### Confidential

# The Board of EETI

VALUATION OF THE INVESTMENT PORTFOLIO AS AT 31/12/2020

February 2020

DRAFT



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1 SUMMARY

### **Introduction**

- ► The EETI portfolio comprises first and second loss positions of RMBS (residential mortgage-backed securities) with underlying mortgage loan pools in Spain, Portugal and Italy.
- ► The present document details the assumptions and model outputs of the quarterly valuation undertaken at 31/12/2020. It forms part of the ongoing monitoring and revaluation of the portfolio.
- ► The year 2020 was marked by a significant slowdown in ABS issuance after Q1 and the primary market for European securitisations remains driven by issuance from non-bank lenders (car, consumer and non-conforming mortgage loans) and the refinancing of LBO loans through CLOs.
  - Continental European RMBS issuance is forecast at EUR 10-15bn in 2021, representing at most 15% of total European ABS issuance, a fraction of its pre-2008 importance.
- ► The outstanding amount of pre-crisis senior and mezzanine bonds of European securitisations is shrinking due to the natural amortisation of underlying loans as well as the exercise of time and cleanup calls. These bonds continue to be traded but the market focus has shifted to more recent issues and other market ABS market segments.
  - Deeply subordinated first and second loss positions, such as those held by EETI, remain very illiquid, with very limited trading activity and few comparable transactions, if any.
- ► In the absence of observable market prices for the positions held by EETI or of comparable transactions, the fair value of the portfolio is assessed through a mark-to-model approach.
  - This approach is predicated on preparing forecast cash flow until maturity for each investment using observable credit assumptions and deriving their net present values based on discount rates consistent with the current market environment;
  - The credit assumptions retained by Cartesia are based on the historical performance of individual transactions, benchmarked against a broad sample of comparable securitisations;
    - In order to provide observable inputs, the main credit variables have generally been set at their 24-month average values;
  - The discount rates are set by the Board and are either derived from average credit spreads for debt securities with a comparable risk/reward profiles or are discretionary in more complex situations such as Lusitano 5;
  - The exercise by the originator of optional termination clauses (time or clean-up calls) is assessed on a case-by-case basis.
- ► The forecast cash flows have been prepared by Cartesia using internally developed models.



## **Valuation summary**

- ▶ The EETI portfolio is valued at EUR 9,599k at 31/12/2020.
- Write-downs net of revaluations over the year totalled close to EUR 1.45m, driven by the following adjustments:
  - The full write-off of Pastor 4, whose recovery potential appears increasingly unlikely given the deterioration in credit performance in 2020;
  - The postponement of the clean-up call assumption on Pastor 2 by two years;
  - A modest revaluation at year-end of Lusitano 5 based on the expected resumption of residual cash flows in Q1 2021.

### Portfolio book value at 31/12/2020

(EUR 000s)	-		Book Value a	at 31/12/2020		
Investments	Country	Net Present Values	Total Forecast Cash Flow	Discount Rate	Q4 2020 (Markdown)/ Revaluation	2020 (Markdown)/ Revaluation
Pastor 2	Spain	4,517	5,003	5.3%	(490)	(556)
Pastor 3	Spain	0	0		0	0
Pastor 4	Spain	0	0		(1,092)	(1,529)
Pastor 5	Spain	0	0	_	0	0
Lusitano 5	Portugal	5,082	12,661	30.0%	136	(185)
TOTAL		9,599	17,664	18.4%	(1,446)	(2,270)

Note: Book values above are indicated without accrued interests.

EETI also holds interests in Sestante 4D as well as in the subordinated bonds issued by Citrine Finance Ltd referencing the residuals of the Sestante 2, Sestante 3 and Lusitano 4 securitisations. These bonds are fully written off and considered irremediably impaired; Citrine Finance has been put in liquidation.



# Net present values at different discount rates

(EUR 000s)

Net present value	Net present values at different discount rates (at 31/12/2020)								
Discount Rate	Pastor 2	Pastor 3	Pastor 4	Pastor 5	Lusitano 5	Total			
3.50%	4,671	-	-	-	11,055	15,117			
5.32%	4,511	-	-	-	10,339	13,993			
7.50%	4,329	-	-	-	9,572	12,797			
10.32%	4,111	-	-	-	8,704	11,455			
15.00%	3,783	-	-	-	7,516	9,637			
20.00%	3,474	-	-	-	6,515	8,121			
30.00%	3,129	-	-	-	5,082	6,315			
Valuation	4,511	-	-	-	5,082	9,593			

Cash flow multiples at different discount rates (total o	'cash flow / net present value'
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Discount Rate	Pastor 2	Pastor 3	Pastor 4	Pastor 5	Lusitano 5	Total
3.50%	1.1x		-	-	1.1x	1.17x
5.32%	1.11x			-	1.22x	1.26x
7.50%	1.16x		•	-	1.32x	1.38x
10.32%	1.22x		•	-	1.45x	1.54x
15.00%	1.32x		-	-	1.68x	1.83x
20.00%	1.44x		•	-	1.94x	2.18x
30.00%	1.60x			-	2.49x	2.80x
Valuation	1.11x			-	2.49x	1.84x

Note: Values in the table above may differ marginally from the ones indicated on the previous page due to exclusion of accrued interest.



# Historical cash flow

			Spain		Portugal	Italy		NL		Germany	France	UK			
(EUR 000s)	Pastor 2	Pastor 4	Pastor 5	Lusitano 3	Lusitano 5	Sestante 4	Memphis	Shield	Gems	Semper	Minotaure	Ludgate	Quarterly	Annual	Cumulative
HISTORICAL													CF	CF	CF
Q3 2009	86		-	59	77	-	92	170	25	156	213	13	891		
Q4 2009	430	_	_	34	75	-	87	163	19	148	210	-	1,166	2,057	2,057
Q1 2010	337		_	-	0	-	85	158	18	146	190	26	960	2,00.	2,00.
Q2 2010	235	_	_	75		_	85	154	17	148	233	6	952		
Q3 2010	59	-	_	205	-	-	84	155	18	150	264	6	940		
Q4 2010	160		_	_	-		87	161	20	150	216	8	802	3,655	5,712
Q1 2011	316		-	85	-	-	89	164	22	151	132	10	968	0,000	0,2
Q2 2011	385	_	_	529	_	25	88	160	23	158	214	13	1,595		
Q3 2011	222	_	_	350	_	25	91	169	27	163	249	11	1,307		
Q4 2011	169		_	273	_	19	95	7,810	28	162	177	11	8,746	12,616	18,328
Q1 2012	235			487		20	95	7,010	27	159	189	2	1,215	12,010	10,520
Q2 2012	170	_	_	388	_	15	4,081		22	149	134	2	4,961		
Q3 2012	91	_	_	282		14	4,001		17	147	99	5	655		
Q4 2012	7	-	-	-	-	11			12	139	-	5	175	7,006	25,334
Q1 2013	7		-	- 5		11			11	137		7	178	7,000	25,554
Q2 2013	- '	-	-	-	-	13			12	6,093	_	14	6,131		
Q2 2013 Q3 2013		-	-	203	-				11	0,093	-	14	255		
Q3 2013 Q4 2013	14		-	110	-	12 11			12			14	134	6,698	32,032
Q1 2014				183		10			12			4	209	0,030	32,032
	-	-													
Q2 2014	-	-	-	78	-	12			13			291	394		
Q3 2014	-	•	-	247	-	13			13		-	577	850	0.047	04.040
Q4 2014	29 4		-	237 114	-	12 11			11			575	864 595	2,317	34,349
Q1 2015	-								10			456			
Q2 2015	4	-	-	110	-	11			9		-	479	614		
Q3 2015 Q4 2015	3		-	71 102	-	13 13			9			541 331	637 455	2,301	36,650
Q1 2016			-	179	-	15			5,007			416	5,617	2,301	36,630
		-							5,007						
Q2 2016	8	-	-	219	-	13					-	432	672		
Q3 2016			-	98	-	14 9					-	366	477	7.507	44.477
Q4 2016				393								358	761	7,527	44,177
Q1 2017	-	-	-	158	-	-					-	273	432		
Q2 2017	-	-	-	200	-	13					-	368	581		
Q3 2017	-	-	-	189	-						-	480	669		
Q4 2017	3	-	-	395	-							280	677	2,359	46,536
Q1 2018	0	-	-	308	-						3,410	4,922	8,640		
Q2 2018	0	-	-	233	-								233		
Q3 2018	1	-	-	210	-								210		
Q4 2018				346									346	9,430	55,966
Q1 2019	1			184									185		
Q2 2019	1			409									410		
Q3 2019	1			305									306		
Q4 2019				1,749									1,749	2,650	58,616
Q1 2020	0			25	-							1	25		
Q2 2020	-			-	-								-		
Q3 2020	-			-	_								-		
Q4 2020													-	25	58,641



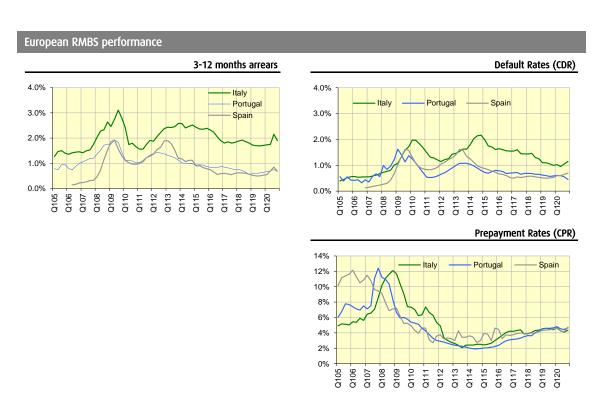
## **Forecast cash flow**

Cumulative CF		5,003	-	-	-	12,661	17,664		
% Total		28.3%	0.0%	0.0%	0.0%	71.7%	100.0%		
							Quarterly	Annual	Cumulative
							CF	CF	CF
04.0004									
Q1 2021	1	-				233	233		233
Q2 2021	2	-				338	338		571
Q3 2021	3	-				338	338		909
Q4 2021	4	-				313	313	1,222	1,222
Q1 2022	5	-				259	259		1,481
Q2 2022	6	-				316	316		1,796
Q3 2022	7	-				296	296		2,093
Q4 2022	8	5,003				326	5,329	6,200	7,422
Q1 2023	9					303	303		7,725
Q2 2023	10					337	337		8,063
Q3 2023	11					426	426		8,489
Q4 2023	12					425	425	1,492	8,915
Q1 2024	13					398	398		9,313
Q2 2024	14					451	451		9,764
Q3 2024	15					447	447		10,211
Q4 2024	16					444	444	1,741	10,656
Q1 2025	17					442	442	-	11,098
Q2 2025	18					440	440		11,538
Q3 2025	19					436	436		11,973
Q4 2025	20					489	489	1,807	12,462
Q1 2026	21					487	487	,	12,949
Q2 2026	22					485	485		13,434
Q3 2026	23					481	481		13,915
Q4 2026	24					479	479	1,932	14,394
Q1 2027	25					477	477	-,	14,871
Q2 2027	26					2,793	2,793		17,664
Q3 2027	27					2,700	2,733		17,664
Q4 2027	28						-	3,270	17,664



## **European RMBS performance update**

- ► The combination of payment holidays and furlough / income support measures introduced across the EU to cushion the impact of the pandemic have worked well, so far, in minimizing the rise in arrears and defaults in 2020.
- ▶ Depending on the strength of the rebound in 2021, loans benefiting from payment holidays could however struggle to reperform once the exceptional measures are withdrawn.
  - Among the transactions held by EETI, this is more of a concern in Portugal than in Spain, as 15% to 20% of Portuguese mortgage loans benefit from a partial or total moratorium, including in Lusitano 5, while it hardly exceeds 1.5% in seasoned Spanish RMBS.
- ▶ Note that some transactions have experienced an increase in prepayments towards the end of the year which may partly reflect loan restructurings exceeding the terms of the RMBS documentation and forcing originators to repurchase affected loans.



Sources : Cartesia, Trustee reports.



2 PASTOR INVESTMENTS (SPANISH SECOND LOSS)

## **Fact sheet**

EETI Investments:	<ul> <li>► Pastor 2: 100% of the EUR 5,000,000 subordinated loan at EUR 3M + 0.35% p.a.</li> <li>► Pastor 3: 100% of the EUR 9,000,000 subordinated loan at EUR 3M + 2.50% p.a.</li> <li>► Pastor 4: 100% of the EUR 5,500,000 subordinated loan at EUR 3M + 2.50% p.a.</li> <li>► Pastor 5: 33.3% of the EUR 10,500,000 Class D Notes at EUR 3M + 4.50% p.a.</li> </ul>					
Position:	<ul> <li>Second-loss position</li> <li>First loss (residual) held by the originator Banco Pastor (now part of Santander)</li> <li>Unpaid interests accrue and remain a liability of the securitisation fund until termination</li> </ul>					
Spread:	Swap with Banco Pastor guarantees a spread after notes margin and fees of:  ► Pastor 2: 0.40% p.a.  ► Pastor 3: 0.40% p.a.  ► Pastor 4: 0.40% p.a.  ► Pastor 5: 0.60% p.a.					
Principal CF drivers:	<ul> <li>► CDR (annualised default rate)</li> <li>► Recovery lag</li> <li>► Loss severity</li> </ul>					

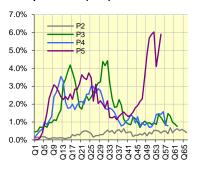
## **Collateral profile**

#### Key characteristics Р5 P2 Р3 P4 Key deal information Banco Pastor (now part of Santander) Issuer 06-2007 Issue date 06-2004 06-2005 06-2006 200 176 Months since issue 188 164 **EURm** Issue size (OB) 1,000 1,000 920 711 Current size (CB) **EURm** 71 113 154 179 % OB 7% 11% 17% 25% 2,169 2,128 2.075 2.341 Count **EURk** 66 83 Avge balance 33 55 % Non-residential 14% 0.40% Guaranteed spread % CB 0.40% 0.40% 0.60% to securitisation through swap Plus: Notes interest & Fees % CB 1.37% 0.72% Initial spread on loans 0.56% 1.52% 1.48% 1.56% 1.41% Current spread on loans % CB 1.61% Collateral composition LTV: 61% 67% 64% 65% At issue Last Q 24% 35% 36% 40% Vintage: <=2002 57% 2003 43% 8% 0% 2004 92% 9% 1% 2005 91% 8% 2006 90% Region: Madrid 22% 16% 16% 19% Catalunya 29% 36% 24% 28% Valencia 5% 8% 11% 7% Andalusia 7% 7% 9% 10% Galicia 15% 13% 17% 15% Others 23% 20% 24% 20% Transaction performance Average CPR: Since issue % CB 7.1% 6.7% 5.6% 4.5% Last 24M % CB 5.1% 4.6% 4.8% 4.4% Last 12M % CB 4.3% 4.8% 4.2% 4.5% % CB 3.7% 6.6% 4.9% 7.9% Arrears: <=1M ]1-3M] % CB 0.4% 1.4% 0.4% 1.1% 3-12M % CB 0.4% 0.8% 0.8% 2 0% Total % CB 4.4% 8.4% 7.1% 10.4% Cumulative defaults **EURm** 10.9 89.1 96.6 71.7 % OB 8.9% 10.5% 10.1% 1.1% Default Rate (CDR): Since issue % CB 0.3% 1.9% 1.8% 1.9% % CB 0.4% 0.8% 0.7% 0.9% Last 24M 0.5% Last 12M % CB 0.4% 1 1% 1 3% Cumulative recoveries **EURm** 5.3 11.5 22.9 19.9 As a % of cumulative defaults 48.9% 22.4% 11.9% 32.0% **EURm** 4 95 (46.1)(37.5)(32.1)Reserve amount % CB 6.9% -40.7% -24.5% -17.9% Reserve % Reserve drawn? Yes Yes Yes Yes

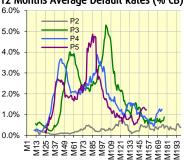
#### Collateral performance

Months or Quarters since issue

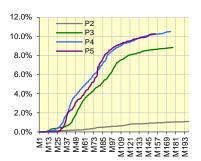
#### 90-day + Arrears (%CB)



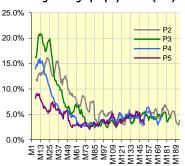
12 Months Average Default Rates (% CB)



#### Cumulative defaults (% OB)



6M trailing average prepayments (CPR)



Sources: Cartesia, Trustee reports.

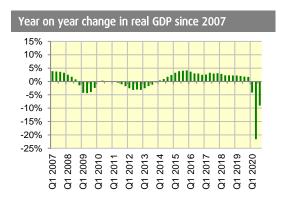


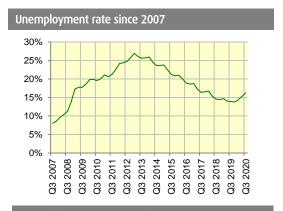
## Macroeconomic update

- ► Spanish GDP is expected to contract by 12% in 2020, after an initial drop of close to 15% in the first semester. The rebound in Q3 following the lifting of confinement measures has been relatively solid, but renewed restrictions on movements introduced in Q4 have dampened the surge in activity.
  - Current forecast for 2021 and 2022 point to growth of 5.4% and 4.8% respectively but could be revised based on the course of the pandemic and the rollout of the vaccines.
- Activity has been strongly supported by fiscal spending with budget deficit expected to reach 12.2% in 2020, leading to a ballooning sovereign debt to GDP ratio of 120% vs. 98% at year-end 2019.
  - Current forecasts assume a continued strong fiscal expansion in 2021 and 2022, with deficits of 9.6% and 8.6% respectively; owing to expected GDP growth, the debt to GDP ratio should however only modestly increase to 124% by end 2022.
- ► Exceptional job support measures as well as restrictions on regional movements (as opposed to the wholesale closure of parts of the service sector) have dampened the rise in unemployment, which stood at 16.3% at the end of Q3 vs. 13.8% at year-end 2019.
- ► Real estate transactions on residential housing have dropped by about 18.5% in 2020 (based on figures until Q3), owing to the difficulty in completing transactions as well as to the general uncertainty.
- ► Residential real estate prices have nonetheless held up well with an average price increase of about 1.5% in 2020 (based on Q3 figures).
  - This rise derives however almost entirely from new construction prices, up 7.5% nationally, while
    the price of existing inventory has remained almost flat (+0.8% nationally).
  - This pattern is observed in the main cities and across the largest regions.
- ► The country's sovereign debt ratings have remained unchanged at A, A- and Baa1 at S&P, Moody's and Fitch respectively, with only S&P changing its outlook to negative.
- ▶ Owing the ECB's bond buying program and support, the yield on the 10-year benchmark bond closed the year at 0.03%, a 0.40% tightening vs. year-end 2019; the spread to German sovereign bonds is unchanged at 0.60%;
  - During the strong volatility of the first confinement, yields on the 10-year bond peaked at 1.71%, and the spread to the German sovereign at 1.43%.



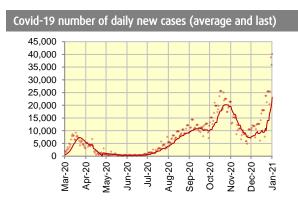
## Macroeconomic update (Cont'd)











 $Sources: Cartesia, \ Eurostat, \ Spanish \ National \ Institute \ of \ Statistics, \ Statista.$ 

## **Transaction performance**

#### **PASTOR 2**

- ► The transaction has continued to perform solidly, in line with expectations, despite a very modest drawdown on the reserve at quarter-end.
- ► The loan balance currently stands at 7.1% of its original amount but Banco Santander, which now owns Banco Pastor, has not yet exercised the 10% clean-up call, which would trigger the repayment in full of the EUR 5m position held by EETI, and the termination of the transaction.
  - Despite the pandemic, some clean-up calls have continued to be exercised, albeit belatedly, and the market expectation remains that clean-up calls will be exercised at some stage, especially in if the low interest rate environment prevails;
  - Based on available data, Santander has a track record of exercising clean-up calls on RMBS with a delay ranging from several quarters to several years for RMBS issued by non-core holdings (UCI, Pastor).
- ► There is almost no uncertainty on the eventual repayment in full of the EUR 5m position held by EETI. The outstanding question relates to the timing of repayment upon exercise of the clean-up call.
- ► The position is valued assuming the exercise of the clean-up call in Q4 2022, a two-year delay compared to the assumption taken in the previous quarterly valuation. This translates into a markdown of EUR 490k and year-end book value of EUR 4,517k.

#### **PASTOR 4**

- ► The credit performance of Pastor 4 has deteriorated over the past year, with the 12-month average default rate more than doubling from 0.5% to 1.2%, well above the level of available excess spread.
- ► The pace of recoveries on outstanding defaults has modestly increased this year to EUR 330k but remains very low in absolute terms.
  - In addition, the loss severity on completed workouts has continued to increase from 41.7% to 46.4% due to the limited change in reperforming loans (+4 loans in 2020) and the rise in loss severity on foreclosures (from 66.6% to 69.2%).
- ▶ At this point, the principal deficiency amount remains substantial at EUR 37.5m in Q4 2020, representing 24.5% of the performing loan balance. The required jump in recoveries on defaulted loans combined with a decrease in loss severity appears increasingly unlikely in the current context.
- ► The position has therefore been fully written off in Q4 2020, translating into a markdown of EUR 1,092k.

#### PASTOR 3 AND 5

- ► The credit performance of both transactions has remained flat or has modestly deteriorated from an already weak starting point in 2019.
- Recoveries on defaulted loans have nonetheless remained comparatively high in both cases with Pastor 3 receiving proceeds of EUR 1m and Pastor 5 of EUR 5.3m. The principal deficiency amount in both transactions has slightly decreased but remains too high to be absorbed by available excess spread or foreclosure proceeds.
  - In Pastor 3, the principal deficiency amount has declined from EUR 47.5m to EUR 46.1m and represented at year-end 36% of the outstanding performing loan balance;
  - The principal deficiency in Pastor 5 amounted to EUR 29.8m at year-end (vs. EUR 32.7m a year ago), around 18% of the performing loan balance.
- The reperformance of these two positions remains unlikely over the lifetime of the transactions and they continue to be fully written off at year-end.

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## Transaction performance (Cont'd)

#### **AVAILABLE DATA ON LOSS SEVERITY**

#### Pastor 2

- ► The loss severity on completed work-outs has remained low at 15.6%, reflecting a very high overall reperformance rate of around a third of all defaulted loans. which cushions the impact of the loss severity on the small amount of loans which have undergone a full foreclosure process.
- Based on servicer estimates, the loss severity on defaulted loans in which work-outs are in progress should be below 20%
- ► As past servicer indications have tended to underestimate losses as appraisal values were partly out of date and/or expenses were not fully factored in estimates, the loss severity assumptions of 40% for Pastor 2 has been maintained.

#### **Other Pastor transactions**

- ▶ The overall loss severity on completed work-outs has deteriorated in the other transactions as the number of reperforming loans has hardly changed (+4 and +5 loans respectively in Pastor 3 and 4) and the loss severity on completed foreclosures has increased further to a 70-74% range.
  - The number of these completed foreclosures has also grown by 25-30% over the past year.
- Servicer estimates point to average loss severities of around 20% on work-outs in progress, which, if they materialised alongside a sustained increase in the pace of recoveries, could change the outlook of the Pastor 3, 4 and 5 positions held by EETI.

#### Pastor 2 to 5 - Completed Work-Outs of Defaulted Loans (including Reperforming)

(EUR millions)

		Reperfo	orming (A)	ning (A) Foreclosed &		& Sold (B)	Tota		Completed Work-Outs (A+B)	
										Completed
										Work-Outs as
		Debt	Loss		Debt	Loss		Debt	Loss	% of Total
	Count	Amount	Severity	Count	Amount	Severity	Count	Amount	Severity	Defaults
Pastor 2	43	4.2	0.0%	16	1.4	60.4%	59	5.6	15.6%	45.7%
Pastor 3	147	14.7	0.0%	188	24.1	73.4%	335	38.8	45.7%	42.8%
Pastor 4	114	11.1	0.0%	154	22.6	69.2%	268	33.6	46.4%	35.0%
Pastor 5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

#### Pastor 2 to 5 - Work-Outs in Progress

(EUR millions)

_	Already Repossessed (C)		Not Repossessed (D)				Total Work-Outs in Progress (C+D)			
										Work-Outs in
										Progress as %
		Debt	Est. Loss		Debt	Est. Loss		Debt	Loss	of Total
	Count	Amount	Severity	Count	Amount	Severity	Count	Amount	Severity	Defaults
Pastor 2	10	0.8	13.3%	60	3.3	0.0%	70	4.2	2.7%	54.3%
Pastor 3	195	22.0	36.5%	252	23.5	0.0%	447	45.5	17.7%	57.2%
Pastor 4	239	30.4	37.8%	259	29.0	0.0%	498	59.4	19.3%	65.0%
Pastor 5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Note: Cumulative defaults since issue in each transaction is equal to the sum of items (A), (B), (C) and (D).



## **Main valuation assumptions**

#### **DEFAULT RATE (CDR)**

► Change to 0.36% p.a. for Pastor 2 and 0.9% p.a. in line with 24-month average default rates.

#### **RECOVERY LAG**

- ► <u>Existing defaults:</u> Accelerating recoveries over an 8-year period given the substantial backlog of outstanding defaults.
- ▶ New defaults: Recovery lag of 3.5 years (14 quarters).

#### LOSS SEVERITY

▶ 40% for Pastor 2

#### PREPAYMENT RATE (CPR)

- ► Starting CPR equal to the 24-month average for each transaction of 5.0% and 4.9% for Pastor 2.
- ▶ Upward sloping thereafter by 0.2-0.4% p.a.

#### **EURIBOR FORWARD CURVE**

► Euribor 3-month forward curve.

#### **MATURITY**

▶ Pastor 2: Exercise of the 10% clean-up call in Q4 2022.

### Comparison of revised and previous key assumptions

		CDR	Lag	Severity	CPR
Pastor 2	New	0.36%	3.5 yrs	40%	Starting point of 5.0%.
					Thereafter: + 0.4% p.a.
	Previous	0.36%	3.5 yrs	40%	Starting point of 5.3%.

Note: Recovery lag stated in the table is for new defaults. Existing un-foreclosed defaults are assumed to be recovered over a 7-year period. Assumptions for the Pastor 3 and 5 positions are not depicted as the positions are written-off.

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## Pastor 2 - Valuation and CF summary

(EUR 000s)

#### Period CF IPD Q CF 0 03-2021 1 06-2021 2 0 09-2021 0 3 12-2021 0 0 03-2022 5 06-2022 6 0 09-2022 7 0 12-2022 8 5,003

(EUR 000s)

30 1 4			1.	
Valuati	ion at d	ifferent (	discollin	r ratoc

discount rate	Value at 31/12/2020
0.00%	5,003
5.00%	4,544
5.32%	4,516
10.00%	4,145
12.00%	4,000

Net present value depending on the clean-up call date

Clean-Up	%	
Call Date	Balance	NPV
Q1 2021	7.2%	4,943
Q2 2021	6.9%	4,879
Q3 2021	6.6%	4,815
Q4 2021	6.3%	4,754
Q1 2022	6.0%	4,693
Q2 2022	5.6%	4,632
Q3 2022	5.3%	4,572
Q4 2022	5.0%	4,516
Q1 2023	4.7%	4,462
Q2 2023	4.4%	4,408
Q3 2023	4.1%	4,355
Q4 2023	3.8%	4,252
Q1 2024	3.5%	4,200
Q2 2024	3.2%	4,150
Q3 2024	2.9%	4,101
Q4 2024	2.6%	4,006
Q1 2025	2.3%	3,913
Q2 2025	2.0%	3,868
Q3 2025	1.7%	3,778
Q4 2025	1.4%	3,692

Note: Net present values above include accrued interest. Net present values depending on the clean-up call date calculated with an IRR of 5.32%.



3 LUSITANO INVESTMENT (PORTUGUESE FIRST LOSS)



# **Summary fact sheet**

EETI Investments:	► <u>Lusitano 5:</u> 27.7% of the Class E Notes (par value of EUR 3,300k)
Position:	➤ First loss position entitled to all profit on the interest waterfall as well as to the reserve amount at termination.
Pool spread:	► <u>Lusitano 5:</u> 0.91% p.a. (before notes interest and cost of credit)
Principal CF drivers:	<ul> <li>► CDR / defaults</li> <li>► Recovery lag</li> <li>► Loss severity</li> <li>► CPR</li> </ul>
Clean-up call / Maturity:	Current valuations assume exercise of the 10% clean-up call.

## **Collateral profile**

Sue   Banco Espirito Santo (now Novo Banco	0)
Issuer         Banco Espirito Santo (now Novo Banco Issue date         09-200           Years since issue         1           Issue size (OB)         EURm         1,40           Current size (CB)         EURm         38           % OB         27	4
Issue date         09-200           Years since issue         1           Issue size (OB)         EURm         1,40           Current size (CB)         EURm         38           % OB         27	4
Years since issue         1           Issue size (OB)         EURm         1,40           Current size (CB)         EURm         38           % OB         27	
Issue size (OB)         EURm         1,40           Current size (CB)         EURm         38           % OB         27	)6 <b>[</b>
Issue size (OB)         EURm         1,40           Current size (CB)         EURm         38           % OB         27	4
% OB 27	0
	4
Current loan count 9 92	%
0,0Z	3
Avge loan balance EURk 38,71	7
Issue spread %CB 1.04	%
Current spread ex-compensation %CB 0.82	%
Current spread with compensation %CB 0.92	%
Collateral composition	٦
WA LTV at issue 72.4	%
WA Current LTV (est.) 42.0	%
Vintage <=2002 18	%
,	%
2004 10	- 1
2005 47	- 1
2006 21	%
(at issue) Norte 26 Centro 16	
	% %
•	% %
<u> </u>	% %
Transaction performance	/0
CPR Since issue %CB 3.8	<u>"</u>
Last 24M %CB 4.6	- 1
Last 12M %CB 4.5	- 1
Arrears ]1-3M] %CB 1.1	_
3-12M %CB 0.8	- 1
Total 1.9	_
CDR Since issue %CB 1.09	_
Last 24M %CB 0.37	<sub>%</sub>
Last 12M %CB 0.27	- 1
Cumulative gross defaults EURm 125.	_
% OB 8.9	- 1
Cumulative recoveries EURm 67.	_
As a % of cumulative defaults % 53.6	1
Reperforming defaulted loans EURm 24.	
As a % of cumulative defaults % 19.8	- 1
	.4
%CB 1.67	- 1
	es

#### Note:

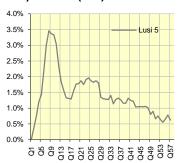
Reperforming defaulted loans are loans which have been defined as defaulted since issue (i.e. due to arrears exceeding 12 monthly instalments) but who, at the report date, no longer present any arrear or whose remaining arrears do not exceed 3 monthly instalments. Note that these loans remain included in the cumulative defaults figure.

Sources: Cartesia, Trustee reports.

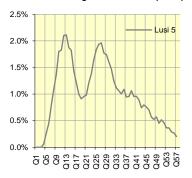
### Collateral performance

Quarters since issue

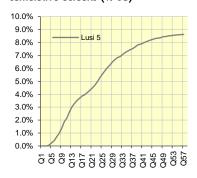
#### 90-day + Arrears (%CB)



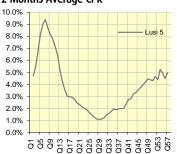
#### 12 Months Average Default Rate (% CB)



### Cumulative defaults (% OB)



#### 12 Months Average CPR



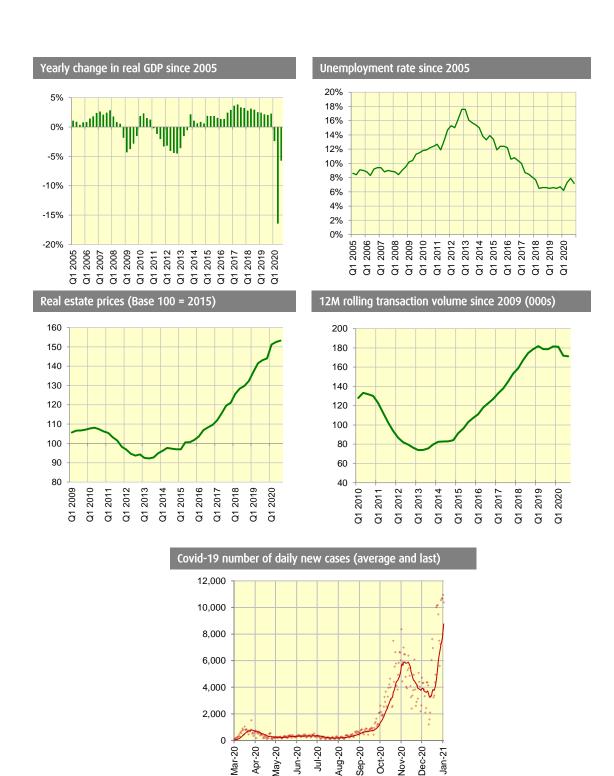
Cartesia

## Macroeconomic update

- ▶ GDP is expected to contract by 9.3% in 2020 with current forecast pointing to a growth rate of 5.4% in 2021 and 3.5% in 2022, prior to any adjustment for the current sharp deterioration in the number of coronavirus cases.
- Government support measures and reduced tax income have led to a budget deficit of 7.3% of GDP in 2020 (after a budget surplus in 2019), with the sovereign debt to GDP ratio reaching 135% at yearend.
- Despite the pandemic, unemployment has risen only modestly to approx. 8.0% owing to government employment support. Portugal has also mandated a wide-ranging moratorium on the debt service of consumers loans, notably mortgage loans, which has helped contain delinquencies.
  - In the case of Novo Banco, close to 20% of mortgage and consumer loans benefit from a moratorium on at least a portion of monthly instalments.
- ▶ In that context, residential real estate prices have continued to rise in 2020 by approx. 6.0% amidst only a very modest drop in transaction volume (based on Q3 data).
- ► Sovereign ratings are unchanged at BBB, Baa3 and BBB at Standard & Poor's, Moody's and Fitch respectively. Moody's has maintained its outlook at "Positive", pointing to a potential upgrade, but the two other agencies have reverted to a "Stable" rather than "Positive" outlook.
- After a significant increase in spring, during the first confinement, Portuguese yields on the benchmark 10-year sovereign bond have fallen to 0.05% at year-end, significantly below the level of 0.46% at year-end 2019 and the high of 1.56% reached in April 2020.
  - The spread to the 10-year German sovereign at year-end is 0.62%, unchanged from a year before;
     the peak spread reached in April 2020 was of 1.56%;
  - Yields are unlikely to change significantly as long as the ECB maintains its unequivocal support and unprecedented bond buying program.



# Macroeconomic update (Cont'd)



Sources : Cartesia, Eurostat, Portuguese National Institute of Statistics, Statista.

## **Transaction performance**

#### **COLLATERAL PERFORMANCE**

- ► The Lusitano 5 transaction has continued to perform strongly throughout 2020:
  - The annual default rate stands at 0.27%, 0.2% below the level of 2019;
  - Recoveries on defaulted mortgage loans were roughly half the level of 2019 at EUR 3.6m, most likely related to a pandemic-induced slowdown; but still substantial;
  - Loss severity on disposals completed in 2020 have fallen to 15%, leaving the weighted average loss severity since issue at 9%.
- ► The impact of the pandemic has been so far largely shielded by a broad government-mandated moratorium on all or part of mortgage and consumer loans.
  - In Lusitano 5, 16% of loans by count and 19.2% by amount benefited at year-end from such payment holidays and it is uncertain to what extent all of these loans will reperform once the moratorium expires;
  - Some analysts expect a rise in delinquencies in 2021 across Portuguese RMBS to a level of 3% to 5%.

#### PRO RATA TRIGGER MET & RESUMPTION OF RESIDUAL CASH FLOWS

- ► This positive performance trend has enabled to replenish the transaction reserve up to an amount of EUR 6.4m (vs. EUR 3.8m at year-end 2019), a level that the transaction Trustee (Citi) has now determined to be sufficient for the transaction to meet all positive triggers.
  - The Trustee has actually changed its determination of the minimum required level of the reserve at the October 2020 payment date.
  - Over the past decade, the Trustee had indicated in every report that the required reserve level
    was EUR 11.9m, corresponding to the minimum level at the time the reserve was first drawn in
    2010. Following that determination, the reserve would have been immediately released down to
    a level equal to 1.7% of the rated notes, as defined in the prospectus;
  - In the October 2020 report, the Trustee determined that the reserve did not require to meet its original EUR 11.9m amount, but that the minimum level of 1.7% of the rated notes outstanding would apply immediately. That minimum level will be met in Q1 2021.
- Consequently, rated notes will start amortising on a pro rata basis and cash flows to the residual Class E notes held by EETI will resume at the Q1 2021 payment date.
- ▶ On that basis, the forecast cash flows from the position will be brought forward by 5 quarters compared to the previous forecast.
  - EETI should receive approx. EUR 240k in Q1 2021;
  - Over the rest of the year 2021, additional cash flows could amount to EUR 300-300k per quarter.



## Transaction performance (Cont'd)

#### POTENTIAL EXERCISE OF THE TIME CALL

- As previously indicated, the originator of the transaction has the option to call the deal and repay the notes in full at every quarterly payment date. This option has been available since 2015 on Lusitano 5
- ➤ Since the 2008 2013 financial and Eurozone crises, no time call had been exercised by Portuguese banks as their funding cost as well as weak capital position made it uneconomical to do so. In a significant shift, several Portuguese originators (BES/Novo Banco, BPI, BCP) exercised some, but not all, time calls on older RMBS, including Lusitano 2 and 3, in the summer of 2019, when market conditions were particularly favourable.
  - No time call on Portuguese RMBS has been exercised since Q3 2019.
- ► The risk of a rapid exercise of the time call cannot be ruled out, although the weak capital position and the current economic turmoil should reduce its likelihood in the short term:
  - In the event of the exercise of the time call, EETI would receive a minimum amount of EUR 3.3m, corresponding to its share of the nominal amount of the Class E notes, as well as any residual amount owed until that date;
  - If the transaction ran to clean-up call in 2027, total cash flow would amount to EUR 12.6m.
  - Current bids and marks from dealers on the rated bonds of Lusitano 5 are still based on the
    assumption of a survival of the transaction for several years and certainly not on a rapid
    termination further to the exercise of the time call.
- ► The transaction remains valued on the basis of forecast cash flow until maturity discounted at a rate of 30% to account for the uncertainty posed by the time call option.



## Main valuation assumptions

#### **VALUATION HORIZON & DISCOUNT RATE**

► The position is valued on the basis of the exercise of the clean-up call but discounted at an elevated discount rate of 30%.

#### **DEFAULT RATE (CDR)**

► <u>Lusitano 5:</u> 0.45% p.a., corresponding to a worsening of the trend indicated by the 24-month average of 0.37%, justified by the pandemic-induced shock.

#### **RECOVERY LAG**

- ► Existing un-foreclosed defaults: Recovery lag of 26 quarters;
- ► New defaults: Recovery lag of 10 quarters. As defaults are defined as loans with arrears in excess of 12 months, the recovery lag equates to a 3.5-year time to foreclosure from the first arrear.

#### **LOSS SEVERITY**

▶ Unchanged at 20%.

#### PREPAYMENT RATE (CPR)

▶ <u>Lusitano 5:</u> Starting CPR of 4.6% in line with 24-month average, increasing by 0.4% p.a.

### **EURIBOR CURVE**

► Euribor 3-month forward curve.

#### **MATURITY**

► Exercise of the 10% clean-up call at the first optional date.

#### Comparison of revised and previous key assumptions

		CDR	Lag	Severity	CPR
Lusitano 5	New	0.45%	Existing defaults: 4 yrs New defaults: 2.5 yrs	20%	<b>Starting point: 4.6%</b> Thereafter: + 0.40% p.a.
	Previous	0.38%	Existing defaults: 4 yrs New defaults: 2.5 yrs	20%	<b>Starting point: 4.7%</b> Thereafter: + 0.40% p.a.

Note: Net present values above include accrued interest.

Cartesia

## **Lusitano 5 – Forecast CF and valuation**

### (EUR 000s)

### Period CF

		Class E CF
IPD	Q	Q CF
01-2021	1	233
04-2021	2	338
07-2021	3	338
10-2021	4	313
01-2022	5	259
04-2022	6	316
07-2022	7	296
10-2022	8	326
01-2023	9	303
04-2023	10	337
07-2023	11	426
10-2023	12	425
01-2024	13	398
04-2024	14	451
07-2024	15	447
10-2024	16	444
01-2025	17	442
04-2025	18	440
07-2025	19	436
10-2025	20	489
01-2026	21	487
04-2026	22	485
07-2026	23	481
10-2026	24	479
01-2027	25	477
04-2027	26	2,793

### (EUR 000s)

### Valuation at different discount rates

discount rate	Value at 31/12/2020
0.0%	12,661
15.0%	7,516
20.0%	6,515
25.0%	5,721
30.0%	5,082

### Est. cash flow and NPV depending on termination date

Total Cash Flow	NPV at 30.0%
3,535	3,311
4,642	3,433
5,272	3,557
6,449	3,784
8,220	4,256
10,112	4,651
12,661	5,082
	Cash Flow  3,535  4,642  5,272  6,449  8,220  10,112

4 OTHER POSITIONS

## **Written-off positions**

- ► EETI holds a 40% interest in the most junior notes issued by the leveraged Citrine Finance Ltd vehicle, holding the residuals of the Lusitano 4, Sestante 2 and Sestante 3 RMBS.
  - These vehicles have been liquidated and the positions are written off.
- ► EETI also holds a 40% interest in the residual of the Sestante 4 RMBS, a securitisation of non-conforming Italian mortgage loans;
  - The principal deficiency of the transaction remains substantial and has further increased over the
    past quarters, but recoveries on the substantial amount of unsold foreclosed properties could
    eventually lead to a reperformance of the residual;
  - In the interim, the position is fully written-off.



# Appendix

# Summary of quarterly portfolio assumptions since Q4 2012

### **DEFAULT RATE (CDR)**

																																	CDR
Positions	Q4 2012	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Lusitano 3	0.9%	1.0%	1.2%	1.2%	1.4%	1.4%	1.4%	1.4%	1.3%	1.2%	1.0%	1.0%	0.9%	0.9%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.8%	0.7%	0.7%	0.7%	0.7%	0.6%	0.5%	nm	nm	nm	nm	nm	nm
Lusitano 5	1.3%	1.4%	1.6%	1.7%	1.7%	1.8%	1.8%	1.7%	1.5%	1.4%	1.3%	1.2%	1.2%	1.0%	1.0%	1.0%	1.0%	1.0%	0.9%	0.9%	0.9%	0.9%	0.8%	0.8%	0.7%	0.7%	0.6%	0.5%	0.5%	0.5%	0.5%	0.4%	0.45%
Pastor 2	0.2%	0.2%	0.3%	0.3%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.2%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.36%
Pastor 3	2.4%	2.7%	2.9%	3.4%	3.9%	4.1%	4.0%	3.8%	3.6%	3.6%	3.4%	2.7%	2.1%	1.8%	1.7%	1.7%	1.7%	1.3%	n/a														
Pastor 4	2.2%	2.3%	2.5%	2.6%	3.1%	3.1%	3.0%	3.1%	3.0%	2.8%	2.5%	2.5%	2.3%	2.0%	1.4%	1.4%	1.3%	1.3%	1.3%	1.3%	1.2%	1.3%	1.3%	1.2%	1.2%	1.0%	1.0%	0.9%	0.7%	0.7%	0.9%	1.0%	0.90%
Pastor 5	2.0%	2.1%	1.9%	2.1%	3.1%	3.3%	3.5%	3.6%	3.4%	3.5%	3.5%	3.3%	2.4%	2.1%	1.7%	n/a																	
Minotaure	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.3%	nm											
Ludgate							1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	nm											

Note: For the Minotaure transaction, CDR data corresponds to the annualised loss rate. For the Ludgate transaction, CPR data corresponds to the total redemption rate.



### PREPAYMENT RATE (CPR)

																																	CPR
Positions	Q4 2012	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Lusitano 3	2.5%	2.3%	1.9%	1.8%	1.7%	1.7%	1.6%	1.6%	1.6%	1.7%	1.7%	1.8%	1.8%	1.8%	2.0%	2.2%	2.4%	2.6%	2.8%	3.0%	3.3%	3.7%	4.0%	4.0%	4.1%	4.3%	4.4%	nm	nm	nm	nm	nm	nm
Lusitano 5	2.2%	2.0%	1.8%	1.6%	1.5%	1.4%	1.3%	1.2%	1.2%	1.3%	1.4%	1.6%	1.7%	1.8%	1.9%	2.0%	2.1%	2.3%	2.4%	2.6%	2.8%	3.1%	3.3%	3.6%	3.8%	4.0%	4.1%	4.1%	4.4%	4.5%	4.7%	4.7%	4.6%
Pastor 2	5.1%	4.9%	4.6%	4.6%	4.6%	4.4%	4.3%	4.0%	4.0%	3.9%	3.9%	4.3%	4.4%	4.4%	4.5%	4.4%	4.4%	4.5%	4.5%	4.6%	4.7%	4.8%	4.9%	5.1%	5.4%	5.3%	5.5%	5.5%	5.5%	5.5%	5.3%	5.3%	5.0%
Pastor 3	3.1%	2.9%	3.1%	3.0%	3.0%	3.0%	3.2%	3.1%	3.1%	3.3%	3.2%	3.5%	3.7%	3.8%	3.8%	n/a																	
Pastor 4	3.2%	3.0%	3.0%	2.9%	3.0%	3.1%	3.3%	3.2%	3.4%	3.5%	3.7%	3.7%	3.8%	4.1%	4.1%	4.1%	4.4%	4.4%	4.3%	4.6%	4.6%	4.4%	4.5%	4.2%	4.1%	4.4%	4.7%	4.7%	4.7%	4.7%	4.6%	4.8%	4.9%
Pastor 5	3.3%	2.9%	2.9%	2.8%	2.8%	2.8%	2.9%	2.8%	3.1%	3.0%	3.2%	3.1%	3.3%	3.5%	3.7%	n/a																	
Minotaure	4.6%	4.6%	4.3%	4.1%	4.2%	4.2%	4.3%	4.2%	4.2%	4.3%	4.6%	5.5%	5.2%	5.7%	6.2%	6.7%	7.2%	7.9%	8.2%	8.5%	8.5%	nm											
Ludgate							5.0%	5.2%	6.0%	7.0%	7.0%	7.0%	7.0%	8.0%	####	####	####	####	####	####	####	nm											

### LOSS SEVERITY

																															Lo	ss Se	verity
Positions	Q4 2012	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Lusitano 3	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	nm	nm	nm	nm	nm	nm
Lusitano 5	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
Pastor 2	20%	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
Pastor 3	20%	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	42%	42%	42%	42%	42%	42%	42%	42%	42%
Pastor 4	20%	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	42%	42%	42%	42%	42%	42%	42%	42%	42%
Pastor 5	20%	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	42%	42%	42%	42%	42%	42%	42%	42%	42%
Minotaure	nm																																
Ludgate							30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	nm											



### **RECOVERY LAG**

																																Rec	covery	/ Lag
Positions	Q4 2012	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2107	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Lusitano 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Lusitano 5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Pastor 2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Pastor 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Pastor 4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Pastor 5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Minotaure	nm																																	
Ludgate							4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	nm											



### DISCOUNT RATE

																																	Discour	t Rate
Positi	ions	Q4 2012	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2107	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2109	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Lusita	no 3	10.0%	9.9%	9.8%	9.5%	9.0%	8.8%	8.5%	8.1%	7.9%	7.6%	7.4%	7.3%	7.3%	6.4%	6.4%	6.3%	6.2%	6.2%	6.1%	6.0%	5.9%	5.9%	5.9%	6.0%	6.0%	6.0%	6.0%	5.8%	nm	nm	nm	nm	nm
Lusita	no 5	15.0%	14.9%	14.8%	14.5%	14.0%	13.8%	13.5%	13.1%	12.9%	12.6%	12.4%	12.3%	12.3%	11.4%	11.4%	11.3%	11.2%	11.2%	11.1%	11.0%	10.9%	10.9%	10.9%	11.0%	11.0%	11.0%	11.0%	25.0%	27.5%	30.0%	30.0%	30.0%	30.0%
Past	tor 2	10.0%	9.9%	9.8%	9.5%	9.0%	8.8%	8.5%	8.1%	7.9%	7.6%	7.4%	7.3%	7.3%	6.4%	6.4%	6.3%	6.2%	6.2%	6.1%	6.0%	5.9%	5.9%	5.9%	6.0%	6.0%	6.0%	6.0%	5.8%	5.7%	5.6%	5.6%	5.5%	5.3%
Past	tor 3	15.0%	14.9%	14.8%	14.5%	14.0%	13.8%	13.5%	13.1%	12.9%	12.6%	12.4%	12.3%	12.3%	11.4%	11.4%	11.3%	11.2%	11.2%	11.1%	11.0%	10.9%	10.9%	10.9%	11.0%	11.0%	11.0%	11.0%	10.8%	10.7%	10.6%	10.6%	10.5%	10.3%
Past	tor 4	15.0%	14.9%	14.8%	14.5%	14.0%	13.8%	13.5%	13.1%	12.9%	12.6%	12.4%	12.3%	12.3%	11.4%	11.4%	11.3%	11.2%	11.2%	11.1%	11.0%	10.9%	10.9%	10.9%	11.0%	11.0%	11.0%	11.0%	10.8%	10.7%	10.6%	10.6%	10.5%	10.3%
Past	tor 5	15.0%	14.9%	14.8%	14.5%	14.0%	13.8%	13.5%	13.1%	12.9%	12.6%	12.4%	12.3%	12.3%	11.4%	11.4%	11.3%	11.2%	11.2%	11.1%	11.0%	10.9%	10.9%	10.9%	11.0%	11.0%	11.0%	11.0%	10.8%	10.7%	10.6%	10.6%	10.5%	10.3%
Minota	aure	15.0%	14.9%	14.8%	14.5%	14.0%	13.8%	13.5%	13.1%	12.9%	12.6%	12.4%	12.3%	12.3%	11.4%	11.4%	11.3%	11.2%	11.2%	11.1%	11.0%	10.9%	nm											
Lud	gate							13.5%	13.1%	12.9%	12.6%	12.4%	12.3%	12.3%	11.4%	11.4%	11.3%	11.2%	11.2%	11.1%	11.0%	10.9%	nm											



# **Quarterly portfolio book values since Q4 2012**

		31/12/2012		31/03/2013		30/06/2013		30/09/2013		31/12/2013
(EUR 000s)	Book Value	(Markdown)/ Revaluation								
Lusitano 3	6,070	13	5,947	(266)	5,862	(225)	5,581	(330)	5,803	228
Lusitano 5	2,762	627	2,430	(431)	2,631	116	3,009	206	2,841	(279)
Pastor 2	2,826	(520)	2,863	(24)	2,946	14	3,123	115	3,257	63
Pastor 3	502	(531)	184	(336)	287	97	68	(230)	68	(1)
Pastor 4	2,357	(459)	2,267	(172)	2,376	28	2,528	60	2,272	(344)
Pastor 5	855	23	903	18	1,165	229	1,199	(11)	448	(793)
Minotaure	920	(1,321)	1,010	58	1,070	23	1,131	22	1,190	20
Sestante 4 A1	173	(7)	163	(3)	153	0	150	3	137	(5)
Ludgate										
TOTAL	26,394	(1,142)	25,884	(1,020)	20,608	319	21,059	(113)	20,521	(947)



		31/03/2014		30/06/2014		30/09/2014		31/12/2014
(EUR 000s)	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation
Lusitano 3	5,769	132	6,129	317	6,338	331	6,678	452
Lusitano 5	2,926	81	3,244	224	3,796	448	4,198	282
Pastor 2	3,278	(42)	3,393	45	3,526	62	3,600	34
Pastor 3	0	(70)	0	0	0	0	0	0
Pastor 4	2,324	(13)	333	(2,067)	389	45	665	264
Pastor 5	427	(31)	0	(441)	0	0	0	0
Minotaure	1,245	18	1,308	22	1,338	(13)	1,506	127
Sestante 4 A1	127	0	123	6	105	(7)	85	(10)
Ludgate			6,590	6,590	6,507	281	6,266	132
TOTAL	20,751	186	24,697	3,548	25,647	1,169	26,715	1,300



		31/03/2015		30/06/2015		30/09/2015		31/12/2015
(EUR 000s)	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation
Lusitano 3	6,701	9	7,139	425	7,233	36	7,281	22
Lusitano 5	4,164	(164)	4,402	114	4,609	77	5,348	603
Pastor 2	3,698	35	3,719	(45)	3,853	70	3,916	(5)
Pastor 3	0	0	0	0	0	0	0	0
Pastor 4	494	(192)	680	171	1,293	592	1,386	55
Pastor 5	0	0	0	0	0	0	0	0
Minotaure	1,570	19	1,637	18	1,700	14	1,770	21
Sestante 4 A1	76	1	66	0	64	10	49	(2)
Ludgate	6,345	345	6,139	80	5,883	102	5,654	(71)
TOTAL	26,892	132	27,994	1,084	29,119	1,117	30,344	1,023



		31/03/2016		30/06/2016		30/09/2016		31/12/2016
(EUR 000s)	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation
Lusitano 3	7,552	323	7,716	265	7,543	(195)	7,334	67
Lusitano 5	5,638	134	6,131	338	6,099	(199)	6,162	(105)
Pastor 2	4,070	87	4,137	10	4,209	8	4,282	8
Pastor 3	0	0	0	0	0	0	0	0
Pastor 4	1,489	63	1,454	(76)	1,872	378	1,588	(335)
Pastor 5	0	0	0	0	0	0	0	0
Minotaure	1,890	69	2,027	84	2,168	86	2,083	(144)
Sestante 4 A1	35	0	23	0	9	0		
Ludgate	5,356	(45)	4,759	(313)	4,503	(22)	4,510	243
TOTAL	26,031	631	26,247	309	26,403	56	25,959	(265)



(EUR 000s)		31/03/2017		30/06/2017		30/09/2017	31/12/201		
	Book	(Markdown)/	Book	(Markdown)/	Book	(Markdown)/	Book	(Markdown)/	
	Value	Revaluation	Value	Revaluation	Value	Revaluation	Value	Revaluation	
Lusitano 3	7,269	(17)	7,057	(121)	7,044	70	6,752	(2)	
Lusitano 5	6,350	23	6,658	140	6,633	(202)	6,877	67	
Pastor 2	4,343	(2)	4,414	5	4,477	(3)	4,532	(8)	
Pastor 3	0	0	0	0	0	0	0	0	
Pastor 4	1,609	(21)	1,627	(25)	1,647	(24)	1,487	(203)	
Pastor 5	0	0	0	0	0	0	0	0	
Minotaure	2,130	(9)	2,203	15	2,278	16	3,405	1,067	
Ludgate	4,401	46	4,165	14	3,956	159	4,804	1,023	
TOTAL	26,102	21	26,124	27	26,035	16	27,857	1,944	



(EUR 000s)		31/03/2018		30/06/2018		30/09/2018		31/12/2018
	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation
Lusitano 3	6,736	193	6,635	36	6,543	22	6,401	109
Lusitano 5	7,146	87	7,333	3	7,517	(8)	7,770	53
Pastor 2	4,598	2	4,657	(7)	4,721	(4)	4,787	(2)
Pastor 3	0	0	0	0	0	0	0	0
Pastor 4	1,452	(74)	1,386	(104)	1,361	(62)	1,379	(18)
Pastor 5	0	0	0	0	0	0	0	0
Minotaure	sold	0	sold		sold		sold	
Ludgate	sold	95	sold		sold		sold	
TOTAL	19,932	303	20,012	(72)	20,141	(51)	20,337	142



(EUR 000s)		31/03/2019		30/06/2019		30/09/2019	31/12/2019		
	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	Book Value	(Markdown)/ Revaluation	
Lusitano 3	6,414	100	6,175	77	1,378	(4,581)		351	
Lusitano 5	7,870	(108)	8,214	139	5,317	(3,113)	5,267	(50)	
Pastor 2	4,856	1	4,928	0	4,727	(273)	4,810	5	
Pastor 3	0	0	0	0	0	0	0		
Pastor 4	1,422	7	1,422	(38)	1,403	(57)	1,408	(36)	
Pastor 5	0	0	0	0	0	0	0	0	
TOTAL	20,562	1	20,740	179	12,825	(8,024)	11,485	270	

(EUR 000s)		31-03-20		30-06-20		30-09-20		31-12-20	
_	Book	(Markdown)/	Book	(Markdown)/	Book	(Markdown)/	Book	(Markdown)/	
	Value	Revaluation	Value	Revaluation	Value	Revaluation	Value	Revaluation	
Lusitano 3									
Lusitano 5	4,971	(296)	4,959	(12)	4,946	(13)	5,082	136	
Pastor 2	4,866	1	4,932	0	4,945	(67)	4,517	(490)	
Pastor 3	0		0						
Pastor 4	1,271	(168)	1,064	(239)	1,066	(30)	0	(1,092)	
Pastor 5	0	0	0						
TOTAL	11,107	(463)	10,955	(252)	10,957	(110)	9,599	(1,446)	

# Annual revaluations by position since Q4 2012

(EUR 000s)

					Total (	Markdown	) / Revalua	tion in FY
	2013	2014	2015	2016	2017	2018	2019	2020
Lusitano 3	(593)	1,232	492	460	(69)	360	(4,053)	
Lusitano 5	(388)	1,035	629	169	28	136	(3,132)	(185)
Pastor 2	168	99	55	113	(8)	(12)	(267)	(556)
Pastor 3	(470)	(70)	0	0	0	0	0	0
Pastor 4	(428)	(1,771)	626	30	(273)	(257)	(123)	(1,529)
Pastor 5	(557)	(472)	0	0	0	0	0	0
Semper	(627)	0	0	1	0	0		
Gems	1,014	(995)	1,017	0	0	0		
Minotaure	124	154	72	96	1,089	0		
Ludgate	0	7,003	456	(137)	1,241	95		
TOTAL	(1,762)	6,203	3,356	731	2,008	322	(7,575)	(2,270)

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