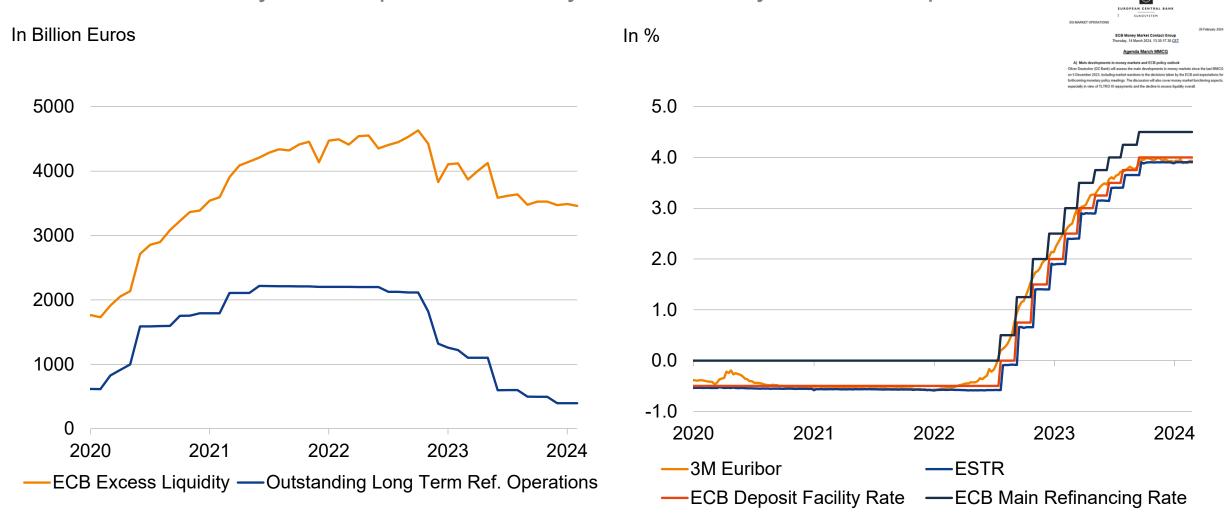
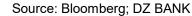


# Operational Framework Review – Excess Liquidity slowly shrinking



In the future, money market prices are likely to move away from the deposit rate







### We expect the central bank to proceed cautiously



Monetary authorities are keeping an eye on upside risks for the inflation trend

Market expectation\* for the development of the deposit rate in %



DG MARKET OPERATION

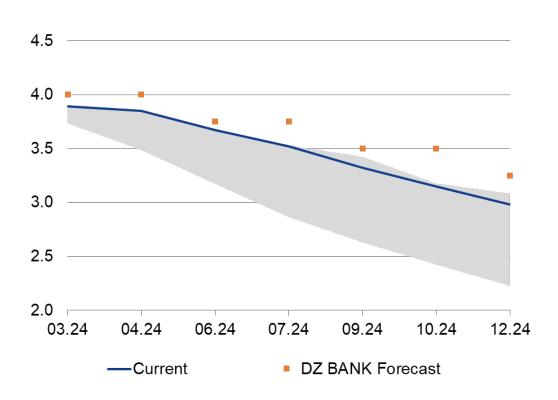
26 February 20

manuay, 14 march 2024, 10:00-11.5

Agenda March MMCG

A) Main developments in money markets and ECR policy outli

Oliver Deutscher (DZ Bank) will assess the main developments in money markets since the last MMC on 5 December 2023, including market reactions to the decisions taken by the ECB and expectations forthcoming monetary policy meetings. The discussion will also cover money market functioning aspec



- Market sharply withdraw on expectations of ECB's policy lowering rates early in 2024
- DZ forecast has been more conservative due to geopolitical and inflationary developments and environment
- Forwards pricing in interest rate downward cycle to start by June'24 with est.-25bp and up to further -75bp by EoY 2024 (new baseline 3%)
- As of now, no material impact seen in rates, market depth and liquidity stemming from maturing TLTRO III's (i.e.December'23 repayment) and March'24 maturity.
- Money markets functioning very well over the short term yield curve.
- Large investor appetite in money market investment spectrum due to higher rates and staying clear in the shorter end befor having clearer view outlook
- Very positive developments in traded volumes and market depth also seen throughout in European Repo Markets
- ECB deposit facility volume as of 23.Feb.24 at: +3.524Bln



Source: Bloomberg; DZ BANK forecast / \*OIS from Jan 24 - Feb 24

# We expect the central bank to look thoroughly through correlations



Mixed Money Marktet impacts from QT and rates effects (I/ II)

EUROPEAN CENTRAL BANK

DG MARKET OPERATIO

26 February 202

Thursday, 14 March 2024, 13:30-17:30 CET

Agenda March MMC

A) Main developments in money markets and ECR policy outli

Oliver Deutscher (DZ Bank) will assess the main developments in money markets since the last MMC on 5 December 2023, including market reactions to the decisions taken by the ECB and expectations for forthcoming monetary policy meetings. The discussion will also over money market functioning aspect separatable in views of TLTDD III represents and the declination recrease lineability overall.

- Developments in the unsecured market and recent upward moves in €STR ?
  - o Funding needs increasing across the curve, in some parts less liquidity placed in ON deposits though **not yet really seen in €STR Volumes**
  - Possible increased funding demand due to balance sheet reduction of ECB
- Any changes seen in €STR pricings due to lower excess liquidity developments?
  - Not yet foreseen, as excess liquidity seems still abundant
  - o Relative stable €STR level around +/- 2bp with a mean value of €STR at 3.905% for 2024 or DFR-10bp reflecting excess liquidity
  - Current Min.Res.Requ.(MRR) of 1% at 0% manageable and not yet fully distributed to relevant client pricing (i.e.-5bp)
  - o Though change in MRR >1% will impact short term rates and €STR to a far larger extent
  - o If MRR changes, re-pricing on MRR liabilities expected impacting €STR
    - o a.) rates
    - o b.) traded volume and possible additional shift in repo markets (as not relevant for MRR calculations)
- Any indication of €STR being influenced by upward move in repo rates?
  - o €STR as pricing benchmark (i.e.hedging) for repo markets
  - Increased volume of free floating GC collateral in context of decreasing TLTRO's lead to increased repo funding volumes and GC repo rates
  - o Good liquidity and investment appetite by investors which do not access central bank, leaves profitability opportunities open



# We expect the central bank to look thoroughly through correlations



Mixed Money Market impacts from QT and rates effects (II/ II)

- Major participants in Money Markets?
  - Specific Corporate clients and Financials driving €STR relevant volumes with a high proportion of transactions with institutions who do not have/use access to deposit facility
  - o In addition our (DZ BANK Verbund Clients) to some extent in ON Deposits,
  - Excess liquidity still high but due to stronger expected regulation higher/increased demand for liquidity reserves held as buffer (i.e.: EurexClearing AG Change to min.40% Cash Collateral since Jan.2<sup>nd</sup> 2024 effective)
- DFR and €STR developments in context of lower excess liquidity levels due to QT?
  - o Yes, ESTR should move in direction of DFR once excess liquidity volume narrows and QT further tightens
  - Possible effects stemming from a potential "demand driven floor system by ECB" should add to above mentioned thesis, €STR moving towards
    DFR
  - o Question could be, where upper and lower bound of new monetary policy framework will be seen and set in future ...
  - o and bigger banks balance sheets lead to increasing demand for long term liquidity /assets
- €STR still relative stable due to i.e.:
  - o Money Market in very good shape due to new and additional inflows of investors...
  - In specific since last year, as domestic reserve remuneration changed (i.e.Dt.Bundesbank) to 0%, and liquidity diverted into money markets and to good rated institutions.
  - Additionally, investors more sensitive to good short term rating and credit evaluations as awareness increased after SVB/USA, UBS/CSFB volatilities
- Majority of impacts in unsecured overnight market and its distribution between €STR-relevant MMSR flows seem mainly being based on i.e.:
  - o Constant liquidity inflows from corporate treasuries
  - o Financials and probably savings and co-operative client flows

EUROPEAN CENTRAL BANK

26 Februs

ECB Money Market Contact Group Thursday, 14 March 2024, 13:30-17:30 CET

Agenda March MM0

A) Main developments in money markets and ECR policy our

Oliver Deutscher (DZ Bank) will assess the main developments in money markets since the last MMC on 5 December 2023, including market reactions to the decisions taken by the ECB and expectations for forthcoming monetary policy meetings. The discussion will also cover many warket functioning aspect possible to design of TLTDO III programments and the decision in excess of limitfolds assessed.





#### CMG RepoFundsRate vs. ESTR Spread





Oliver Deutscher (DZ Bank) will assess the main developments in money markets since the la ning monetary policy meetings. The discussion will also cover money market function

#### End of Year'24:

ESTR: 3.882%

German GC -41bp

Spain GC -4bp

France GC -33bp

#### Eo January'24:

ESTR: 3.894%

German GC -3bp

Spain GC +2bp

France GC -1bp

#### Eo February'24:

ESTR: 3.887%

German GC -20bp

Spain GC flat

France GC -22bp

#### Eo Feb:: MRR 56days

April: MMR 42days

May: MRR 56days





### Overview EURO GCPooling Baskets vs.ESTR Spread & Volumes



Spread difference peaks on month ends though less significant in 2024 vs.2023

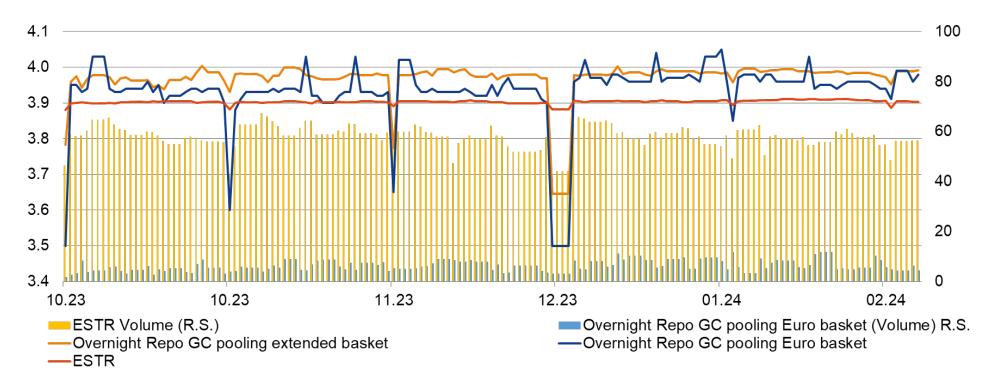


ECB Money Market Contact Gro

#### Anenda March MMCG

Other Deutscher (DZ Bank) will assess the main developments in money markets since the last MM on 5 December 2023, including market reactions to the decisions taken by the ECB and expectations therefore money policy meetings. The discussion will also cover money market functioning aspeespecially in view of IT, TRO III replyments and the decition in excess liquidity overall.

Left scale (%) / Right Scale in Billions (EUR)



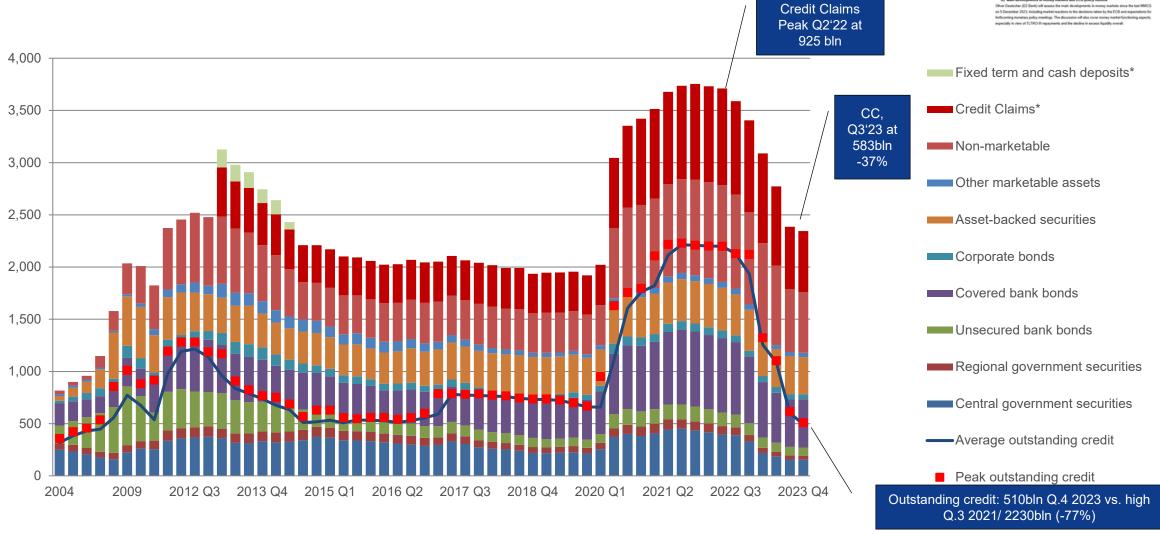


# Annex:



#### Use of marketable and non-marketable collateral



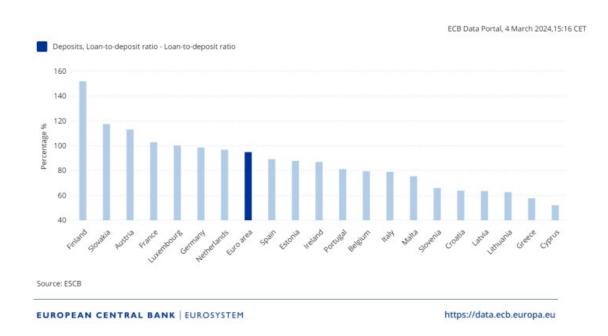




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#### Loan-to-deposit ratio distribution within Eurozone countries Q.3 2023





Eurozone Average at 95%

Highest Finland: 152,1%

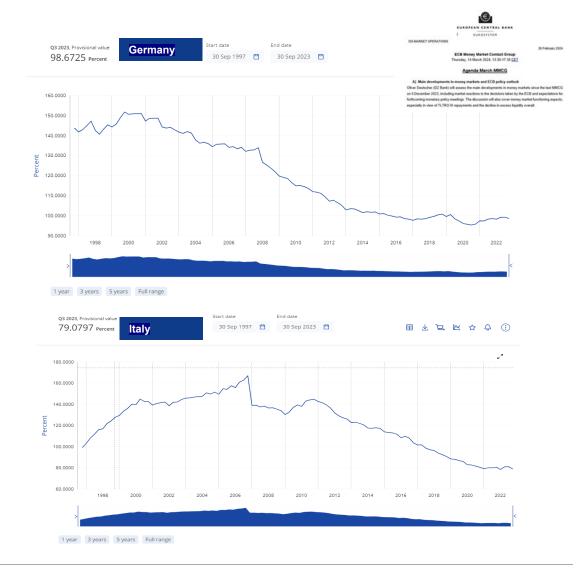
Lowest Cyprus: 52,2%

and i.e. as:

Germany: 98,7% = > temporary increases reflecting Corona-crisis

France: 102,9%

Italy: 79,1% = > fairly stable on average even through and post Corona-crises





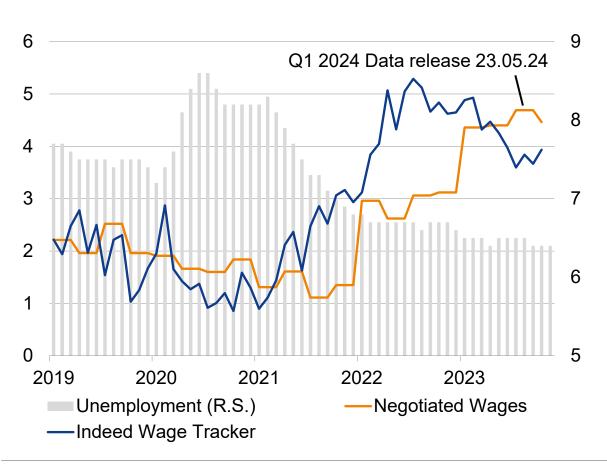
## Central bank members pay more attention to wage trends

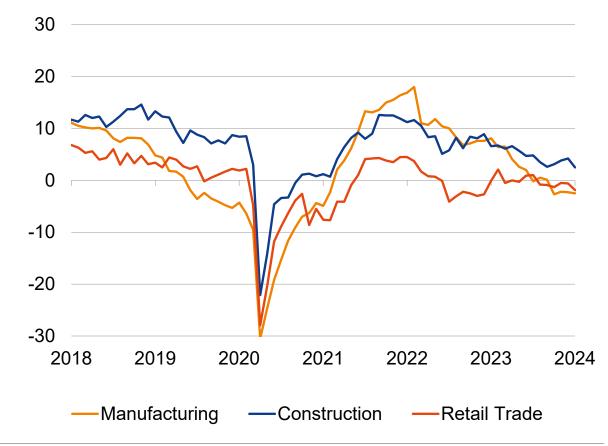


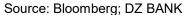
Wage pressure should at least not accelerate any further

In percent

Employment expectations over the next 3 months\*







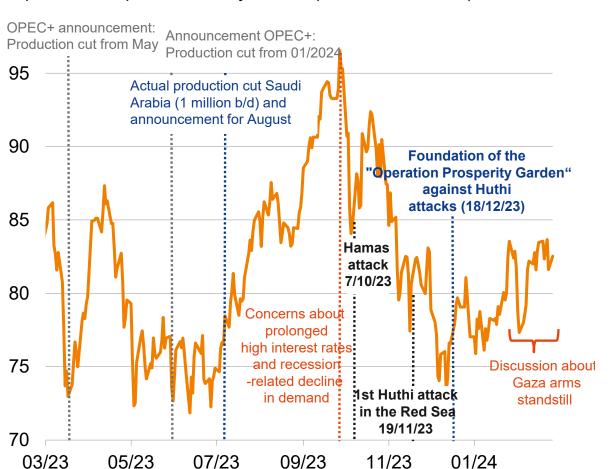


### Geopolitical risks: Conflict in the Middle East harbours risks

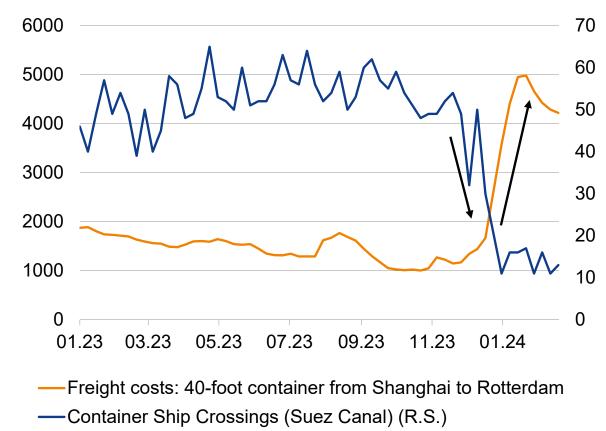


#### Oil price development with potential upside risks

Oil price development and key drivers (Brent, USD/barrel)



In US-Dollar / Number of Ships (R.S.)



Source: Bloomberg; DZ BANK

