## Confidential

# The Board of EETI

VALUATION OF THE INVESTMENT PORTFOLIO AS AT 31/12/2017

February 2018

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 loan portfolios in Spain, Portugal, the UK and France.

- ► This document details the assumptions and model outputs of the quarterly valuation undertaken at 31/12/2017. It forms part of the ongoing monitoring and revaluation of the portfolio.
- ► The primary market for European securitisations has reverted to a healthy level of activity, albeit well below pre-crisis level, but it remains almost exclusively focused on issuance by non-bank actors most notably the finance arms of car manufacturers and specialised managers refinancing LBO loans with RMBS issued by commercial banks almost non-existent.
  - This trend reflects the prevailing regulatory capital rules for insurance companies, the traditional anchor investor of securitisations, which significantly penalize the investment in tranched securitisations.
- Pre-crisis senior and mezzanine positions of European securitisations are actively traded as they offer a yield pick-up compared to other debt instrument and benefit from a scarcity value because their inventory is declining. Deeply subordinated first and second loss positions, such as those held by EETI, remain however illiquid, with limited trading activity and a limited number of comparable transactions.
- ► EETI has nonetheless obtained conditional bids for two positions, Minotaure and Ludgate, shortly after year-end 2017.
  - The bids are conditional upon satisfactory documentary requirements and the disposals are expected to be completed in the course of Q1 2018;
  - In agreement with the auditors of EETI, the expected disposal value of the Minotaure and Ludgate positions has been used as the valuation basis at 31/12/2017.
- ► For the remaining positions held by EETI, 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 been set at their 24-month average values (default rates and prepayment or redemption rates);
  - The discount rates are set by the Board and derived from average credit spreads for traded debt securities providing comparable risk/reward profiles;
  - 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 31/12/2017 at EUR 27,857k excluding accruals.
  - This valuation takes into account the bids received for the Minotaure and Ludgate positions after the balance sheet date;
  - Excluding these two positions, which are scheduled for disposal in Q1 2018, the remaining portfolio is valued at EUR 19,648k excluding accruals, corresponding to the net present value of a total forecast cash flow stream of EUR 27,267k, discounted at the rates set by the Board for each investment.
  - Accrued interest at year-end 2017 amount to EUR 380k.
- Revaluations net of write-downs amounted to EUR 2,008k over the year corresponding principally to the following movements:
  - A EUR 1,241k revaluation of the Ludgate residual position, reflecting the level of the bid received;
  - A EUR 1,089k revaluation of the Minotaure position, equally reflecting the level of the bid received;
  - A write-down on the Pastor 4 subordinated loan of EUR 273k.

Portfolio book v	alue at 31/	12/2017						
(EUR 000s)	-		Book Value	at 31/12/2017				
Investments	Country	Net Present Values	Total Forecast Cash Flow	Discount Rate	Q4 2017 (Markdown)/ Revaluation	2017 (Markdown)/ Revaluation	% Book Value	% Total Cash Flow
Pastor 2	Spain	4,532	5,011	5.9%	(8)	(8)	16.3%	18.4%
Pastor 3	Spain	0	0		0	0	0.0%	0.0%
Pastor 4	Spain	1,487	2,918	10.9%	(203)	(273)	5.3%	10.7%
Pastor 5	Spain	0	0		0	0	0.0%	0.0%
Lusitano 3	Portugal	6,752	8,201	5.9%	(2)	(69)	24.2%	30.1%
Lusitano 5	Portugal	6,877	11,137	10.9%	67	28	24.7%	40.8%
Minotaure	France	3,405	nm	nm	1,067	1,089	12.2%	nm
Ludgate	UK	4,804	nm	nm	1,023	1,241	17.2%	nm
TOTAL		27,857	27,267	8.0%	1,944	2,008	100.0%	100.0%

Note: Book values above are indicated without accrued interest; accrued interest at year amount to an aggregate EUR 380k.

The valuation indicated for the Minotaure and Ludgate positions reflect the level of the bids received by EETI in the context of a sale expected to be completed in Q1 2018.

EETI also holds interests in Sestante 4D as well as in the most 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

The tables below do not include the Minotaure and Ludgate positions scheduled for disposal in Q1 2018

(EUR 000s)

Net present value	Net present values at different discount rates (at 31/12/2017)												
Discount Rate	Pastor 2	Pastor 3	Pastor 4	Pastor 5	Lusitano 3	Lusitano 5	Minotaure	Ludgate	Total				
4.00%	4,680	-	2,261	-	7,173	9,232	-	-	23,346				
5.92%	4,532	-	2,008	-	6,753	8,478	-	-	21,771				
10.92%	4,182	-	1,487	-	5,833	6,879	-	-	18,381				
7.50%	4,417	-	1,823	-	6,437	7,921	-	-	20,598				
10.00%	4,243	-	1,570	-	5,986	7,140	-	-	18,938				
12.50%	4,080	-	1,357	-	5,586	6,462	-	-	17,484				
15.00%	3,926	-	1,176	-	5,229	5,870	-	-	16,202				
Valuation	4,532	-	1,487	-	6,753	6,879		-	19,652				

Discount Rate	Pastor 2	Pastor 3	Pastor 4	Pastor 5	Lusitano 3	Lusitano 5	Minotaure	Ludgate	Tota
4.00%	1.1x	-	1.3x	-	1.1x	1.2x			1.2
5.92%	1.1x	-	1.5x	-	1.2x	1.3x			1.3
10.92%	1.2x	-	2.0x	-	1.4x	1.6x			1.5
7.50%	1.1x	-	1.6x	-	1.3x	1.4x			1.3
10.00%	1.2x	-	1.9x	-	1.4x	1.6x			1.4
12.50%	1.2x	-	2.2x	-	1.5x	1.7x			1.6
15.00%	1.3x	-	2.5x	-	1.6x	1.9x			1.7

Note: Values above do not include accrued interest. Values in the table above differ marginally from the ones indicated on the previous page due to differences in daycount.

# Historical cash flow

(EUR 000s)				Spain		Portugal	France	UK			
	Pastor 2	Pastor 3	Pastor 4	Pastor 5	Lusitano 3	Lusitano 5	Minotaure	Ludgate	Quarterly	Annual	Cumulative
HISTORICAL									CF	CF	CF
Q3 2009	86	-	-	-	59	77	213	13	891		
Q4 2009	430	-	-	-	34	75	210	-	1,166	2,057	2,057
Q1 2010	337	-	-	-	-	0	190	26	960		
Q2 2010	235	-	-	-	75	-	233	6	952		
Q3 2010	59	-	-	-	205	-	264	6	940		
Q4 2010	160	-	-	-	-	-	216	8	802	3,655	5,712
Q1 2011	316	-	-	-	85	-	132	10	968		
Q2 2011	385	-	-	-	529	-	214	13	1,595		
Q3 2011	222	-	-	-	350	-	249	11	1,307		
Q4 2011	169	-	-	-	273	-	177	11	8,746	12,616	18,328
Q1 2012	235	-	-	-	487	-	189	2	1,215		
Q2 2012	170	-	-	-	388	-	134	2	4,961		
Q3 2012	91	-	-	-	282	-	99	5	655		
Q4 2012	7	-	-	-	-	-	-	5	175	7,006	25,334
Q1 2013	7	-	-	-	5	-	-	7	178		
Q2 2013	-	-	-	-	-	-	-	14	6,131		
Q3 2013	14	-	-	-	203	-	-	14	255		
Q4 2013	-	-	-	-	110	-	-	1	134	6,698	32,032
Q1 2014	-	-	-	-	183	-	-	4	209		
Q2 2014	-	-	-	-	78	-	-	291	394		
Q3 2014	-	-	-	-	247	-	-	577	850		
Q4 2014	29	-	-	-	237	-	-	575	864	2,317	34,349
Q1 2015	4	-	-	-	114	-	-	456	595		
Q2 2015	4	-	-	-	110	-	-	479	614		
Q3 2015	3	-	-	-	71	-	-	541	637		
Q4 2015	-	-	-	-	102	-	-	331	455	2,301	36,650
Q1 2016	-	-	-	-	179	-	-	416	5,617		
Q2 2016	8	-	-	-	219	-	-	432	672		
Q3 2016	-	-	-	-	98	-	-	366	477		
Q4 2016	-	-	-	-	393	-	-	358	761	7,527	44,177
Q1 2017	-	-	-	-	158	-	-	273	432		
Q2 2017	-	-	-	-	200	-	-	368	581		
Q3 2017	-	-	-	-	189	-	-	480	669		
Q4 2017	3				395			280	677	2,359	46,536

## Forecast cash flow

The tables below do not include the Minotaure and Ludgate positions scheduled for disposal in Q1 2018 for a total cash consideration of approx. EUR 8.2 million.

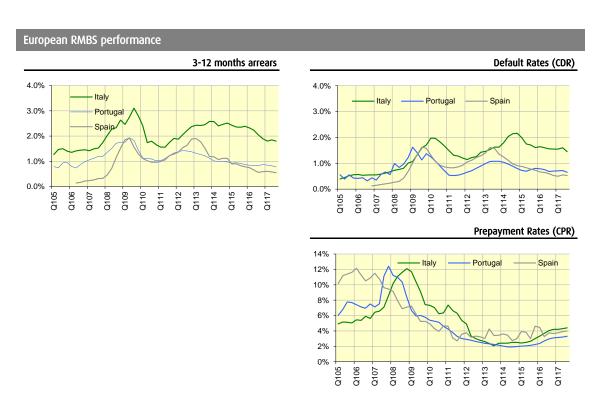
(EUR 000s)	_				Spain		Portugal			
		Pastor 2	Pastor 3	Pastor 4	Pastor 5	Lusitano 3	Lusitano 5			
Cumulative CF % Total		<b>5,011</b> 18.4%	- 0.0%	<b>2,918</b> 10.7%	- 0.0%	<b>8,201</b> 30.1%	<b>11,137</b> 40.8%	27,267 100.0%		
								Quarterly CF	Annual CF	Cumulative CF
Q1 2018	1	1		-		238	-	239		239
Q2 2018	2	1		-		266	-	266		505
Q3 2018	3	1		-		257	-	258		763
Q4 2018	4	2		-		267	-	269	1,032	1,032
Q1 2019	5	2		-		228	-	230		1,262
Q2 2019	6	3		-		240	-	242		1,504
Q3 2019	7	5,003		-		369	-	5,372		6,876
Q4 2019	8			-		366	-	366	6,210	7,242
Q1 2020	9			-		351	-	351		7,594
Q2 2020	10			-		352	-	352		7,946
Q3 2020	11			-		474	-	474		8,420
Q4 2020	12			-		517	566	1,082	2,260	9,503
Q1 2021	13			-		517	2,404	2,921		12,424
Q2 2021	14			-		515	918	1,432		13,856
Q3 2021	15			-		514	1,068	1,581		15,437
Q4 2021	16			-		652	1,018	1,670	7,604	17,107
Q1 2022	17			-		74	1,017	1,091	,	18,198
Q2 2022	18			-		72	1,538	1,610		19,808
Q3 2022	19			-		71	66	138		19,945
Q4 2022	20			-		65	65	129	2,968	20,075
Q1 2023	21			-		66	63	129	· · · · · · · · · · · · · · · · · · ·	20,204
Q2 2023	22			-		64	61	125		20,328
Q3 2023	23			-		63	57	119		20,448
Q4 2023	24			-		56	55	112	485	20,560
Q1 2024	25			-		57	54	111		20,671
Q2 2024	26			2,918		55	52	3,025		23,696
Q3 2024	27			,-		54	49	103		23,798
Q4 2024	28					1,382	47	1,428	4,667	25,227
Q1 2025	29					.,	45	45	.,	25,272
Q2 2025	30						43	43		25,315
Q3 2025	31						40	40		25,355
Q4 2025	32						39	39	167	25,393
Q1 2026	33						37	37		25,431
Q2 2026	34						36	36		25,466
Q3 2026	35						33	33		25,499
Q4 2026	36						31	31	137	25,530
Q1 2027	37						30	30		25,561
Q2 2027	38						1,707	1,707		27,267
Q3 2027	39						.,,	,. • .		27,267
Q4 2027	40							-	1,737	27,267
~ 1 2021	.0								.,	11,201



## **European RMBS performance update**

► The Spanish and the Portuguese economies have both grown close to or at 3.0% in 2017, leading to a further reduction in unemployment and a continued revival in real estate prices and transaction volume.

- Portugal's credit rating was upgraded to investment grade by Standard & Poor's in 2017, supporting a significant tightening in sovereign yields and reduction of the credit spread vs. Germany;
- Spanish government 10-year sovereign yields closed the year unchanged vs. German benchmark yields;
- Macroeconomic forecast for 2018 points to continued expansion, at a somewhat slower pace than 2017 in both countries. These forecasts do not factor a major disruption stemming from the uncertainty in Catalonia, which could however hamper activity in Spain.
- ► Against this backdrop, the credit performance of mortgage securitisations in Spain and Portugal has remained stable or has marginally improved for most transactions.
  - Long arrears and default rates in the universe of seasoned transactions remain range-bound within 0.5-1.0% in both countries, with even weaker pre-crisis transactions well off their crisis peak;
  - Prepayment rates, as previously noted, continue to rise, while remaining at historically low levels, reflecting the seasoning of the transaction universe as well as increased real estate activity and availability of financing.



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> <li>▶ Second-loss position</li> </ul>								
Position:	► Second-loss position								
	► First loss (residual) held by Banco Pastor								
	<ul> <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:								
	► <u>Pastor 2</u> : 0.40% p.a.								
	► <u>Pastor 3</u> : 0.40% p.a.								
	► <u>Pastor 4</u> : 0.40% p.a.								
	► <u>Pastor 5</u> : 0.60% p.a.								
Principal CF	► CDR (annualised default rate)								
drivers:	► Recovery lag								
	► Loss severity								
Clean-up call:	Optional clean-up once the collateral has reached 10% of its initial amount assumed to be exercised.								

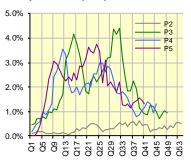
## **Collateral profile**

#### **Key characteristics** P2 Р3 Ρ4 Р5 Key deal information Banco Pastor (now part of Santander) Issuer 06/2004 06/2005 06/2006 06/2007 Issue date Months since issue 152 139 127 115 **EURm** 711 Issue size (OB) 1,000 1,000 920 Current size (CB) **EURm** 171 227 230 126 % OB 13% 17% 25% 32% Count 2.958 2.685 2.965 2.516 EURk Avge balance 42 64 76 92 14% % Non-residential Guaranteed spread % CB 0.40% 0.40% 0.40% 0.60% to securitisation through swap Plus: Notes interest & Fees 0.56% 1.37% % CB 0.72% Initial spread on loans 1.52% 0.94% 1.25% Current spread on loans % CB 1.34% 1.30% Collateral composition LTV: 61% 67% 64% 65% At issue Last Q 31% 40% 42% 44% Vintage: <=2002 57% 2003 43% 8% 0% 2004 92% 9% 1% 2005 91% 8% 2006 90% Region: Madrid 24% 16% 16% 20% Catalunya 28% 31% 24% 27% Valencia 5% 7% 11% 7% Andalusia 2% 7% 9% 10% Galicia 15% 17% 17% 15% Others 21% 26% 22% 24% Transaction performance Average CPR: Since issue % CB 7.6% 7.3% 5.9% 4.5% Last 24M % CB 4.7% 4.4% 4.7% 3.8% Last 12M % CB 5.3% 4.7% 4.5% 3.7% Arrears: <=1M % CB 2.7% 5.3% 4.9% 3.3% ]1-3M] % CB 2.5% 2.0% 0.7% 2.2% 1.5% 3-12M % CB 0.5% 0.9% 1.0% Total % CB 3.9% 8.8% 8.0% 7.1% Cumulative defaults EURm 9.8 86.0 91.6 68.1 % OB 1.0% 8.6% 10.0% 9.6% Default Rate (CDR): Since issue % CB 0.3% 2.2% 2.0% 2.1% % CB 1.2% Last 24M 0.3% 1.3% 1.0% % CB 0.3% 1.5% 1.5% 0.8% Last 12M Cumulative recoveries **EURm** 4.6 13.8 10.9 18.6 As a % of cumulative defaults 47.4% 16.0% 11.8% 27.3% **EURm** Reserve amount 5.00 (51.1)(39.6)(31.9)Reserve % % CB 3 98% -29 94% -17 50% -13 86% Reserve drawn? No Yes Yes Yes

#### Collateral performance

Months or Quarters since issue

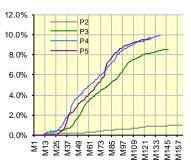
#### 90-day + Arrears (%CB)



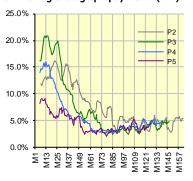
12 Months Average Default Rates (% CB)



Cumulative defaults (% OB)



6M trailing average prepayments (CPR)



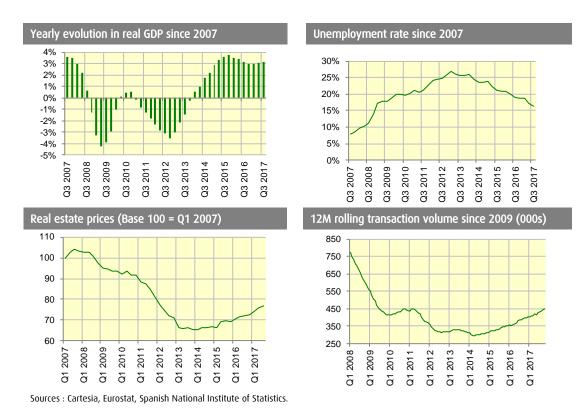
Sources: Cartesia, Trustee reports.



## Macroeconomic update

► Spain should record real GDP growth above 3.0% in 2017, for the third year running bringing its current output back to the peak level reached in mid-2008.

- GDP is forecast to grow by 2.7% in 2018 and 2.2% in 2019 assuming the continuing uncertainty surrounding Catalonia has no significant impact on growth.
- ► Continued growth is enabling a continued decrease in unemployment, which stood at 16.4% at the end of the third quarter vs. 18.9% a year ago and 20.9% at the end of 2015.
- ► Government finances have also modestly improved with the budget deficit forecast to drop to 3.2% of GDP (vs. 4.5% in 2016) and sovereign debt now slightly below 100% of GDP.
- ▶ Yields on the 10-year benchmark bond closed the year modestly wider at 1.55% after having traded within a 1.5-1.75% range for the most part of 2017. Credit spreads vs. Germany have remained practically unchanged at 1.1%.
  - The country's credit ratings have remained unchanged at BBB+ / Baa2 / BBB+ with Standard & Poor's, Moody's and Fitch respectively. Two agencies have a "positive outlook" on the rating, hinting towards a potential upgrade to A- over the coming quarters, which would materially support sovereign yields;
  - As previously noted, the situation surrounding Catalonia and its potential knock-on effect on the central Spanish government could materially affect both sovereign yields and credit quality.
- ▶ Real estate transactions on private dwellings increased by 13% in 2017 almost equal to the growth rate of 2016. While still below pre-crisis level, the number of transactions has increased by close to 45% since the end of 2014.
- ▶ Real estate prices have also continued their ongoing appreciation, with an average national price increase of 6.6% in 2017 (vs. 4.0% in 2016 and 4.3% in 2015), raising average prices to 78% of their pre-crisis level.





## Transaction performance

#### **PASTOR 2**

► The transaction has continued to perform in line with forecast and accrued but unpaid interest accumulated in 2017 have been cleared in the last quarter of the year.

#### PASTOR 3, 4 AND 5

- ► The credit performance of these transactions has remained broadly stable with, however, a slight deterioration in defaults in the case of Pastor 4.
  - 90-day+ arrears at the year-end were almost unchanged at 0.9%, 1.3% and 1.3% respectively for these transactions;
  - 2017 default rate for Pastor 4 increased to 1.5% (vs. 0.9% in 2016) but remained in a 0.9-1.0% range for Pastor 3 and 5.
- ► Recoveries upon foreclosure have remained low, despite the substantial amount of defaulted mortgage loans outstanding, totalling less than EUR 300k for Pastor 3 and 4 and nonetheless reaching EUR 1m for Pastor 5.
- As the current default rates exceed available excess spread and as recoveries are limited, the principal
  deficiency (negative reserve or PDLs) in all three transactions have either remained unchanged or
  worsened.
  - Principal deficiency at year-end reached EUR 51.1m in Pastor 3 (vs. EUR 51.4m a year ago), EUR 39.6m in Pastor 4 (vs. EUR 38.1m a year ago) and EUR 31.9m in Pastor 5 (vs. EUR 29.6m a year ago).
- ► Trustee data on the loss severity incurred upon resale of foreclosed properties also continues to suggest loss severities in excess of 50% of the loan amount;
  - Expenses incurred during the foreclosure and/or refurbishment of the properties still account for approx. half the total loss amount;
  - This dataset however only covers a third of total defaulted loans in the transactions. On the significantly larger inventory of repossessed homes that are not yet sold, expected loss severities based on servicer estimates average approx. 34%;
  - On that basis and taking into account improving real estate market conditions, the loss severity on all Pastor transactions has been increased from 38.5% to 40%.



# **Transaction performance (Cont'd)**

## Pastor Transactions – Actual and Expected Loss Severity on Current Defaults

(EUR m)	Foreclosed & Sold Properties					Foreclosed & Not Yet Sold Properties					
					Actual	Time from					Estimated
		Debt	_	Sale	Loss	NPL to		Debt	_	Appraisal	Loss
	Count	Amount	Expenses	Price	Severity	Sale	Count	Amount	Expenses	Value	Severity
Pastor 2	13	1.0	0.4	8.0	-56.4%	4.9 yrs	18	1.4	0.3	1.8	0.0%
Pastor 3	76	10.3	2.9	6.4	-66.3%	5.2 yrs	288	33.1	7.4	29.7	-32.4%
Pastor 4	78	10.3	2.7	6.7	-60.5%	5.5 yrs	289	37.7	7.9	31.9	-36.5%
Pastor 5	·	12.4		5.8	-53.2%	n/a	n/a	n/a	n/a	n/a	n/a
TOTAL		34.0	5.9	19.7	-59.5%	5.3 yrs	595	72.2	15.6	63.4	-33.8%

(EUR m)	Est	timated Total L	osses on Forec	losed Defaults
				Estimated
	Debt Amount	Expenses	Appraisal or Sale Value	Loss Severity
Pastor 2	2.4	0.7	2.6	-19.1%
Pastor 3	43.4	10.2	36.1	-40.4%
Pastor 4	48.0	10.6	38.6	-41.7%
Pastor 5	12.4		5.8	-53.2%
TOTAL	106.2	21.5	83.1	-42.0%

# **Main valuation assumptions**

## **DEFAULT RATE (CDR)**

► Change to 0.35% p.a. for Pastor 2 and 1.18% p.a. for Pastor 4 in line with 24-month average default rates.

## **RECOVERY LAG**

- ► <u>Existing defaults:</u> Recovery period increased from 5 to 7 years given the substantial backlog of outstanding defaults.
- ▶ New defaults: Recovery lag of 3.5 years (14 quarters).

#### LOSS SEVERITY

► 40% based on the average between actual and expected loss severity on defaulted mortgages for the Pastor 3, 4 and 5 transactions.

## PREPAYMENT RATE (CPR)

- ► Starting CPR <u>equal to the 24-month average for each transaction</u> of 4.4 and 4.6% for Pastor 2 and 4 respectively.
- ▶ Upward sloping thereafter by 0.4% p.a.

## **EURIBOR FORWARD CURVE**

► Euribor 3-month forward curve.

## **MATURITY**

► Exercise of the 10% clean-up call.

# Main valuation assumptions (Cont'd)

## **COMPARISON OF REVISED AND PREVIOUS KEY ASSUMPTIONS**

		CDR	Lag	Severity	CPR
Pastor 2	New	0.35%	3.5 yrs	40%	Starting point of 4.4%.
					Thereafter: + 0.4% p.a.
	Previous	0.3%	3.5 yrs	38.5%	Starting point of 4.4%.
					Thereafter: + 0.4% p.a. capped at 5.0% p.a.
Pastor 4	New	1.2%	3.5 yrs	40%	Starting point of 4.6%.
					Thereafter: + 0.4% p.a.
	Previous	1.3%	3.5 yrs	38.5%	Starting point of 4.4%. Thereafter: + 0.2% p.a. capped at 5.0% p.a.

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.

# Pastor 2 – Valuation and CF summary

## (EUR 000s)

## Period CF

	Foreca	st Sub Loan CF
IPD	Q	CF
03/2018	3 1	1
06/2018	3 2	1
09/2018	3 3	1
12/2018	3 4	2
03/2019	9 5	2
06/2019	9 6	3
09/2019	7	5,003
12/2019	8 (	0

## (EUR 000s)

## Valuation at different discount rates

discount rate	Value at 31/12/2017
0.0%	5,011
5.0%	4,607
5.9%	4,538
10.0%	4,252
12.0%	4,122

## Net present value at 6.17% under different combinations

## CDR / Severity combinations

						CDR
	0.00%	0.25%	0.29%	0.50%	0.75%	1.00%
10%	4,538	4,538	4,538	4,538	4,538	4,538
15%	4,538	4,538	4,538	4,538	4,538	4,538
20%	4,538	4,538	4,538	4,538	4,538	4,538
30%	4,538	4,538	4,538	4,538	4,538	4,538
40%	4,538	4,538	4,538	4,538	4,538	4,538
45%	4,538	4,538	4,538	4,538	4,538	4,482
Severity						

## CDR / Recovery lag combinations

						CDR
	0.00%	0.25%	0.29%	0.50%	0.75%	1.00%
4	4,538	4,538	4,538	4,538	4,538	4,538
8	4,538	4,538	4,538	4,538	4,538	4,538
12	4,538	4,538	4,538	4,538	4,538	4,538
14	4,538	4,538	4,538	4,538	4,538	4,538
18	4,538	4,538	4,538	4,538	4,538	4,538
22	4,538	4,538	4,538	4,538	4,538	4,538
Lag						

## CDR / CPR combinations

						CDR
	0.00%	0.20%	0.40%	0.60%	0.80%	1.00%
0.0%	4,416	4,416	4,416	4,416	4,416	4,416
2.0%	4,477	4,477	4,477	4,477	4,477	4,476
4.4%	4,538	4,538	4,538	4,538	4,538	4,538
6.4%	4,602	4,602	4,602	4,602	4,602	4,602
8.4%	4,602	4,602	4,602	4,602	4,602	4,602
10.4%	4,602	4,602	4,602	4,602	4,602	4,602
CPR						

Note: Net present values above include accrued interest.

# Pastor 4 – Valuation and CF summary

(EUR 000s)

Period CF

IPD         Q         CF           03/2018         1         0           06/2018         2         0           09/2018         3         0           12/2018         4         0           03/2019         5         0           06/2019         6         0           09/2019         7         0           12/2019         8         0           03/2020         9         0           06/2020         10         0           09/2020         11         0           09/2020         12         0           03/2021         13         0           06/2021         14         0           09/2021         15         0           12/2021         16         0           03/2022         17         0           06/2022         18         0           09/2022         19         0           12/2022         20         0           03/2023         21         0           06/2023         22         0           09/2023         23         0           12/2023         24 <td< th=""><th></th><th colspan="6">Forecast Sub Loan CF</th></td<>		Forecast Sub Loan CF					
06/2018 2 0 09/2018 3 0 12/2018 4 0 03/2019 5 0 06/2019 6 0 09/2019 7 0 12/2019 8 0 03/2020 9 0 06/2020 10 0 09/2020 11 0 12/2020 12 0 03/2021 13 0 06/2021 14 0 09/2021 15 0 12/2021 16 0 03/2022 17 0 06/2022 18 0 09/2022 19 0 12/2022 19 0 03/2022 19 0 03/2022 19 0 03/2022 19 0 03/2022 19 0 03/2022 19 0 03/2022 20 0 03/2023 21 0 06/2023 22 0 09/2023 23 0 12/2023 24 0 03/2024 25 0 06/2024 26 2,918 09/2024 27 0	IPD	Q	CF				
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03/2019         5         0           06/2019         6         0           09/2019         7         0           12/2019         8         0           03/2020         9         0           06/2020         10         0           09/2020         11         0           12/2020         12         0           03/2021         13         0           06/2021         14         0           09/2021         15         0           12/2021         16         0           03/2022         17         0           06/2022         18         0           09/2022         19         0           12/2022         20         0           03/2023         21         0           06/2023         22         0           09/2023         23         0           12/2023         24         0           03/2024         25         0           06/2024         26         2,918           09/2024         27         0	09/2018	3	0				
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09/2024 27 0	03/2024	25	0				
**/-*-:	06/2024	26	2,918				
12/2024 28 0	09/2024	27	0				
	12/2024	28	0				

(EUR 000s)

## Valuation at different discount rates

discount rate	Value at 31/12/2017
0.0%	2,918
8.5%	1,720
10.0%	1,573
10.9%	1,491
20.0%	895

Net present value at 11.17% under different combinations

## CDR / Severity combinations

						CDR
	0.75%	1.00%	1.18%	1.50%	2.00%	3.00%
20%	3,601	3,591	3,591	3,647	3,629	0
30%	3,572	3,572	3,572	3,629	3,629	0
40%	2,781	2,026	1,491	553	0	0
40%	2,781	2,026	1,491	553	0	0
50%	0	0	0	0	0	0
60%	0	0	0	0	0	0
Severity						

## CDR / Recovery lag combinations

•	, ,					CDR
	0.75%	1.00%	1.18%	1.50%	2.00%	3.00%
8	3,149	2,507	2,054	1,307	82	0
12	2,912	2,199	1,694	825	0	0
14	2,781	2,026	1,491	553	0	0
16	2,642	1,843	1,276	265	0	0
20	2,336	1,437	798	0	0	0
24	1,990	976	255	0	0	0
Lag						

## CDR / CPR combinations

						CDK
	0.75%	1.00%	1.18%	1.50%	2.00%	3.00%
2.0%	2,488	1,744	1,236	296	0	0
3.0%	2,602	1,854	1,349	403	0	0
4.0%	2,721	1,967	1,433	496	0	0
4.6%	2,781	2,026	1,491	553	0	0
5.0%	2,786	2,076	1,535	587	0	0
6.0%	0	0	0	0	0	0
CPR						

Note: Net present values above include accrued interest.

3 LUSITANO INVESTMENTS (PORTUGUESE FIRST LOSS)

# **Summary fact sheet**

EETI Investments:	<ul> <li>► <u>Lusitano 3</u>: 24.1% of the Class E Notes (par value of EUR 1,682k)</li> <li>► <u>Lusitano 5</u>: 27.7% of the Class E Notes (par value of EUR 3,300k)</li> </ul>
Position:	► First loss position entitled to all profit on the interest waterfall as well as the reserve amount at maturity.
Pool spread:	► <u>Lusitano 3:</u> 1.13% p.a. (before notes interest and cost)
	► <u>Lusitano 5:</u> 0.92% p.a. (before notes interest and cost)
Principal CF	► CDR / defaults
drivers:	► Recovery lag
	► Loss severity
	► CPR
Clean-up call / Maturity:	Current valuations assume exercise of the 10% clean-up call.

# **Collateral profile**

Key characteristics				
-			L3	L5
Key deal information				
	Issuer	Banco Espirito S	Santo (now No	ovo Banco)
	Issue date		09/2004	09/2006
Υ	ears since issue		13	11
	Issue size (OB)	EURm	1,200	1,400
	Current size (CB)	EURm	309	527
	% OB		26%	38%
Cu	urrent loan count		9,716	12,323
Av	ge loan balance	EURk	31,765	42,746
	Issue spread	%CB	1.24%	1.04%
Current spread e	ex-compensation	%CB	0.95%	0.81%
Current spread wit	h compensation	%CB	1.02%	0.87%
Collateral composition				
\	WA LTV at issue		73.1%	72.4%
WA C	urrent LTV (est.)		48.0%	52.0%
Vintage	<=2002		47%	18%
(at issue)	2003		42%	4%
	2004		11%	10%
	2005			47%
	2006			21%
	2007			
Region	Lisbon		43%	41%
(at issue)	Norte		28%	26%
	Centro		13%	16%
	Alentejo		9%	7%
	Algarve		3%	4%
	Islands & others		4%	6%
Transaction performance				
CPR	Since issue	%CB	4.7%	3.6%
	Last 24M	%CB	3.3%	2.8%
	Last 12M	%CB	3.8%	3.3%
Arrears	]1-3M]	%CB	1.1%	0.9%
	3-12M	%CB_	1.2%	1.0%
	Total	2/25	2.2%	2.0%
CDR	Since issue	%CB	1.05%	1.28%
	Last 24M	%CB	0.81%	0.88%
	Last 12M	%CB	0.78%	0.80%
Cumulative gross defaults		EURm	76.7	119.3
		% OB	6.4%	8.5%
	lative recoveries	EURm	39.7	52.3
As a % of cur	%	51.8%	43.8%	
, -	defaulted loans	EURm	11.85	23.3
	nulative defaults	%	15.5%	19.5%
	Reserve amount	EURm	5.6	-3.6
		%CB	1.81%	-0.68%
	Reserve drawn		No	Yes

#### Note ·

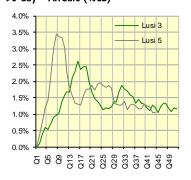
Reperforming defaulted loans are loans that had been defined as defaulted at some point since issue (i.e. due to arrears exceeding 12 monthly instalments) but who, at the report date, no longer present any arrear or whose remaining arrears do not exceed 3 monthly instalments. Note that these loans remain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

Sources: Cartesia, Trustee reports.

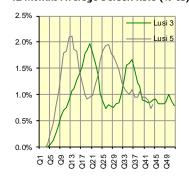
## Collateral performance

Quarters since issue

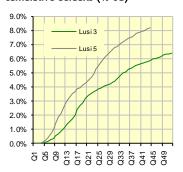
## 90-day + Arrears (%CB)



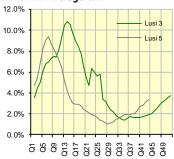
## 12 Months Average Default Rate (% CB)



## Cumulative defaults (% OB)



#### 12 Months Average CPR



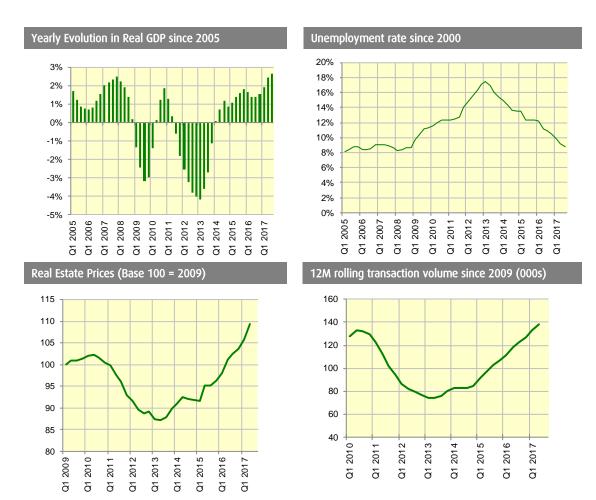
Cartesia

## Macroeconomic update

► The growth rate of the Portuguese economy has accelerated to an estimated 2.8% in 2017, close to twice the rate achieved in 2015 and 2016 and above expectations.

- Growth forecast for 2018 and 2019 are somewhat lower at 2.3% and 1.8%.
- ► Against this backdrop, unemployment has continued to decrease at a sustained pace to 10.9% of the workforce at year-end 2016 vs. 12.3% at end 2015.
- ▶ The country has succeeded in materially reducing its budget deficit which is forecast to reach 1.5% in 2017 (vs. 2.0% in 2016 and 4.4% in 2015), leading to an anticipated reduction in the sovereign debt to GDP ratio to 126% by year-end 2017 vs. 130% a year ago.
- ▶ On the back of this positive macroeconomic evolution, Portugal has regained an investment grade rating with Standard & Poor's in September 2017 (upgrade from BB+ to BBB-); it is however still rated Ba1 / BB+ with Moody's and Fitch respectively, one notch below investment grade, but with a positive outlook at both agencies.
- ► Portuguese yields on the benchmark 10-year sovereign bonds have tightened very significantly over the year by 1.9% in a sharp reversal of the trend experienced in 2016 (+1.0% in yield in 2016).
  - 10-year sovereign bonds traded at yields of 1.9% at year-end 2017 vs. 3.88% at end 2016 (and 2.87% at end 2015);
  - The spread to the 10-year German sovereign has narrowed to 1.5% at year-end from 3.65% at the beginning of the year; Portugal's spread to Germany is closing in on the one of Spain (1.10%).
- ▶ Real estate prices have risen by an average 8% in 2017 further to a 7.0% increase in 2016 (+5.0% in 2015) and stand approx. 25% above their trough level of mid-2013.
  - The number of transactions has also increased by approx. 17% in 2017, further to a 18.5% and 27% rise in 2016 and 2015 respectively.

# Macroeconomic update (Cont'd)

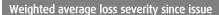


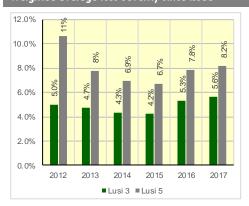
 $Sources: Cartesia, \ Eurostat, \ Portuguese \ National \ Institute \ of \ Statistics.$ 

## **Transaction performance**

#### **COLLATERAL PERFORMANCE**

- ▶ 90-day+ arrears have declined to 1.16% for Lusitano 3 (vs. 1.21% at year-end 2016) and more markedly to 1.04% (vs. 1.24% at year-end 2016) for Lusitano 5.
- Average default rates have shown the same pattern, with the 12-month CDR of Lusitano 3 declining to 0.78% (vs. 0.83% end 2016) and that of Lusitano 5 dropping to 0.80% from 0.96% a year ago.
  - The 24-month average CDR used as valuation assumptions are almost equal to the default levels experienced in 2017 for both deals.
- ▶ Recoveries on foreclosed mortgages have remained stable for both transactions in 2017, amounting to EUR 4.5m on Lusitano 3 and approx. EUR 5.8m on Lusitano 5. Combined with default rates (CDR) falling below the available excess spread, these recoveries have supported residual payments in the case of Lusitano 3 and the absorption of the negative reserve in the case of Lusitano 5.
- ▶ Available data shows that the loss severity upon disposal of foreclosed properties in 2017 has fallen sharply from its peak level of 2016. As shown in the right-hand graph below, the loss severity incurred on 2017 disposals has fallen to 8% for Lusitano 3 (vs. 14% in 2016) and to 11% for Lusitano 5 (vs. 15% in 2016).
  - While this evolution ties with the appreciation of real estate over the past year, it is reassuring as
    it follows a rather rapid rise in loss severity on new disposals in 2016.
  - The loss level experienced in 2017 remains well within the 20% loss severity assumed in the valuation.
  - Note the weighted average loss severity incurred since issue is of 5.6% for Lusitano 3 and 8.2% for Lusitano 5.





Loss severity of loans foreclosed during the year



## Transaction performance (Cont'd)

#### **SPECIFICS OF LUSITANO 3**

- ► The Lusitano 3 first loss position has cash flowed in each of the 4 quarters of 2017, generating a total of EUR 942k during the year (vs. EUR 889k in 2016 and EUR 398k in 2015).
  - The increase in residual cash flow reflects the decrease in default rates alongside stable foreclosure proceeds on defaulted loans.
- ► The transaction is expected to continue to cash flow over the coming quarters with the quantum and timing of payments largely dependent on foreclosure proceeds.

#### **SPECIFICS OF LUSITANO 5**

- ► The principal deficiency (negative reserve) of the Lusitano 5 transaction has declined by EUR 1.7m to EUR 3.6m at year end 2017, following a decline of EUR 1m in 2016.
- ► This evolution stems from a combination of default levels remaining below the available excess spread and foreclosure proceeds.
- ► Given the still substantial amount of un-foreclosed loans (EUR 57m), we remain confident that the negative reserve will be absorbed over the coming years, causing the residual position held by EETI to resume cash flowing.
  - Under prevailing assumptions, the residual position is expected to cash flow again in late 2019 or early 2020.



# **Main valuation assumptions**

## **DEFAULT RATE (CDR)**

- ▶ Lusitano 3: 0.81% p.a., in line with 24-month average;
- ▶ Lusitano 5: 0.88% p.a. in line with 24-month average.

## **RECOVERY LAG**

- ► Existing un-foreclosed defaults: Recovery lag of 16 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)

- ▶ Lusitano 3: CPR of 3.3%, in line with 24-month average, increasing by 0.4% p.a.
- ▶ <u>Lusitano 5:</u> CPR of 2.8%, <u>in line with 24-month average</u>, 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 3	New	0.81%	Existing defaults: 4 yrs New defaults: 2.5 yrs	20%	<b>Starting point: 3.3%</b> Thereafter: + 0.40% p.a.
	Previous	0.87%	Existing defaults: 4 yrs New defaults: 2.5 yrs	20%	<b>Starting point: 2.4%</b> Thereafter: + 0.20% p.a. capped at 5.0% p.a.
Lusitano 5	New	0.88%	Existing defaults: 4 yrs New defaults: 2.5 yrs	20%	<b>Starting point: 2.8%</b> Thereafter: + 0.40% p.a.
	New	1.02%	Existing defaults: 4 yrs New defaults: 2.5 yrs	20%	<b>Starting point: 2.1%</b> Thereafter: + 0.20% p.a. capped at 5.0% p.a.



# **Lusitano 3 – Valuation and CF summary**

## (EUR 000s)

## Period CF

		CF (EETI share)
IPD	Q	Cum CF
01/2018	1	238
04/2018	2	266
07/2018	3	257
10/2018	4	267
01/2019	5	228
04/2019	6	240
07/2019	7	369
10/2019	8	366
01/2020	9	351
04/2020	10	352
07/2020	11	474
10/2020	12	517
01/2021	13	517
04/2021	14	515
07/2021	15	514
10/2021	16	652
01/2022	17	74
04/2022	18	72
07/2022	19	71
10/2022	20	65
01/2023	21	66
04/2023	22	64
07/2023	23	63
10/2023	24	56
01/2024	25	57
04/2024	26	55
07/2024	27	54
10/2024	28	1,382

## (EUR 000s)

## Valuation at different discount rates

discount rate	Value at 31/12/2017
0.0%	8,201
5.9%	6,834
7.5%	6,534
10.0%	6,105
12.5%	5,723

## Net present value under different combinations

## CDR / Severity combinations

						CDR
	0.75%	0.81%	1.00%	1.25%	1.50%	2.00%
5%	8,118	8,074	7,904	7,721	7,541	7,146
10%	7,711	7,660	7,475	7,268	7,065	6,630
15%	7,303	7,247	7,046	6,815	6,588	6,114
20%	6,896	6,834	6,617	6,362	6,111	5,597
25%	6,489	6,420	6,188	5,909	5,635	5,081
30%	6,081	6,007	5,759	5,457	5,158	4,565
Severity						

## CDR / Recovery lag combinations

	, ,					CDR
	0.75%	0.81%	1.00%	1.25%	1.50%	2.00%
8	7,015	6,962	6,779	6,563	6,350	5,919
10	6,896	6,834	6,617	6,362	6,111	5,597
12	6,773	6,701	6,450	6,155	5,865	5,265
14	6,647	6,565	6,279	5,943	5,612	4,922
16	6,518	6,426	6,103	5,724	5,351	4,569
20	6,247	6,134	5,738	5,275	4,819	3,854
Lag						

## CDR / CPR combinations

•						CDR
	0.75%	0.81%	1.00%	1.25%	1.50%	2.00%
1.0%	7,035	6,967	6,753	6,456	6,184	5,633
2.0%	6,979	6,913	6,687	6,420	6,158	5,625
3.3%	6,896	6,834	6,617	6,362	6,111	5,597
4.0%	6,857	6,796	6,582	6,332	6,087	5,582
5.0%	6,788	6,728	6,542	6,300	6,062	5,570
6.0%	6,742	6,685	6,504	6,269	6,014	5,559
CPR						

Note: Net present values above include accrued interest.

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

(EUR 000s)

## Period CF

IPD	Q	Class E CF
01/2018	1	0
04/2018	2	0
07/2018	3	0
10/2018	4	0
01/2019	5	0
04/2019	6	0
07/2019	7	0
10/2019	8	0
01/2020	9	0
04/2020	10	0
07/2020	11	0
10/2020	12	566
01/2021	13	2,404
04/2021	14	918
07/2021	15	1,068
10/2021	16	1,018
01/2022	17	1,017
04/2022	18	1,538
07/2022	19	66
10/2022	20	65
01/2023	21	63
04/2023	22	61
07/2023	23	57
10/2023	24	55
01/2024	25	54
04/2024	26	52
07/2024	27	49
10/2024	28	47
01/2025	29	45
04/2025	30	43
07/2025	31	40
10/2025	32	39
01/2026	33	37
04/2026	34	36
07/2026	35	33
10/2026	36	31
01/2027 04/2027	37 38	30 1 707
04/2027	30	1,707

(EUR 000s)

## Valuation at different discount rates

discount rate	Value at 31/12/2017
0.0%	11,137
10.0%	7,283
10.9%	7,029
12.5%	6,622
15.0%	6,043

## Net present value under different combinations

## CDR / Severity combinations

					CDR
0.75%	0.88%	1.00%	1.25%	1.50%	2.00%
9,391	9,319	9,254	9,118	8,985	8,727
8,663	8,565	8,475	8,293	8,078	7,737
7,935	7,810	7,664	7,439	7,213	6,782
7,178	7,029	6,893	6,621	6,347	5,796
6,457	6,282	6,122	5,774	5,454	4,849
5,708	5,509	5,326	4,965	4,550	3,923
	9,391 8,663 7,935 7,178 6,457 5,708	9,391 9,319 8,663 8,565 7,935 7,810 7,178 <b>7,029</b> 6,457 6,282 5,708 5,509	9,391 9,319 9,254 8,663 8,565 8,475 7,935 7,810 7,664 7,178 <b>7,029</b> 6,893 6,457 6,282 6,122 5,708 5,509 5,326	9,391     9,319     9,254     9,118       8,663     8,565     8,475     8,293       7,935     7,810     7,664     7,439       7,178 <b>7,029</b> 6,893     6,621       6,457     6,282     6,122     5,774       5,708     5,509     5,326     4,965	9,391         9,319         9,254         9,118         8,985           8,663         8,565         8,475         8,293         8,078           7,935         7,810         7,664         7,439         7,213           7,178 <b>7,029</b> 6,893         6,621         6,347           6,457         6,282         6,122         5,774         5,454           5,708         5,509         5,326         4,965         4,550

## CDR / Recovery lag combinations

						CDR
	0.75%	0.88%	1.00%	1.25%	1.50%	2.00%
8	7,388	7,268	7,157	6,944	6,716	6,284
10	7,178	7,029	6,893	6,621	6,347	5,796
12	6,991	6,811	6,615	6,286	5,959	5,303
14	6,804	6,592	6,368	5,974	5,560	4,800
16	6,619	6,377	6,124	5,665	5,193	4,284
20	6,252	5,949	5,643	5,063	4,482	3,345
Lag						

## CDR / CDR combinations

						CDR
	0.75%	0.88%	1.00%	1.25%	1.50%	2.00%
1.0%	7,293	7,132	6,984	6,688	6,390	5,796
2.0%	7,231	7,077	6,936	6,645	6,370	5,786
2.8%	7,178	7,029	6,893	6,621	6,347	5,796
3.0%	7,167	7,019	6,884	6,614	6,341	5,793
4.0%	7,112	6,971	6,842	6,576	6,326	5,785
5.0%	7,056	6,921	6,797	6,551	6,301	5,796
CPR						

Note: Net present values above include accrued interest.

4. LUDGATE (UK FIRST LOSS POSITION)

# **Fact sheet**

EETI Investment:	<ul> <li>100% of the Residual Certificates of Ludgate 2006-FF1</li> <li>100% of the Mortgage Early Repayment Certificates of Ludgate 2006-FF1</li> <li>GBP denominated with an unhedged GBP/EUR exposure</li> </ul>
Collateral:	<ul> <li>UK non-conforming (or near-prime) residential mortgage loans</li> <li>Dec. 2017 pool balance of GBP 101m</li> <li>Underlying loans are essentially floating rate interest-only loans</li> </ul>
Securitisation structure:	<ul> <li>First loss position entitled to all profit on the interest waterfall as well as the reserve amount at maturity</li> <li>Position also entitled to early repayment charges on mortgages</li> </ul>
Principal CF drivers:	<ul> <li>Pool excess spread, which is also impacted by the unhedged differential between the Bank of England Base Rate (the reference rate of the loans) and the GBP 3-month Libor (the reference rate of the notes)</li> <li>Total redemption rate of loans (pool principally comprising interest-only mortgages)</li> <li>New defaults (CDR)</li> <li>Loss severity (historically 30%)</li> <li>Recovery lag</li> </ul>
Reserve Fund:	<ul> <li>▶ GBP 1.15m fully funded reserve fund</li> <li>▶ The reserve fund will be paid out to the residual notes at maturity</li> </ul>
Call:	<ul> <li>10% clean-up call is assumed given the sound credit performance of the pool</li> <li>No potential benefit from a resale of the pool at a profit is factored in</li> </ul>

## Transaction overview

#### **RECENT PERFORMANCE**

▶ EETI holds 100% of the residual of the Ludgate 2006-FF1 transaction, a 2006 securitization of UK non-conforming mortgage loans. The instrument is entitled to the net excess spread of the mortgage book after interest on the notes and credit losses.

- The position is denominated in GBP and all receipts are converted at the prevailing GBP/EUR exchange rate at quarter-end;
- The exchange rate exposure is not hedged.
- ▶ The position has generated a total cash flow of EUR 1.4m in 2017, close to expectations.
- ► The credit performance of the transaction has remained solid throughout the year:
  - Default rates averaged 0.4% in 2017 in line with assumptions;
  - Loss severity on the disposal of foreclosed loans remains stable at 30%;
  - The relationship between the Bank of England Base Rate (BBR) and 3-month GBP Libor, which is unhedged in the transaction, has also remained stable.
- ► Total redemption rate over the year was 10.1%, below assumptions as a gradual acceleration of redemptions has not materialised at this stage.





## Average loss severity on foreclosed mortgages



Source: Cartesia, Trustee reports, Bloomberg

## **Valuation**

## **SCHEDULED DISPOSAL IN Q1 2018**

► As previously indicated, EETI has received bids valuing the Ludgate position at EUR 4.8m, substantially above the level of approx. EUR 4.0m at which the position would have been valued on a mark-to-model basis.

- The sale is expected to be completed in Q1 2018.
- ► The position is therefore valued at the expected disposal price of EUR 4.8m.



5. MINOTAURE (FRENCH FIRST LOSS)

# Minotaure 2004-1 – Fact sheet

EETI Investment:	► 50% of the Class R residual notes  1 unit (out of 2) of ECC Minetoure 2004 1, the cocurity ation vehicle, execute right to
	▶ 1 unit (out of 2) of FCC Minotaure 2004-1, the securitization vehicle, opening right to all remaining cash flow at the vehicle's liquidation
Securitization structure:	<ul> <li>Cash securitization of mortgage loans extended to their employees by EDF / GDF and their affiliates, the French State-run utilities.</li> </ul>
	► The mortgage loans have been extended at below market rate by EDF / GDF. To enable a refinancing of the portfolio, the loans have been sold below par (approx. 12% discount).
Position:	► First loss position entitled to all profit on the interest and principal waterfall as well as the reserve amount.
Reserve	► EUR 2.955m reserve at its required level; the residual is entitled to the full reserve amount at maturity.
Principal CF	► Death of employees (in which case EDF / GDF forego the mortgage loan)
drivers:	<ul> <li>Permanent incapacitation due to work-related accidents (in which case EDF / GDF forego the loan)</li> </ul>
	<ul> <li>Prepayments (as the portfolio has been purchased below par, principal repayments generate a profit in the securitization structure)</li> </ul>
Clean-up call	► Natural amortization of the pool between 2025 and 2026
/ Maturity:	► Legal final maturity in 2026

## Performance and outlook

#### **CREDIT PERFORMANCE**

- ► The Minotaure transaction continues to perform according to forecast with loss and prepayment rates in line with assumptions.
  - The loss rate remained close to 0.30% in 2017, slightly below the 24-month average of 0.33%.
  - Loan redemptions, which are favourable to the position, increased by 1.0% to 9.2% in 2017.

## Loss rates since issue (all figures annualised) 1.80% Monthly Loss Rate 6M Average Loss Rate 1.60% 12M Average Loss Rate 1.40% 1.20% 1.00% 0.80% 0.60% 0.40% 0.20% 0.00% Dec-10 9

# 14.00% Monthly 12.00% 12M Average 10.00% 8.00% 4.00% 2.00% 0

Prepayment rates since issue (all figures annualised)

Note: All rates expressed on an annualized basis.

#### **Valuation**

#### **SCHEDULED DISPOSAL IN Q1 2018**

► As previously indicated, EETI has received bids valuing the Minotaure position at EUR 3.4m, substantially above the level of approx. EUR 2.3m at which the position would have been valued on a mark-to-model basis.

- The sale is expected to be completed in Q1 2018.
- ► The position is therefore valued at the expected disposal price of EUR 3.4m.



6 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.

- As these underlying positions have not cash flowed since 2008-09, the Citrine Finance vehicle has been unable to meet its basic financial obligations (auditors, fund administrator etc) and was placed in receivership (under Irish law);
- Given the very substantial unpaid amount of principal and accrued interest on the more senior notes of the Citrine Finance vehicle and the expected low market value of the underlying securities, no amounts should be recouped by EETI;
- These positions are consequently written off.
- ► EETI holds a 40% interest in the residual of the Sestante 4 RMBS, a securitisation of non-conforming Italian mortgage loans.
  - The residual position has not cash flowed since 2007 owing to the weak performance of the underlying collateral and substantial principal deficiency in the deal, which has continued to increase over the past quarters;
  - However, as the transaction holds a substantial amount of unsold foreclosed properties and is expected to run for another 10-15 years, the residual position held by EETI might eventually recoup some cash flow;
  - In the interim, the position is fully written-off.



# Appendix

## Summary of quarterly portfolio assumptions since Q4 2012

																					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
Lusitano 3	0.90%	1.04%	1.20%	1.22%	1.35%	1.39%	1.39%	1.38%	1.28%	1.16%	1.03%	1.01%	0.90%	0.90%	0.84%	0.85%	0.87%	0.89%	0.92%	0.85%	0.81%
Lusitano 5	1.30%	1.41%	1.57%	1.67%	1.71%	1.79%	1.77%	1.72%	1.50%	1.43%	1.33%	1.24%	1.16%	1.03%	1.01%	1.03%	1.02%	0.95%	0.92%	0.90%	0.88%
Pastor 2	0.20%	0.22%	0.29%	0.30%	0.35%	0.39%	0.47%	0.53%	0.53%	0.51%	0.45%	0.41%	0.38%	0.36%	0.22%	0.29%	0.29%	0.30%	0.33%	0.40%	0.35%
Pastor 3	2.40%	2.73%	2.91%	3.37%	3.93%	4.11%	4.02%	3.75%	3.61%	3.64%	3.40%	2.69%	2.07%	1.80%	1.65%	1.67%	1.67%	1.34%	n/a	n/a	n/a
Pastor 4	2.20%	2.33%	2.46%	2.58%	3.06%	3.10%	2.97%	3.10%	2.98%	2.75%	2.54%	2.46%	2.32%	1.95%	1.43%	1.43%	1.31%	1.34%	1.34%	1.27%	1.18%
Pastor 5	2.00%	2.14%	1.90%	2.12%	3.07%	3.31%	3.50%	3.63%	3.41%	3.50%	3.54%	3.27%	2.42%	2.05%	1.69%	n/a	n/a	n/a	n/a	n/a	n/a
Minotaure	0.20%	0.22%	0.18%	0.22%	0.22%	0.23%	0.26%	0.20%	0.23%	0.24%	0.24%	0.25%	0.24%	0.28%	0.28%	0.26%	0.30%	0.35%	0.35%	0.35%	0.33%
Ludgate							1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	0.50%	0.50%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%

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

																					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
Lusitano 3	2.50%	2.25%	1.90%	1.80%	1.70%	1.68%	1.58%	1.56%	1.59%	1.68%	1.70%	1.78%	1.79%	1.82%	2.02%	2.22%	2.42%	2.56%	2.79%	3.04%	3.33%
Lusitano 5	2.20%	2.00%	1.80%	1.60%	1.50%	1.36%	1.27%	1.24%	1.23%	1.32%	1.44%	1.59%	1.67%	1.76%	1.88%	1.98%	2.12%	2.34%	2.40%	2.59%	2.84%
Pastor 2	5.10%	4.90%	4.60%	4.60%	4.60%	4.40%	4.31%	3.97%	4.05%	3.94%	3.94%	4.31%	4.40%	4.40%	4.47%	4.43%	4.40%	4.50%	4.50%	4.60%	4.70%
Pastor 3	3.10%	2.90%	3.10%	3.00%	3.00%	3.00%	3.21%	3.09%	3.15%	3.26%	3.24%	3.53%	3.69%	3.80%	3.75%	n/a	n/a	n/a	n/a	n/a	n/a
Pastor 4	3.20%	3.00%	3.00%	2.90%	3.00%	3.10%	3.25%	3.17%	3.39%	3.54%	3.67%	3.67%	3.79%	4.09%	4.06%	4.12%	4.43%	4.44%	4.30%	4.56%	4.63%
Pastor 5	3.30%	2.90%	2.90%	2.80%	2.80%	2.80%	2.86%	2.83%	3.06%	2.97%	3.18%	3.11%	3.34%	3.50%	3.74%	n/a	n/a	n/a	n/a	n/a	n/a
Minotaure	4.58%	4.56%	4.27%	4.07%	4.16%	4.20%	4.30%	4.15%	4.22%	4.29%	4.64%	5.50%	5.24%	5.66%	6.16%	6.66%	7.20%	7.85%	8.24%	8.52%	8.54%
Ludgate							5.00%	5.20%	6.00%	7.00%	7.00%	7.00%	7.00%	8.00%	10.0%	10.0%	10.0%	10.8%	10.8%	10.8%	10.8%

																				Loss S	Severity
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
Lusitano 3	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
Lusitano 5	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%
Pastor 3	20%	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	39%	39%	39%	39%	39%	39%	40%
Pastor 4	20%	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	39%	39%	39%	39%	39%	39%	40%
Pastor 5	20%	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	39%	39%	39%	39%	39%	39%	40%
Minotaure	nm																				
Ludgate							30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%

																				Recove	ery 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
Lusitano 3	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
Pastor 2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Pastor 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Pastor 4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Pastor 5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Minotaure	nm																				
Ludgate							4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

																				Disco	ount Rates
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
Lusitano 3	10.00%	9.90%	9.78%	9.48%	9.00%	8.77%	8.49%	8.11%	7.87%	7.64%	7.42%	7.26%	7.26%	6.44%	6.35%	6.26%	6.17%	6.16%	6.11%	6.02%	5.92%
Lusitano 5	15.00%	14.90%	14.78%	14.48%	14.00%	13.77%	13.49%	13.11%	12.87%	12.64%	12.42%	12.26%	12.26%	11.44%	11.35%	11.26%	11.17%	11.16%	11.11%	11.01%	10.92%
Pastor 2	10.00%	9.90%	9.78%	9.48%	9.00%	8.77%	8.49%	8.11%	7.87%	7.64%	7.42%	7.26%	7.26%	6.44%	6.35%	6.26%	6.17%	6.16%	6.11%	6.02%	5.92%
Pastor 3	15.00%	14.90%	14.78%	14.48%	14.00%	13.77%	13.49%	13.11%	12.87%	12.64%	12.42%	12.26%	12.26%	11.44%	11.35%	11.26%	11.17%	11.16%	11.11%	11.02%	10.92%
Pastor 4	15.00%	14.90%	14.78%	14.48%	14.00%	13.77%	13.49%	13.11%	12.87%	12.64%	12.42%	12.26%	12.26%	11.44%	11.35%	11.26%	11.17%	11.16%	11.11%	11.02%	10.92%
Pastor 5	15.00%	14.90%	14.78%	14.48%	14.00%	13.77%	13.49%	13.11%	12.87%	12.64%	12.42%	12.26%	12.26%	11.44%	11.35%	11.26%	11.17%	11.16%	11.11%	11.02%	10.92%
Minotaure	15.00%	14.90%	14.78%	14.48%	14.00%	13.77%	13.49%	13.11%	12.87%	12.64%	12.42%	12.26%	12.26%	11.44%	11.35%	11.26%	11.17%	11.16%	11.11%	11.02%	10.92%
Ludgate							13.49%	13.11%	12.87%	12.64%	12.42%	12.26%	12.26%	11.44%	11.35%	11.26%	11.17%	11.16%	11.11%	11.02%	10.92%

## **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		31/12/2017
	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

## Annual revaluations by position since Q4 2012

(EUR 000s)				•	arkdown) / ation in FY
	2013	2014	2015	2016	2017
Lusitano 3	(593)	1,232	492	460	(69)
Lusitano 5	(388)	1,035	629	169	28
Pastor 2	168	99	55	113	(8)
Pastor 3	(470)	(70)	0	0	0
Pastor 4	(428)	(1,771)	626	30	(273)
Pastor 5	(557)	(472)	0	0	0
Minotaure	124	154	72	96	1,089
Ludgate		7,003	456	(137)	1,241
TOTAL	(1,762)	6,203	3,356	731	2,008

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