

The key messages

Risk trends in bank financial statements	 Compared to the September 2023 forecast, the deterioration rate of Italian bank loans is estimated to decrease in 2023, thanks to the resilience of credit quality. Also at the EU level, there are no tensions on non-performing loans: significant banks show a stable Npe ratio around 1,8%
	 We expect the 2023-2025 credit deterioration rate to remain at a historically low level compared to the values of the sub-prime mortgage and sovereign debt crises. The 2024 and 2025 forecast is slightly higher than our September 2023 estimate (Market Watch Npl) due to lower expected growth in domestic production (in 2024 +0,6% vs +0,93% in the September 2023 consensus)
Npl and UtP transaction	• The GBV of the Npe portfolios transacted in 2023 was 30 €bn. Npl volumes (23 €bn) saw a significant weight of the secondary market (68%)
market	• The 2024-2025 forecast sees an incidence of over 50% of the secondary market and, at the same time, a primary market supported by the goal of containing the banking system's Npe ratio around 3%, as shown by the analysis of the business plans of the main Italian banking groups, which show targets between 0% and 4,4%
Total Npe stock in Italy	• The Npe' stock in Italy is estimated to have decreased from 361 €bn in 2015 to 303 €bn in 2023, thanks to the specialised management of servicers and the effectiveness of banks' credit policies
	 In the two-year period 2024-2025, the stock is expected to remain essentially stable as a result of the increase in new impaired flows offsetting the improved recovery capacity
Servicing	 An analysis of the 34# DBRS-rated portfolios for which time comparisons are available showed that by mid-2023, performance towards targets was unchanged from 12 months earlier (102,7% vs 102,4%), due to the performance of the most recently securitised portfolios, which appear to have been unaffected by rates and inflation
	• In the years 2022 and 2023, the Npl industry saw 23 extraordinary transactions, resulting in 16 acquisitions and 7 JVs and start-ups of new servicers



In the third quarter of 2023, the Npe ratio (Bank nonperforming loans to total gross loans) of EU significant banks remained stable (1,81% vs 1,80% in Q2 2023). In absolute value the Npe stock increased by another 2 €bn vs the second quarter, i.e. a change of +1%, bringing the overall increase in the 2023 stock to 6 €bn

EU NON-PERFORMING LOANS IN BANK FINANCIAL STATEMENTS, GROSS NPE RATIO - EBA SIGNIFICANT BANKS ONLY- €BN AND PERCENTAGES





SOURCE: Banca If is Research Department elaborations on: EBA "Risk Dashboard" report, Npl ratio based on a weighted average. NOTES*: the figures exclude the values of the United Kingdom, which ceased to be a member of the European Union in 2020. Note that in the EBA report the terms non-performing exposures (Npe) and non-performing loans (Npl) are used interchangeably. The computation of the Npe ratio and Default rate of the Eurozone considers the significant banks according to EBA definition. The EU significant banks are large banks which have an high level of non domestic exposures characterised by lower Npe ratio values compared to domestic one. According to this rational the EU indicators are always lower than those at country level or for specific customer segments

EU LOANS (EXCLUDING THE UK) IN BANK FINANCIAL STATEMENTS - EBA SIGNIFICANT BANKS ONLY - BASE 100 = Q3 2018 - ROLLING PERCENTAGE CHANGE OVER PREVIOUS 12 **MONTHS**



SOURCE: Banca Ifis Research Department elaborations on: EBA "Risk Dashboard" report



In Q3 2023, a decline (-4,3% vs previous 12 months) in the trend of EU loans is observed for the first time since 2018, as a consequence of the restrictive monetary policy that led to an increase in the cost of credit.

The stock remains, however, more than 22% higher than in Q3 2018

The forward-looking indicators (stage 2 and performing forborne loans) of the major EU indicators do not provide unambiguous indications: loans in stage 2 are slightly up for the first time since Q3 2022 (+ 23 €bn vs Q2 2023) while the improvement in forborne performing of significant EU banks is continuing

LOANS IN BANK FINANCIAL STATEMENTS CLASSIFIED AS STAGE 2 AND INCIDENCE OF STAGE 2 LOANS ON RECEIVABLES DUE FROM CUSTOMERS
- EBA SIGNIFICANT BANKS ONLY - VOLUMES IN €BN AND PERCENTAGES



── Stage 2/total loans

STOCK OF FORBORNE PERFORMING LOANS AND INCIDENCE OF FORBORNE PERFORMING LOANS ON RECEIVABLES DUE FROM CUSTOMERS - EU SIGNIFICANT BANKS ONLY - VOLUMES IN €BN AND PERCENTAGES

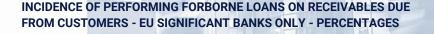


Performing forborne loans (€bn)

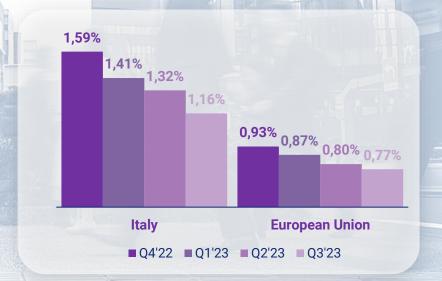
— Forborne performing loans/total loans

As of September 2023, Italy continues to have a higher prospective risk than the EU average, both in terms of loans classified as stage 2 and for forborne performing loans (which have benefited from forbearance). Also for significant Italian banks the trend of stage 2 is slightly increasing

INCIDENCE OF LOANS IN BANK FINANCIAL STATEMENTS CLASSIFIED AS STAGE 2 ON RECEIVABLES DUE FROM CUSTOMERS - EBA SIGNIFICANT BANKS ONLY - PERCENTAGES









Compared to the September 2023 forecast, the deterioration rate of bank loans in Italy is estimated to decrease in 2023, thanks to the resilience of credit quality, while the lower expected GDP growth will lead to an increase, albeit limited, in the flows estimated for the two-year period 2024-2025

Macroeconomic hypotheses (Bank of Italy: Economic Bulletin No. 1 - 2024 of 19 **January 2024)** Unemployment Inflation rate Year GDP Interest rate rate 2023 0.7 5.9 3.4 7,7 2024 0.6 1.9 3.5 2025 1,1 1,7 2,8 7,6 anca Ifis

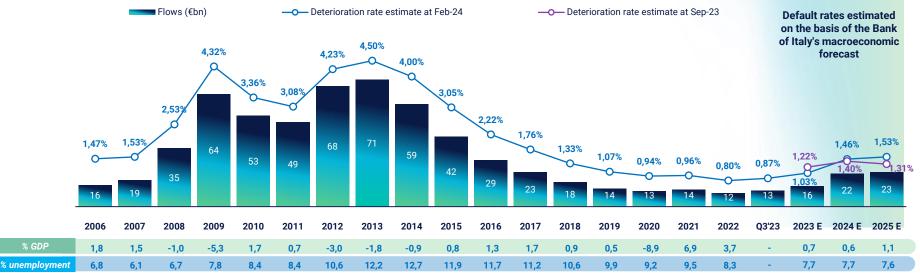
Deterioration rates - forecast

Predictions of the credit deterioration rate were made using a multivariate regression model applied to the time series for the period 2006 - Q3 2023 (confidence interval of 95%)

Year	Deterioration rate (estimate)			
r edi	Sep. 2023	Feb. 2024		
2023	1,22% 1,03%			
2024	1,40%	1,46%		
2025	1.31% 1,53%			

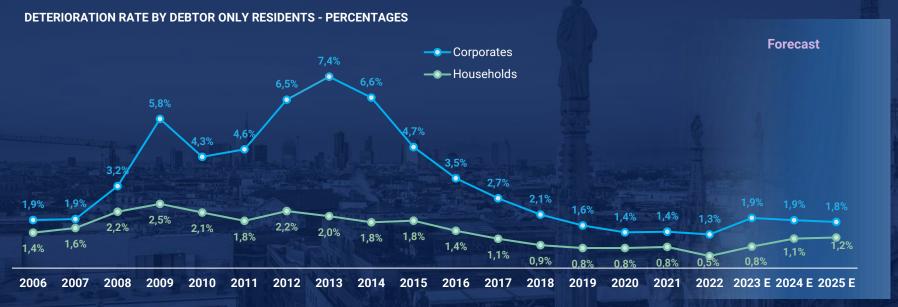
We expect the 2023-2025 credit deterioration rate to remain at a historically low level compared to the values of the sub-prime mortgage and sovereign debt crises. The 2024 and 2025 forecast is slightly higher than our September 2023 estimate (Market Watch Npl) due to lower expected growth in domestic production (in 2024 +0,6% vs +0,93% in the September 2023 consensus)

ANNUAL FLOWS OF NEW DEFAULTING LOANS AND LOAN DETERIORATION RATE (DEFAULT RATE) RESIDENTS ONLY - €BN AND PERCENTAGES





The increase in the deterioration rate of bank loans (illustrated on the previous two pages) is the result of a modest deterioration in the forecasts of both the Corporate and Household segments compared to what was seen in the three-year period 2020-2022. The estimated increase is proportionally higher for Households



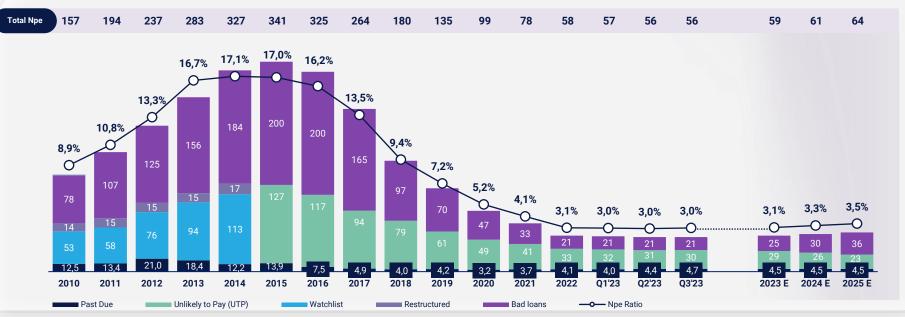
DETERIORATION RATE: annual flow of new loans in default adjusted / stock of loans not in default adjusted previous year.

SOURCE: Banca If is internal analysis based on Banca d'Italia statistical Database. NOTES: Corporate includes non-financial companies and producer households; Households includes consumer households and other residual values.



The moderate dynamics of impaired new flows together with the continued de-risking (see page 14) will keep the Npe ratio fairly stable in a range between 3,1% in 2023 and 3,5% in 2025

GROSS BANK'S NPE OF RESIDENT AND NON-RESIDENT DEBTORS AND NPE RATIO - €BN AND PERCENTAGES - CLASSIFICATION OF BAD LOANS UPDATED IN 2015

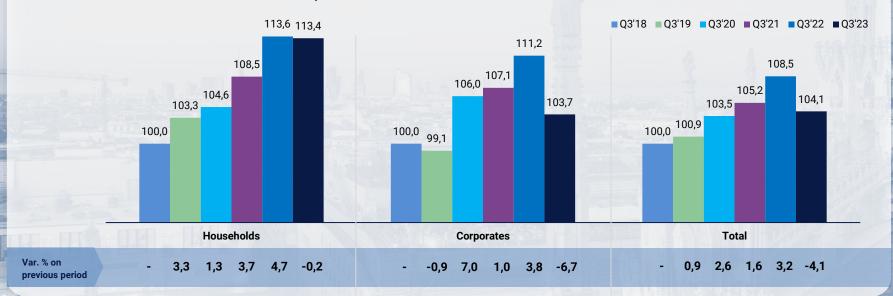




SOURCE: Banca If is Research Department elaborations on the Bank of Italy statistical database; 2023-2025 Banca If is internal estimates. NOTES: Normalised data. The new definition of default harmonised at European level has been in force since January 2021. The data includes transactions with resident and non-resident entities, excluding interbank relations. Bad loans are carried forward at book value. Noe ratio calculated as the ratio of gross non-performing loans to total loans to customers.

In the third quarter of 2023, the trend in loans to Households and Corporates declined by 4,1% compared to the same period in 2022. This decrease is entirely attributable to the Corporates sector, also as a result of the re-absorption of loans granted during the two-year pandemic period in the years 2020 and 2021

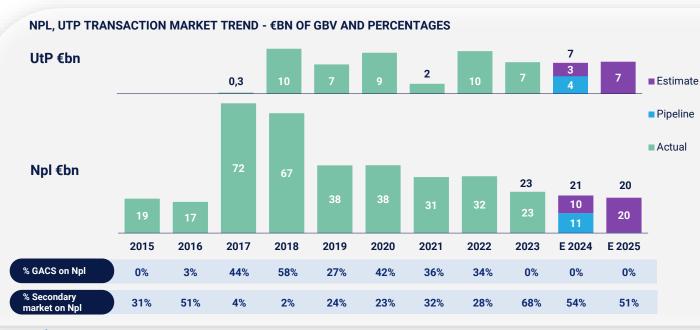
STOCK OF ITALIAN RESIDENT-ONLY LOANS ADJUSTED FOR SECURITISATIONS, OTHER DISPOSALS, RECLASSIFICATIONS, VALUE ADJUSTMENTS AND EXCHANGE RATE CHANGES - BASE 100 = Q3 2018 - ROLLING PERCENTAGE CHANGE OVER PREVIOUS 12 MONTHS







The GBV of the Npe portfolios transacted in 2023 was 30 €bn. Npl volumes (23 €bn) saw a significant weight of the secondary market (68%). The 2024-2025 forecast sees a secondary market incidence of more than 50% and, at the same time, a primary market supported by the goal of containing the Npe ratio of the banking system to around 3%



The secondary market was driven by the optimisation of portfolios under management with divestments of non core assets, by the development of sales platforms and by divestments by historically acquisitive operators.

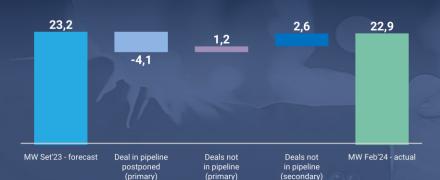
Despite the fact that the secondary market is expected to account for more than 50% of the transacted business in the two-year period 2024-2025, the primary segment will remain significant because the bank system has set itself the target of maintaining the average Npe ratio at around 3%, as demonstrated by the analysis of the business plans of the major Italian banking groups, which show targets between 0% and 4,4%



The 2023 actual confirms the estimates of the Npl portfolio turnover, but with a composition that sees a greater weight of the secondary market.

The final 2023 UtP figure was 2 €bn lower than estimated mainly due to the likely postponement to 2024 of some deals

NPL TRANSACTION MARKET: COMPARISON ACTUAL 2023 VS FORECAST - GBV €BN



Deal in pipeline postponed (primary)

Unicredit	1,0 €bn
BPER	1,0 €bn
Barclays	1,4 €bn
MPS	0,7 €bn

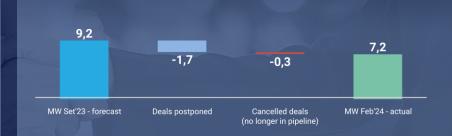
Deals not in pipeline (primary)

ВРМ	0,3 €bn			
Multi-originator	0,9 €bn			
Deals not in pineline (secondary)				

Deals not in pipeline (secondary

Credit Factor	2,0 €bn
Cherry Bank	0,6 €bn

UTP TRANSACTION MARKET: COMPARISON ACTUAL 2023 VS FORECAST - GBV €BN

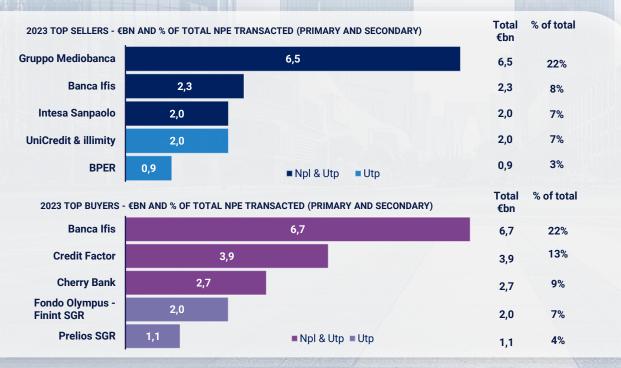


Postponed deals

Unicredit	1,0 €bn
Multi-originator	0,7 €bn
100	



In 2023, the concentration of transactions remains high in terms of sellers and buyers, respectively 47% and 55% the weighting of the Top 5. In comparison with 2022, the concentration of top sellers is decreasing while that of top buyers increasing



Compared with 2022, the top 5 sellers concentrated a smaller share of transacted business, going from 62%to 47% Intesa Sanpaolo remains in the top 5, concentrating 7% of the total transacted in 2023, consistent with its "Zero-NPL Bank" plan target

The concentration on volumes of top buyers increased slightly in 2023 (from 51% to 55%) Among investors, only Banca Ifis continues to be in the Top 5, with an increasing market share of transacted business, thanks to the Revalea transaction



Npl transactions accounted for 76% of the 2023 volumes, and UtP absorbed the remaining 24%

Corporate debtors account for half of the total transacted amounts while, in terms of assets, unsecured portfolios dominate

30 €bn

NPE transacted at 31 December 2023 TOTAL NPE TRANSACTIONS: FROM JANUARY TO 31 DECEMBER 2023 BY MARKET, PORTFOLIO, DEBTOR, TYPE OF DISPOSAL AND TYPE OF IMPAIRMENT - €BN GBV AND PERCENTAGES





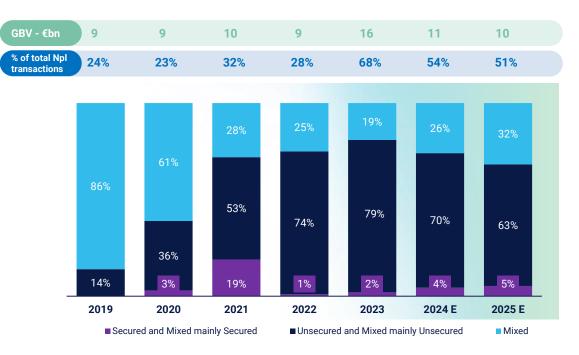
SOURCE: Banca Ifis Npl Market Database - News and press releases - Banca Ifis internal analysis

Over the 2024-2025 forecast horizon, the composition of assets transacted on the secondary market will maintain a high weight of mixed and unsecured, assuming the continuation, firstly, of the disposals of units of non-core portfolios

The drivers noted over the past 12 months are confirmed for both the 2023 actual and the 2024 and 2025 forecast:

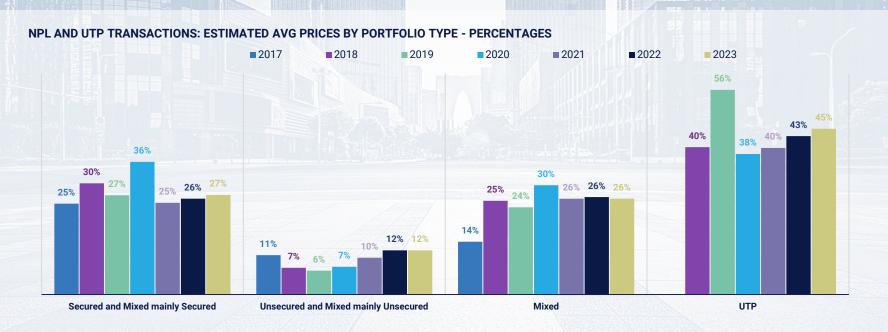
- disposals of shares in non-core portfolios (including those backed by GACS);
- aggregation phenomena in consortia and organisations in 115 **TULPS:**
- development of digital trading platforms that will facilitate secondary market transactions

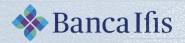
NPL TRANSACTIONS ON THE SECONDARY MARKET BY PORTFOLIO TYPE - €BN AND PERCENTAGES





In 2023, the average prices of the portfolios do not show significant changes, except for the values of the secured portfolios, which are affected by the fresher loans, and for the UtP, which show variability due to low volumes and purchases of alternative investment funds





Npl transactions of 22,9 €bn were finalised in 2023

Npl

Transactions concluded in 2023

Seller (Originator)	€bn GBV	Market	Investor	Servicer
Mediobanca Group	6,5	Secondary	Banca Ifis	MBCS
Multi-originator	2,7	Primary/Secondary	Cherry Bank	Cherry Bank
Banca Ifis	2,3	Secondary	Various buyers	n.a.
Veld Capital	2,0	Secondary	Credit Factor	Credit Factor
Multi-originator	1,6	Secondary	Credit Factor	Europa Factor
Intesa Sanpaolo	1,3	Secondary	Various investors	Intrum
Intesa Sanpaolo	0,7	Primary	Finn SPV	Intrum
Confidential	0,5	Primary	IPV Investing	IPV Investing
Multi-originator	0,5	Secondary	Next Generation Collection	Zenith Service SpA
Multi-originator	0,3	Primary	Various investors	DoValue
Iccrea Banca	0,3	Primary	AMCO	AMCO
Unicredit	0,2	Primary	Kruk Group	Kruk Group
Banco BPM	0,2	Primary	Best Capital Italia srl	Banca Finint
Monte dei Paschi di Siena, Banca Widiba	0,2	Primary	Bayview	Guber Banca
BNL	0,2	Primary	Hoist Finance	Hoist Finance
Unicredit	0,1	Primary	Aquileia Capital Services	Aquileia Capital Services
Banco BPM	0,1	Primary	LCM ®	Banca Finint
Deutsche Bank	0,1	Primary	Kruk Group	Kruk Group
Confidential	0,1	Primary	SOREC S.r.I.	SOREC S.r.l.
Italo sicav	0,1	Secondary	Hoist Finance	Credit Network & Finance
Confidential and other minor sellers	2,9	n.a.	n.a.	n.a.
Total transactions 2023	22,9			



Sales of UtPs remained at low volumes and lower than 2022: 7,2 €bn GBV of deals finalised in 2023

UtP

Transactions concluded in 2023

Seller (Originator)	€bn GBV	Market	Investor	Servicer
UniCredit & illimity	1,0	Primary	Olympus Fund 1 SPV (Finint SGR)	ARECneprix
UniCredit & illimity	1,0	Primary	Olympus Fund 2 SPV (Finint SGR)	ARECneprix
Multi-originator	0,9	Primary	Prelios SGR	Back2Bonis Fund
BPER	0,5	Primary	Gardant	Gardant
BPER	0,4	Primary	AMCO	AMCO
Multi-originator (ICCREA and other banks)	0,4	Primary	UTP Italy Fund	Intrum
Confidential	0,4	Primary	Efesto Credit Fund	DoValue
Multi-originator	0,4	Primary	Confidential	Confidential
Deutsche Bank	0,3	Primary	Banca Finint, Italian NPL Opportunities Fund	Banca Finint
Unicredit and Bper bank	0,3	Primary	Prelios SGR	Back2Bonis Fund
Multi-originator	0,3	Primary	Illimity	iREC Fund
Multi-originator	0,2	Primary	Kryalos SGR	Keystone Fund
Iccrea Banca	0,1	Primary	AMCO	AMCO
Iccrea Banca	0,1	Primary	UTP Italy Fund	Intrum
Confidential and other minor	0,9	Primary	n.a.	n.a.
Total transactions 2023	7,2			



The 2024 pipeline already includes 11 €bn of Npl portfolios and 4 €bn of UtP, relative to both the primary and secondary markets

Npl

2024 pipeline

Potential Investor Seller (Originator) €bn GBV Market **Status** On plan Banca Ifis 2,0 Secondary n.a. Barclavs 1.4 Primary Confidential Ongoing Goldman 1,2 David Solomon On plan Secondary Unicredit 1,0 On plan **Primary** n.a. BPFR 1.0 Gardant project partnership Ongoing Primary Monte dei Paschi di Siena 0,7 **Primary** On plan n.a. Banco BPM 0.7 Primary n.a. Ongoing Monte dei Paschi di Siena 0.4 **Primary** Ongoing n.a. Iccrea Banca 0.3 Primary Ongoing n.a. Confidential 2.4 Primary/secondary Ongoing/On plan n.a. Total pipeline 11,1

UtP

Pipeline 2024

Seller (Originator)	€bn GBV	Market	Potential Investor	Status
Multi-Originator	1,0	Primary	Olympus funds	Ongoing
BPER	1,0	Primary	Gardant project partnership	Ongoing
Unicredit	1,0	Primary	doValue, Prelios, Intrum, Gardant and AREC	On plan
Multi-Originator	0,7	Primary	Back2Bonis fund (AMCO)	Ongoing
Iccrea Banca	0,3	Primary	n.a.	Ongoing
Total pipeline	4,0			

SOURCE: Banca Ifis Npl Market Database - News and press releases - Banca Ifis internal analysis.





The Npe stock in Italy is estimated to have decreased from 361 €bn in 2015 to 303 €bn in 2023, thanks to the specialised management of servicers and the effectiveness of banks' credit policies. In the two-year period 2024-2025, the stock is expected to remain essentially stable as a result of the increase in new impaired flows offsetting the improved recovery capacity

ESTIMATED AMOUNT OF TOTAL NPE IN ITALY (RESIDENTS AND NON-RESIDENTS IN BANK FINANCIAL STATEMENTS + PORTFOLIOS SOLD NET OF COLLECTIONS AND POSITIONS CLOSED) - €BN

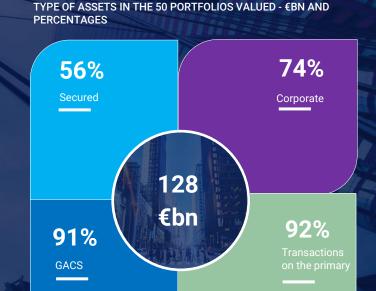




Banca Ifis Research Department internal estimates from Banca Ifis, Bank of Italy and Unirec Npl Market Database. NOTES: Normalised data. The new definition of default harmonised at European level has been in force since January 2021, The data includes transactions with total customers of resident and non-resident subjects, excluding interbank relations.

The 50 Scope and DBRS-rated portfolios, securitised from 2017 to 2022, are a significant cluster of the transacted Npls, which is useful for analysing the performance recovery compared to the original business plans

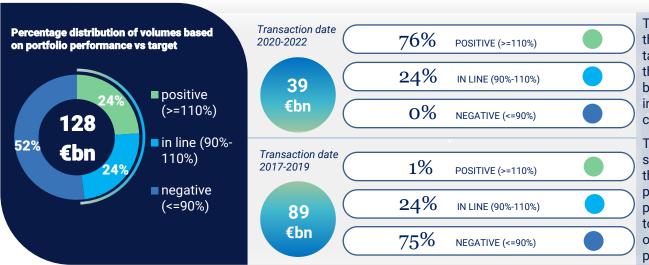






48% of the 128 €bn (GBV) of the 50 securitisations monitored has a performance positive or in line with the original business plan. The portfolios that perform better with respect to the targets are those with the most recent transaction date (2020 to 2022), on which there are still no negative deltas with respect to the targets from BP

PERFORMANCE AGAINST THE ORIGINAL BUSINESS PLAN OF 50# RATING SCOPE AND DBRS SECURITISATIONS - LAST IPD FROM 1st DECEMBER 2022 TO 30 JUNE 2023. PERCENTAGE AND €BN



The valuation approach adopted considers the performance of portfolios that exceed the target by at least 110% to be positive and that of portfolios that lag behind the original business plan by 90% or less to be negative, in order to sterilise the effect of variability of collections over individual periods.

The correlation between date of securitisation and performance is linked to the better recovery capacity that physiologically occurs in the first years of processing, to potentially fresher credits and to the more cautious business plans of operations that were able to take the pandemic shock into account



An analysis of the 34# DBRS-rated portfolios for which time comparisons are available showed that by mid-2023, performance towards targets was unchanged from 12 months earlier (102,7% vs 102,4%), due to the performance of the most recently securitised portfolios, which appear to have been, on average, unaffected by rates and inflation

DBRS-rated portfolios with latest IPD June 2023

34#	The number of DBRS-rated portfolios from 2017 to 2022
98 €bn	The GBV value of the 34 securitisations
30	The number of portfolios with GACS

Despite high interest rates and steadily rising inflation between June 2022 and June 2023 (ECB rates 0 to 3,75%, and inflation +8,1%) the over-all performance remained unchanged. This is the result of an improvement on the targets of the newer portfolios and a deterioration of the pre-2020 securitised portfolios, which continue to experience a gap related to the time when the targets were set

PERFORMANCE COMPARED TO THE ORIGINAL BUSINESS PLAN OF #34 SECURITISATIONS WITH DBRS RATING - LATEST IPD 30 JUNE 2023, PERCENTAGE





In the years 2022 and 2023, the Npl industry saw 23 extraordinary transactions, resulting in 16 acquisitions and 7 JVs and start-ups of new servicers



Cerved Credit
Management
Acquisition of REV
Gestione Credit

Collextion
Acquisition of
Whitestar
(formerly Parr
Credit)

Consultinvest Group Acquisition of 50% of Borgosesia Gestioni SGR.

Gardant + BPER
Joint venture for

Joint venture for the strategic management of Npls and Utps

Luzzatti + Prelios Creation of UtP Management Fund Illimity Bank S.p.A.

2022

Acquisition of 100% of Aurora Recovery Capital S.p.A.

Intrum Italy

Acquisition of a part of i-law, a law firm specialising in NPL servicing

Banca Finint
Acquisition of
Deutsche's servicing
platform
Bank Mortgages NPE

Prelios + Luzzatti
Partnership for the
creation of a fund for the
strategic management of
Utps

lon - F

Acquisition of 100% of Euro Service Spa

Zolva

Team Evolution (Exacta Group) Acquisition of 100% of Creden

Cerved
Acquisition of 100%
of REV Gestione
Crediti

Unicredit + Prelios Partnership for the management of Utps Ion - Prelios

Acquisition of Prelios by lon

Banca Ifis
Acquisition of 100% of
Revalea S.p.a.

A-Zeta
Acquisition of the legal
BU of Officine CST
(Cerberus)

Cherry Bank
Merger of Banca
Popolare Valconca

Covisian Credit Management Acquisition of 100% of Credires

2023

iQera Acquisition of 33% of MFLaw (STA) <mark>Sesa</mark> Acquisitio

Acquisition of 51% of Centrotrenta Servicing S.p.a

Guber Banca

Acquisition of 100% of Fintech's Reperform.com platform

IPV Investing SpA a new player in the

secondary market of non-performing exposures Fire

creation of Effe46, special situation vehicle



Joint ventures

and start-ups

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