

1. Guidelines on the STS criteria for non-ABCP securitisation

EBA/GL/2018/09

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Guidelines

on the STS criteria for non-ABCP securitisation

1. Compliance and reporting obligations

Status of these guidelines

1. This document contains guidelines issued pursuant to Article 16 of Regulation (EU) No 1093/2010¹. In accordance with Article 16(3) of Regulation (EU) No 1093/2010, competent authorities and the other addressees of the guidelines referred to in paragraph 8 must make every effort to comply with the guidelines.
2. Guidelines set the European Banking Association (EBA) view of appropriate supervisory practices within the European System of Financial Supervision or of how Union law should be applied in a particular area. Competent authorities to whom guidelines apply should comply by incorporating them into their practices as appropriate (e.g. by amending their legal framework or their supervisory processes), including where guidelines are directed primarily at institutions.

Reporting requirements

3. According to Article 16(3) of Regulation (EU) No 1093/2010, competent authorities must notify the EBA as to whether they comply or intend to comply with these guidelines, or otherwise with reasons for non-compliance, by ([dd.mm.yyyy]). In the absence of any notification by this deadline, competent authorities will be considered by the EBA to be non-compliant. Notifications should be sent by submitting the form available on the EBA website to compliance@eba.europa.eu with the reference 'EBA/GL/201x/xx'. Notifications should be submitted by persons with appropriate authority to report compliance on behalf of their competent authorities. Any change in the status of compliance must also be reported to EBA.
4. Notifications will be published on the EBA website, in line with Article 16(3).

¹ Regulation (EU) No 1093/2010 of the European Parliament and of the Council of 24 November 2010 establishing a European Supervisory Authority (European Banking Authority), amending Decision No 716/2009/EC and repealing Commission Decision 2009/78/EC, (OJ L 331, 15.12.2010, p. 12).

2. Subject matter, scope and definitions

Subject matter

5. These guidelines specify the criteria relating to simplicity, standardisation and transparency for non-asset-backed commercial paper (non-ABCP) securitisations in accordance with Articles 20, 21 and 22 of Regulation (EU) 2017/2402 of the European Parliament and of the Council of 12 December 2017².

Scope of application

6. These guidelines apply in relation to the criteria of simplicity, standardisation and transparency of non-ABCP securitisations.
7. Competent authorities should apply these guidelines in accordance with the scope of application of Regulation (EU) 2017/2402 as set out in its Article 1.

Addressees

8. These guidelines are addressed to the competent authorities referred to in Article 29(1) and (5) of Regulation (EU) No 2017/2402 and to the other addressees under the scope of that Regulation.

² 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 L347, 28.12.2017, p. 35).

3. Implementation

Date of application

9. These guidelines apply from 15.05.2019.

2. Criteria related to simplicity

4.1 True sale, assignment or transfer with the same legal effect, representations and warranties (Article 20(1)-(6))

True sale, assignment or transfer with the same legal effect

10. For the purposes of Article 20(1) of Regulation (EU) 2017/2402 and in order to substantiate the confidence of third parties, including third parties verifying simple, transparent and standardised (STS) compliance in accordance with Article 28 of that Regulation and competent authorities meeting the requirements specified therein, all of the following should be provided:
 - (a) confirmation of the true sale or confirmation that, under the applicable national framework, the assignment or transfer segregate the underlying exposures from the seller, its creditors and its liquidators, including in the event of the seller's insolvency, with the same legal effect as that achieved by means of true sale;
 - (b) confirmation of the enforceability of the true sale, assignment or transfer with the same legal effect referred to in point (a) against the seller or any other third party, under the applicable national legal framework;
 - (c) assessment of clawback risks and re-characterisation risks.
11. The confirmation of the aspects referred to in paragraph 10 should be achieved by the provision of a legal opinion provided by qualified external legal counsel, except in the case of repeat issuances in standalone securitisation structures or master trusts that use the same legal mechanism for the transfer, including instances in which the legal framework is the same.
12. The legal opinion referred to in paragraph 11 should be accessible and made available to any relevant third party verifying STS compliance in accordance with Article 28 of Regulation (EU) 2017/2402 and any relevant competent authority from among those referred to in Article 29 of that regulation.

Severe deterioration in the seller credit quality standing

13. For the purposes of Article 20(5) of Regulation (EU) 2017/2402, the transaction documentation should identify, with regard to the trigger of 'severe deterioration in the seller credit quality standing', credit quality thresholds that are objectively observable and related to the financial health of the seller.

Insolvency of the seller

14. For the purposes of Article 20(5) of Regulation (EU) 2017/2402, the trigger of ‘insolvency of the seller’ should refer, at least, to events of legal insolvency as defined in national legal frameworks.

4.2 Eligibility criteria for the underlying exposures, active portfolio management (Article 20(7))

Active portfolio management

15. For the purposes of Article 20(7) of Regulation (EU) 2017/2402, active portfolio management should be understood as portfolio management to which either of the following applies:
- (a) the portfolio management makes the performance of the securitisation dependent both on the performance of the underlying exposures and on the performance of the portfolio management of the securitisation, thereby preventing the investor from modelling the credit risk of the underlying exposures without considering the portfolio management strategy of the portfolio manager;
 - (b) the portfolio management is performed for speculative purposes aiming to achieve better performance, increased yield, overall financial returns or other purely financial or economic benefit.
16. The techniques of portfolio management that should not be considered active portfolio management include:
- (a) substitution or repurchase of underlying exposures due to the breach of representations or warranties;
 - (b) substitution or repurchase of the underlying exposures that are subject to regulatory dispute or investigation to facilitate the resolution of the dispute or the end of the investigation;
 - (c) replenishment of underlying exposures by adding underlying exposures as substitutes for amortised or defaulted exposures during the revolving period;
 - (d) acquisition of new underlying exposures during the ‘ramp up’ period to line up the value of the underlying exposures with the value of the securitisation obligations;
 - (e) repurchase of underlying exposures in the context of the exercise of clean-up call options, in accordance with Article 244(3)(g) of Regulation (EU) 2017/2401;
 - (f) repurchase of defaulted exposures to facilitate the recovery and liquidation process with respect to those exposures;

- (g) repurchase of underlying exposures under the repurchase obligation in accordance with Article 20(13) of Regulation (EU) 2017/2402.

Clear eligibility criteria

17. For the purposes of Article 20(7) of Regulation (EU) 2017/2402, the criteria should be understood to be 'clear' where compliance with them is possible to be determined by a court or tribunal, as a matter of law or fact or both.

Eligibility criteria to be met for exposures transferred to the SSPE after the closing of the transaction

18. For the purposes of Article 20(7) of Regulation (EU) 2017/2402, 'meeting the eligibility criteria applied to the initial underlying exposures' should be understood to mean eligibility criteria that comply with either of the following:
- (a) with regard to normal securitisations, they are no less strict than the eligibility criteria applied to the initial underlying exposures at the closing of the transaction;
 - (b) with regard to securitisations that issue multiple series of securities including master trusts, they are no less strict than the eligibility criteria applied to the initial underlying exposures at the most recent issuance, with the results that the eligibility criteria may vary from closing to closing, with the agreement of securitisation parties and in accordance with the transaction documentation.
19. Eligibility criteria to be applied to the underlying exposures in accordance with paragraph 18 should be specified in the transaction documentation and should refer to eligibility criteria applied at exposure level.

4.3 Homogeneity, obligations of the underlying exposures, periodic payment streams, no transferable securities (Article 20(8))

Contractually binding and enforceable obligations

20. For the purposes of Article 20(8) of Regulation (EU) 2017/2402, 'obligations that are contractually binding and enforceable, with full recourse to debtors and, where applicable, guarantors' should be understood to refer to all obligations contained in the contractual specification of the underlying exposures that are relevant to investors because they affect any obligations by the debtor and, where applicable, the guarantor to make payments or provide security.

Exposures with periodic payment streams

21. For the purposes of Article 20(8) of Regulation (EU) 2017/2402, exposures with defined periodic payment streams should include:

- (a) exposures payable in a single instalment in the case of revolving securitisation, as referred to in Article 20(12) of Regulation (EU) 2017/2402;
- (b) exposures related to credit card facilities;
- (c) exposures with instalments consisting of interest and where the principal is repaid at the maturity, including interest-only mortgages;
- (d) exposures with instalments consisting of interest and repayment of a portion of the principal, where either of the following conditions is met:
 - (i) the remaining principal is repaid at the maturity;
 - (ii) the repayment of the principal is dependent on the sale of assets securing the exposure, in accordance with Article 20(13) of Regulation (EU) 2017/2402 and paragraphs 47 to 49;
- (e) exposures with temporary payment holidays as contractually agreed between the debtor and the lender.

4.4 Underwriting standards, originator's expertise (Article 20(10))

Similar exposures

22. For the purposes of Article 20(10) of Regulation (EU) 2017/2402, exposures should be considered to be similar when one of the following conditions is met:

- (a) the exposures belong to one of the following asset categories referred to in the Delegated Regulation further specifying which underlying exposures are deemed to be homogeneous in accordance with Articles 20(8) and 24(15) of Regulation (EU) 2017/2402:
 - (i) residential loans secured with one or several mortgages on residential immovable property, or residential loans fully guaranteed by an eligible protection provider among those referred to in Article 201(1) of Regulation (EU) No 575/2013 qualifying for credit quality step 2 or above as set out in Part Three, Title II, Chapter 2 of that regulation;
 - (ii) commercial loans secured with one or several mortgages on commercial immovable property or other commercial premises;
 - (iii) credit facilities provided to individuals for personal, family or household consumption purposes;
 - (iv) auto loans and leases;
 - (v) credit card receivables;

- (vi) trade receivables;
- (b) the exposures fall under the asset category of credit facilities provided to micro-, small-, medium-sized and other types of enterprises and corporates including loans and leases, as referred to in Article 2(d) of the Delegated Regulation further specifying which underlying exposures are deemed to be homogeneous in accordance with Articles 20(8) and 24(15) of Regulation (EU) 2017/2402, as underlying exposures of a certain type of obligor;
- (c) where they do not belong to any of the asset categories referred to in points (a) and (b) of this paragraph and as referred to in the Delegated Regulation further specifying which underlying exposures are deemed to be homogeneous for the purposes of Articles 20(8) and 24(15) of Regulation (EU) 2017/2402, the underlying exposures share similar characteristics with respect to the type of obligor, ranking of security rights, type of immovable property and/or jurisdiction.

No less stringent underwriting standards

- 23. For the purposes of Article 20(10) of Regulation (EU) 2017/2402, the underwriting standards applied to securitised exposures should be compared to the underwriting standards applied to similar exposures at the time of origination of the securitised exposures.
- 24. Compliance with this requirement should not require either the originator or the original lender to hold similar exposures on its balance sheet at the time of the selection of the securitised exposures or at the exact time of their securitisation, nor should it require that similar exposures were actually originated at the time of origination of the securitised exposures.

Disclosure of material changes from prior underwriting standards

- 25. For the purposes of Article 20(10) of Regulation (EU) 2017/2402, material changes to the underwriting standards that are required to be fully disclosed should be understood to be those material changes to the underwriting standards that are applied to the exposures that are transferred to, or assigned by, the SSPE after the closing of the securitisation in the context of portfolio management as referred to in paragraphs 15 and 16.
- 26. Changes to such underwriting standards should be deemed material where they refer to either of the following types of changes to the underwriting standards:
 - (a) changes which affect the requirement of the similarity of the underwriting standards further specified in the Delegated Regulation further specifying which underlying exposures are deemed to be homogeneous in accordance with Articles 20(8) and 24(15) of Regulation (EU) 2017/2402;
 - (b) changes which materially affect the overall credit risk or expected average performance of the portfolio of underlying exposures without resulting in substantially

different approaches to the assessment of the credit risk associated with the underlying exposures.

27. The disclosure of all changes to underwriting standards should include an explanation of the purpose of such changes.
28. With regard to trade receivables that are not originated in the form of a loan, reference to underwriting standards in Article 20(10) should be understood to refer to credit standards applied by the seller to short-term credit generally of the type giving rise to the securitised exposures and proposed to its customers in relation to the sales of its products and services.

Residential loans

29. For the purposes of Article 20(10) of Regulation (EU) 2017/2402, the pool of underlying exposures should not include residential loans that were both marketed and underwritten on the premise that the loan applicant or intermediaries were made aware that the information provided might not be verified by the lender.
30. Residential loans that were underwritten but were not marketed on the premise that the loan applicant or intermediaries were made aware that the information provided might not be verified by the lender, or become aware after the loan was underwritten, are not captured by this requirement.
31. For the purposes of Article 20(10) of Regulation (EU) 2017/2402, the 'information' provided should be considered to be only relevant information. The relevance of the information should be based on whether the information is a relevant underwriting metric, such as information considered relevant for assessing the creditworthiness of a borrower, for assessing access to collateral and for reducing the risk of fraud.
32. Relevant information for general non-income-generating residential mortgages should normally be considered to constitute income, and relevant information for income-generating residential mortgages should normally be considered to constitute rental income. Information that is not useful as an underwriting metric, such as mobile phone numbers, should not be considered relevant information.

Equivalent requirements in third countries

33. For the purposes of Article 20(10) of Regulation (EU) 2017/2402, the assessment of the creditworthiness of borrowers in third countries should be carried out based on the following principles, where appropriate, as specified in Directives 2008/48/EC and 2014/17/EC:
 - (a) before the conclusion of a credit agreement, on the basis of sufficient information, the lender assesses the borrower's creditworthiness on the basis of sufficient information, where appropriate obtained from the borrower and, where necessary, on the basis of a consultation of the relevant database;

- (b) if the parties agree to change the total amount of credit after the conclusion of the credit agreement, the lender should update the financial information at its disposal concerning the borrower and should assess the borrower's creditworthiness before any significant increase in the total amount of credit;
- (c) the lender should make a thorough assessment of the borrower's creditworthiness before concluding a credit agreement, taking appropriate account of factors relevant to verifying the prospect of the borrower's meeting his or her obligations under the credit agreement;
- (d) the procedures and information on which the assessment is based should be documented and maintained;
- (e) the assessment of creditworthiness should not rely predominantly on the value of the residential immovable property exceeding the amount of the credit or the assumption that the residential immovable property will increase in value unless the purpose of the credit agreement is to construct or renovate the residential immovable property;
- (f) the lender should not be able to cancel or alter the credit agreement once concluded to the detriment of the borrower on the grounds that the assessment of creditworthiness was incorrectly conducted;
- (g) the lender should make the credit available to the borrower only where the result of the creditworthiness assessment indicates that the obligations resulting from the credit agreement are likely to be met in the manner required under that agreement;
- (h) the borrower's creditworthiness should be re-assessed on the basis of updated information before any significant increase in the total amount of credit is granted after the conclusion of the credit agreement unless such additional credit was envisaged and included in the original creditworthiness assessment.

Criteria for determining the expertise of the originator or original lender

34. For the purposes of determining whether an originator or original lender has expertise in originating exposures of a similar nature to those securitised in accordance with Article 20(10) of Regulation (EU) 2017/2402, both of the following should apply:
- (a) the members of the management body of the originator or original lender and the senior staff, other than the members of the management body, responsible for managing the originating of exposures of a similar nature to those securitised should have adequate knowledge and skills in the origination of exposures of a similar nature to those securitised;
 - (b) any of the following principles on the quality of the expertise should be taken into account:

- (i) the role and duties of the members of the management body and the senior staff and the required capabilities should be adequate;
- (ii) the experience of the members of the management body and the senior staff gained in previous positions, education and training should be sufficient;
- (iii) the involvement of the members of the management body and the senior staff within the governance structure of the function of originating the exposures should be appropriate;
- (iv) in the case of a prudentially regulated entity, the regulatory authorisations or permissions held by the entity should be deemed relevant to origination of exposures of a similar nature to those securitised.

35. An originator or original lender should be deemed to have the required expertise when either of the following applies:

- (a) the business of the entity, or of the consolidated group to which the entity belongs for accounting or prudential purposes, has included the originating of exposures similar to those securitised, for at least five years;
- (b) where the requirement referred to in point (a) is not met, the originator or original lender should be deemed to have the required expertise where they comply with both of the following:
 - (i) at least two of the members of the management body have relevant professional experience in the origination of exposures similar to those securitised, at a personal level, of at least five years;
 - (ii) senior staff, other than members of the management body, who are responsible for managing the entity's originating of exposures similar to those securitised, have relevant professional experience in the origination of exposures of a similar nature to those securitised, at a personal level, of at least five years.

36. For the purposes of demonstrating the number of years of professional experience, the relevant expertise should be disclosed in sufficient detail and in accordance with the applicable confidentiality requirements to permit investors to carry out their obligations under Article 5(3)(c) of Regulation (EU) 2017/2402.

4.5 No exposures in default and to credit-impaired debtors/guarantors (Article 20(11))

Exposures in default

37. For the purposes of the first subparagraph of Article 20(11) of Regulation (EU) 2017/2402, the exposures in default should be interpreted in the meaning of Article 178(1) of Regulation (EU) 575/2013, as further specified by the Delegated Regulation on the materiality threshold for

credit obligations past due developed in accordance with Article 178 of that Regulation, and by the EBA Guidelines on the application of the definition of default developed in accordance with Article 178(7) of that regulation.

38. Where an originator or original lender is not an institution and is therefore not subject to Regulation (EU) 575/2013, the originator or original lender should comply with the guidance provided in the previous paragraph to the extent that such application is not deemed to be unduly burdensome. In that case, the originator or original lender should apply the established processes and the information obtained from debtors on origination of the exposures, information obtained from the originator in the course of its servicing of the exposures or in the course of its risk management procedure or information notified to the originator by a third party.

Exposures to a credit-impaired debtor or guarantor

39. For the purposes of Article 20(11) of Regulation (EU) 2017/2402, the circumstances specified in points (a) to (c) of that paragraph should be understood as definitions of credit-impairedness. Other possible circumstances of credit-impairedness that are not captured in points (a) to (c) should be considered to be excluded from this requirement.
40. The prohibition of the selection and transfer to SSPE of underlying exposures ‘to a credit-impaired debtor or guarantor’ as referred to in Article 20(11) of Regulation (EU) 2017/2402 should be understood as the requirement that, at the time of selection, there should be a recourse for the full securitised exposure amount to at least one non-credit-impaired party, irrespective of whether that party is a debtor or a guarantor. Therefore, the underlying exposures should not include either of the following:
- (a) exposures to a credit-impaired debtor, when there is no guarantor for the full securitised exposure amount;
 - (b) exposures to a credit-impaired debtor who has a credit-impaired guarantor.

To the best of the originator’s or original lender’s knowledge

41. For the purposes of Article 20(11) of Regulation (EU) 2017/2402, the ‘best knowledge’ standard should be considered to be fulfilled on the basis of information obtained only from any of the following combinations of sources and circumstances:
- (a) debtors on origination of the exposures;
 - (b) the originator in the course of its servicing of the exposures or in the course of its risk management procedures;
 - (c) notifications to the originator by a third party;

- (d) publicly available information or information on any entries in one or more credit registries of persons with adverse credit history at the time of origination of an underlying exposure, only to the extent that this information had already been taken into account in the context of (a), (b) and (c), and in accordance with the applicable regulatory and supervisory requirements, including with respect to sound credit granting criteria as specified in Article 9 of Regulation (EU) 2017/2402. This is with the exception of trade receivables that are not originated in the form of a loan, with respect to which credit-granting criteria do not need to be met.

Exposures to credit-impaired debtors or guarantors that have undergone a debt-restructuring process

42. For the purposes of Article 20(11)(a) of Regulation (EU) 2017/2402, the requirement to exclude exposures to credit-impaired debtors or guarantors who have undergone a debt-restructuring process with regard to their non-performing exposures should be understood to refer to both the restructured exposures of the respective debtor or guarantor and those of its exposures that were not themselves subject to restructuring. For the purposes of this Article, restructured exposures which meet the conditions of points (i) and (ii) of that Article should not result in a debtor or guarantor becoming designated as credit-impaired.

Credit registry

43. The requirement referred to in Article 20(11)(b) of Regulation (EU) 2017/2402 should be limited to exposures to debtors or guarantors to which both of the following requirements apply at the time of origination of the underlying exposure:
- (a) the debtor or guarantor is explicitly flagged in a credit registry as an entity with adverse credit history due to negative status or negative information stored in the credit registry;
 - (b) the debtor or guarantor is on the credit registry for reasons that are relevant to the purposes of the credit risk assessment.

Risk of contractually agreed payments not being made being significantly higher than for comparable exposures

44. For the purposes of Article 20(11)(c) of Regulation (EU) 2017/2402, the exposures should not be considered to have a 'credit assessment of a credit score indicating that the risk of contractually agreed payments not being made is significantly higher than for comparable exposures held by the originator which are not securitised' when the following conditions apply:
- (a) the most relevant factors determining the expected performance of the underlying exposures are similar;

- (b) as a result of the similarity referred to in point (a) it could reasonably have been expected, on the basis of indications such as past performance or applicable models, that, over the life of the transaction or over a maximum of four years, where the life of the transaction is longer than four years, their performance would not be significantly different.

45. The requirement in the previous paragraph should be considered to have been met where either of the following applies:

- (a) the underlying exposures do not include exposures that are classified as doubtful, impaired, non-performing or classified to the similar effect under the relevant accounting principles;
- (b) the underlying exposures do not include exposures whose credit quality, based on credit ratings or other credit quality thresholds, significantly differs from the credit quality of comparable exposures that the originator originates in the course of its standard lending operations and credit risk strategy.

4.6 At least one payment made (Article 20(12))

Scope of the criterion

46. For the purposes of Article 20(12) of Regulation (EU) 2017/2402, further advances in terms of an exposure to a certain borrower should not be deemed to trigger a new 'at least one payment' requirement with respect to such an exposure.

At least one payment

47. For the purposes of Article 20(12) of Regulation (EU) 2017/2402, the payment referred to in the requirement according to which 'at least one payment' should have been made at the time of transfer should be a rental, principal or interest payment or any other kind of payment.

4.7 No predominant dependence on the sale of assets (Article 20(13))

Predominant dependence on the sale of assets

48. For the purposes of Article 20(13) of Regulation (EU) 2017/2402, transactions where all of the following conditions apply, at the time of origination of the securitisation in cases of amortising securitisation or during the revolving period in cases of revolving securitisation, should be considered not predominantly dependent on the sale of assets securing the underlying exposures, and therefore allowed:

- (a) the contractually agreed outstanding principal balance, at contract maturity of the underlying exposures that depend on the sale of the assets securing those underlying exposures to repay the principal balance, corresponds to no more than 50% of the total initial exposure value of all securitisation positions of the securitisation;

- (b) the maturities of the underlying exposures referred to in point (a) are not subject to material concentrations and are sufficiently distributed across the life of the transaction;
- (c) the aggregate exposure value of all the underlying exposures referred to in point (a) to a single obligor does not exceed 2% of the aggregate exposure value of all underlying exposures in the securitisation.

49. Where there are no underlying exposures in the securitisation that depend on the sale of assets to repay their outstanding principal balance at contract maturity, the requirements in paragraph 48 should not apply.

Exemption provided in the second subparagraph of Article 20(13) of Regulation (EU) 2017/2402

50. The exemption referred to in the second subparagraph of Article 20(13) of Regulation (EU) 2017/2402 with regard to the repayment of holders of securitisation positions whose underlying exposures are secured by assets, the value of which is guaranteed or fully mitigated by a repurchase obligation of either the assets securing the underlying exposures or of the underlying exposures themselves by another third party or parties, the seller or the third parties should meet both of the following conditions:

- (a) they are not insolvent;
- (b) there is no reason to believe that the entity would not be able to meet its obligations under the guarantee or the repurchase obligation.

5. Criteria related to standardisation

5.1 Appropriate mitigation of interest-rate and currency risks (Article 21(2))

Appropriate mitigation of interest-rate and currency risks

51. For the purposes of Article 21(2) of Regulation (EU) 2017/2402 in order for the interest-rate and currency risks arising from the securitisation to be considered ‘appropriately mitigated’, it should be sufficient that a hedge or mitigation is in place, on condition that it is not unusually limited with the effect that it covers a major share of the respective interest-rate or currency risks under relevant scenarios, understood from an economic perspective. Such a mitigation may also be in the form of derivatives or other mitigating measures including reserve funds, overcollateralisation, excess spread or other measures.
52. Where the appropriate mitigation of interest-rate and currency risks is carried out through derivatives, all of the following requirements should apply:
- (a) the derivatives should be used only for genuine hedging of asset and liability mismatches of interest rates and currencies, and should not be used for speculative purposes;
 - (b) the derivatives should be based on commonly accepted documentation, including International Swaps or Derivatives Association (ISDA) or similar established national documentation standards;
 - (c) the derivative documentation should provide, in the event of the loss of sufficient creditworthiness of the counterparty below a certain level, measured either on the basis of the credit rating or otherwise, that the counterparty is subject to collateralisation requirements or makes a reasonable effort for its replacement or guarantee by another counterparty.
53. Where the mitigation of interest-rate and currency risks referred to in Article 21(2) of Regulation (EU) 2017/2402 is carried out not through derivatives but by other risk-mitigating measures, those measures should be designed to be sufficiently robust. When such risk-mitigating measures are used to mitigate multiple risks at the same time, the disclosure required by Article 21(2) of Regulation (EU) 2017/2402 should include an explanation of how the measures hedge the interest-rate risks and currency risks on one hand, and other risks on the other hand.
54. The measures referred to in paragraphs 52 and 53, as well as the reasoning supporting the appropriateness of the mitigation of the interest-rate and currency risks through the life of the transaction, should be disclosed.

Derivatives

55. For the purpose of Article 21(2) of Regulation (EU) 2017/2402, exposures in the pool of underlying exposures that merely contain a derivative component exclusively serving the purpose of directly hedging the interest-rate or currency risk of the respective underlying exposure itself, which are not themselves derivatives, should not be understood to be prohibited.

Common standards in international finance

56. For the purposes of Article 21(2) of Regulation (EU) 2017/2402, common standards in international finance should include ISDA or similar established national documentation standards.

5.2 Referenced interest payments (Article 21(3))

Referenced rates

57. For the purposes of Article 21(3) of Regulation (EU) 2017/2402, interest rates that should be considered to be an adequate reference basis for referenced interest payments should include all of the following:

- (a) interbank rates including the Libor, Euribor and other recognised benchmarks;
- (b) rates set by monetary policy authorities, including FED funds rates and central banks' discount rates;
- (c) sectoral rates reflective of a lender's cost of funds, including standard variable rates and internal interest rates that directly reflect the market costs of funding of a bank or a subset of institutions, to the extent that sufficient data are provided to investors to allow them to assess the relation of the sectoral rates to other market rates.

Complex formulae or derivatives

58. For the purposes of Article 21(3) of Regulation (EU) 2017/2402, a formula should be considered to be complex when it meets the definition of an exotic instrument by the Global Association of Risk Professionals (GARP), which is a financial asset or instrument with features that make it more complex than simpler, plain vanilla, products. A complex formula or derivative should not be deemed to exist in the case of the mere use of interest-rate caps or floors.

5.3 Requirements in the event of enforcement or delivery of an acceleration notice (Article 21(4))

Exceptional circumstances

59. For the purposes of Article 21(4)(a) of Regulation (EU) 2017/2402, a list of 'exceptional circumstances' should, to the extent possible, be included in the transaction documentation.

60. Given the nature of ‘exceptional circumstances’ and in order to allow some flexibility with respect to potential unusual circumstances requiring that cash be trapped in the SSPE in the best interests of investors, where a list of ‘exceptional circumstances’ is included in the transaction documentation in accordance with paragraph 59, such a list should be non-exhaustive.

Amount trapped in the SSPE in the best interests of investors

61. For the purposes of Article 21(4)(a) of Regulation (EU) 2017/2402, the amount of cash to be considered as trapped in the SSPE should be that agreed by the trustee or other representative of the investors who is legally required to act in the best interests of the investors, or by the investors in accordance with the voting provisions set out in the transaction documentation.
62. For the purposes of Article 21(4)(a) of Regulation (EU) 2017/2402, it should be permissible to trap the cash in the SSPE in the form of a reserve fund for future use, as long as the use of the reserve fund is exclusively limited to the purposes set out in Article 21(4)(a) of Regulation (EU) 2017/2402 or to orderly repayment to the investors.

Repayment

63. The requirements in Article 21(4)(b) of Regulation (EU) 2017/2402 should be understood as covering only the repayment of the principal, without covering the repayment of interest.
64. For the purposes of Article 21(4)(b) of Regulation (EU) 2017/2402, non-sequential payments of principal in a situation where an enforcement or an acceleration notice has been delivered should be prohibited. Where there is no enforcement or acceleration event, principal receipts could be allowed for replenishment purposes pursuant to Article 20(12)) of that Regulation.

Liquidation of the underlying exposures at market value

65. For the purposes of Article 21(4)(d) of Regulation (EU) 2017/2402, the investors’ decision to liquidate the underlying exposures at market value should not be considered to constitute an automatic liquidation of the underlying exposures at market value.

5.4 Non-sequential priority of payments (Article 21(5))

Performance-related triggers

66. For the purposes of Article 21(5) of Regulation (EU) 2017/2402, the triggers related to the deterioration in the credit quality of the underlying exposures may include the following:
- (a) with regard to underlying exposures for which a regulatory expected loss (EL) can be determined in accordance with Regulation (EU) 575/2013 or other relevant EU regulation, cumulative losses that are higher than a certain percentage of the regulatory one-year EL on the underlying exposures and the weighted average life of the transaction;

- (b) cumulative non-matured defaults that are higher than a certain percentage of the sum of the outstanding nominal amount of tranche held by the investors and the tranches that are subordinated to them;
- (c) the weighted average credit quality in the portfolio decreasing below a given pre-specified level or the concentration of exposures in high credit risk (probability of default) buckets increasing above a pre-specified level.

5.5 Early amortisation provisions/triggers for termination of the revolving period (Article 21(6))

Insolvency-related event with regard to the servicer

67. For the purposes of Article 21(6)(b) of Regulation (EU) 2017/2402, an insolvency-related event with respect to the servicer should lead to both of the following:
- (a) it should enable the replacement of the servicer in order to ensure continuation of the servicing;
 - (b) it should trigger the termination of the revolving period.

5.6 Expertise of the servicer (Article 21(8))

Criteria for determining the expertise of the servicer

68. For the purposes of determining whether a servicer has expertise in servicing exposures of a similar nature to those securitised in accordance with Article 21(8) of Regulation (EU) 2017/2402, both of the following should apply:
- (a) the members of the management body of the servicer and the senior staff, other than members of the management body, responsible for servicing exposures of a similar nature to those securitised should have adequate knowledge and skills in the servicing of exposures similar to those securitised;
 - (b) any of the following principles on the quality of the expertise should be taken into account in the determination of the expertise:
 - (i) the role and duties of the members of the management body and the senior staff and the required capabilities should be adequate;
 - (ii) the experience of the members of the management body and the senior staff gained in previous positions, education and training should be sufficient;
 - (iii) the involvement of the members of the management body and the senior staff within the governance structure of the function of servicing the exposures should be appropriate;

- (iv) in the case of a prudentially regulated entity, the regulatory authorisations or permissions held by the entity should be deemed relevant to the servicing of similar exposures to those securitised.

69. A servicer should be deemed to have the required expertise where either of the following applies:

- (a) the business of the entity, or of the consolidated group, to which the entity belongs, for accounting or prudential purposes, has included the servicing of exposures of a similar nature to those securitised, for at least five years;
- (b) where the requirement referred to in point (a) is not met, the servicer should be deemed to have the required expertise where they comply with both of the following:
 - (i) at least two of the members of its management body have relevant professional experience in the servicing of exposures of a similar nature to those securitised, at personal level, of at least five years;
 - (ii) senior staff, other than members of the management body, who are responsible for managing the entity's servicing of exposures of a similar nature to those securitised, have relevant professional experience in the servicing of exposures of a similar nature to those securitised, at a personal level, of at least five years;
 - (iii) the servicing function of the entity is backed by the back-up servicer compliant with point (a).

70. For the purpose of demonstrating the number of years of professional experience, the relevant expertise should be disclosed in sufficient detail and in accordance with the applicable confidentiality requirements to permit investors to carry out their obligations under Article 5(3)(c) of Regulation (EU) 2017/2402.

Exposures of similar nature

71. For the purposes of Article 21(8) of Regulation (EU) 2017/2402, interpretation of the term 'exposures of similar nature' should follow the interpretation provided in paragraph 23 above.

Well-documented and adequate policies, procedures and risk management controls

72. For the purposes of Article 21(8) of Regulation (EU) 2017/2402, the servicer should be considered to have well documented and adequate policies, procedures and risk management controls relating to servicing of exposures' where either of the following conditions is met:

- (a) The servicer is an entity that is subject to prudential and capital regulation and supervision in the Union and such regulatory authorisations or permissions are deemed relevant to the servicing;

- (b) The servicer is an entity that is not subject to prudential and capital regulation and supervision in the Union, and a proof of existence of well-documented and adequate policies and risk management controls is provided that also includes a proof of adherence to good market practices and reporting capabilities. The proof should be substantiated by an appropriate third party review, such as by a credit rating agency or external auditor.

5.7 Remedies and actions related to delinquency and default of debtor (Article 21(9))

Clear and consistent terms

For the purposes of Article 21(9) of Regulation (EU) 2017/2402, to ‘set out clear and consistent terms’ and to ‘clearly specify’ should be understood as requiring that the same precise terms are used throughout the transaction documentation in order to facilitate the work of investors.

5.8 Resolution of conflicts between different classes of investors (Article 21(10))

Clear provisions facilitating the timely resolution of conflicts between different classes of investors

73. For the purposes of Article 21(10) of Regulation (EU) 2017/2402, provisions of the transaction documentation that ‘facilitate the timely resolution of conflicts between different classes of investors’, should include provisions with respect to all of the following:

- (a) the method for calling meetings or arranging conference calls;
- (b) the maximum timeframe for setting up a meeting or conference call;
- (c) the required quorum;
- (d) the minimum threshold of votes to validate such a decision, with clear differentiation between the minimum thresholds for each type of decision;
- (e) where applicable, a location for the meetings which should be in the Union.

74. For the purposes of Article 21(10) of Regulation (EU) 2017/2402, where mandatory statutory provisions exist in the applicable jurisdiction that set out how conflicts between investors have to be resolved, the transaction documentation may refer to these provisions.

6. Criteria related to transparency

6.1 Data on historical default and loss performance (Article 22(1))

Data

75. For the purposes of Article 22(1) of Regulation (EU) 2017/2402, where the seller cannot provide data in line with the data requirements contained therein, external data that are publicly available or are provided by a third party, such as a rating agency or another market participant, may be used, provided that all of the other requirements of that article are met.

Substantially similar exposures

76. For the purposes of Article 22(1) of Regulation (EU) 2017/2402, the term 'substantially similar exposures' should be understood as referring to exposures for which both of the following conditions are met:

- (a) the most relevant factors determining the expected performance of the underlying exposures are similar;
- (b) as a result of the similarity referred to in point (a) it could reasonably have been expected, on the basis of indications such as past performance or applicable models, that, over the life of the transaction, or over a maximum of four years, where the life of the transaction is longer than four years, their performance would not be significantly different.

77. The substantially similar exposures should not be limited to exposures held on the balance sheet of the originator.

6.2 Verification of a sample of the underlying exposures (Article 22(2))

Sample of the underlying exposures subject to external verification

78. For the purposes of Article 22(2) of Regulation (EU) 2017/2402, the underlying exposures that should be subject to verification prior to the issuance should be a representative sample of the provisional portfolio from which the securitised pool is extracted and which is in a reasonably final form before issuance.

Party executing the verification

79. For the purposes of Article 22(2) of Regulation (EU) 2017/2402, an appropriate and independent party should be deemed to be a party that meets both of the following conditions:

- (a) it has the experience and capability to carry out the verification;

- (b) it is none of the following:
 - (i) a credit rating agency;
 - (ii) a third party verifying STS compliance in accordance with Article 28 of Regulation (EU) 2017/2402;
 - (iii) an entity affiliated to the originator.

Scope of the verification

80. For the purposes of Article 22(2) of Regulation (EU) 2017/2402, the verification to be carried out based on the representative sample, applying a confidence level of at least 95%, should include both of the following:

- (a) verification of the compliance of the underlying exposures in the provisional portfolio with the eligibility criteria that are able to be tested prior to issuance;
- (b) verification of the fact that the data disclosed to investors in any formal offering document in respect of the underlying exposures is accurate.

Confirmation of the verification

81. For the purposes of Article 22(2) of Regulation (EU) 2017/2402, confirmation that this verification has occurred and that no significant adverse findings have been found should be disclosed.

6.3 Liability cash flow model (Article 22(3))

Precise representation of the contractual relationship

82. For the purposes of Article 22(3) of Regulation (EU) 2017/2402, the representation of the contractual relationships between the underlying exposures and the payments flowing among the originator, sponsor, investors, other parties and the SSPE should be considered to have been done 'precisely' where it is done accurately and with an amount of detail sufficient to allow investors to model payment obligations of the SSPE and to price the securitisation accordingly. This may include algorithms that permit investors to model a range of different scenarios that will affect cash flows, such as different prepayment or default rates.

Third parties

83. For the purposes of Article 22(3) of Regulation (EU) 2017/2402, where the liability cash flow model is developed by third parties, the originator or sponsor should remain responsible for making the information available to potential investors.

6.4 Environmental performance of assets (Article 22(4))

Available information related to the environmental performance

84. This requirement should be applicable only if the information on the energy performance certificates for the assets financed by the underlying exposures is available to the originator, sponsor or the SSPE and captured in its internal database or IT systems. Where information is available only for a proportion of the underlying exposures, the requirement should apply only in respect of the proportion of the underlying exposures for which information is available.