

# LCR ASSESSMENT

## TULIP MORTGAGE FUNDING 2019-1 BV



PRIME COLLATERALISED SECURITIES (PCS) EU SAS

For the terms and conditions please refer to the Application's [Terms and Conditions](#) and the [disclaimer](#) found on: [www.pcsmarket.org](http://www.pcsmarket.org)

**20 November 2019**

**Analyst: Daniele Vella | Contacts: +33 1 86 26 18 40 / +33 6 15 37 86 95**

**This is an LCR Assessment.**

**This LCR Assessment must be read together with the PCS Procedures Manual and the PCS Term Evidentiary Standards Manual. This document is based upon the draft materials received by PCS as at the date of this document. Any page/section references in this document are to the prospectus unless otherwise stated.**

**It is important that the reader of this checklist reviews and understands the disclaimer referred to on the following page.**

**20 November 2019**

## Disclaimer

Neither an STS Verification, nor a CRR Assessment, nor an LCR Assessment is a recommendation to buy, sell or hold securities. None are investment advice whether generally or as defined under Markets in Financial Instruments Directive (2004/39/EC) and none are a credit rating whether generally or as defined under the Credit Rating Agency Regulation (1060/2009/EC).

PCS UK and PCS EU are regulated, respectively, by the UK Financial Conduct Authority and the *Autorité des Marchés Financiers*, and authorised as third-party verification agents pursuant to article 28 of Regulation (EU) 2017/2402 (the “STS Regulation”). Currently, none of the activities involved in providing an CRR or an LCR Assessment are endorsed or regulated by any regulatory and/or supervisory authority nor is the PCS Association regulated by any regulator and/or supervisory authority including the Belgian Financial Services and Markets Authority, the United Kingdom Financial Conduct Authority, the French *Autorité des Marchés Financiers* or the European Securities and Markets Authority.

By assessing the LCR status of any securities or financing, neither the PCS Association nor PCS UK nor PCS EU express any views about the creditworthiness of these securities or financings or their suitability for any existing or potential investor or as to whether there will be a ready, liquid market for these securities or financings.

Equally, by completing (either positively or negatively) any LCR status assessment of certain instruments, no statement of any kind is made as to the value or price of these instruments or the appropriateness of the interest rate they carry (if any).

In the provision of any LCR Assessment, PCS has based its decision on information provided directly and indirectly by the originator or sponsor of the relevant securitisation. Specifically, it has relied on statements made in the relevant prospectus or deal sheet, documentation and/or in certificates provided by, or on behalf of, the originator or sponsor in accordance with PCS’ published procedures for the relevant PCS verification or assessment. You should make yourself familiar with these procedures to understand fully how any PCS service is completed. These can be found at [www.pcsmarket.org](http://www.pcsmarket.org) (the “PCS Website”). Neither the PCS Association nor PCS UK nor PCS EU undertake their own direct verification of the underlying facts stated in the prospectus, deal sheet, documentation or certificates for the relevant instruments and the completion of any CRR Assessment is not a confirmation or implication that the information provided to it by or on behalf of the originator or sponsor is accurate or complete.

The PCS entities take reasonable measures to ensure the quality and accuracy of the information on [www.pcsmarket.org](http://www.pcsmarket.org). However, neither the PCS Association nor PCS UK nor PCS EU can be held liable in any way for the inaccuracy or incompleteness of any information that is available on or through the PCS Website. In addition, neither the PCS Association nor PCS UK nor PCS EU can in any way be held liable or responsible for the content of any website linked to the PCS Website.

To understand the meaning and limitations of any LCR Assessment you must read the General Disclaimer that appears on the PCS Website.

When entering any of the “Transaction” sections of the PCS Website, you will be asked to declare that you are allowed to do so under the legislation of your country. The circulation and distribution of information regarding securitisation instruments (including securities) that is available on the PCS Website may be restricted in certain jurisdictions. Persons receiving any information or documents with respect to or in connection with instruments (including securities) available on the PCS Website are required to inform themselves of and to observe all applicable restrictions.

## Prime Collateralised Securities (PCS) EU SAS - LCR Assessment

Individual(s) undertaking the assessment	Daniele Vella
Date of Assessment /Version	20 November 2019
<b>The transaction to be assessed (the “Transaction”)</b>	Tulip Mortgage Funding 2019-1 BV
Issuer	Tulip Mortgage Funding 2019-1 BV
Originator	Tulpenhuis 1 BV
Seller	Tulpenhuis 1 BV
Lead Manager(s)	NatWest Markets Plc. and HSBC Bank Plc.
Transaction Legal Counsel	Loyens & Loeff NV and Simmons & Simmons LLP
Rating Agencies	DBRS and Fitch
Stock Exchange	Euronext Amsterdam
Target Issue Date	20 November 2019

Legislative text <sup>(1)</sup>	LCR questions	Identifying document and checking page reference	Checking comments	Criteria fulfilled Yes / No
<p>1. Exposures in the form of asset-backed securities as referred to in Article 12(1)(a) shall qualify as level 2B securitisations where the following conditions are satisfied:</p> <p>(a) the designation 'STS' or 'simple, transparent and standardised', or a designation that refers directly or indirectly to those terms, is permitted to be used for the securitisation in accordance with Regulation (EU) 2017/2402 of the European Parliament and of the Council (*) and is being so used;</p> <p>(b) the criteria laid down in paragraph 2 and paragraphs 10 to 13 of this Article are met.</p> <p>(*) Regulation (EU) 2017/2402 of the European Parliament and of the Council of 12 December 2017 laying down a general framework for securitisation and creating a specific framework for simple, transparent and standardised securitisation, and amending Directives 2009/65/EC, 2009/138/EC and 2011/61/EU and Regulations (EC) No 1060/2009 and (EU) No 648/2012 (OJ L 347, 28.12.2017, p. 35).</p>		<p>1 (a) PCS is advised by the Seller that the transaction Tulip Mortgage Funding 2019-1 BV is expected to be designated STS.</p> <p>1 (b) PCS has ticked the questions below as "yes". See the disclaimer above for a fuller analysis of the limitations of PCS's LCR assessment.</p>		<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>

<sup>1</sup> Delegated Regulation (EU) 2015/61 with regard to liquidity coverage requirement for Credit Institutions ("LCR"), as amended by Commission Delegated Regulation (EU) 2018/1620 of 13 July 2018. Article 13 Level 2B securitisations

Legislative text <sup>(2)</sup>	LCR questions	Identifying document and checking page reference	Checking comments	Criteria fulfilled Yes / No
<p>2. The securitisation position and the exposures underlying the position shall meet all the following requirements:</p> <p>(a) the position has been assigned a credit assessment of credit quality step 1 by a nominated ECAI <sup>(3)</sup> in accordance with Article 264 of Regulation (EU) No 575/2013 or the equivalent credit quality step in the event of a short-term credit assessment;</p> <p>(b) the position is in the most senior tranche or tranches of the securitisation and possesses the highest level of seniority at all times during the ongoing life of the transaction. For these purposes, a tranche shall be deemed to be the most senior where after the delivery of an enforcement notice and where applicable an acceleration notice, the tranche is not subordinated to other tranches of the same securitisation transaction or scheme in respect of receiving principal and interest payments, without taking into account amounts due under interest rate or currency derivative contracts, fees or other similar payments in accordance with Article 242(6) of Regulation (EU) No 575/2013;</p>		<p>2 (a) PCS notes that the senior notes are expected to be rated:</p> <ul style="list-style-type: none"> <li>• AAA (sf) by DBRS</li> <li>• AAA sf by Fitch</li> </ul> <p>2 (b) PCS confirms that the senior tranche is expected to meet the required attributes, based on the prospectus that has been reviewed.</p>	<p>Refer to Prospectus, front page and Section 1.4 (<i>Notes</i>) sub-section (<i>Credit Ratings</i>)</p> <p>See also Section 5.2 (<i>Priority of Payments</i>) and onwards, confirming the status of Senior Notes. The post enforcement PoP is set out in Section 5.2, sub "<i>Post-Enforcement and Call Option Exercise Priority of Payments</i>".</p>	<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>
<p>(g) the securitisation position is backed by a pool of underlying exposures and those underlying exposures either all belong to only one of the following subcategories or else they consist of a</p>		<p>(g)(i) only applies,</p>		

<sup>2</sup> Delegated Regulation (EU) 2015/61 with regard to liquidity coverage requirement for Credit Institutions ("LCR"), as amended by Commission Delegated Regulation (EU) 2018/1620 of 13 July 2018. Article 13 Level 2B securitisations

<sup>3</sup> Credit Quality Step 1 means reaching the following rating levels: Fitch: AAA to AA-; Moody's: Aaa to Aa3; S&P: AAA to AA-; DBRS: AAA to AAL; or an equivalent rating, as set out in the table available at the following link: [www.eba.europa.eu/documents/ecai\\_recognition.xls](http://www.eba.europa.eu/documents/ecai_recognition.xls)

<p>combination of residential loans referred to in point (i) and residential loans referred to in point (ii):</p> <p>(i) residential loans secured with a first-ranking mortgage granted to individuals for the acquisition of their main residence, provided that one of the two following conditions is met:</p> <p>— the loans in the pool meet on average the loan-to-value requirement laid down in point (i) of Article 129(1)(d) of Regulation (EU) No 575/2013 <sup>(4)</sup>;</p> <p>— the national law of the Member State where the loans were originated provides for a loan-to-income limit on the amount that an obligor may borrow in a residential loan, and that Member State has notified this law to the Commission and EBA. The loan-to-income limit is calculated on the gross annual income of the obligor, taking into account the tax obligations and other commitments of the obligor and the risk of changes in the interest rates over the term of the loan. For each residential loan in the pool, the percentage of the obligor's gross income that may be spent to service the loan, including interest, principal and fee payments, does not exceed 45 %;</p> <p>(ii) fully guaranteed residential loans referred to in Article 129(1)(e) of Regulation (EU) No 575/2013, provided that the loans meet the collateralisation requirements laid down in that paragraph and the average loan-to-value requirement laid down in point</p>		<p>(ii) to (v) do not apply.</p> <p>The maximum loan-to-income limit is equal to or lower than 35% (see prospectus, Section 6.1 (<i>Stratification Tables</i>), table 25 (<i>Debt Service to Income Ratio</i>)).</p> <p>On this basis, PCS is sufficiently confident that each of the loans in the pool meets the loan-to-income requirement.</p>	<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>
---	--	---	---

<sup>4</sup> Article 129(1)(d) of Regulation (EU) No 575/2013 refers to <<(d) loans secured by:

(i) residential property up to the lesser of the principal amount of the liens that are combined with any prior liens and 80 % of the value of the pledged properties; or

(ii) senior units issued by French Fonds Communs de Titrisation or equivalent securitisation entities governed by the laws of a Member State securitising residential property exposures. In the event of such senior units being used as collateral, the special public supervision to protect bond holders as provided for in Article 52(4) of Directive 2009/65/EC shall ensure that the assets underlying such units shall, at any time while they are included in the cover pool be at least 90 % composed of residential mortgages that are combined with any prior liens up to the lesser of the principal amounts due under the units, the principal amounts of the liens, and 80 % of the value of the pledged properties, that the units qualify for the credit quality step 1 as set out in this Chapter and that such units do not exceed 10 % of the nominal amount of the outstanding issue.>>

<p>(i) of Article 129(1)(d) of Regulation (EU) No 575/2013</p> <p>(iii) commercial loans, leases and credit facilities to undertakings established in a Member State to finance capital expenditures or business operations other than the acquisition or development of commercial real estate, provided that at least 80 % of the borrowers in the pool in terms of portfolio balance are small and medium- sized enterprises at the time of issuance of the securitisation, and none of the borrowers is an institution as defined in Article 4(1)(3) of Regulation (EU) No 575/2013;[<sup>5</sup>]</p> <p>(iv) auto loans and leases to borrowers or lessees established or resident in a Member State. For these purposes, auto loans and leases shall include loans or leases for the financing of motor vehicles or trailers as defined in points (11) and (12) of Article 3 of Directive 2007/46/EC of the European Parliament and of the Council (*), agricultural or forestry tractors as referred to in Regulation (EU) No 167/2013 of the European Parliament and of the Council (**), two-wheel motorcycles or powered tricycles as referred to in Regulation (EU) No 168/2013 of the European Parliament and of the Council (***) or tracked vehicles as referred to in point (c) of Article 2(2) of Directive 2007/46/EC. Such loans or leases may include ancillary insurance and service products or additional vehicle parts, and in the case of leases, the residual value of leased vehicles. All loans and leases in the pool shall be secured with a first-ranking charge or security over the vehicle or an appropriate</p>				
--	--	--	--	--

<sup>5</sup> In particular: "**institution**" means a credit institution or an investment firm; '**credit institution**' means an undertaking the business of which is to take deposits or other repayable funds from the public and to grant credits for its own account; and '**investment firm**' means a person as defined in point (1) of Article 4(1) of Directive 2004/39/EC, which is subject to the requirements imposed by that Directive, excluding the following: (a) credit institutions; (b) local firms; (c) firms which are not authorised to provide the ancillary service referred to in point (1) of Section B of Annex I to Directive 2004/39/EC, which provide only one or more of the investment services and activities listed in points 1, 2, 4 and 5 of Section A of Annex I to that Directive, and which are not permitted to hold money or securities belonging to their clients and which for that reason may not at any time place themselves in debt with those clients.



<p>guarantee in favour of the SSPE, such as a retention of title provision;</p> <p>(*) Directive 2007/46/EC of the European Parliament and of the Council of 5 September 2007 establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles (Framework Directive) (OJ L 263, 9.10.2007, p. 1).</p> <p>(**) Regulation (EU) No 167/2013 of the European Parliament and of the Council of 5 February 2013 on the approval and market surveillance of agricultural and forestry vehicles (OJ L 60, 2.3.2013, p. 1).</p> <p>(***) Regulation (EU) No 168/2013 of the European Parliament and of the Council of 15 January 2013 on the approval and market surveillance of two- or three-wheel vehicles and quadricycles (OJ L 60, 2.3.2013, p. 52).';</p> <p>(v) loans and credit facilities to individuals resident in a Member State for personal, family or household consumption purposes.</p>				
<p>10. The underlying exposures shall not have been originated by the credit institution holding the securitisation position in its liquidity buffer, its subsidiary, its parent undertaking, a subsidiary of its parent undertaking or any other undertaking closely linked with that credit institution.</p>		<p>The investor should confirm that it is not a group entity of any of the Originators to meet this point. We have ticked this point positive but ultimately it is the investors responsibility to confirm</p>		<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>

<p>11. The issue size of the tranche shall be at least EUR 100 million (or the equivalent amount in domestic currency).</p>		<p>PCS has been advised by the Arranger that the issue size of the senior tranche will be greater than EUR 100 million. On this basis PCS has reached sufficient confidence that this requirement will be satisfied upon issue. The final Prospectus confirms the details.</p>		<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>
<p>12. The remaining weighted average life of the tranche shall be 5 years or less, which shall be calculated using the lower of either the transaction's pricing prepayment assumption or a 20 % constant prepayment rate, for which the credit institution shall assume that the call is exercised on the first permitted call date.</p>		<p>PCS has been advised by Arranger that the remaining weighted average life of the senior tranche will be less than 5 years. On this basis PCS has reached sufficient confidence that this requirement will be satisfied upon issue. See in particular the Weighted average life table in Section 6.1 "STRATIFICATION TABLES – WEIGHTED AVERAGE LIFE - Weighted Average Life Tables".</p> <p>The final Prospectus confirms the details.</p>	<p>The hypothetical WAL of Class A Notes (in years) – in case of early redemption on the First Optional Redemption Date – meets this requirement.</p>	<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>
<p>13. The originator of the exposures underlying the securitisation shall be an institution as defined in Article 4(3) of Regulation (EU) No 575/2013 or an undertaking whose principal activity is to pursue one or more of the activities listed in points 2 to 12 and point 15 of Annex I to Directive 2013/36/EU.</p>		<p>Point 2 of Annex 1 to Directive 2013/36/EU is applicable.</p> <p>We note this statement in Section 3.4 of the Prospectus:</p> <p><i>&lt;&lt;Tulpenhuis 1 B.V. is a wholly owned subsidiary of Tulpenhuis Holding B.V. Tulpenhuis Holding B.V. has acquired a collective licence (with number 12043524) to originate mortgage loans under Dutch Law. This collective licence applies to all associated companies, including the Seller. Both companies are listed as mortgage originators in the formal register of the AFM.&gt;&gt;.</i></p> <p>See description of Seller in Section 3.4 "Seller".</p>		<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>

<p>Article 37 Transitional provision for securitisations backed by residential loans</p> <p>1. By derogation from Article 13, securitisations issued before 1 October 2015, where the underlying exposures are residential loans as referred to in point (g)(i) of Article 13(2), shall qualify as Level 2B assets if they meet all the requirements set out in Article 13 other than the loan-to-value or loan-to-income requirements set out in that point (g)(i) of Article 13(2).</p> <p>2. By derogation from Article 13, securitisations issued after 1 October 2015, where the underlying exposures are residential loans as referred to in point (g)(i) of Article 13(2) that do not meet the average loan-to-value or the loan-to-income requirements set out in that point, shall qualify as Level 2B assets until 1 October 2025, provided that the underlying exposures include residential loans that were not subject to a national law regulating loan-to-income limits at the time they were granted and such residential loans were granted at any time prior to 1 October 2015.</p>		<p>Points 1 and 2 are not applicable.</p>		<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>
---	--	---	--	---