

Report on unsolicited credit assessments (Article 138 CRR)

17 May 2016

# Report

accompanying the Decision of the EBA confirming that the unsolicited credit assessments of certain ECAIs do not differ in quality from their solicited credit assessments (Article 138 CRR)



## Summary of the analysis and final outcomes

- 1. This report describes the outcomes of the analyses carried out by the European Banking Authority (EBA) for the External Credit Assessment Institutions (ECAIs) covered in the 'Decision of the European Banking Authority confirming that the unsolicited credit assessments of certain ECAIs do not differ in quality from their solicited credit assessments' (Decision) in the context of the mandate under Article 138 of Regulation (EU) No 575/2013<sup>1</sup> (Capital Requirements Regulation CRR). This document is, therefore, to be considered as a report supplementing the Decision through which the EBA provides its stakeholders with transparent information on its considerations regarding the ECAIs' unsolicited credit assessments for the purposes of capital requirements calculations.
- An ECAI is defined in Article 4(98) of the CRR as any credit rating agency (CRA) that is registered or certified in accordance with Regulation (EC) No 1060/2009<sup>2</sup> (CRA Regulation), or a central bank issuing credit ratings which are exempt from the application of Regulation (EC) No 1060/2009.
- 3. Article 138 of the CRR permits the usage of unsolicited credit assessments of an ECAI for the purpose of capital requirements computation if the EBA has confirmed that they do not differ in quality from solicited credit assessments of that ECAI. In addition, the EBA shall refuse or revoke the confirmation if the ECAI has used an unsolicited credit assessment to put pressure on the rated entity to place an order for a credit assessment or other services. It should be emphasised that, in this context, the unsolicited ratings of an ECAI are compared with the solicited ratings of that same ECAI, and this exercise is not meant to compare credit ratings across different ECAIs.

#### Definition of unsolicited credit rating and scope of the assessment

4. The CRR does not provide a definition for unsolicited credit assessment. However, as the CRA Regulation provides further guidance on the applicable definition of unsolicited rating,<sup>3</sup> the provisions of the CRA Regulation are also relevant for the purposes of Article 138 of the CRR. Nonetheless, the information collected by the EBA at the time the assessment was made has shown that ECAIs adopted different definitions of unsolicited rating. In that situation, the EBA considered it appropriate to classify the credit ratings of a specific ECAI in accordance with the definition of unsolicited rating applied by that ECAI, unless such definition was in contradiction with the CRA Regulation provisions. On the other hand, to address these misalignments, the

<sup>&</sup>lt;sup>1</sup> Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms, and amending Regulation (EU) No 648/2012 (OJ L 176, 27.6.2013, p. 1).

<sup>&</sup>lt;sup>2</sup> Regulation (EC) No 1060/2009 of the European Parliament and of the Council of 16 September 2009 on credit rating agencies (OJ L 302, 17.11.2009, p. 1).

 $<sup>^{3}</sup>$  Refer to Recital 21 of the CRA Regulation and to Article 3(1)(x) of that same regulation (as amended by Regulation (EU) No 462/2013 of the European Parliament and of the Council of 21 May 2013).



European Securities and Markets Authority (ESMA) issued a Q&A<sup>4</sup> on the definition of unsolicited rating to clarify its views on the interpretation of the CRA Regulation provisions.

- 5. Therefore credit ratings of ECAIs assessed under the Decision were classified depending on the definition of unsolicited rating each ECAI was employing at the time the assessment was made. This approach has been undertaken to possibly consider the available historical information on ECAIs' unsolicited ratings, especially in relation to the quantitative data available for such ratings. In particular, the data processed by the EBA for the purposes of the assessment is the one present in the CEREP<sup>5</sup> database. As ECAIs submitted data to CEREP according to their own definitions of unsolicited rating, this did not allow an assessment of such information using a common definition for all ECAIs. In addition, the current analysis has actually been one of the triggers for the Q&A; therefore, the EBA deemed that, at this stage, the Decision should be based on the available information at the time the assessment was made. This would also help avoid the overly delay in relation to the entry into force of the Decision, especially in view of the impact of the Q&A on how ECAIs classify their unsolicited ratings, their policies, and how those ratings are used by institutions for regulatory purposes. Nevertheless, the EBA will continue to monitor the performances of unsolicited ratings, as well as the adoption process by ECAIs of the definition of unsolicited rating as further specified in the Q&A<sup>6</sup>, and the EBA will take action in the context of the Decision should it become appropriate.
- 6. Two ECAIs, *Banque de France* and *The Economist Intelligence Unit Ltd*, exclusively assigned unsolicited credit ratings when the assessment was made. For these ECAIs, the EBA confirms the use of their unsolicited ratings in the context of Article 138 of the CRR, given that no conflicts of interest can be expected due to the absence of an 'issuer-pays' model and taking into account the considerations stated in Recital 98 of the CRR, which relate to opening the market to other undertakings in the CRAs market. Any issue regarding the quality of unsolicited ratings in this situation will be directly reflected in the mapping:<sup>7</sup> if, for example, limited access to information negatively affects the quality of these ratings, then the default rates of the rating categories of these ECAIs will not be as low as expected, leading to a more conservative mapping for these ECAIs.
- 7. In cases where the ECAI does not assign unsolicited credit ratings, the EBA does not need to confirm the use of unsolicited ratings for that ECAI in the context of Article 138 of the CRR.
- 8. For the remaining ECAIs which, at the time the assessment was made, assigned (or may assign) both solicited and unsolicited credit ratings, the EBA performed an assessment exercise aimed

<sup>&</sup>lt;sup>4</sup> https://www.esma.europa.eu/file/13634/download?token=05de9eN\_

<sup>&</sup>lt;sup>5</sup> CEREP is the central repository owned by ESMA to which all registered/certified CRAs have to report their credit assessments. http://cerep.esma.europa.eu/cerep-web/

<sup>&</sup>lt;sup>6</sup> It should be noted that ESMA plays an active role in this regard due to its supervisory duties over credit rating agencies.

<sup>&</sup>lt;sup>7</sup> Please consider the draft ITS on the mapping of ECAIs' credit assessments under Article 136(1) and (3) of the CRR and available at http://www.eba.europa.eu/regulation-and-policy/external-credit-assessment-institutions-ecai/draft-implementing-technical-standards-on-the-mapping-of-ecais-credit-assessments



at addressing the mandate under Article 138 of the CRR. This assessment exercise envisaged an analysis for each ECAI of quantitative and qualitative factors as described below.

9. Due to the possible confidential nature of the information submitted by ECAIs to the EBA in the context of the assessment exercise on unsolicited ratings, ECAIs have been required to provide their consent for the publication of the information contained in this report. Indeed, the EBA, in line with its objectives and best practices, wished to provide (through this report) transparent information to its stakeholders regarding its work and the results obtained on unsolicited credit ratings for the purposes of own funds calculation by institutions. In this context, it was especially considered that ECAIs had the proper incentives and were best placed to provide the consent for the publication and disclosure of information describing the quality of their ratings. Accordingly, all ECAIs but one, *Euler Hermes Rating GmbH*, provided their consent for the publication of their information. It follows that the information considered by the EBA for that ECAI is not presented in this report.

#### Main features of the assessment

- 10. With regard to the quantitative factors, the data source used for the assessment was the CEREP database. This ensured common treatment across ECAIs and the reliability of the information processed, as this data is submitted for regulatory purposes by ECAIs to ESMA under standardised rules.<sup>8</sup> The CEREP data used by the EBA at the time the assessment was made covered up until 30 June 2014.<sup>9</sup> Quantitative analyses to be potentially applied for each ECAI consisted of: i) the analysis of the distributions of solicited and unsolicited ratings (exante distribution), ii) the analysis of the time evolution of solicited (unsolicited) ratings in relation to changes in rating category following a shift in solicitation type (ex-ante dynamics), and iii) the analysis of the discriminatory power of the credit ratings systems depending on their solicitation type (ex-post analysis). This last analysis was performed considering the area under the receiver operating characteristic curve (AUROC) statistic.
- 11.Further details relative to the above paragraph can be found in Appendix 1. Calculations have been performed by the EBA on the CEREP data, and the obtained results have been shared with ECAIs, which have been asked to comment on them and provide additional information where relevant. The main findings were strongly affected by the available data in the CEREP database, which did not allow for thorough statistical analyses (in relation to the solicited versus unsolicited ratings comparison). Although dependent upon the singular analysis, this has been especially magnified by the fact that, in order to provide statistically sound outcomes, sufficient data are required not only on an aggregate level but also on

<sup>&</sup>lt;sup>8</sup> ECAIs submitted data in CEREP in accordance with Commission Delegated Regulation (EU) No 448/2012 of 21 March 2012, which has been repealed by Commission Delegated Regulation (EU) 2015/2 of 30 September 2014.

<sup>&</sup>lt;sup>9</sup> It should be noted that, since ECAIs submit data to CEREP which is managed by ESMA, there is a time gap before the EBA receives access to the most updated CEREP data. This might also create a misalignment between the types of credit ratings an ECAI states to assign, and the ones actually submitted. It is also intention of the EBA to monitor, and update if appropriate, this assessment exercise under Article 138 CRR: this would allow to consider any developments related to the assignment of unsolicited ratings by ECAIs as well as new data submitted by them in CEREP.



homogeneous subsets of credit ratings.<sup>10</sup> This requires additional segmentation of the data and, therefore, even greater data availability.

- 12.Figure 1 and Figure 2 of Appendix 1 show the ECAIs that, at the time the assessment was made, had for credit ratings of type 'Corporate' or 'Sovereign and& Public Finance', both long term solicited and unsolicited ratings in CEREP. Such *high-level* categorisation<sup>11</sup> of the CEREP data should provide evidence with respect to the materiality of the data availability issue. Therefore, analyses were performed selectively on ECAIs depending on required minimum sample sizes (which were different across candidate analyses), leading to very few ECAIs undergoing a comprehensive assessment. For the remaining ECAIs, no quantitative considerations were made due to data availability limitations. In addition, also for ECAIs that underwent the selected analyses, these have been generally affected by the limited data, and in most cases this has not allowed for granular evaluations, resulting in less reliable outcomes. The achieved results have, nonetheless, been considered as an *indication* for the need (or not) of further investigations with regard to the use of unsolicited ratings of those ECAIs under Article 138 of the CRR.
- 13.As outlined in paragraph 5, ECAIs have been submitting to CEREP credit ratings classified according to different definitions, and these definitions have been considered when analysing the available data. In the case of the ECAI *Cerved Rating Agency* which was only classifying as solicited its credit ratings, and accordingly storing them in CEREP, but which will need to adjust its classification due to the Q&A, only qualitative factors have been considered. Apart from the reasons outlined in paragraph 5, this approach has been considered consistent with the one followed for ECAIs presenting little quantitative information, or consistent with the approach followed for those ECAIs showing both solicited and unsolicited ratings but that will have to adjust their classifications according to the Q&A interpretation. In the meantime the EBA will be updated by ESMA on the alignment process by ECAIs to the Q&A as well as on the ratings stored in CEREP, and the EBA will assess whether further action should be taken in the context of the Decision.
- 14. With respect to the qualitative analysis, a set of information relative to specific criteria was submitted by each ECAI to the EBA, which is presented in Appendix 2. These selective criteria/factors consisted of: i) analysis of differences with respect to the assignment policy and review of solicited and unsolicited ratings, ii) analysis of differences in rating methodologies of solicited and unsolicited ratings, iii) data availability for unsolicited ratings,

<sup>&</sup>lt;sup>10</sup> As specified in Appendix 1, depending on the analysis to be performed, segmentation of the ratings should be performed to compare the relative characteristics of the credit ratings depending on their solicitation type in a way that avoids conclusions driven by external factors/intrinsic difference of the ratings.

<sup>&</sup>lt;sup>11</sup> It should additionally be noted that 'Corporate' ratings in CEREP contain also credit ratings for financial institutions and insurance undertakings. In particular it should be noted that all credit ratings of ECAIs as stored in CEREP for the selected rating type are shown and have been used, and not only credit ratings issued in EU, thus to assess the whole rating experience on unsolicited ratings of ECAIs. If segmentations are further provided at location of issuance, country/continent and industry/sector levels to the data presented in Figure 1 or Figure 2, in most cases trivial sets of data would be achieved. Other high level segmentations performable with the CEREP data (e.g. short term ratings) showed even lower data availability.



aimed at assessing any data availability restrictions for the assignment of unsolicited ratings and how these are managed, and iv) management of the pressure placed on the rated entity when offering unsolicited ratings, aimed at assessing whether the ECAI employs measures to prevent that the usage of unsolicited ratings puts pressure on the rated entity that would lead the latter to place an order for a credit assessment or other services.

#### **Final results**

- 15. With respect to the quantitative analyses, as introduced in paragraph 10, these have been generally performed on few ECAIs due to the scarce data availability. The main findings can be summarised as follows, based on the performed analysis, while further details for the ECAIs concerned are presented in Appendix 1:
  - **Ex-ante distribution.** The ECAIs that were considered to hold sufficient data for certain homogeneous subgroups of credit ratings in CEREP for the purposes of this analysis were Capital Intelligence, DBRS, Fitch Ratings, Japan Credit Rating Agency, Moody's Investors Service, Scope Ratings and Standard & Poor's. Results are presented in Figure 3 to Figure 9 of Appendix 1. Overall, the distributions of solicited and unsolicited credit ratings were not indicative of material differences, especially considering that, in almost all cases, the data numerosity was very different between solicited and unsolicited ratings.
  - **Ex-ante dynamics.** For this analysis all ECAIs' credit ratings present in CEREP with rating type 'Corporate' or 'Sovereign and Public Finance' were considered. Results are presented in Figure 10 of Appendix 1. Overall, changes in rating category after shifts in solicitation type were seldom (if not rare) events for the analysed ECAIs, suggesting that possible concern related to the change in solicitation type over time is not material.
  - **Ex-post analysis.** The ECAIs that were considered to hold sufficient data in CEREP for the purposes of this analysis were Capital Intelligence, Fitch Ratings, Japan Credit Rating Agency, Moody's Investors Service and Standard & Poor's. Figure 11 of Appendix 1 presents the overall result regarding the AUROC analysis performed on those ECAIs' solicited and unsolicited Corporate Long Term ratings. The AUROC analysis in each ECAI case was not indicative of any material difference in discriminatory power between the solicited and unsolicited ratings of that ECAI.
- 16. With respect to the qualitative analyses, the outcomes for each ECAI under consideration have generally suggested that: i) there is no material difference with respect to the policies concerning the assignment and review of unsolicited ratings of an ECAI compared to solicited ratings of that ECAI; ii) there is no material difference with respect to the methodologies applied for the assignment of unsolicited ratings of an ECAI compared to solicited ratings of that ECAI; iii) although data availability restrictions might be present for unsolicited ratings of an ECAI compared to its solicited ratings, procedures are in place to guarantee that there is no underestimation of risks and/or difference in quality with respect to its solicited ratings; and iv) the ECAI employs measures to prevent that the usage of unsolicited ratings puts pressure



on the rated entity that would lead the latter to place an order for a credit assessment or other services. The relevant information for each ECAI that is representative of these considerations is displayed in Figure 12 of Appendix 2.

17.For the reasons presented in the previous paragraphs, the EBA has not identified any evidence of a difference in the quality of solicited and unsolicited credit ratings for the considered ECAIs, or of any pressure exerted by them on rated entities to place an order for a credit assessment or other services. The EBA has, therefore, considered it appropriate, at this stage, to confirm that the quality of those ECAIs' unsolicited credit assessments does not differ from their solicited credit assessments. Subject to the monitoring of the performances of the unsolicited credit ratings, the EBA might review the conclusions or the assessment methodology as described in the Decision, should it become appropriate.



## Appendix 1 – Quantitative Results

Figure 1: Corporate Long Term Solicited (S) and Unsolicited (US) Credit Ratings of ECAIs, 2007h1-2014h1, CEREP data

|        |     |      |    |                    |    |                 |   |      |               | corpor | ate Long | greini  | Natings |                  |                  |    |                  |    |         |         |          |          |
|--------|-----|------|----|--------------------|----|-----------------|---|------|---------------|--------|----------|---------|---------|------------------|------------------|----|------------------|----|---------|---------|----------|----------|
|        | Ахе | esor |    | - Credit<br>Agency |    | oital<br>igence | c | Crif | DBRS F<br>Lim |        | Fitch F  | Ratings |         | Credit<br>Agency | Kroll Bon<br>Age |    | Moo<br>Investors | •  | Scope I | Ratings | Standard | & Poor's |
|        | s   | US   | S  | US                 | S  | US              | S | US   | S             | US     | S        | US      | S       | US               | S                | US | s                | US | S       | US      | S        | US       |
| 2007h1 |     |      | 4  | 1                  | 89 | 217             |   |      | 495           |        | 3259     |         | 598     | 48               |                  |    | 4078             | 30 |         |         |          |          |
| 2007h2 |     |      | 4  | 2                  | 88 | 215             |   |      | 481           |        | 3313     |         | 612     | 45               |                  |    | 4176             | 30 |         |         |          |          |
| 2008h1 |     |      | 5  | 1                  | 81 | 218             |   |      | 458           | 1      | 3350     |         | 624     | 42               |                  |    | 4168             | 30 |         |         |          |          |
| 2008h2 |     |      | 6  | 1                  | 84 | 220             |   |      | 428           | 4      | 3331     |         | 631     | 41               |                  |    | 4181             | 30 |         |         |          |          |
| 2009h1 |     |      | 9  | 1                  | 85 | 218             |   |      | 408           | 12     | 3334     |         | 630     | 40               |                  |    | 4117             | 30 |         |         |          |          |
| 2009h2 |     |      | 10 | 1                  | 82 | 209             |   |      | 306           | 12     | 3190     |         | 603     | 37               |                  |    | 4057             | 30 |         |         |          |          |
| 2010h1 |     |      | 10 | 1                  | 75 | 211             |   |      | 305           | 13     | 3160     |         | 602     | 37               |                  |    | 4074             | 29 |         |         |          |          |
| 2010h2 |     |      | 11 |                    | 74 | 212             |   | 31   | 313           | 14     | 3094     |         | 598     | 35               |                  |    | 4127             | 29 |         |         |          |          |
| 2011h1 |     |      | 11 |                    | 79 | 211             |   | 51   | 312           | 14     | 3152     |         | 591     | 31               |                  |    | 3834             | 14 |         |         | 5661     | 276      |
| 2011h2 |     |      | 12 |                    | 79 | 211             |   | 56   | 314           | 16     | 2976     | 218     | 587     | 28               |                  |    | 3953             | 12 |         |         | 5831     | 254      |
| 2012h1 |     |      | 12 |                    | 68 | 214             |   | 62   | 310           | 17     | 2802     | 436     | 587     | 26               |                  |    | 3994             | 7  | 4       |         | 5904     | 169      |
| 2012h2 |     |      | 14 |                    | 69 | 214             |   | 61   | 318           | 13     | 2787     | 441     | 585     | 24               |                  |    | 4017             | 5  | 32      | 22      | 6038     | 200      |
| 2013h1 |     | 74   | 15 |                    | 65 | 213             |   | 62   | 331           | 15     | 2814     | 440     | 583     | 23               | 2                | 2  | 4111             | 6  | 87      | 37      | 6312     | 193      |
| 2013h2 |     | 74   | 18 |                    | 63 | 212             | 2 | 57   | 325           | 28     | 2930     | 401     | 576     | 23               | 10               | 2  | 4216             | 6  | 131     | 37      | 6552     | 189      |
| 2014h1 | 2   | 58   | 18 |                    | 64 | 212             | 3 | 59   | 331           | 28     | 2952     | 398     | 570     | 23               | 15               | 17 | 4306             | 4  | 158     |         | 6737     | 179      |

**Corporate Long Term Ratings** 

ECAIs that held only solicited or only unsolicited Corporate Long Term credit ratings are not displayed as the purpose of the assessment exercise is to compare solicited and unsolicited credit ratings.



|        |    | - Credit<br>Agency |    | Ratings<br>ited | Fitch F | Ratings | Moc<br>Investor | ody's<br>s Service | Standard | & Poor's |  |
|--------|----|--------------------|----|-----------------|---------|---------|-----------------|--------------------|----------|----------|--|
|        | s  | US                 | s  | US              | s       | US      | s               | US                 | s        | US       |  |
| 2007h1 | 3  |                    | 46 |                 | 3485    |         | 513             | 17                 |          |          |  |
| 2007h2 | 10 | 1                  | 51 |                 | 3590    |         | 531             | 17                 |          |          |  |
| 2008h1 | 17 | 1                  | 58 |                 | 3643    |         | 552             | 17                 |          |          |  |
| 2008h2 | 17 | 1                  | 60 |                 | 3710    |         | 556             | 17                 |          |          |  |
| 2009h1 | 17 | 1                  | 59 | 1               | 3703    |         | 575             | 17                 |          |          |  |
| 2009h2 | 13 | 2                  | 59 |                 | 3739    |         | 578             | 17                 |          |          |  |
| 2010h1 | 12 | 1                  | 58 |                 | 3774    |         | 582             | 17                 |          |          |  |
| 2010h2 | 13 |                    | 57 |                 | 3820    |         | 9187            | 16                 |          |          |  |
| 2011h1 | 7  |                    | 66 |                 | 3877    |         | 9318            | 16                 | 35323    | 33       |  |
| 2011h2 | 5  |                    | 74 | 2               | 3844    | 25      | 9348            | 16                 | 35458    | 33       |  |
| 2012h1 | 4  |                    | 78 | 4               | 3832    | 74      | 9403            | 16                 | 35927    | 33       |  |
| 2012h2 | 4  |                    | 79 | 8               | 3867    | 82      | 9406            | 17                 | 37016    | 36       |  |
| 2013h1 | 5  |                    | 92 | 11              | 3857    | 84      | 9410            | 17                 | 37354    | 38       |  |
| 2013h2 | 5  |                    | 76 | 29              | 3804    | 86      | 9384            | 17                 | 38383    | 38       |  |
| 2014h1 | 5  |                    | 78 | 31              | 3780    | 91      | 9310            | 17                 | 38463    | 42       |  |

Sovereign and Public Finance Long Term Ratings

Figure 2: Sovereign and & Public Finance Long Term Solicited (S) and Unsolicited (US) Credit Ratings of ECAIs, 2007h1-2014h1, CEREP data

ECAIs that held only solicited or only unsolicited Sovereign and Public Finance Long Term credit ratings are not displayed as the purpose of the assessment exercise is to compare solicited and unsolicited credit ratings.



## Quantitative analyses: description of the criteria for the assessment

The selected quantitative analyses consist of the following:

- **Ex-ante distribution of solicited and unsolicited ratings (ex-ante distribution).** The objective is to compare the rating distributions of solicited and unsolicited credit ratings. A significant difference<sup>12</sup> between the distributions could indicate a deviation in experience, as well as rating process and methods, and should be explained by the ECAI.
- Ex-ante dynamics of unsolicited ratings (ex-ante dynamics). The objective is to analyse the time evolution of solicited (unsolicited) ratings that were previously assigned on an unsolicited (solicited) basis. In this context, it is useful to detect any trend reflecting a general upgrade (downgrade) of the rating after the change of the solicitation type. For example, this might provide some indications as to possible pressure exercised by the ECAI on the rated entity to place an order for a credit assessment or other services. Where frequent shifts in rating category are experienced after changes in solicitation type, the ECAI should provide motivations for those behaviours.
- **Ex-post analysis of solicited and unsolicited ratings (ex-post analysis).** The objective is to analyse the discriminatory power of the rating systems for solicited and unsolicited ratings, i.e. their capability to distinguish between well-performing entities from bad performing ones and consistently assign to the former better rating categories than to the latter. In this context, the area under the receiver operating characteristic curve (AUROC) statistic was used to get an indication of whether the discriminatory power, and thus the rating process and methodology, differed significantly between solicited and unsolicited ratings of the ECAI under consideration. It has to be emphasised that the usage of AUROCs in this context has to be handled with care,<sup>13</sup> and it should be stressed that these statistics have been employed as an initial indicator to assess whether further investigations were needed. The basic idea is that if unsolicited ratings showed a very poor AUROC and solicited ratings a very good AUROC, then this should be explained by the ECAI.

<sup>&</sup>lt;sup>12</sup> The term 'significant' might also refer in this context to some significance level threshold defined for selected hypothesis test used for the comparison. However a qualitative inspection has been preferred instead, taking into account that a certain variability should be expected among distributions and especially considering that it has not been possible to apply a granular segmentation of the ratings due to limited data availability.

<sup>&</sup>lt;sup>13</sup> It should be taken into account that AUROCs depend crucially on the samples used, in that for example equally effective rating systems may present different accuracy indicators depending on the size and characteristic of the considered samples (e.g. risk profile). Therefore in this context AUROCs were used just in an indicative fashion and with consciousness regarding the limits for the interpretation of the outcomes, as a naïve usage of these statistics would lead to meaningless conclusions.



Given that the above quantitative analyses have different objectives, they should require different data categorisations and different minimum sample sizes to achieve meaningful conclusions. The segmentation should allow to compare the relative characteristics of the credit ratings depending on their solicitation type in a way that avoids conclusions driven by external factors/intrinsic differences of the ratings. Nonetheless, to achieve harmonisation across ECAIs' analyses, certain assumptions have been undertaken and standard categorisations have been employed. Specifically, credit ratings of each ECAI have been divided into standardised homogeneous subgroups of ratings depending on the analysis to be performed. Finally, minimum sample size criteria have been applied to the achieved homogeneous subsets of ratings to determine whether it was meaningful or not to perform the analyses (presented above) on them. If the data in the homogeneous subgroup of credit ratings were not considered to be numerous enough, the quantitative assessment was not performed.

To identify homogeneous subsets of credit ratings, the data were initially segmented depending on their rating type, date and term, as specified in CEREP.<sup>14</sup> Figure 1 and Figure 2 show the ECAIs that, at the time the assessment was made, held both solicited and unsolicited Corporate, or Sovereign and Public Finance, Long Term ratings in CEREP. Other segmentations showed less data availability than the one presented in those figures.<sup>15</sup> It is possible to see the heterogeneity of the data across ECAIs, as well as their scarce availability (in relation to the solicited versus unsolicited comparison).

<sup>&</sup>lt;sup>14</sup> The CEREP database envisages 4 rating types ('Corporate', 'Sovereign and Public Finance', 'Covered Bonds', 'Structured Finance'), 2 rating terms (Long/Short term), and credit ratings are stored in a time structure defined in semesters. It should be noted that 'Corporate' ratings in CEREP contain also credit ratings for financial institutions and insurance undertakings.

<sup>&</sup>lt;sup>15</sup> Although in case of short term ratings little numerosity was present, in case of ratings on Covered Bonds the CEREP data in the considered time horizon showed exclusively one rating identifier for unsolicited credit ratings at the time the assessment was made, resulting in the inability to perform quantitative analyses for this latter type of ratings. Credit ratings on Structured Finance instruments should not be considered in this context as they have been considered outside the scope of the Decision for addressing the mandate in Article 138 of the CRR.



#### Ex-ante distribution analysis

For the ex-ante distribution analysis, four categorisations have been applied to the CEREP data (Corporate Long Term, Corporate Short Term, Sovereign and Public Finance Short Term),<sup>16</sup> and the sum of the ratings assigned in the most recent 5 years of data available in the dataset have been considered. It has been assumed that, in the last available 5 years of data, the ECAI under analysis has applied the same rating assignment strategy. To each of the obtained set of ratings in these categorisations, a minimum data sufficiency criterion has been applied to determine whether sufficient data was available for this analysis. It should finally be highlighted that due to such high-level categorisations employed for this type of analysis, which have been executed to achieve *standardised* assessments across ECAIs, and due to the different (and in most cases scarce) data availability between solicited and/or unsolicited ratings, it has not been possible to perform a granular comparison of the distributions; therefore, the obtained results and considerations should take into account these limitations.

Figure 3 to Figure 9 present the distribution of the solicited and unsolicited credit ratings in the specified time periods for the homogeneous subsets of ratings which had sufficient data for the ECAI under analysis. ECAIs whose homogeneous subsets of ratings have been considered to hold insufficient data are not presented. For visual inspection graphs are presented, providing also additional information relative to the industry/sector of the rating under consideration. Calculations have been performed by the EBA on the CEREP data, and have been presented to the relevant ECAI, which has been requested to comment further on the basis of its own rating experience. The following considerations have been obtained:

- **Capital Intelligence** (Figure 3): It is observed that the same set of rating categories are covered, and that the number of solicited rated items is less numerous than the number of unsolicited rated items. It is possible to see that the distributions are similar and, in case of unsolicited ratings, it is slightly shifted towards more conservative rating categories. Capital Intelligence affirmed that differences in distributions reflect in particular country risk factors (e.g. solicited ratings are generally assigned in countries which are better rated). In addition, Capital Intelligence indicated that the short term ratings by solicitation status are largely determined by the long term ratings.
- DBRS Ratings Limited (Figure 4): It is observed that not all rating categories are covered for unsolicited ratings; however, unsolicited ratings are less numerous than solicited credit ratings. DBRS noted that in case of Sovereign and Public Finance unsolicited ratings (both short and long term), these are nearly exclusively assigned on sovereigns as opposed to sub-sovereigns or public entities which instead are solicited.

<sup>&</sup>lt;sup>16</sup> It should be noted that in this type of analysis the higher the granularity of the segmentation the better, as the comparison should be applied to homogeneous subgroups of ratings. To this aim the EBA has initially considered to define subsets of ratings depending on: i) date, ii) type, iii) term, iv) country/continent, and v) industry/sector. However, applying these categorizations to the limited data available would lead to obtain trivial sets of data. Therefore credit ratings have been aggregated in broader categorisations and over time (it should be indeed noted that distributions may overstate the number of observations, as the same ratings could be counted many times over time), considering that in case of presence of material differences between distributions these would have been detected also looking at the consolidated samples.



This is because low risk sovereigns usually do not solicit ratings, but an opinion about their credit risk is necessary in order to rate entities within those sovereigns. This explains why unsolicited ratings for Sovereign and Public Finance are relatively assigned better ratings than solicited ratings (e.g. sub-sovereigns and public entities are usually assigned worse ratings than sovereigns). In case of Corporate ratings there is a slightly greater proportion of financial companies within the group of unsolicited ratings. DBRS sometimes needs to establish an opinion about a financial institution in the context of analysing a structured finance transaction. This does not arise frequently with non-financial corporates.

- Fitch Ratings (Figure 5): Overall the data availability for solicited ratings is much greater than the one present for unsolicited ratings. Nevertheless there is almost a complete coverage of the rating categories in both solicited and unsolicited ratings. In case of Corporate ratings the distributions are similar, and in addition Fitch noted that for long term ratings there is a higher percentage of lower ratings (BB and below) when the rating is unsolicited for 'Corporate Industry'. Fitch also noted that the picture is overall mixed. For example in case of Sovereign and Public Finance ratings, there is a higher percentage of AAA long term ratings when the rating is unsolicited than solicited. However for short term ratings a slightly higher percentage are rated F1 than when they are unsolicited.
- Japan Credit Rating Agency (Figure 6): It is observed that not all rating categories are covered for unsolicited ratings, although unsolicited ratings are less numerous than solicited ratings. JCRA affirmed that it chooses the entities subject to unsolicited ratings on the principle that the publication of the unsolicited rating of the entity contributes to the enhancement of its credit rating accuracy because the entity's market share in its industry is high. Therefore entities which are assigned unsolicited ratings by JCRA are leading companies in their industries with a strong customer basis and a robust financial strength, which motivates why worse rating categories are not covered. Finally JCRA affirmed that the difference of the industry to which the entity belongs influences the rating grade of the unsolicited rating by far less than that of the solicited rating.
- Moody's Investors Service (Figure 7): It is observed that the number of solicited ratings is much greater than the number of unsolicited ratings in each of the proposed segmentations, which should motivate any significant variation in the distributions as result of statistical factors. Moody's stated to apply the same relevant methodologies to, and that it does not expect any systematic difference in performance between, its solicited and unsolicited ratings. Moody's considered that distributions should also be motivated by the analytical interest it sees in maintaining ratings on an unsolicited basis: for example certain issuers have an important status in the capital markets and when rated help to understand the wider market and provide greater perspective for other ratings. Those credits would often be highly rated compared to other issuers in an economy or in an industry, for instance sovereign issuers: this is for example reflected in the Figure, where it there appears to be a relatively larger number of Aaa unsolicited sovereign ratings than Aaa solicited sovereign ratings. Especially from the Figure it can be



inferred that unsolicited ratings are relatively rare compared to solicited ratings. For example the largest number of companies rated with type 'Sovereign and Public Finance' are public entities (e.g. universities, health care organisations, etc.), and there would be no special analytical interest to rate them on an unsolicited basis.

- Scope Ratings (Figure 8): It is observed that solicited ratings are more numerous than unsolicited ratings, and that overall solicited and unsolicited ratings exhibit relatively comparable distributions. Scope Ratings noted that for both solicited and unsolicited ratings the highest concentration is in BB rating category, the second highest concentration of credit ratings in B rating category, and the third highest concentration in the BBB rating category, and this should inter-alia be reflective of Scope Ratings applying the same methodology and process for both solicited and unsolicited ratings.
- Standard & Poor's (Figure 9): It is observed that almost all rating categories are covered both for solicited and unsolicited ratings, and that solicited ratings are more numerous than unsolicited credit ratings. In particular S&P affirmed that the number of unsolicited ratings is determined by the availability of public information and the interest of users of S&P credit ratings. Especially due to the high level categorisation of ratings of S&P in relation with its extensive rating coverage in different countries and industries, distributions are difficult to be compared depending on their solicitation type. Nevertheless on an aggregated basis, S&P noted that for the Corporate ratings, insurance company ratings represent a higher proportion of unsolicited ratings driven by interest within the insurance industry in the context of counterparty risk assessment; such ratings are long term rather than short term ratings, and short term ratings, unsolicited ratings are mostly assigned to sovereigns, which are usually assigned high rating grades. In addition S&P noted that United States Public Finance ratings represent a very large proportion of the Sovereign and Public Finance sector ratings and there are little (if any) unsolicited ratings assigned to public finance entities in the United States.



|                              | Long Term (LT) Ratings |       |             |         |     |     |   |  |  |  |  |
|------------------------------|------------------------|-------|-------------|---------|-----|-----|---|--|--|--|--|
| 2009h2-2014h1                | AAA                    | AA    | Α           | BBB     | BB  | В   | С |  |  |  |  |
| Corporate (S) – [C LT (S)]   |                        | 47    | 227         | 198     | 142 | 104 |   |  |  |  |  |
| Corporate (US) – [C LT (US)] |                        | 77    | 326         | 864     | 629 | 219 |   |  |  |  |  |
|                              |                        | Short | Term (ST) R | latings |     |     |   |  |  |  |  |
| 2009h2-2014h1                | A1                     | A2    | A3          | В       | С   | -   |   |  |  |  |  |
| Corporate (S) – [C ST (S)]   | 148                    | 235   | 99          | 226     | 10  | •   |   |  |  |  |  |
| Corporate (US) – [C ST (US)] | 243                    | 605   | 444         | 775     | 48  |     |   |  |  |  |  |

### Figure 3: Distribution of Capital Intelligence Solicited (S) and Unsolicited (US) ratings





#### Figure 4: Distribution of DBRS Solicited (S) and Unsolicited (US) ratings

|   | Long Term (LT) Ratings |       |             |        |     |    |     |    |    |  |  |
|---|------------------------|-------|-------------|--------|-----|----|-----|----|----|--|--|
| 2009h2-2014h1                               | AAA                    | AA    | Α           | BBB    | BB  | В  | CCC | СС | С  |  |  |
| Corporate (S) – [C LT (S)]                  | 30                     | 546   | 1263        | 975    | 212 | 99 | 14  | 1  | 11 |  |  |
| Corporate (US) – [C LT (US)]                |                        | 33    | 56          | 60     | 19  |    |     |    |    |  |  |
| Sov. & Public Finance (S) –[S&PF LT (S)]    | 126                    | 209   | 213         | 131    | 16  | 20 | 2   |    |    |  |  |
| Sov. & Public Finance (US) – [S&PF LT (US)] | 65                     | 4     | 10          | 4      |     |    | 2   |    |    |  |  |
|   |                        | Short | Term (ST) R | atings |     |    |     |    |    |  |  |
| 2009h2-2014h1                               | R-1                    | R-2   | R-3         | R-4    | R-5 |    |     |    |    |  |  |
| Corporate (S) – [C ST (S)]                  | 1630                   | 329   | 6           | 41     | 20  |    |     |    |    |  |  |
| Corporate (US) – [C ST (US)]                | 79                     | 25    |             | 2      |     |    |     |    |    |  |  |
| Sov. & Public Finance (S) –[S&PF ST (S)]    | 266                    | 32    | 2           | 5      | 3   |    |     |    |    |  |  |
| Sov. & Public Finance (US) – [S&PF ST (US)] | 65                     | 5     |             |        | 2   |    |     |    |    |  |  |







Corporate industry



Sovereign and public finance sector

Sovereigns Foreign Currency
Sovereigns Local Currency
Sub-sovereigns / Municipalities
Supranational organizations
Public entities





|   | Long Term (LT) Ratings |       |             |        |      |      |     |    |    |  |  |
|---|------------------------|-------|-------------|--------|------|------|-----|----|----|--|--|
| 2009h2-2014h1                               | AAA                    | AA    | Α           | BBB    | BB   | В    | CCC | СС | С  |  |  |
| Corporate (S) – [C LT (S)]                  | 1003                   | 1695  | 7866        | 10991  | 4279 | 3440 | 308 | 80 | 54 |  |  |
| Corporate (US) – [C LT (US)]                | 25                     | 112   | 673         | 729    | 312  | 394  | 79  | 6  |    |  |  |
| Sov. & Public Finance (S) –[S&PF LT (S)]    | 4815                   | 16929 | 10657       | 3815   | 1270 | 615  | 46  | 14 | 15 |  |  |
| Sov. & Public Finance (US) – [S&PF LT (US)] | 140                    | 71    | 63          | 67     | 45   | 44   | 4   | 3  |    |  |  |
|   |                        | Short | Term (ST) R | atings |      |      |     |    |    |  |  |
| 2009h2-2014h1                               | F1                     | F2    | F3          | В      | С    |      |     |    |    |  |  |
| Corporate (S) – [C ST (S)]                  | 5266                   | 4553  | 2213        | 3107   | 150  |      |     |    |    |  |  |
| Corporate (US) – [C ST (US)]                | 380                    | 325   | 106         | 99     | 7    |      |     |    |    |  |  |
| Sov. & Public Finance (S) –[S&PF ST (S)]    | 2526                   | 309   | 261         | 721    | 8    | -    |     |    |    |  |  |
| Sov. & Public Finance (US) – [S&PF ST (US)] | 157                    | 32    | 21          | 49     | 5    |      |     |    |    |  |  |

#### Figure 5: Distribution of Fitch Ratings Solicited (S) and Unsolicited (US) ratings

















LT (S) LT (US) ST (S) ST (US)



### Figure 6: Distribution of Japan Credit Rating Agency Solicited (S) and Unsolicited (US) ratings

|                              |     |     |      | Long | Term (LT) Ra | atings |     |    |   |
|------------------------------|-----|-----|------|------|--------------|--------|-----|----|---|
| 2009h2-2014h1                | AAA | AA  | Α    | BBB  | BB           | В      | CCC | CC | С |
| Corporate (S) – [C LT (S)]   | 130 | 923 | 2943 | 1823 | 33           | 2      | 12  | 1  |   |
| Corporate (US) – [C LT (US)] | 37  | 151 | 74   | 25   |              |        |     |    |   |





#### Figure 7: Distribution of Moody's Investors Service Solicited (S) and Unsolicited (US) ratings

|   | Long Term (LT) Ratings |            |              |       |      |      |      |     |    |  |  |
|---|------------------------|------------|--------------|-------|------|------|------|-----|----|--|--|
| 2009h2-2014h1                               | Aaa                    | Aa         | Α            | Ваа   | Ва   | В    | Caa  | Са  | С  |  |  |
| Corporate (S) – [C LT (S)]                  | 539                    | 3773       | 10474        | 13744 | 4549 | 5064 | 2269 | 190 | 87 |  |  |
| Corporate (US) – [C LT (US)]                |                        | 6          | 82           | 41    | 9    |      | 4    |     |    |  |  |
| Sov. & Public Finance (S) –[S&PF LT (S)]    | 4808                   | 41767      | 24510        | 2529  | 1381 | 807  | 106  | 6   | 12 |  |  |
| Sov. & Public Finance (US) – [S&PF LT (US)] | 119                    | 17         | 4            | 26    |      |      |      |     |    |  |  |
|   |                        | Short Term | (ST) Ratings |       |      |      |      |     |    |  |  |
| 2009h2-2014h1                               | P-1                    | P-2        | P-3          | NP    |      |      |      |     |    |  |  |
| Corporate (S) – [C ST (S)]                  | 5998                   | 4652       | 668          | 1036  |      |      |      |     |    |  |  |
| Corporate (US) – [C ST (US)]                | 30                     | 50         | 6            | 2     |      |      |      |     |    |  |  |







CLT (S) CLT CST (S) CST

(US)

(US)

0%



sector Sovereigns Foreign Currency Sovereigns Local Currency Sub-sovereigns / Municipalities Supranational organizations Public entities





### Figure 8: Distribution of Scope Ratings Solicited (S) and Unsolicited (US) ratings

|                              |     | Long Term (LT) Ratings |    |     |     |    |     |    |   |  |
|------------------------------|-----|------------------------|----|-----|-----|----|-----|----|---|--|
| 2009h2-2014h1                | AAA | AA                     | Α  | BBB | BB  | В  | CCC | CC | С |  |
| Corporate (S) – [C LT (S)]   |     | 7                      | 47 | 72  | 129 | 99 | 50  | 5  | 3 |  |
| Corporate (US) – [C LT (US)] |     |                        |    | 14  | 44  | 30 | 5   | 3  |   |  |





|   | Long Term (LT) Ratings |        |            |              |      |      |     |    |    |  |
|---|------------------------|--------|------------|--------------|------|------|-----|----|----|--|
| 2009h2-2014h1                               | AAA                    | AA     | Α          | BBB          | BB   | В    | CCC | СС | С  |  |
| Corporate (S) – [C LT (S)]                  | 222                    | 3176   | 11772      | 10996        | 6478 | 9410 | 799 | 45 |    |  |
| Corporate (US) – [C LT (US)]                |                        | 56     | 326        | 664          | 244  | 89   | 20  | 57 |    |  |
| Sov. & Public Finance (S) –[S&PF LT (S)]    | 19,085                 | 117252 | 102013     | 16274        | 2075 | 900  | 102 | 55 | 94 |  |
| Sov. & Public Finance (US) – [S&PF LT (US)] | 108                    | 81     | 6          | 25           | 5    | 26   | 2   |    |    |  |
|   |                        |        | Short Term | (ST) Ratings |      |      |     |    |    |  |
| 2009h2-2014h1                               | A-1+                   | A-1    | A-2        | A-3          | В    | С    |     |    |    |  |
| Corporate (S) – [C ST (S)]                  | 1606                   | 3729   | 5199       | 1132         | 1495 | 342  |     |    |    |  |
| Corporate (US) – [C ST (US)]                |                        |        | 27         | 4            | 9    |      |     |    |    |  |
| Sov. & Public Finance (S) –[S&PF ST (S)]    | 298                    | 135    | 218        | 158          | 683  | 57   | -   |    |    |  |
| Sov. & Public Finance (US) – [S&PF ST (US)] | 160                    | 2      | 10         | 15           | 31   | 2    |     |    |    |  |

#### Figure 9: Distribution of Standard & Poor's Solicited (S) and Unsolicited (US) ratings





#### Ex-ante dynamics analysis

Figure 10 summarises the number of shifts in solicitation type of all ratings present in the CEREP database until the reference date of 30 June 2014. If the same credit rating (i.e. referring to the same obligor) experienced shifts in solicitation type more than once over time, all these occurrences are reported in the table. It has to be considered that credit ratings are reported in CEREP semi-annually; therefore, the same credit rating appears in the table below each time it experienced a shift in solicitation type in one of its reporting semesters. ECAIs covered by the Decision that held both solicited and unsolicited ratings in CEREP at the time the assessment was made, but for which no shift in solicitation type was detected are not shown in the Figure. The *focus* for the purposes of this analysis is on the number of shifts in solicitation type are rare events or that changes in solicitation type coupled with changes in rating category represent a small share with respect to the total number of changes in solicitation type. This suggests that for each of the analysed ECAIs possible concern related to the change in solicitation type over time is not material.

| ECAI                        | Number of changes in<br>solicitation type of ratings,<br>from solicited to unsolicited,<br>coupled with an<br>improvement in rating grade | Number of changes in<br>solicitation type of ratings,<br>from solicited to unsolicited,<br>coupled with a worsening in<br>rating grade | Number of changes in<br>solicitation type of ratings,<br>from unsolicited to solicited,<br>coupled with an<br>improvement in rating grade | Number of changes in<br>solicitation type of ratings,<br>from unsolicited to solicited,<br>coupled with a worsening in<br>rating grade | Total number of changes in<br>solicitation type of credit<br>ratings (this also considers<br>changes in solicitation type<br>that are coupled with no<br>change in rating grade) |
|-----------------------------|---|--|---|--|--|
| Axesor                      |   |  | 1   |  | 1  |
| BCRA - Credit Rating Agency | 2   |  | 1   |  | 14   |
| Capital Intelligence        | 5   | 1  | 7   | 3  | 284  |
| DBRS Ratings Limited        | 1   | 3  | 2   |  | 132  |
| Fitch Ratings               | 32  | 61   | 10  | 4  | 1128   |
| Japan Credit Rating Agency  |   | 1  |   |  | 23   |
| Moody's Investors Service   |   |  |   | 1  | 2  |
| Standard & Poor's           | 1   | 1  | 2   |  | 38   |
| Scope Ratings               |   |  |   |  | 1  |

#### Figure 10: Ex-ante dynamics of unsolicited ratings on all Corporate, Sovereign and Public Finance Ratings, CEREP data



#### Ex-post analysis

The ex-post analysis is related to the assessment of the discriminatory power of the rating systems depending on their solicitation type through the usage of the AUROC statistic and examination of the ROC curve. This has been applied exclusively to Corporate Long Term ratings. This is due to the fact that this analysis is related to the ex-post behaviour of the credit ratings, which is determined considering the default event: in case of Sovereign, Public Finance, and short term ratings, the default events were too few to perform this kind of assessment; therefore, these ratings have not been considered. In addition, for the calculation of the AUROC statistic, certain assumptions have been made. Credit ratings have been considered consistently with the CEREP time structure (i.e. in semesters), and the default event for each of them has been determined over a time horizon of 3 years considering they were long term ratings. Credit ratings withdrawn during the 3-year time horizon have been discarded from the sample, as CEREP does not provide information on their default status at the end of the 3-year time horizon. Finally, the ratings that have been considered are the ones assigned in the last 5 years preceding the first eligible semester from which a 3-year horizon spans until the most recent available semester of the dataset.<sup>17</sup> In addition, minimum data criteria are applied to the identified sets of credit ratings, as the analysis should be performed with sufficient data to provide meaningful outcomes.

The ECAIs that have been considered to hold sufficient data in CEREP for the purposes of this analysis are presented below in Figure 11. For each of those ECAIs, the AUROC analysis was not indicative of material difference in discriminatory power between the solicited and unsolicited rating systems of that ECAI, therefore raising no concerns in the context of Article 138 of the CRR. In case of Capital Intelligence (CI), the results were driven by scarce data, and by the very low number of defaults in rating categories BB and B, regardless of the solicitation type of its credit ratings (which was already detected when performing the mapping under Article 136 of the CRR). Especially CI provided the EBA with exhaustive additional information, which motivated the obtained results; additionally, CI explained to the EBA the measures it has in place and that it will implement to ensure that unsolicited ratings do not result in less quality than solicited ratings.

Therefore, no material issue has been identified for any of the presented ECAIs. It has finally to be reminded that what it is considered is the presence of material difference between the discriminatory power of solicited and unsolicited rating systems of the same ECAI, and not across different ECAIs: to this end it should be also noted that the analysis has been performed on very scarce data (highlighting how results should be carefully considered), and very few ECAIs, therefore providing additional motivation on the fact that the different ECAIs considered in the Decision are not to be compared by any means in the context of this analysis.

<sup>&</sup>lt;sup>17</sup> It is assumed that the credit ratings assigned during that period are representative of the properties of the credit ratings subsequently assigned by the ECAI. Nevertheless, tests conducted on the whole available data history showed analogous results.



#### Figure 11: Ex-post analysis (AUROC analysis) of Corporate Long Term Solicited (S) and Unsolicited (US) ratings, CEREP data

|                               | Number of<br>observations for<br>solicited ratings | Number of<br>observations for<br>unsolicited<br>ratings | Number of<br>defaults for<br>solicited ratings | Number of<br>defaults for<br>unsolicited<br>ratings | Observation<br>period | Discriminatory<br>Power (via AUROC<br>analysis) of<br>solicited rating<br>system | Discriminatory<br>Power (via AUROC<br>analysis) of<br>unsolicited rating<br>system | Presence of<br>material difference<br>in discriminatory<br>power between<br>solicited and<br>unsolicited rating<br>systems |
|-------------------------------|--|---|--|---|-----------------------|--|--|--|
| Capital<br>Intelligence       | 691  | 2011  | 5  | 21  | 2007h1-2011h2         | Fair   | Negative<br>predictor  | No   |
| Fitch Ratings                 | 2406   | 145   | 42   | 6   | 2011h2                | Good   | Good   | No   |
| Japan Credit<br>Rating Agency | 5188   | 328   | 58   | 4   | 2007h1-2011h2         | Good   | Good   | No   |
| Moody's<br>Investors Service  | 31240  | 118   | 1217   | 6   | 2007h1-2011h2         | Good   | Good   | No   |
| Standard &<br>Poor's          | 9907   | 288   | 256  | 6   | 2011h1-2011h2         | Good   | Good   | No   |

Legend: Discriminatory power depending on AUROC analysis: <0.5 Negative predictor; 0.5-0.65 Poor; 0.65-0.8 Fair; 0.8-1 Good.

The results presented in this Figure have not to be used in order to produce statements comparing the accuracy of rating systems of ECAIs, or outside the context of the analysis conducted in this document. Particularly it should be noted that this analysis only assesses the presence of material difference between the discriminatory power of solicited and unsolicited rating systems of the same ECAI, and not across different ECAIs. The outcomes presented have been achieved out of different samples, time periods, on a particular dataset (i.e. CEREP), and considering a set of assumptions which might not reflect the internal assessments of ECAIs regarding their rating systems. Therefore the usage of AUROCs in this context is employed exclusively as an indication to detect possible issues related to the quality of unsolicited ratings of an ECAI with respect to the solicited ratings of that same ECAI, as statistically a simplistic usage and comparability of AUROCs entails major pitfalls.



## Appendix 2 – Qualitative Results

## Qualitative analyses: description of the criteria for the assessment

The selected qualitative criteria employed in the assessment consist of the following:

- Policy regarding the assignment and review of unsolicited ratings. The objective is to analyse the differences between the assignment and review polices of solicited and unsolicited ratings of the ECAI under consideration.
- Rating methodology for unsolicited ratings. The objective is to analyse whether any difference exists with respect to the rating methodology for solicited ratings, in which case it should be explained by the ECAI under consideration. It should also be specified how these may be applied differently (if at all), and whether more or less conservatism may be applied when assigning unsolicited credit ratings (e.g. how the rating methodology may be impacted by data restrictions).
- Data availability for unsolicited ratings. The objective is to analyse the most common restrictions of information faced by the ECAI during the assignment of unsolicited credit ratings in order to assess whether the possible lack of information could result in an underestimation of risk in the final rating assigned.
- Management of the pressure on the rated entity when assigning unsolicited ratings. The objective is to assess whether the ECAI has employed measures to prevent that the assignment of unsolicited ratings puts pressure on the rated entity that would lead the latter to place an order for a credit assessment or other services.

Figure 12 summarises the information provided by ECAIs in relation to the above mentioned criteria. It should also be noted that the information presented might not reflect all the information submitted by the ECAI to the EBA for the purposes of the assessment exercise under Article 138 of the CRR, as any confidential information provided by the ECAIs has been removed from the table below.



## Figure 12: Qualitative information on unsolicited credit ratings of ECAIs

|                    | Policy regarding the assignment and review of unsolicited ratings | Rating methodology for<br>unsolicited ratings | Data availability for unsolicited ratings | Management of the pressure on<br>the rated entity when assigning<br>unsolicited ratings |
|--------------------|---|---|---|---|
| ARC Ratings        | ARC states that it applies the                                    | ARC states that it uses the exact             | ARC states that when it decides           | After taking the decision to start  |
| S.A.(ARC)          | exact same policies and   | same methodologies for solicited              | for the need to assign an                 | an unsolicited rating process on a  |
|                    | procedures regarding the  | and unsolicited ratings, except in            | unsolicited rating it will                | certain entity ARC states that it   |
|                    | assignment and review of  | the case of an unsolicited rating             | communicate such decision to the          | will not seek or accept from the  |
|                    | solicited and unsolicited ratings,                                | without the participation of the              | rated entity and invite the entity        | rated entity compensation for the   |
|                    | except when the rating is   | entity being rated, in which case             | to participate in the process in          | rating during the rating process,   |
|                    | unsolicited and without the                                       | ARC is unable to do an on-site                | order to maximize access to               | or for at least one year after  |
|                    | participation of the entity being                                 | review and only has access to                 | information. If the issuer decides        | publication of the credit rating.   |
|                    | rated, in which case ARC is unable                                | publicly available information.               | not to participate in the rating          |   |
|                    | to do an on-site review and only                                  | ARC states that if publicly                   | process ARC will seek to obtain as        |   |
|                    | has access to publicly available                                  | available information is not                  | much information as possible              |   |
|                    | information.  | deemed sufficient then more                   | (whether strictly public                  |   |
|                    |   | conservatism may be built into                | information or paid information)          |   |
|                    |   | the analysis to account for this.             | but will only complete the rating         |   |
|                    |   | ARC clarifies that unsolicited                | process by assigning a rating if in       |   |
|                    |   | ratings are assigned only if in its           | its opinion the information               |   |
|                    |   | opinion the information available             | available is sufficient to allow ARC      |   |
|                    |   | is sufficient to allow ARC to assign          | to assign and maintain the rating.        |   |
|                    |   | and maintain the rating.                      | Therefore, any key data                   |   |
|                    |   |   | restriction will end up in the            |   |
|                    |   |   | decision by ARC not to publish the        |   |
|                    |   |   | rating. Solicitation type should          |   |
|                    |   |   | have no effect on the level of the        |   |
|                    |   |   | ratings assigned.                         |   |
| Axesor SA (Axesor) | According to information  | Axesor corporate rating                       | Axesor states that its approach           | Axesor considers the potential  |
|                    | provided by Axesor, the policies                                  | methodologies are based in the                | for unsolicited ratings is limited to     | pressure of unsolicited ratings to  |
|                    | and procedures are mainly the                                     | evaluation of different risk factors          | corporate ratings where the rated         | be low under the current  |
|                    | same for unsolicited and solicited                                | which are structured in two                   | companies do not participate and          | approach. Unsolicited ratings   |
|                    | ratings (with public information,                                 | profiles: business profile and                | where only public information is          | currently have a limited scope,   |
|                    | independence of the agency,                                       | financial profile. Although the               | used in the rating process.               | with many of the rated entities   |
|                    | appeals process being equally                                     | methodologies are the same, in                | However Axesor affirms that for           | already working with other CRAs.  |



|                  | applied in the two types of<br>ratings). The main difference is<br>the participation of the rated<br>company during the issuance<br>process that implies i) use of<br>confidential information for<br>solicited rating, and ii) as part of<br>the solicited rating process, an<br>interview with the senior<br>management of the rated<br>company (i.e. rated company's<br>participation). | case of unsolicited ratings there<br>might be some restrictions in<br>data/information availability<br>which might lead not to consider<br>a specific risk factor in the<br>assessment, in these cases the<br>analyst will recommend a more<br>conservative rating. This issue is<br>solved if there is participation of<br>the rated company in the<br>issuance process. | the assignment of an unsolicited<br>rating there must be sufficient<br>public information on the entity<br>concerned, and such information<br>should be sufficiently updated<br>and qualified to allow for an<br>appropriate assessment. | Additionally, the business model<br>for unsolicited ratings is under<br>subscription. Finally, Axesor notes<br>that since its registration as a CRA<br>only one company, with a<br>previous unsolicited rating, has<br>solicited Axesor to issue a<br>solicited rating. |
|------------------|--|---|--|---|
| BCRA – Credit    | BCRA states that it enforces a   | BCRA states that currently it only  | With respect to sovereign ratings,   | BCRA states that currently it only  |
| Rating Agency AD | single policy for assigning credit   | issues unsolicited ratings to   | BCRA states that the only limiting   | issues unsolicited ratings to   |
| (BCRA)           | ratings, covering both solicited   | central governments of countries.   | factor would be the absence of   | central governments of countries.   |
|                  | and unsolicited ratings. The   | With regard to such ratings, BCRA   | sufficient public information on a   | BCRA notes that it is a very  |
|                  | process for assignment and   | affirms that it applies a single  | specific country, in which case  | common practice for credit rating   |
|                  | review would be identical in both  | methodology which is designed to  | BCRA would abstain from issuing  | agencies to issue sovereign   |
|                  | cases with the exception that,   | be applied identically regardless   | a rating altogether, regardless of   | ratings, as these ratings are often   |
|                  | since unsolicited ratings are not  | of the solicitation status, and   | its solicitation type. Given the full  | used as an input in the rating  |
|                  | requested by the issuer, the rated   | there is no need for different  | reliance on independent public   | process of private or public  |
|                  | party, or a related third party,   | levels of conservatism or different   | information, there is no provision   | entities situated in these  |
|                  | there is also no contract with the   | approaches. The methodology is  | made for the government of a   | countries. For this reason,   |
|                  | issuer, the rated party or a related   | designed with the goal to rely  | rated country to provide non-  | countries all over the world  |
|                  | third party, and there is no   | only on public information from   | public information in an effort to   | obtain wide rating coverage by  |
|                  | expectation that the rated entity  | global and reliable sources which   | make up for the lack of public   | multiple agencies, both solicited   |
|                  | would be providing non-public  | is commonly available for   | information obtained from third  | and unsolicited. BCRA believes  |
|                  | information directly to BCRA or  | European countries and more   | sources.   | that there is no opportunity for  |
|                  | cooperating in any other way. If,  | generally across the world. Both  | With respect to credit ratings of  | agencies to put pressure on   |
|                  | however, BCRA is issuing the   | solicited and unsolicited ratings   | non-sovereign entities (e.g.,  | countries to place an order, given  |
|                  | unsolicited rating not on its own  | would depend on the exact same  | banks, insurance companies,  | the level of transparency in  |
|                  | initiative, but at the request of an   | set of public information and   | nonfinancial corporates, etc.),  | sovereign ratings, and the highly   |
|                  | investor or any other party not  | there is no need or expectation   | BCRA relies on all required  | competitive environment. BCRA   |
|                  | related with the rated entity, then  | for the rated country to provide  | information, being provided  | would always provide the rated  |
|                  | the client is fully expected to  | any additional information.   | either directly by the rated entity,   | country's government with a full  |
|                  | personally provide, or guarantee   | With respect to credit ratings of   | indirectly by the client, or other   | rating report in advance of   |
|                  | in another way that all necessary  | non-sovereign entities, e.g.,   | sources.   | publishing a rating. Regardless of  |



| information wil  |                                   |                                  |                       | the solicitation status the   |
|--|-----------------------------------|----------------------------------|-----------------------|---|
| directly or indire                                     | -                                 | -                                |                       | government would thus have the  |
| per its rating me                                      |                                   | -                                |                       | opportunity to provide  |
| proced   | •                                 |                                  |                       | information for the purposes of   |
|  | separate type of                  | -                                | 1                     | the rating, which would always be                                       |
|  | the rating is                     |                                  |                       | taken into consideration by the   |
|  | unsolicited. The                  | e rating factors                 |                       | Rating Committee when assigning   |
|  | analysed and th                   | eir weights are                  |                       | the rating and therefore there is                                       |
|  | unchanged in any                  | y way regardless                 |                       | no benefit for the country from   |
|  | of the solicita                   | ation status.                    |                       | changing the solicitation type in                                       |
|  |                                   |                                  |                       | order to receive any additional   |
|  |                                   |                                  |                       | consideration or different  |
|  |                                   |                                  |                       | treatment. This removes any   |
|  |                                   |                                  |                       | conflict of interest as it is   |
|  |                                   |                                  |                       | impossible for the country's  |
|  |                                   |                                  |                       | government to affect the rating   |
|  |                                   |                                  |                       | by requesting that rating to  |
|  |                                   |                                  |                       | become solicited.   |
| Capital Intelligence CI states that it                 | does not have CI states that it   | uses the same For those rat      | ings that are both    | CI states that situations in which a                                    |
| Ltd (Cl) specific polic                                | cies for the methodologies f      | or solicited and unsolicited and | do not involve any    | rating agency assigns an  |
| assignment ar  |                                   |                                  | f the rated entity CI | unsolicited rating to an entity and                                     |
| unsolicited ratir                                      | ngs. The same no difference wit   | th regard to the states that     | : it tends to rely    | then offers to raise that rating in                                     |
| rating policies  | s and rating application          | n of rating primarily on pu      | ublic information. In | exchange for a formal fee-paying  |
| committee proce  | edures apply to methodologies f   | or solicited and terms of corp   | orate ratings, as a   | mandate or in return for the  |
| all credit ratings                                     | , regardless of unsolicited ratir | ngs; solicitation general polic  | y CI affirms that it  | entity purchasing other services  |
| rating type and so                                     |                                   |                                  | minimum access to     | offered by the rating agency  |
| In terms of the n                                      |                                   | -                                | y audited financial   | would be a clear violation of Cl's                                      |
| updating of rating                                     | s, all ratings are                |                                  | order to assign and   | Code of Conduct and Code of   |
| reviewed at lea  | -                                 |                                  | -                     | Business Ethics and other internal                                      |
| semiannually in li                                     |                                   |                                  | whether the rating    | policies. The majority of the   |
| Regulation on  |                                   | _                                | -                     | entities CI rates on an unsolicited                                     |
| Agencies. The diff                                     | 0                                 | normally re                      | equests financial     | basis participate in the rating   |
| solicited and uns                                      |                                   |                                  | that are prepared     | process and have done so for  |
|  | _                                 |                                  |                       | •   |
| trom a credit  | assessment                        | according to IF                  | ng ul ug gaar, bul i  | many years. In terms of controls.                                       |
|  |                                   | -                                |                       | many years. In terms of controls,<br>CI affirms that it has adopted and |
| from a credit<br>perspective conce<br>of participation | erns the degree                   | these might n                    |                       | CI affirms that it has adopted and<br>implemented policies and          |



|               | however, attempt to meet at          |                                    | used, the primary analyst must       | Regulation on CRAs designed to       |
|---------------|--------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|
|               | least annually with the              |                                    | assess the extent to which these     | safeguard the integrity of the       |
|               | management of all corporates         |                                    | conform to internationally           | rating process, mitigate conflicts   |
|               | rated by CI – including where the    |                                    | recognised accounting standards      | of interest, and manage the          |
|               | rating is unsolicited – and a large  |                                    | and the materiality of any           | potential trade-off between          |
|               | number of corporates (specifically   |                                    | differences for evaluating           | quality standards and                |
|               | banks) rated by CI on an             |                                    | financial risk; but again this       | profitability. The control           |
|               | unsolicited basis participate in the |                                    | applies regardless of solicitation   | mechanisms of principal              |
|               | rating process. CI affirms that all  |                                    | status. In CI experience, the        | relevance to the scenario            |
|               | rated entities receive in advance    |                                    | quality of public financial          | described above focus on the         |
|               | notification of rating actions       |                                    | disclosure by banks in most          | segregation of business              |
|               | (including the rationale for the     |                                    | countries is satisfactory for rating | operations from rating activities.   |
|               | action) and may comment on, or       |                                    | purposes and hence CI is able to     | In addition, CI has established an   |
|               | even appeal, the rating before it    |                                    | assign bank ratings on an            | independent compliance function      |
|               | is published, regardless of          |                                    | unsolicited basis (in most cases     | responsible for monitoring           |
|               | whether the rating is solicited or   |                                    | with issuer participation). In       | adherence to CI's policies and       |
|               | whether the rated entity has         |                                    | contrast, CI has yet to rate any     | procedures, as well as to the EU     |
|               | participated in the rating process.  |                                    | corporate issuer on an unsolicited   | Regulation.                          |
|               |                                      |                                    | basis, in part because public        |                                      |
|               |                                      |                                    | information on such entities in CI   |                                      |
|               |                                      |                                    | core markets tends to be             |                                      |
|               |                                      |                                    | insufficient for rating purposes.    |                                      |
| Cerved Rating | The policies and procedures          | Cerved uses a unique               | Cerved specified to the EBA the      | Cerved operates both under the       |
| Agency S.p.A. | regarding the assignment and         | methodology for the rating         | data sources (both public and        | issuer-pays model and investor-      |
| (Cerved)      | review of unsolicited credit         | assignment and review of both      | proprietary) that are employed       | pays model. However Cerved           |
|               | ratings of Cerved do not differ      | solicited and unsolicited credit   | for the production of its credit     | established two different sales      |
|               | from the policies and procedures     | ratings. In addition the rating    | ratings. Cerved states to maintain   | forces for serving its two types of  |
|               | regarding solicited credit ratings,  | methodology of Cerved is not       | processes aimed at cleaning and      | customers, to prevent possible       |
|               | except for the approval of the       | applied differently between        | controlling the data used for the    | conflict of interest. In this regard |
|               | long term ratings on non-financial   | solicited and unsolicited ratings. | rating assignment. Cerved affirms    | Cerved affirms that any overlap      |
|               | corporate entities. While in case    |                                    | that is responsibility of the rating | between its solicited and            |
|               | of solicited ratings on non-         |                                    | analyst to assess the quality and    | unsolicited rating portfolio is      |
|               | financial corporate entities the     |                                    | adequateness of the information      | purely random because                |
|               | rating proposal of the rating        |                                    | available for each rating            | independent sales forces are in      |
|               | analyst is always assessed and       |                                    | assignment, and request of           | place. In addition Cerved employs    |
|               | authorised by the Rating             |                                    | additional information or refrain    | separations of roles and             |
|               | Committee, in case of unsolicited    |                                    | from rating issuance would be        | responsibilities between its sales   |
|               |                                      |                                    |                                      |                                      |



|                    | ratings on non-financial corporate |                                     | pursued in case not sufficient      | division and its analytical and                             |
|--------------------|------------------------------------|-------------------------------------|-------------------------------------|---|
|                    |                                    |                                     | information is available.           | -   |
|                    | entities the assessment and        |                                     |                                     | development teams. Finally<br>Cerved in accordance with the |
|                    | approval of the rating proposal is |                                     |                                     |   |
|                    | carried out by the supervisor of   |                                     |                                     | CRA Regulation informs the rated                            |
|                    | the rating analyst (however also   |                                     |                                     | entity of its rating proposal before                        |
|                    | for these ratings, should the case |                                     |                                     | the issuance of a rating, thus                              |
|                    | be controversial, the assessment   |                                     |                                     | allowing the rated entity to                                |
|                    | and authorisation of the rating is |                                     |                                     | provide additional information,                             |
|                    | performed by the Rating            |                                     |                                     | which will be assessed to decide                            |
|                    | Committee).                        |                                     |                                     | whether a different rating should                           |
|                    |                                    |                                     |                                     | be assigned.  |
| Crif S.p.A. (CRIF) | CRIF states that it applies the    | CRIF states that it acts with a     | CRIF states that its methodology    | CRIF affirms that whenever any                              |
|                    | same policy and procedures in the  | single rating methodology both      | requires a wide set of documents    | new unsolicited rating is initiated                         |
|                    | assignment and review of           | for solicited and unsolicited       | and information that do not differ  | by CRIF, it is made clear to the                            |
|                    | unsolicited and solicited ratings. | ratings. Equally CRIF has a single  | between unsolicited and solicited   | rated entity (or issuer) that no                            |
|                    | CRIF has also presented to the     | policy and procedure for the        | ratings and that allow the analysts | compensation is expected by                                 |
|                    | EBA further details on the steps   | development and validation of       | to have a complete view for each    | CRIF, nor any engagement into a                             |
|                    | followed when assigning a          | criteria and methodology. CRIF      | area of assessment. The rating      | rating mandate can be signed for                            |
|                    | solicited/unsolicited credit       | presented to the EBA also how       | analyst assesses the                | at least twelve months from the                             |
|                    | assessment.                        | the                                 | completeness/quality of the         | initial rating. A disclaimer that                           |
|                    |                                    | development/review/approval/va      | documentation and may contact       | clarifies such a policy is also                             |
|                    |                                    | lidation of such methodologies      | the rated entity or the third party | inserted in the rating summary                              |
|                    |                                    | takes place. With respect to the    | for clarifications and to request   | once the unsolicited rating                                 |
|                    |                                    | application of methodologies,       | additional information. Where       | assigned is made available to the                           |
|                    |                                    | CRIF affirms that rating            | the analyst believes that there is  | public.   |
|                    |                                    | methodology and criteria do not     | insufficient or low quality         |   |
|                    |                                    | present differences between         | information to assign or maintain   |   |
|                    |                                    | solicited and unsolicited credit    | a rating whether solicited or       |   |
|                    |                                    | ratings. For both ratings, the      | unsolicited, no rating is assigned  |   |
|                    |                                    | quality of the assessment           | or maintained. In case of ratings   |   |
|                    |                                    | depends on the quality of data:     | issued by initiative of CRIF, the   |   |
|                    |                                    | CRIF generally applies a more       | rating is issued only when the      |   |
|                    |                                    | cautious approach in evaluating     | information publicly available      |   |
|                    |                                    | analytical areas where the          | covers all areas required to obtain |   |
|                    |                                    | information available is of a lower | an assessment. Also in such cases,  |   |
|                    |                                    | quality.                            | given the fact that the ratings are |   |
|                    |                                    |                                     | communicated in advance to the      |   |



|                   |  |   | rated entity, the company has the  |   |
|-------------------|--|---|------------------------------------|---|
|                   |  |   | opportunity to verify the accuracy |   |
|                   |  |   | of information used to provide     |   |
|                   |  |   | the opinion and report any errors. |   |
| DBRS Ratings      | DBRS states that it applies the                        | DBRS states that it uses the same                           | DBRS states that its unsolicited   | DBRS has implemented a variety                      |
| Limited (DBRS)    | same policies and procedures for                       | methodologies, policies and                                 | credit ratings are only assigned   | of policies and procedures and an                   |
|                   | assigning solicited and unsolicited                    | procedures for assigning solicited                          | when sufficient public             | employee and business code of                       |
|                   | ratings in all sectors including the                   | and unsolicited ratings. There is                           | information is available to        | conduct that prevents conflicts of                  |
|                   | development and application of                         | no difference in the application of                         | support the analysis and to        | interest by rating analysts and                     |
|                   | methodologies, the analytical                          | methodologies between solicited                             | monitor the rating on an ongoing   | business development staff which                    |
|                   | ratings process and the Rating                         | and unsolicited ratings in any                              | basis. To the extent there is no   | apply consistently to solicited and                 |
|                   | Committee process.                                     | sector or industry.   | participation from the issuer by   | unsolicited ratings.                                |
|                   |  |   | way of meetings, discussions       |   |
|                   |  |   | and/or receipt of information or   |   |
|                   |  |   | access to the accounts of the      |   |
|                   |  |   | rated entity, DBRS would           |   |
|                   |  |   | determine whether it has           |   |
|                   |  |   | sufficient public information to   |   |
|                   |  |   | undertake the required analysis    |   |
|                   |  |   | of the issuer to determine a       |   |
|                   |  |   | rating. If DBRS determines the     |   |
|                   |  |   | public information available is    |   |
|                   |  |   | insufficient to rate the issuer,   |   |
|                   |  |   | DBRS simply does not perform       |   |
|                   |  |   | the ratings analysis.              |   |
| European Rating   | ERA states that generally it uses                      | ERA affirms that it uses the same                           | The data used in the unsolicited   | According to ERA's internal policy,                 |
| Agency, a.s.(ERA) | the same procedures for                                | methodologies for solicited and                             | rating process are public and can  | ERA will not seek or accept                         |
|                   | unsolicited ratings in comparison                      | unsolicited ratings. The                                    | be obtained without rated entity   | remuneration for its analytical                     |
|                   | to solicited ratings with the                          | application of the methodologies                            | assistance. As mentioned above,    | services from the rated entity for                  |
|                   | exception that it does not send a                      | only differs in that for unsolicited                        | ERA has an exact list of factors   | at least one year after the                         |
|                   | questionnaire to obtain data and                       | ratings ERA uses only publicly                              | excluded from the assessment       | publication of an unsolicited                       |
|                   | information, nor it conducts                           | available information and data.                             | when assigning unsolicited ratings | rating. ERA also uses an                            |
|                   | interviews with the rated entity.                      | For unsolicited ratings assigned to                         | (for municipalities and non-       | Acceptance Committee and other                      |
|                   | All other procedures are the                           | municipalities and non-financial                            | financial corporates). When the    | internal mechanisms to detect                       |
|                   | same, including analysis, approval                     | corporates it might be not                                  | rest of data required by the       | conflict of interest or other                       |
|                   | by the Rating Committee, and                           | possible to assess some sub-                                | methodology are not available,     | threats for the independence of                     |
|                   |  |   | ERA affirms that the credit rating | -   |
|                   | by the Rating Committee, and<br>monitoring and review. | possible to assess some sub-<br>factors: while developing a |                                    | threats for the independence of the rating process. |



|                   |                                   |                                      |                                    | T                                   |
|-------------------|-----------------------------------|--------------------------------------|------------------------------------|-------------------------------------|
|                   |                                   | solicited rating, the information    | cannot be issued. Also when the    |                                     |
|                   |                                   | and data to assess these sub-        | required data are not complete or  |                                     |
|                   |                                   | factors are obtained and verified    | they come from non-reliable        |                                     |
|                   |                                   | through a questionnaire and          | sources (cannot be verified), a    |                                     |
|                   |                                   | interviews with the entity, which    | credit rating is not issued.       |                                     |
|                   |                                   | are not conducted for unsolicited    |                                    |                                     |
|                   |                                   | ratings. In the case of financial    |                                    |                                     |
|                   |                                   | corporates (e.g. banks), there is    |                                    |                                     |
|                   |                                   | no difference in the use of          |                                    |                                     |
|                   |                                   | methodology whatsoever, since is     |                                    |                                     |
|                   |                                   | possible to obtain all required      |                                    |                                     |
|                   |                                   | information and data from            |                                    |                                     |
|                   |                                   | reliable official sources.           |                                    |                                     |
|                   |                                   | Considering the minor influence      |                                    |                                     |
|                   |                                   | of the above mentioned excluded      |                                    |                                     |
|                   |                                   | factors (only for municipalities     |                                    |                                     |
|                   |                                   | and non-financial corporates), the   |                                    |                                     |
|                   |                                   | unsolicited ratings are considered   |                                    |                                     |
|                   |                                   | comparable to the solicited ones     |                                    |                                     |
|                   |                                   | and the solicitation status has no   |                                    |                                     |
|                   |                                   | other effect on the rating grade     |                                    |                                     |
|                   |                                   | assigned. The unsolicited ratings    |                                    |                                     |
|                   |                                   | are marked as such in the rating     |                                    |                                     |
|                   |                                   | statement. In case there is not      |                                    |                                     |
|                   |                                   | enough data and information ERA      |                                    |                                     |
|                   |                                   | states that it would not issue       |                                    |                                     |
|                   |                                   | unsolicited rating.                  |                                    |                                     |
| EuroRating Sp. z  | EuroRating holds three internal   | EuroRating states that the rating    | EuroRating affirms that due to its | According to EuroRating policies,   |
| o.o. (EuroRating) | procedures regarding unsolicited  | process and methodologies are        | adopted policies, it issues        | a general rule applied is that      |
|                   | ratings. EuroRating affirms that  | the same for unsolicited and         | unsolicited ratings only for       | EuroRating does not actively offer  |
|                   | the basic conditions relating to  | solicited ratings, and the only      | entities for which there is wide   | (or perform actions in any other    |
|                   | EuroRating being able to issue    | difference lies in the fact that the | scope of information available     | way which puts pressure to place    |
|                   | and later continue monitoring     | process of analysing the risk        | from public sources (e.g. blue     | an order) to the entities for which |
|                   | unsolicited ratings are analogous | presented by the rated entity is     | chips, banks, etc.). Thus, the     | it issues (or plans to issue) an    |
|                   | to those for solicited ratings,   | generally carried out exclusively    | agency rarely faces problems of    | unsolicited rating. There is also a |
|                   | namely: (a) EuroRating must be in | (or mostly) on the basis of          | restrictions with respect to the   | rule for which EuroRating does      |
|                   | possession of or have access to   | information that is publicly         | data availability when assigning   | not provide for rated entities (or  |



|                    | sufficient information of           | available and that EuroRating        | an unsolicited rating. If there is   | their related third parties) any    |
|--------------------|-------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|
|                    | appropriate quality and reliability | cannot require the rated entity to   | not enough information about a       | other paid services, and this       |
|                    | to be able to carry out a reliable  | supply any information. In certain   | rated entity from public sources,    | applies also for unsolicited        |
|                    | analysis and credit risk            | cases, a rated entity for which the  | EuroRating tries to obtain them      | ratings. Thus, there is no          |
|                    | assessment of the rated entity      | agency provides an unsolicited       | from services at a cost, and if it   | possibility that EuroRating would   |
|                    | and to allocate a reliable credit   | rating may, of its own will,         | does not solve the problem, the      | obtain any payments from the        |
|                    | rating; and (b) the rating process  | provide the agency with a limited    | agency withdraws the rating for      | entities for which it issues        |
|                    | must include appropriate            | amount of non-public                 | an entity for which there is not     | unsolicited credit rating. In       |
|                    | analyses that take into account     | information. For unsolicited         | enough available information.        | addition, in accordance with the    |
|                    | both quantitative and qualitative   | ratings, in cases when EuroRating    |                                      | CRA Regulation, rated entities for  |
|                    | factors in accordance with the      | can't obtain from public sources     |                                      | which EuroRating issues             |
|                    | methodology used by EuroRating      | some of information typically        |                                      | unsolicited ratings are informed    |
|                    | for the type of entity being rated. | required in the rating process, the  |                                      | at least 24 hours in advance of     |
|                    |                                     | methodology applied by the           |                                      | the rating assignment, rating       |
|                    |                                     | agency assumes that there is         |                                      | verification and/or any change of   |
|                    |                                     | more conservatism applied in that    |                                      | the assigned rating and/or its      |
|                    |                                     | area of credit risk assessment, to   |                                      | outlook as well as on rating        |
|                    |                                     | ensure that the lack of the          |                                      | withdrawal.                         |
|                    |                                     | information will not result in       |                                      |                                     |
|                    |                                     | assigning a credit rating based on   |                                      |                                     |
|                    |                                     | overly optimistic assumptions and    |                                      |                                     |
|                    |                                     | that it will not affect the quality  |                                      |                                     |
|                    |                                     | and credibility of the ratings       |                                      |                                     |
|                    |                                     | issued.                              |                                      |                                     |
| Feri EuroRating    | Feri affirms that policies for      | Feri provides unsolicited ratings    | Feri uses only publicly available    | In case of country ratings, Feri    |
| Services AG (Feri) | development, approval, review,      | for country ratings (i.e. sovereign  | information for the unsolicited      | does not provide solicited ratings, |
|                    | disclosing, monitoring and          | ratings). Feri states that beyond    | country ratings. Feri states that it | so that a pressure on the rated     |
|                    | safekeeping of credit               | the fact that for country ratings i) | only rates countries for which a     | entity to place an order for a      |
|                    | methodologies as well as the        | only public information is used, ii) | predefined set of data must be       | credit assessment or other service  |
|                    | rules of procedure for the rating   | there is no on-site visit or         | available in sufficient quality. A   | cannot be expected. In this regard  |
|                    | and internal review committees      | inclusion of the rated entity, iii)  | rating proposal is made by the       | it has also to be reminded that     |
|                    | are the same for all credit rating  | and specific rules of the CRA        | responsible rating analyst only if   | country ratings are available       |
|                    | types.                              | Regulation for country ratings are   | the rating analyst believes to be    | exclusively for Feri's subscribers. |
|                    |                                     | implemented, the sovereign           | able to have a solid information     |                                     |
|                    |                                     | credit rating process is based on    | base and enough information to       |                                     |
|                    |                                     | an econometric model. The            | run the econometric model and        |                                     |
|                    |                                     | review policies are valid for all    | formulate a credit opinion.          |                                     |



|  |  | kind of credit ratings.  |   |  |
|--|--|--|---|--|
| Fitch Ratings<br>(Fitch)   | Fitch states that there are no<br>differences between Fitch's rating<br>processes, policies and<br>procedures regarding solicited<br>and unsolicited ratings.  | Fitch affirms that there are no<br>differences between Fitch's rating<br>methodologies used and applied<br>to solicited and unsolicited<br>ratings. Solicitation type has no<br>effect on the level of the ratings<br>assigned.  | Fitch states that it only rates<br>entities when it has sufficient<br>information to do so. If there is<br>insufficient information to rate an<br>entity on a solicited or unsolicited<br>basis then Fitch will not assign a<br>rating to such an entity. If the<br>issuer does not participate in the<br>rating process, whether the<br>relevant rating is solicited or<br>unsolicited, Fitch will only<br>proceed with the rating if the<br>information available from other<br>sources (whether public or non-<br>public) is sufficient for Fitch's<br>analysis. | When initiating its unsolicited<br>rating process with a particular<br>entity, Fitch affirms that its<br>practice has always been to<br>request and welcome the entity's<br>direct participation, and offer to<br>schedule an analytical meeting<br>with representatives from the<br>entity at a time and location that<br>is convenient for them. The<br>request for participation is made<br>without any demand for<br>payment. Moreover, if an issuer<br>chooses to participate, no<br>payment is required or obtained.   |
| GBB-Rating<br>Gesellschaft für<br>Bonitätsbeurteilun<br>g GmbH (GBB) | GBB states that it does not<br>distinguish between solicited and<br>unsolicited ratings with regard to<br>procedures (rating-committee)<br>and processes (monitoring). Both<br>are handled in the same manner.<br>Differences are related to the<br>information basis and disclosure<br>(due to the CRA Regulation)<br>requirements. | GBB affirms that it applies the<br>same rating methodologies to<br>solicited and to unsolicited<br>ratings. As unsolicited ratings are<br>normally made without<br>participation of the rated entity,<br>GBB considers publicly available<br>information especially presented<br>by the rated entity on its<br>homepage. In this case no<br>management dialogue would be<br>conducted, hence no further<br>explanations and clarifications<br>could be expected. As far GBB<br>considers certain information<br>relevant to the rating not<br>completely appropriate, the<br>specific criteria would be<br>evaluated in a more conservative<br>way. This could lead to a lower | GBB performs unsolicited long-<br>term corporate ratings. GBB<br>states that for these the<br>availability of data is high. GBB<br>affirms that when GBB considers<br>public available information of a<br>company not appropriate (not<br>meaningful) no rating would be<br>assigned.  | GBB has affirmed that in its policy<br>on unsolicited ratings it will state<br>that no pressure has to be put on<br>rated entities by GBB or staff. In<br>addition, besides an individual<br>self-declaration of the analysts<br>and the managing directors not to<br>put pressure, GBB implemented<br>the following measures: i) the<br>institution has to be notified<br>within business hours at least one<br>full working day before<br>publication, so that the institution<br>has an opportunity to draw<br>attention to factual errors and<br>ambiguities or to give additional<br>information, and ii) in the case of<br>a previously withdrawn solicited<br>rating published at least on GBB<br>homepage (rating list) a cool off |



|                                   |   | rating category for an unsolicited<br>rating compared to a solicited<br>rating. The conservative approach  |   | period of a year has to be kept<br>before an unsolicited rating of the<br>institution could be published.   |
|-----------------------------------|---|--|---|---|
|                                   |   | would be described in the rating<br>report.  |   | institution could be published.   |
| ICAP Group SA<br>(ICAP)           | ICAP used to rate exclusively on<br>an unsolicited basis until the<br>middle of 2014. Its policies and<br>procedures were not subject to<br>any modifications related to the<br>assignment and review of credit<br>ratings when ICAP commenced to<br>assign solicited ratings. The only<br>applicable changes to these<br>policies following the expansion<br>of ICAP activities also in the<br>solicited credit ratings area were<br>carried out with the aim of<br>reinforcing the transparency,<br>independence and compliance<br>with the regulatory framework. | ICAP affirms that the<br>methodology at both quantitative<br>and qualitative levels applied by<br>ICAP does not differ whether the<br>rating is assigned on an<br>unsolicited or on a solicited basis.<br>It is noted that there is more data<br>availability in case of solicited<br>ratings with respect to unsolicited<br>ones, mainly due to the<br>contractual obligation that binds<br>the rated corporate in terms of<br>providing to ICAP the necessary<br>information. In addition, the<br>credit rating assignment<br>procedure is structured and<br>robust not requiring any changes<br>depending on the solicitation<br>type. The methodologies are<br>applied in an identical manner. In<br>case of an unsolicited rating<br>assessment, where the analyst<br>identifies a critical type of<br>information that is not provided<br>by the rated entity (e.g. due to<br>low willingness to collaborate), | ICAP has clarified to the EBA the<br>data sources used during the<br>rating assignment process. ICAP<br>affirms that it has minimum data<br>requirements that have to be<br>satisfied before a rating is<br>assigned for a specific corporate.<br>In case the data available does<br>not satisfy the minimum<br>requirements the rating is not<br>assigned. | ICAP affirms it applies a code of<br>conduct which combined with the<br>appropriate measures and<br>controls ensure the provision of<br>reliable unsolicited credit ratings<br>free of any conflicts of interest.<br>There is a list of clauses in the<br>code of conduct which would<br>guarantee such objective (e.g.<br>internal procedures aimed at<br>preventing/eliminating conflict of<br>interests which may influence the<br>credit assessments, separation<br>between business activities,<br>independence of the CRA,<br>employees in the sales &<br>marketing division are the only<br>responsible to participate in<br>discussions or negotiations<br>regarding fees or payments for<br>credit ratings, etc.). In this context<br>the possibility of any potential<br>pressure on the rated entity is<br>very limited. |
|                                   |   | she/he will make a conservative<br>assumption about this missing<br>information.   |   |   |
| Japan Credit<br>Rating Agency Ltd | JCRA affirms that its policies and methodologies associated with  | The rating methodologies used for unsolicited ratings are the  | JCRA affirms that in the process of assignment of unsolicited ratings,  | JCRA affirms that it avoids putting pressure on the rated entity to   |
| (JCRA)                            | the process of assigning an   | same as those applied for  | the analysts of JCRA are required   | place an order for credit   |



|                   | uncolicited rating shall be in       | colicited ratings ICPA states that  | to "strive to obtain" unpublished   | according on other convises by     |
|-------------------|--------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|
|                   | unsolicited rating shall be in       | solicited ratings. JCRA states that | •                                   | assessments or other services by   |
|                   | principle, the same as policies and  | its rating methodologies are not    | information from the issuer. For    | requiring the rated entity's       |
|                   | methods associated with the          | applied differently for solicited   | Corporate and Public Finance        | consent prior to issuing an        |
|                   | process of assigning solicited       | and unsolicited credit ratings.     | ratings, in most of the cases JCRA  | unsolicited rating on it. If the   |
|                   | credit ratings, and the credit       | Also, JCRA rating methodologies     | is able to obtain such data by      | entity rejects to give JCRA the    |
|                   | rating agency shall strive to issue  | do not require the application of   | means of different strategies       | consent for issuing the credit     |
|                   | ratings that fulfil this objective.  | more or less conservatism in the    | (email, telephone, interviews,      | rating then JCRA would not issue   |
|                   | The only material difference         | credit assessment for unsolicited   | etc). There are few exceptions in   | such rating. In case of sovereign  |
|                   | between solicited and unsolicited    | ratings, compared to solicited      | which only published information    | ratings, for which consent from    |
|                   | ratings is the usage of              | ones. On the other hand, "the less  | is available, however in these      | the country is not needed for the  |
|                   | unpublished information: while       | information, the more               | cases unsolicited ratings can be    | issuance of an unsolicited rating, |
|                   | for solicited ratings this kind of   | conservatism" principle is applied  | issued only when JCRA can ensure    | JCRA believes that given the fact  |
|                   | information can be obtained on       | to the decisions by the Rating      | that the quality of the             | that the rating is assigned mainly |
|                   | request, in case of unsolicited      | Committee. Such conservatism is     | information used is adequate.       | on published information and the   |
|                   | ratings JCRA "strives to obtain" it. | and should be applied not only to   | Also in case of Sovereign ratings   | rating methodologies do not        |
|                   | Indeed many of the unsolicited       | unsolicited ratings but also to     | JCRA tries to obtain additional     | differ between solicited and       |
|                   | ratings provided by JCRA are         | solicited ratings where the issuers | data from the country that is       | unsolicited ratings, then there is |
|                   | assigned using unpublished           | are relatively reluctant to provide | going to be rated, and JCRA issue   | little room for JCRA to apply      |
|                   | information obtained from the        | unpublished information.            | the unsolicited rating only in case | conservatism to the sovereign      |
|                   | issuer.                              |                                     | it can be ensured the quality of    | rating. This would avoid pressure  |
|                   |                                      |                                     | information used.                   | on the rated country in case of    |
|                   |                                      |                                     |                                     | unsolicited sovereign ratings.     |
| Kroll Bond Rating | KBRA states that its policies and    | KBRA affirms that it uses the       | KBRA affirms that the most          | The United States Securities and   |
| Agency (KBRA)     | procedures with respect to the       | same rating methodologies and       | common restriction KBRA faces in    | Exchange Commission's Rule         |
| 5-7(7)            | assignment and review of             | assignment procedures for           | issuing an unsolicited rating is    | 240.17g-6 prohibits nationally     |
|                   | unsolicited ratings do not differ    | solicited and unsolicited ratings.  | that KBRA is not in a position to   | recognized statistical ratings     |
|                   | from its policies and procedures     | As a general principle, when        | obtain information about            | organizations from engaging in     |
|                   | with respect to solicited ratings.   | information that KBRA requires      | business strategy directly from     | practices that condition the       |
|                   |                                      | under a given rating methodology    | senior executive management of      | issuance of a credit rating to the |
|                   |                                      | is not provided to KBRA in the      | the rated entity. There are no      | purchase of other products or      |
|                   |                                      | credit rating process, KBRA will    | particular asset classes in which   | services from the nationally       |
|                   |                                      | adopt a more conservative view.     | the unavailability of such data     | recognized statistical ratings     |
|                   |                                      |                                     | represents a clear limit to KBRA's  | organization. KBRA states that it  |
|                   |                                      |                                     | -                                   | -                                  |
|                   |                                      |                                     | ability to carry out the credit     | has instituted policies and        |
|                   |                                      |                                     | assessment.                         | procedures, as well as its Code of |
|                   |                                      |                                     |                                     | Conduct, to implement the          |
|                   |                                      |                                     |                                     | requirements of SEC Rule           |



|                   |                                      |                                    |                                       | 240.17g-6.                           |
|-------------------|--------------------------------------|------------------------------------|---------------------------------------|--------------------------------------|
| Moody's Investors | Moody's states that it does not      | Moody's affirms that it uses the   | Moody's states that it will not       | Moody's states that it requires      |
| Service (Moody's) | distinguish between solicited and    | same methodologies for solicited   | issue a credit rating (regardless of  | the separation of its rating and     |
|                   | unsolicited credit ratings with      | and unsolicited credit ratings.    | its solicitation type and of the fact | commercial activities to prevent     |
|                   | respect to its policies and          | There are no differences between   | that the rated entity has             | commercial considerations from       |
|                   | procedures for the assignment        | the assignment and review          | participated in the rating process)   | compromising the integrity or        |
|                   | and review of credit ratings.        | policies and procedures of         | or maintain an existing credit        | independence of its credit rating    |
|                   | Moody's maintain policies and        | solicited and unsolicited ratings. | rating, where the quality of          | services and other rating services.  |
|                   | procedures for the designation of    | In addition Moody's states that it | information available for             | The decision to issue an             |
|                   | unsolicited credit ratings in the    | does not apply its methodologies   | assigning a credit rating is          | unsolicited rating is based on a     |
|                   | different jurisdictions which are    | differently between solicited and  | unsatisfactory, insufficient or       | number of factors including the      |
|                   | intended to provide transparency     | unsolicited credit ratings.        | raises serious questions as to        | usefulness of the rating to          |
|                   | to market participants and codify    |                                    | whether Moody's can provide a         | investors, the relevance of the      |
|                   | regulatory disclosure                |                                    | credible credit rating. Moody's       | issuer and the issuer's industry in  |
|                   | requirements on such ratings. The    |                                    | has provided the EBA with a high      | the market, and whether              |
|                   | procedures i) deal also with the     |                                    | level list of sources of information  | sufficient information is available  |
|                   | interaction and communication        |                                    | and types of data used for            | to allow Moody's to assign and       |
|                   | with the rated entity should the     |                                    | determining its credit ratings.       | maintain the rating. Further,        |
|                   | rated entity participate or not in   |                                    | Regardless of the solicitation        | because Moody's has initiated the    |
|                   | the rating process, and ii) include  |                                    | type, to the extent that there is a   | credit rating process, Moody's will  |
|                   | provisions related to public         |                                    | clear limit on Moody's ability to     | not seek or accept remuneration      |
|                   | disclosure in case the rating is     |                                    | assign or maintain the credit         | for an unsolicited credit rating     |
|                   | unsolicited.                         |                                    | rating based on limited data,         | during the rating process, or for    |
|                   |                                      |                                    | Moody's states that it will not       | at least one year after publication  |
|                   |                                      |                                    | assign the credit rating in the first | of the unsolicited credit rating.    |
|                   |                                      |                                    | instance, or will withdraw the        |                                      |
|                   |                                      |                                    | credit rating.                        |                                      |
| Scope Ratings AG  | Scope states that there are no       | Scope affirms that the rating      | In the case of ratings based solely   | Scope affirms that it is using       |
| (Scope)           | differences in Scope's policies and  | methodologies used in case of      | on public information, Scope          | unsolicited ratings only in a        |
|                   | procedures regarding the             | solicited and unsolicited ratings  | affirms that it will undertake the    | limited fashion, and especially for  |
|                   | assignment and review of             | are the same. In addition, the     | rating process only if the amount     | the purpose of demonstrating its     |
|                   | unsolicited ratings versus solicited | application of these               | and quality of such information       | analytical capabilities to investors |
|                   | ratings. Scope's Rating              | methodologies does not differ      | and data enables it to assign a       | and to provide real life examples    |
|                   | Governance explicitly requests       | depending on the solicitation      | rating without compromising in        | of how its methodology works. In     |
|                   | that Scope's due diligence and       | type.                              | any way the quality of the            | addition most entities for which     |
|                   | rating process will apply the same   |                                    | analysis supporting it. Scope will    | Scope provides unsolicited ratings   |
|                   | methodology and process for          |                                    | not assign unsolicited ratings in     | have additional ratings from other   |



|                 | both solicited and unsolicited      |                                    | cases where deficiencies of          | CRAs which are in line with          |
|-----------------|-------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|
|                 | ratings.                            |                                    | available data could lead to a       | Scope's credit assessments. Scope    |
|                 |                                     |                                    | more conservative rating to allow    | states that issuing unrealistically  |
|                 |                                     |                                    | "margin for error". The underlying   | low ratings with the aim to          |
|                 |                                     |                                    | analyses for unsolicited ratings     | exercise pressure on issuers         |
|                 |                                     |                                    | are based on public data and         | would significantly harm its         |
|                 |                                     |                                    | information. This may include        | intentions of convincing investors   |
|                 |                                     |                                    | public information acquired at a     | of its analytical capabilities and   |
|                 |                                     |                                    | cost (e.g. from data base            | would be in contrast with its        |
|                 |                                     |                                    | suppliers, based on paid             | operations principles. In addition   |
|                 |                                     |                                    | subscriptions). Often times when     | when assigning an unsolicited        |
|                 |                                     |                                    | assigning an unsolicited rating,     | rating Scope will contact the        |
|                 |                                     |                                    | issuers that have not requested      | issuer inviting it to comment on     |
|                 |                                     |                                    | such rating may choose to            | the rating, thus allowing it to      |
|                 |                                     |                                    | participate in the rating process.   | participate in the rating process    |
|                 |                                     |                                    | The details of such participation    | and eventually appeal.               |
|                 |                                     |                                    | are clearly highlighted in the       |                                      |
|                 |                                     |                                    | respective issuer rating reports as  |                                      |
|                 |                                     |                                    | well as in press releases.           |                                      |
| Spread Research | SR states that the policies and     | SR affirms that the methodologies  | SR states that in case of            | SR affirms that in order to have     |
| (SR)            | procedures regarding the            | through which unsolicited and      | unsolicited ratings SR uses as       | no conflict of interest, a rating    |
|                 | assignment and review of            | solicited ratings are assigned are | much public information as it can    | cannot be paid by investor and       |
|                 | unsolicited ratings are the same    | the same. In addition, the         | have access to, including            | issuers at the same time in          |
|                 | as for the solicited ratings issued | application of these               | information restricted to bond       | accordance with SR code of           |
|                 | by this ECAI. In case of ratings    | methodologies does not differ      | holders. SR requires a minimum       | conduct. The issuer or rated         |
|                 | withdrawn SR indicates such         | depending on the solicitation      | set of information in order to be    | entity does not feel pressure from   |
|                 | occurrence through its website to   | type.                              | able to start the rating process. In | SR since SR does not ask the rated   |
|                 | all relevant subscribers in case of |                                    | case of solicited ratings also       | entity to be publicly rated          |
|                 | unsolicited ratings (unsolicited    |                                    | private information is available     | thereafter. Unsolicited ratings of   |
|                 | ratings of SR are paid by investors |                                    | and used, and it is provided by      | SR are requested and paid by         |
|                 | on a subscription basis), while in  |                                    | the company or third party           | investors on a subscription basis.   |
|                 | case of solicited ratings the       |                                    | sources. SR states that public data  | The rated entity is not asking for a |
|                 | indication is provided to any       |                                    | on corporate issuers (i.e. the       | rating and there is no contractual   |
|                 | investor.                           |                                    | issuers covered by this ECAI) are    | agreement between the rated          |
|                 |                                     |                                    | easily and fully available, so that  | entity and SR. Finally SR in         |
|                 |                                     |                                    |                                      |                                      |
|                 |                                     |                                    | SR is able to provide the market     | accordance with the CRA              |



|  |  |   |  | entity of its rating proposal at<br>least 24 hours before the issuance<br>of a rating, thus allowing the<br>rated entity to provide additional<br>information, which will be<br>assessed to decide whether a<br>different rating should be<br>assigned.  |
|--|--|---|--|--|
| Standard & Poor's<br>Ratings Services<br>(S&P) | S&P states that its policies and<br>procedures for solicited credit<br>ratings apply also to unsolicited<br>credit ratings. S&P maintains<br>standard operating procedures<br>for unsolicited credit ratings,<br>which describes specific<br>operational or disclosure<br>differences or other characteristic<br>of unsolicited credit ratings<br>necessitated by the CRA<br>Regulation. In this regard S&P<br>provided the EBA with the main<br>differences between policies and<br>procedures for unsolicited credit<br>ratings versus those for solicited<br>credit ratings, which are mainly<br>representative of disclosure<br>actions for regulation purposes<br>and in no case related to possible<br>difference in quality between<br>solicited and unsolicited credit<br>ratings. | S&P affirms that it uses the same<br>credit rating methodologies for<br>solicited and unsolicited credit<br>ratings. In addition S&P's rating<br>methodologies are applied in the<br>same way for both solicited and<br>unsolicited credit ratings. | S&P states that according to its<br>internal policies S&P may issue<br>and maintain an unsolicited credit<br>rating if it has sufficient<br>information of satisfactory quality<br>to do so. Unsolicited credit ratings<br>are based on information which is<br>in the public domain but<br>additional information may be<br>provided by the rated entity.<br>Given the approach set out<br>above, there are no particular<br>asset classes in which data<br>availability represents a<br>significant limit on S&P ability to<br>carry out its credit analysis. S&P<br>will not issue a credit rating –<br>whether solicited or unsolicited –<br>unless it concludes that it has (a)<br>information of satisfactory quality<br>to determine the credit rating, (b)<br>sufficient analysts with<br>appropriate knowledge and<br>experience to determine the<br>credit rating and (c) sufficient | S&P provided the EBA a list of<br>measure this ECAI employs to<br>guarantee the independence and<br>objectivity of S&P's ratings<br>activities. These consist of<br>internal policies, procedures,<br>codes (e.g. business ethics,<br>conduct) for employees, and<br>controls aimed at avoiding any<br>possible conflict of interest when<br>providing credit ratings, their<br>impartiality and fairness,<br>independency, and that prevent<br>the possibility that an unsolicited<br>credit assessment is used to put<br>pressure on the rated entity to<br>place an order for a credit<br>assessment or other services. |
|  |  |   | historical experience or<br>information to appropriately rate<br>a new type of structure or a new<br>entity, where applicable.   |  |

