Renewed supervisory challenges in light of tightened financial conditions and economic slowdown

May 9-10, 2023 | Vienna, Austria

Session 1: Challenges of the new environment: vision from banks

Presentations by:

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Credit Underwriting FI and Sovereigns

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RENEWED SUPERVISORY CHALLENGES IN LIGHT OF TIGHTENED FINANCIAL CONDITIONS AND ECONOMIC SLOWDOWN 09/05/2023

Challenges of the new environment: vision from banks

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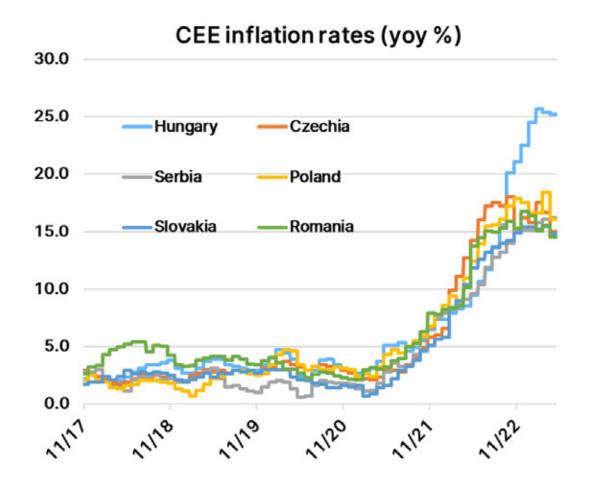
Multiple Challenges Ahead For CESEE But Manageable

| Challenge | Pre-Pandemic and Pre-War | After |
|----------------------------------|-----------------------------|------------------------------------|
| Interest rates / inflation | "Lower for longer" | "Higher for longer"? |
| Demography / Labour markets | Low unemployment rates | Increasing shortage of labour |
| Fiscal policy / Public debt | Widely prudent and low debt | Higher debt / scaling back support |
| Geopolitical + Political Risks | Overall low | Significant / Rising |
| Energy diversification/availab. | Widely seen as no issue | Of highest priority |
| Macroeconomic imbalances | Low but rising in 2020 | Expected to be contained |
| Industry / Manufacturing | Very strong development | Underperformance |
| Operational Sanction Risk | Low | Increasingly important |
| Convergence | Continuously | To continue with some pause |



Challenge 1: From "Lower For Longer" To "Higher For Longer"?

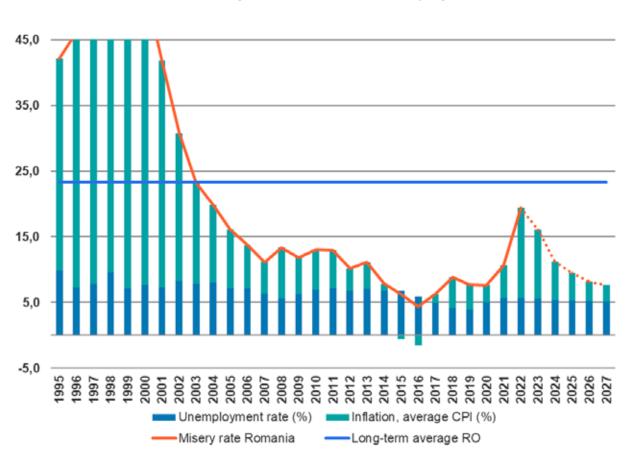
- Paradigm "lower for longer" unfolded



- Creating obvious potential issues for our customers

Romania Misery Index on multi-year highs

Romania misery index: inflation + unemployment rate



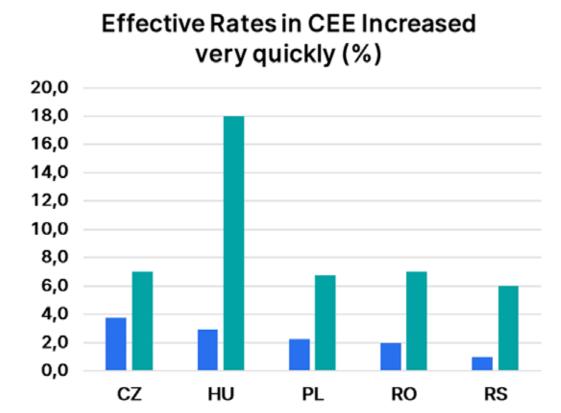




Source: IMF WEO April 2023 / Erste Group.

Challenge 1: From "Lower For Longer" To "Higher For Longer"?

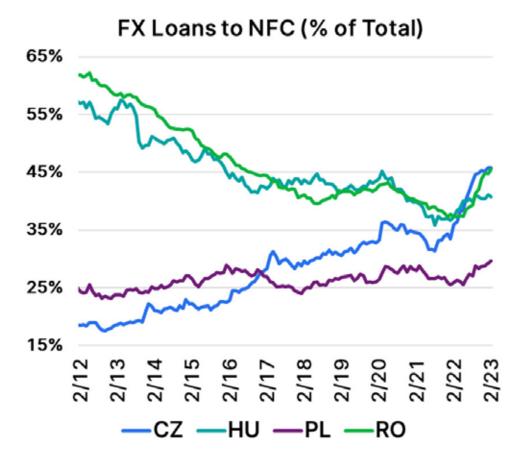
– Risk for "Higher for longer"?



■Feb.22 ■Apr.23

Source: Bloomberg / Erste Group.

- Euroization given high interest rate differentials

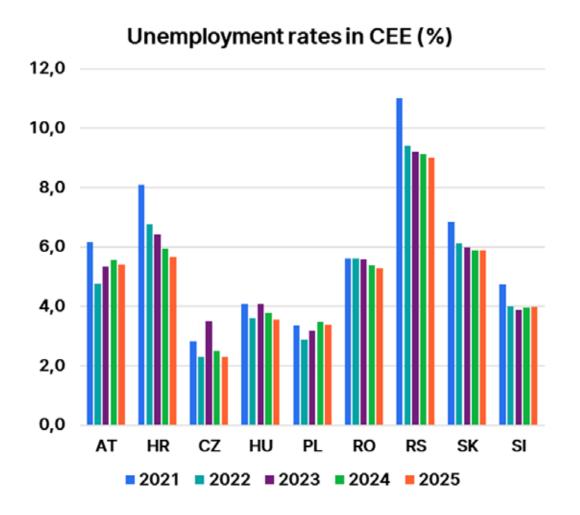


Source: ECB / Erste Group.

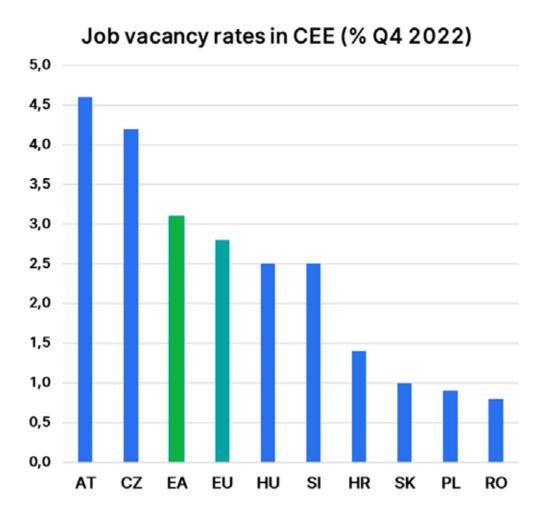


Challenge 2: Demography And Labour Markets

– Labour markets tight and to remain tight?



- Finding qualified labour remains a major challenge



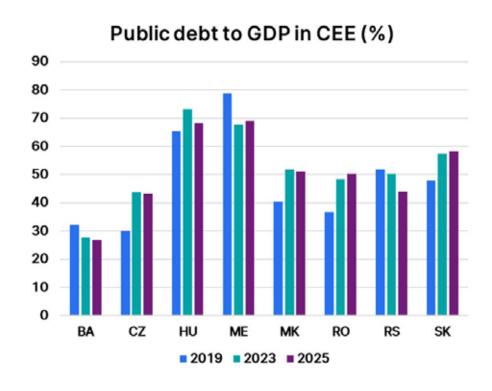
Source: IMF WEO April 2023 / Erste Group.



Source: Eurostat / Erste Group.

Challenge 3: Fiscal Policy And Sovereign Risk

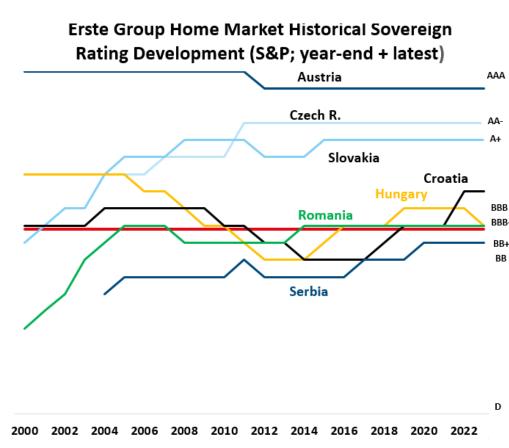
Higher public debt levels



Source: IMF WEO April 2023 / Erste Group.

- Negative sovereign rating outlooks but so far stable ratings

| Sovereign | S&P | Moody's | Fitch |
|-----------------|----------|----------|----------|
| Austria | stable | stable | negative |
| Czech Republic | stable | negative | negative |
| Slovak Republic | negative | negative | negative |
| Hungary | stable | stable | negative |
| Slovenia | stable | stable | stable |
| Croatia | stable | stable | stable |
| Serbia | stable | stable | stable |
| Montenegro | stable | stable | n.a. |
| North Macedonia | stable | n.a. | stable |
| Poland | stable | stable | stable |
| Romania | stable | stable | stable |
| | | | |



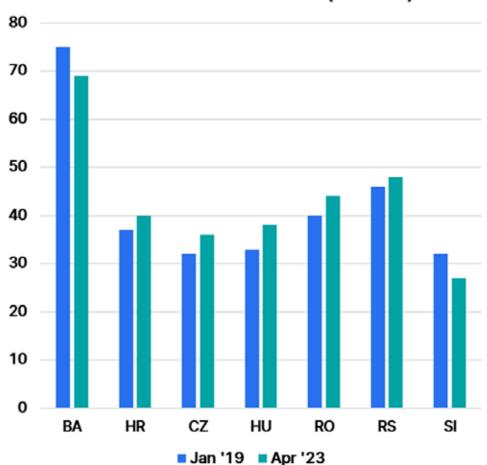
Source: Bloomberg / Erste Group.



Challenge 4: (Geo)-political Risks Back To The Region (1)

- Political risks rising in the region

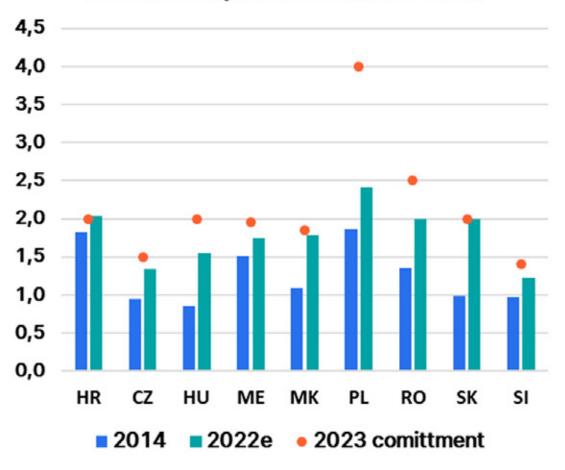
EIU Politial Risk Score (0-100)



Source: EIU / Erste Group.

- Security expenditures rising strongly

Defense expenditures (% of GDP)



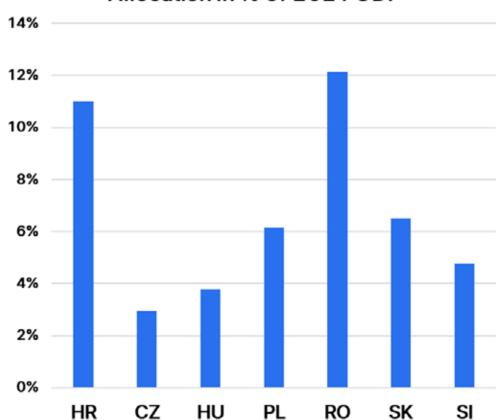
Source: NATO / Erste Group.



Challenge 4: (Geo)-political Risks Back To The Region (2)

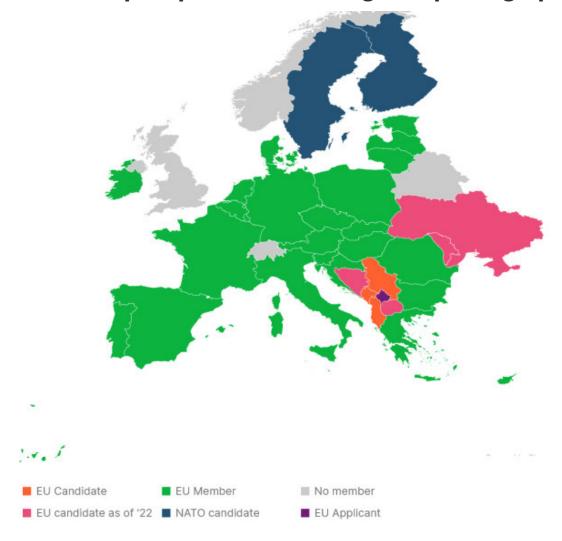
New Institutions supporting

Recovery and Resilience Facility Allocation in % of 2021 GDP



Source: European Commission / Erste Group.

- And new prospects for the region opening up



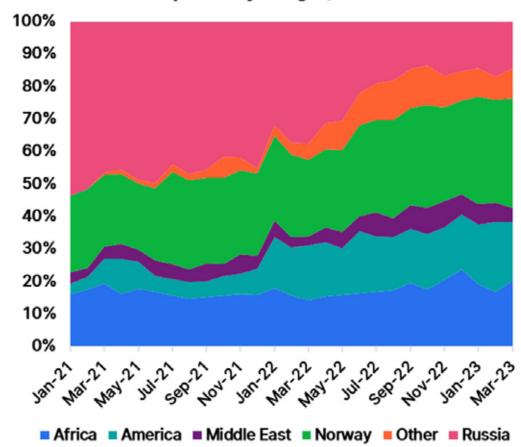
Source: Erste Group Research.



Challenge 5: Energy Diversification And Security (1)

Energy Diversification On-Going

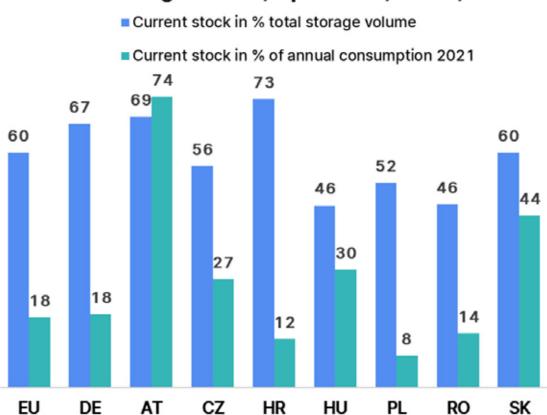




Source: Eurostat / Erste Group.

- Energy Security Increased In Importance

Gas Storage Levels, April 30th, 2023, in %

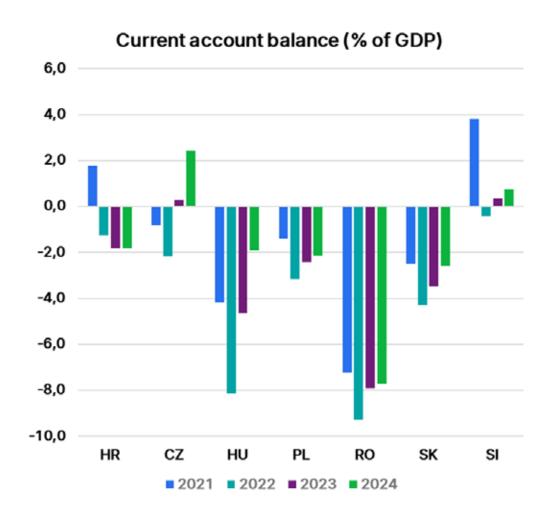


Source: GIE/AGSI / Erste Group.



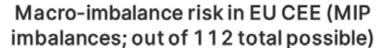
Challenge 6: Contain Macro-Economic Imbalances

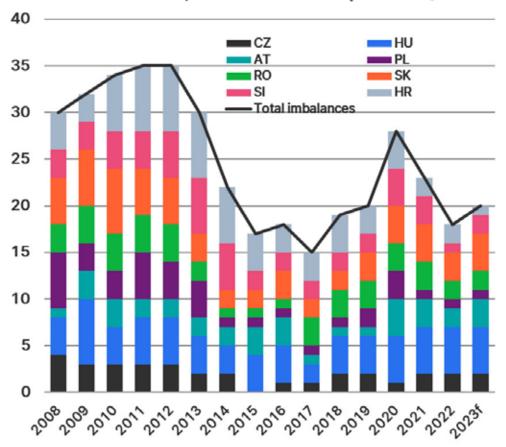
Current accounts improving again



Source: IMF WEO April 2023 / Erste Group.

- The multiple crises stopped the updrift in imbalances



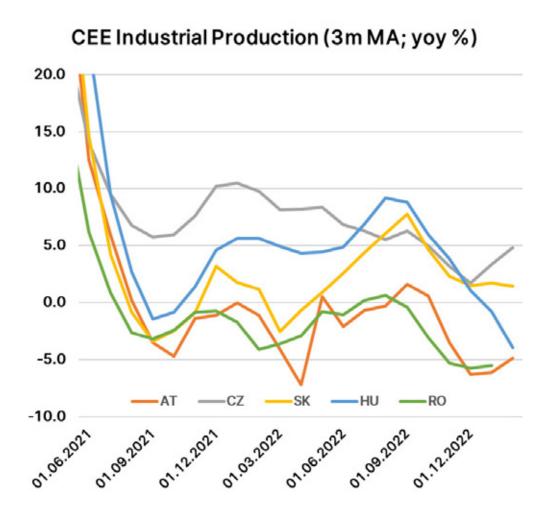


Source: Eurostat / Erste Group.



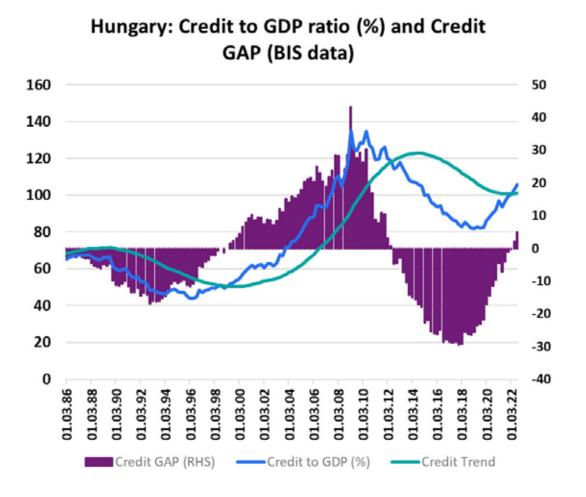
Challenge 7: Industry Underperformance Going On

Industry production keeps growth low



Source: Bloomberg / Erste Group.

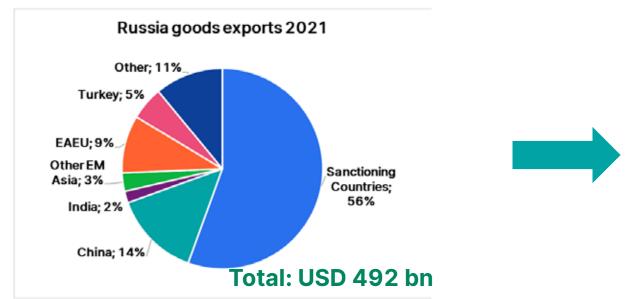
- No excessive credit production over past decade

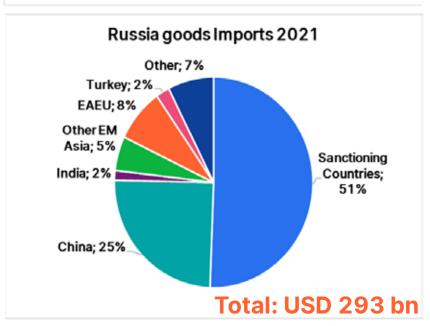


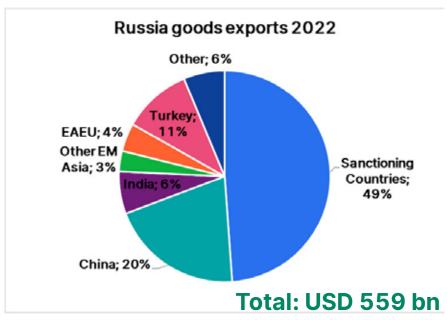
Source: BIS / Erste Group.

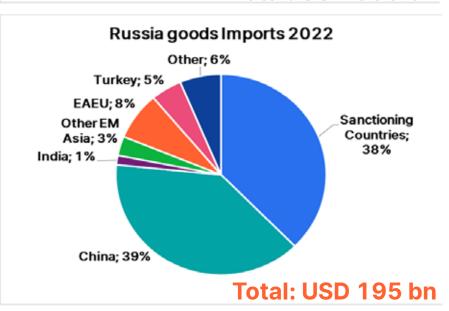


Challenge 8: Secondary Sanction Risks







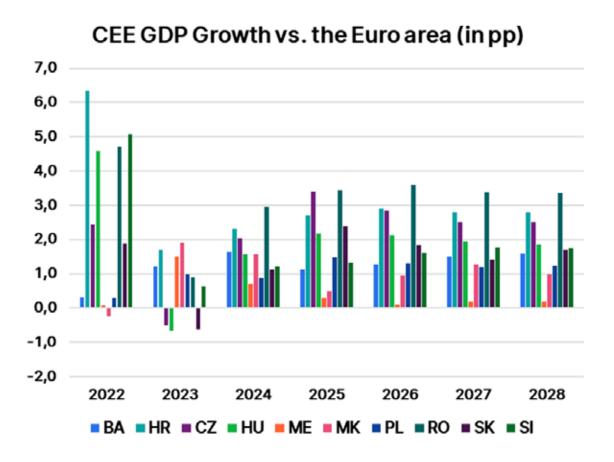




Source: Trade Data Monitor / Erste Group.

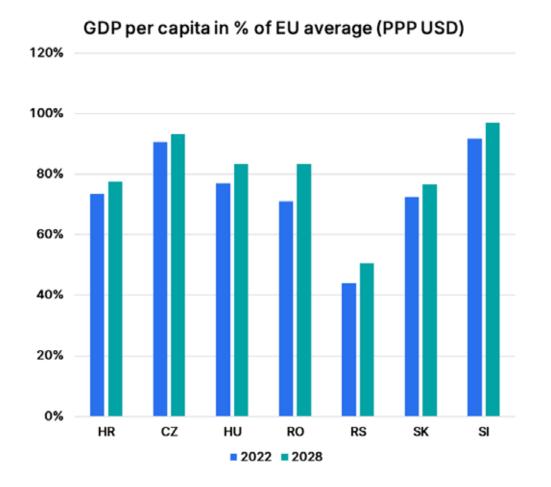
Challenge 9: Keep Up Convergence

Convergence story intact



Source: IMF WEO April 2023 / Erste Group.

- Some to reach EU average GDPPC until end of decade



Source: IMF WEO April 2023 / Erste Group.



Multiple Challenges Ahead For CESEE But Manageable

| Challenge | After | Cushion/Outlook |
|--|------------------------------------|------------------------------------|
| Interest rates / inflation | "Higher for longer"? | Rate cuts will be gradual |
| Demography / Labour markets | Increasing shortage of labour | Ukrainian labour integration |
| Fiscal policy / Public debt | Higher debt / scaling back support | Reduction in support necessary |
| Geopolitical Risk | Significant / Rising | EU / NATO unity increased |
| Energy diversification/availab. | Of highest priority | So far successful but risks remain |
| Macroeconomic imbalances | Expected to be contained | Economic slowdown supportive |
| Industry / Manufacturing | Underperformance | No excessive lending in past years |
| Operational Sanction Risk | Increasingly important | New tools for compliance |
| Convergence | To continue with some pause | Still many low hanging fruits |



Challenges in the times of high inflation and interest rates

Gabor Szigel (Senior Internal Advisor, OTP Bank)

May 9, 2023

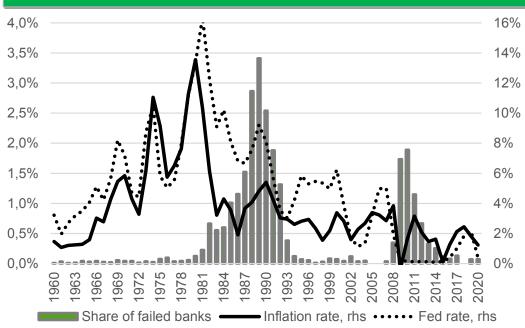


What history tells us: high inflation / high interest environment might cause serious problems for many institutions while it is manageable on the systemic level



The savings&loan crisis of the 80s in the U.S.

Chart 1:Share of failed banks*, inflation and interest rates in the U.S.

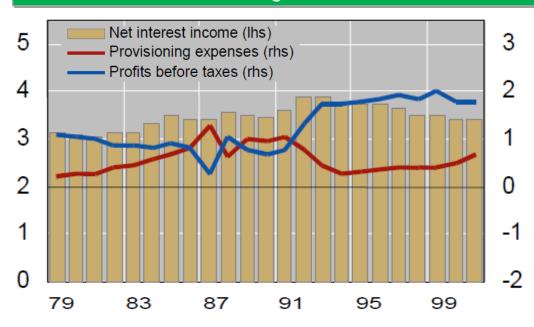


Source: FDIC. *Notes: institution under deposit insurance, total number of saving banks before 1984 estimated by the presenter

What is similar:

- Inflationary pressure
- High interest rates (compared to the previous periods)
- Stumbling real economy, halting (?) globalisation

Chart 2: Net interest income, impairments and profits of U.S. banks as a % of their avg. balance sheet



Source: William B. English: Interest rate risk and banks' interest margin, BIS Quarterly Review, December 2002, page 76

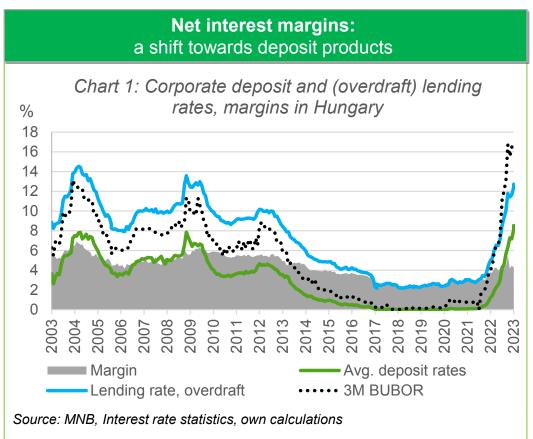
What is different:

- Mostly (though not exclusively) institutions with specialised business model were hit back then
- No financial deregulation
- No supervisory forebearance
- Wider deposit insurance coverage
- More liquidity

What the present tells us (with regard to Hungary&CESEE): net interest income and portfolio quality is stable; fundamentals are much better than in 2008/2009

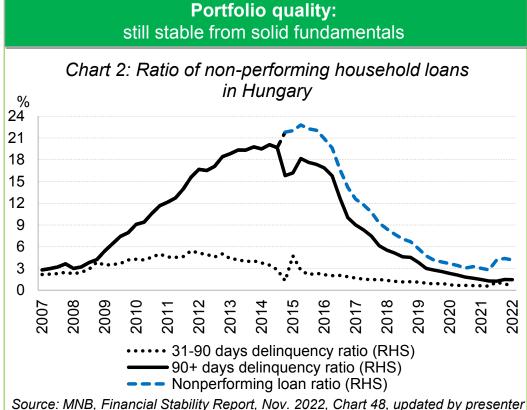


Selected figures of the Hungarian financial system:



Key points:

- Margin and volume of net interest income improve
- Deposit outflows into alternative savings products are manageable
- Loan volume stable though subsidised products play an important role
- External funding needs is moderate



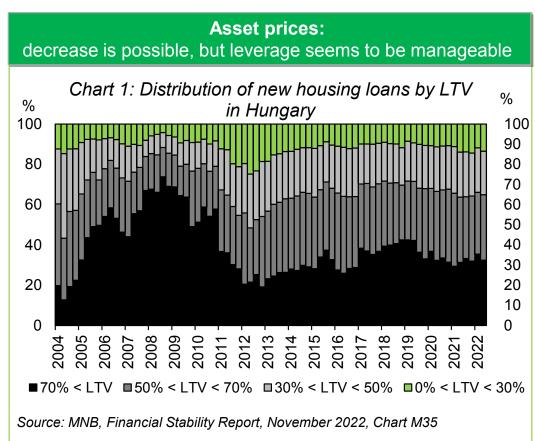
Key points:

- Structure of household lending is favourable (PTI, LTV limits, share of fixed mortgages above 70%)
- High inflation is not necessarily bad for corporate borrowers (increased re-pricing power)
- No material (unhedged) FX lending portfolio
- Spread in LC and FX lending rates is widening –
 beware of the "old acquaintance" of FX lending

What the present tells us (with regard to Hungary&CESEE): asset (real estate) prices might keep decreasing but leverage is not likely to become extensive. Sound business model and good management is a key



Selected figures of the Hungarian financial system:



Key points:

- (Nominal) fall in real estate prices is happening, but
- Shocks to LTVs will not reach the level of the post-Lehman crisis episode (with 30-50% increase in FX loan volumes)
- Starting point LTV distributions are significantly more favourable

