.50	0.60	0.70						
Czech Republic	1.75	1.71	1.85	1.93	2.09						
Hungary	0.17	0.35	0.45	0.55	0.75						
Poland	1.72	1.73	1.73	1.73	1.73						
Romania	3.17	2.80	3.10	3.30	3.30						
Serbia	2.93	2.90	2.90	3.00	3.20						
Eurozone	-0.32	-0.30	-0.30	-0.30	-0.10						

Key Interest Rate					
	current	2018Q4	2019Q1	2019Q2	2019Q3
Croatia	0.30	0.30	0.30	0.30	0.30
Czech Republic	1.50	1.75	1.75	1.75	2.00
Hungary	0.90	0.90	0.90	0.90	0.90
Poland	1.50	1.50	1.50	1.50	1.50
Romania	2.50	2.50	2.75	3.00	3.00
Serbia	3.00	3.00	3.00	3.25	3.50
Eurozone	0.00	0.00	0.00	0.00	0.00

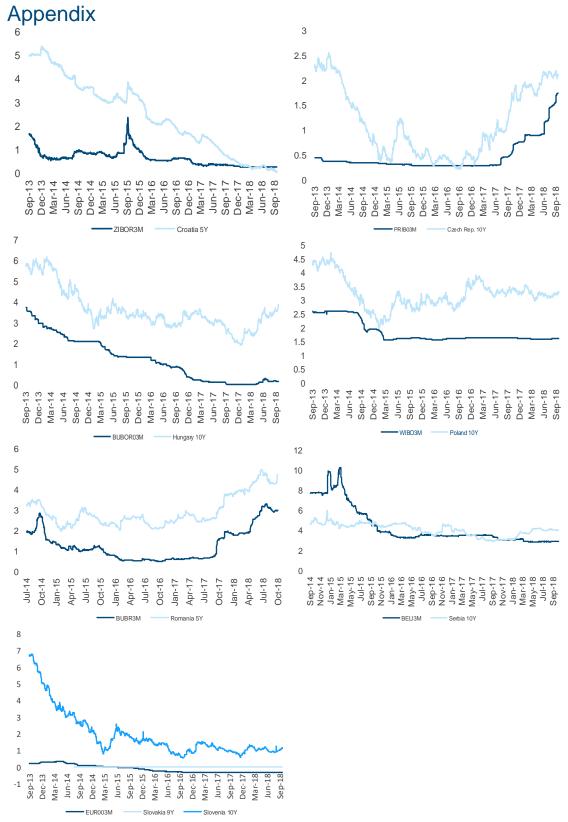
Macro forecasts

										_				
Real GDP growth (%)	2017	2018f	2019f	2020f	Average inflation (%)	2017	2018f	2019f	2020f	Unemployment (%)	2017	2018f	2019f	2020f
Croatia	2.9	2.8	2.7	2.6	Croatia	1.1	1.7	1.8	2.0	Croatia	11.3	9.6	8.7	8.1
Czech Republic	4.6	3.5	3.0	2.9	Czech Republic	2.5	2.3	2.0	1.9	Czech Republic	2.9	2.3	2.5	3.0
Hungary	4.1	4.3	3.3	2.5	Hungary	2.4	2.9	3.3	3.3	Hungary	4.2	3.7	3.9	3.9
Poland	4.6	4.9	3.8	3.4	Poland	2.0	1.7	2.0	2.4	Poland	7.2	6.4	6.2	6.0
Romania	6.9	3.8	3.4	3.9	Romania	1.3	4.6	3.3	2.9	Romania	4.9	4.6	4.8	5.0
Serbia	1.9	4.0	3.6	3.3	Serbia	3.0	2.2	2.7	3.2	Serbia	13.2	12.7	11.7	10.2
Slovakia	3.4	3.9	4.2	3.6	Slovakia	1.3	2.6	2.5	2.5	Slovakia	8.1	6.8	6.3	5.8
Slovenia	4.9	4.2	3.8	3.3	Slovenia	1.4	1.7	1.9	2.2	Slovenia	6.6	5.5	4.9	4.7
CEE8 average	4.7	4.2	3.5	3.3	CEE8 average	1.9	2.5	2.4	2.5	CEE8 average	6.2	5.5	5.4	5.3
Public debt (% of GDP)	2017	2018f	2019f	2020f	C/A (%GDP)	2017	2018f	2019f	2020f	Budget Balance (%GDP)	2017	2018f	2019f	2020f
Croatia	77.5		71.0	68.2		3.9	2.7	1.9	1.0	Croatia	0.8	0.0	-0.5	-0.5
										I				

I dollo dobt (// of obl)	2011	20101	20101	LULUI	O/A (/IODI)	2011	20101	20101	LULUI	Dauget Dalatioe (700D1)	E0 11	20101	20101	LULUI
Croatia	77.5	73.9	71.0	68.2	Croatia	3.9	2.7	1.9	1.0	Croatia	0.8	0.0	-0.5	-0.5
Czech Republic	33.9	31.9	30.4	30.0	Czech Republic	1.3	0.6	0.5	0.5	Czech Republic	0.6	0.2	0.2	0.1
Hungary	73.6	72.5	70.9	69.0	Hungary	3.1	1.9	1.4	1.2	Hungary	-2.0	-2.3	-2.3	-2.5
Poland	50.6	50.4	50.5	49.7	Poland	0.2	-0.1	-0.4	-0.7	Poland	-1.7	-1.5	-1.9	-2.1
Romania	35.0	35.2	35.8	35.8	Romania	-3.3	-3.8	-4.1	-4.0	Romania	-2.9	-3.4	-2.9	-2.5
Serbia	61.3	54.8	51.5	48.8	Serbia	-5.6	-5.2	-4.8	-4.4	Serbia	1.2	0.5	0.0	-0.5
Slovakia	50.9	49.1	47.7	46.3	Slovakia	-2.1	-1.2	-0.5	0.4	Slovakia	-1.0	-0.8	-0.7	-0.4
Slovenia	72.4	69.2	66.6	63.3	Slovenia	7.2	7.9	7.6	6.9	Slovenia	0.0	0.0	0.0	0.0
CEE8 average	50.2	49.0	48.2	47.0	CEE8 average	0.2	-0.2	-0.4	-0.5	CEE8 average	-1.2	-1.4	-1.5	-1.5

Note:*Information on past performance is not a reliable indicator for future performance. Forecasts are not a reliable indicator for future performance.

CEE Market Insights | Fixed Income | Central and Eastern Europe 15 October 2018



Note:*Information on past performance is not a reliable indicator for future performance. Forecasts are not a reliable indicator for future performance.

CEE Market Insights | Fixed Income | Central and Eastern Europe 15 October 2018

Contacts

Group Research

Group Research		Total Deal William	
Head of Group Research		Treasury - Erste Bank Vienna	
Friedrich Mostböck, CEFA	+43 (0)5 0100 11902	Group Markets Retail Sales	
	- (-)	Head: Christian Reiss	+43 (0)5 0100 84012
Major Markets & Credit Research	10 (0) = 0100 11000		(0,000000
Head: Gudrun Egger, CEFA	+43 (0)5 0100 11909	Markets Retail Sales AT	10 (0) 5 0100 01000
Ralf Burchert, CEFA (Agency Analyst)	+43 (0)5 0100 16314	Head: Markus Kaller	+43 (0)5 0100 84239
Hans Engel (Senior Analyst Global Equities)	+43 (0)5 0100 19835	Group Markets Execution	
Christian Enger, CFA (Covered Bonds)	+43 (0)5 0100 84052	Head: Kurt Gerhold	+43 (0)5 0100 84232
Margarita Grushanina (Economist AT, Quant Analyst)	+43 (0)5 0100 11957		1 10 (0)0 0 100 0 1202
Peter Kaufmann, CFA (Corporate Bonds)	+43 (0)5 0100 11183	Retail & Sparkassen Sales	
Stephan Lingnau (Global Equities)	+43 (0)5 0100 16574	Head: Uwe Kolar	+43 (0)5 0100 83214
Carmen Riefler-Kowarsch (Covered Bonds)	+43 (0)5 0100 19632	Corporate Treasury Product Distribution AT	
Rainer Singer (Senior Economist Euro, US)	+43 (0)5 0100 17331	Head: Christian Skopek	+43 (0)5 0100 84146
Bernadett Povazsai-Römhild (Corporate Bonds)	+43 (0)5 0100 17203	rieau. Orinstian Skopek	+43 (0)3 0100 04140
Elena Statelov, CIIA (Corporate Bonds)	+43 (0)5 0100 19641	Fixed Income Institutional Sales	
Gerald Walek, CFA (Economist Euro, CHF)	+43 (0)5 0100 16360	On the Market Late	
	() () () () ()	Group Securities Markets	10 (0) = 0100 01000
Macro/Fixed Income Research CEE		Head: Harald Müller	+43 (0)5 0100 84890
Head CEE: Juraj Kotian (Macro/FI)	+43 (0)5 0100 17357	Institutional Distribution non CEE	
Zoltan Arokszallasi, CFA (Fixed income)	+43 (0)5 0100 18781	Head: Jaromir Malak	+43 (0)5 0100 84254
Katarzyna Rzentarzewska (Fixed income)	+43 (0)5 0100 17356	Bernd Bollhof	+49 (0)30 8105800 5525
CEE Equity Research		Charles-Henry La Coste de Fontenilles	+43 (0)5 0100 84115
Head: Henning Eßkuchen	+43 (0)5 0100 19634	Rene Klasen	+49 (0)30 8105800 5521
Daniel Lion, CIIA (Technology, Ind. Goods&Services)	+43 (0)5 0100 17420	Christopher Lampe-Traupe	+49 (0)30 8105800-5507
Michael Marschallinger	+43 (0)5 0100 17906	Thomas Rakosi	
Christoph Schultes, MBA, CIIA (Real Estate)			+43 (0)5 0100 84116
	+43 (0)5 0100 11523	Karin Rattay	+43 (0)5 0100 84118
Vera Sutedja, CFA, MBA (Telecom, Steel)	+43 (0)5 0100 11905	Bernd Thaler	+43 (0)5 0100 84119
Thomas Unger, CFA (Banks, Insurance)	+43 (0)5 0100 17344	Bank Distribution	
Vladimira Urbankova, MBA (Pharma)	+43 (0)5 0100 17343	Head: Marc Friebertshäuser	+49 (0)711 810400 5540
Martina Valenta, MBA	+43 (0)5 0100 11913	Sven Kienzle	+49 (0)711 810400 5541
Editor Research CEE		Michael Schmotz	+43 (0)5 0100 85542
Brett Aarons	+420 956 711 014	Ulrich Inhofner	+43 (0)5 0100 85544
Research Croatia/Serbia		Klaus Vosseler	+49 (0)711 810400 5560
Head: Mladen Dodig (Equity)	+381 11 22 09178	Andreas Goll	+49 (0)711 810400 5561
Head: Alen Kovac (Fixed income)	+385 72 37 1383	Mathias Gindele	+49 (0)711 810400 5562
Anto Augustinovic (Equity)	+385 72 37 2833		143 (0)/11 010400 3302
Milan Deskar-Skrbic (Fixed income)	+385 72 37 1349	Institutional Distribution CEE	
Magdalena Dolenec (Equity)	+385 72 37 1407	Head: Jaromir Malak	+43 (0)5 0100 84254
	+385 72 37 2419	Institutional Distribution PL and CIS	
Ivana Rogic (Fixed income)		Pawel Kielek	+48 22 538 6223
Davor Spoljar, CFA (Equity)	+385 72 37 2825	Michal Jarmakowicz	+43 50100 85611
Research Czech Republic			+43 30 100 830 11
Head: David Navratil (Fixed income)	+420 956 765 439	Institutional Distribution Slovakia	
Head: Petr Bartek (Equity)	+420 956 765 227	Head: Sarlota Sipulova	+421 2 4862 5619
Vit Machacek (Fixed income)	+420 956 765 456	Monika Smelikova	+421 2 4862 5629
Jiri Polansky (Fixed income)	+420 956 765 192	Institutional Distribution Czech Republic	
Michal Skorepa (Fixed income)	+420 956 765 172	Head: Ondrej Cech	+420 2 2499 5577
Pavel Smolik (Equity)	+420 956 765 434	Milan Bartos	
Jan Sumbera (Equity)	+420 956 765 218	Barbara Suvadova	+420 2 2499 5562
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	20 000 100 2.0	Barbara Suvadova	+420 2 2499 5590
Research Hungary		Institutional Asset Management Czech Republic	
Head: József Miró (Equity)	+361 235 5131	Head: Petr Holecek	+420 956 765 453
András Nagy (Equity)	+361 235 5132	Martin Perina	+420 956 765 106
Orsolya Nyeste (Fixed income)	+361 268 4428	Petr Valenta	+420 956 765 140
Zsombor Varga (Fixed income)	+361 373 2830	David Petracek	+420 956 765 809
Tamás Pletser, CFA (Oil&Gas)	+361 235 5135	Blanca Weinerova	+420 956 765 317
Research Poland			
Research Poland	148 22 220 6252	Institutional Distribution Croatia	
Director of Research: Tomasz Duda (Equity)	+48 22 330 6253	Institutional Distribution Croatia Head: Antun Buric	+385 (0)7237 2439
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity)	+48 22 538 6256	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić	+385 (0)7237 2439 +385 (0)7237 1494
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity)	+48 22 538 6256 +48 22 330 6254	Institutional Distribution Croatia Head: Antun Buric	+385 (0)7237 2439
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic	+385 (0)7237 2439 +385 (0)7237 1494
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity)	+48 22 538 6256 +48 22 330 6254	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina llasco (Fixed Income)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina Ilasco (Fixed Income) Research Slovakia	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina Ilasco (Fixed Income) Research Slovakia Head: Maria Valachyova, (Fixed income)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita Group Institutional Equity Sales	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612 +40 373 516 531
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina Ilasco (Fixed Income) Research Slovakia Head: Maria Valachyova, (Fixed income)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita Group Institutional Equity Sales Head: Brigitte Zeitlberger-Schmid	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612 +40 373 516 531 +43 (0)50100 83123
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina Ilasco (Fixed Income) Research Slovakia Head: Maria Valachyova, (Fixed income) Katarina Muchova (Fixed income)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita Group Institutional Equity Sales Head: Brigitte Zeitlberger-Schmid Werner Fürst	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612 +40 373 516 531 +43 (0)50100 83123 +43 (0)50100 83121
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina llasco (Fixed income) Research Slovakia Head: Maria Valachyova, (Fixed income) Katarina Muchova (Fixed income) Research Turkey	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436 +421 2 4862 4185 +421 2 4862 4762	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita Group Institutional Equity Sales Head: Brigitte Zeitlberger-Schmid Werner Fürst Josef Kerekes	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612 +40 373 516 531 +43 (0)50100 83123 +43 (0)50100 83121 +43 (0)50100 83121 +43 (0)50100 83125
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina llasco (Fixed Income) Research Slovakia Head: Maria Valachyova, (Fixed income) Katarina Muchova (Fixed income) Research Turkey Ender Kaynar (Equity)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436 +421 2 4862 4185 +421 2 4862 4762 +90 212 371 2530	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita Group Institutional Equity Sales Head: Brigitte Zeitlberger-Schmid Werner Fürst Josef Kerekes Cormac Lyden	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612 +40 373 516 531 +43 (0)50100 83123 +43 (0)50100 83121
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina llasco (Fixed Income) Research Slovakia Head: Maria Valachyova, (Fixed income) Katarina Muchova (Fixed income) Research Turkey Ender Kaynar (Equity)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436 +421 2 4862 4185 +421 2 4862 4762	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita Group Institutional Equity Sales Head: Brigitte Zeitlberger-Schmid Werner Fürst Josef Kerekes	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612 +40 373 516 531 +43 (0)50100 83123 +43 (0)50100 83121 +43 (0)50100 83121 +43 (0)50100 83125
Director of Research: Tomasz Duda (Equity) Cezary Bernatek (Equity) Konrad Grygo (Equity) Mateusz Krupa (Equity) Emil Poplawski (Equity) Research Romania Head: Horia Braun-Erdei Caius Raoanu (Equity) Eugen Sinca (Fixed income) Dorina llasco (Fixed Income) Research Slovakia Head: Maria Valachyova, (Fixed income) Katarina Muchova (Fixed income) Research Turkey Ender Kaynar (Equity)	+48 22 538 6256 +48 22 330 6254 +48 22 330 6251 +48 22 330 6252 +40 3735 10424 +40 3735 10441 +40 3735 10435 +40 3735 10436 +421 2 4862 4185 +421 2 4862 4762 +90 212 371 2530	Institutional Distribution Croatia Head: Antun Buric Željko Pavičić Natalija Zujic Institutional Distribution Hungary Head: Peter Csizmadia Attila Hollo Gabor Balint Institutional Distribution Romania and Bulgaria Head: Ciprian Mitu Crisitan Adascalita Group Institutional Equity Sales Head: Brigitte Zeitlberger-Schmid Werner Fürst Josef Kerekes Cormac Lyden	+385 (0)7237 2439 +385 (0)7237 1494 +385 (0)7237 1638 +36 1 237 8211 +36 1 237 8209 +36 1 237 8205 +43 (0)50100 85612 +40 373 516 531 +43 (0)50100 83123 +43 (0)50100 83121 +43 (0)50100 83121 +43 (0)50100 83125

CEE Market Insights | Fixed Income | Central and Eastern Europe 15 October 2018

Disclaimer

This publication was prepared by Erste Group Bank AG or any of its consolidated subsidiaries (together with consolidated subsidiaries "Erste Group") independently and objectively as other information pursuant to the Circular of the Austrian Financial Market Authority regarding information including marketing communication pursuant to the Austrian Securities Supervision Act. This publication serves interested investors as additional source of information and provides general information, information about product features or macroeconomic information without emphasizing product selling marketing statements. This publication does not constitute marketing communication pursuant to Art. 36 (2) Austrian Securities Supervision Act as no direct buying incentives were included in this publication, which is of information character. This publication does not constitute investment research pursuant to § 36 (1) Austrian Securities Supervision Act. It has not been prepared in accordance with legal requirements designed to promote the independence of investment research and it is not subject to the prohibition on dealing ahead of the dissemination of investment research. The information only serves as non-binding and additional information and is based on the level of knowledge of the person in charge of drawing up the information on the respective date of its preparation. The content of the publication can be changed at any time without notice. This publication does not constitute or form part of, and should not be construed as, an offer, recommendation or invitation to subscribe for or purchase any securities, and neither this publication nor anything contained herein shall form the basis of or be relied on in connection with or act as an inducement to enter into any contract or inclusion of a security or financial product in a trading strategy. Information provided in this publication are based on publicly available sources which Erste Group considers as reliable, however, without verifying any such information by independent third persons. While all reasonable care has been taken to ensure that the facts stated herein are accurate and that the forecasts, opinions and expectations contained herein are fair and reasonable, Erste Group (including its representatives and employees) neither expressly nor tacitly makes any guarantee as to or assumes any liability for the up-to-dateness, completeness and correctness of the content of this publication. Erste Group may provide hyperlinks to websites of entities mentioned in this document, however the inclusion of a link does not imply that Erste Group endorses, recommends or approves any material on the linked page or accessible from it. Neither a company of Erste Group nor any of its respective managing directors, supervisory board members, executive board members, directors, officers of other employees shall be in any way liable for any costs, losses or damages (including subsequent damages, indirect damages and loss of profit) howsoever arising from the use of or reliance on this publication. Any opinion, estimate or projection expressed in this publication reflects the current judgment of the author(s) on the date of publication of this document and do not necessarily reflect the opinions of Erste Group. They are subject to change without prior notice. Erste Group has no obligation to update, modify or amend this publication or to otherwise notify a reader thereof in the event that any matter stated herein, or any opinion, projection, forecast or estimate set forth herein, changes or subsequently becomes inaccurate. The past performance of securities or financial instruments is not indicative for future results. No assurance can be given that any financial instrument or issuer described herein would yield favorable investment results or that particular price levels may be reached. Forecasts in this publication are based on assumptions which are supported by objective data. However, the used forecasts are not indicative for future performance of securities or financial instrument. Erste Group, its affiliates, principals or employees may have a long or short position or may transact in the financial instrument(s) referred to herein or may trade in such financial instruments with other customers on a principal basis. Erste Group may act as a market maker in the financial instruments or companies discussed herein and may also perform or seek to perform investment services for those companies. Erste Group may act upon or use the information or conclusion contained in this publication before it is distributed to other persons. This publication is subject to the copyright of Erste Group and may not be copied, distributed or partially or in total provided or transmitted to unauthorized recipients. By accepting this publication, a recipient hereof agrees to be bound by the foregoing limitations.

© Erste Group Bank AG 2018. All rights reserved.

Published by:

Erste Group Bank AG Group Research 1100 Vienna, Austria, Am Belvedere 1 Head Office: Wien Commercial Register No: FN 33209m Commercial Court of Vienna

Erste Group Homepage: www.erstegroup.com