

List of Central Counterparties authorised to offer services and activities in the Union

The Central Counterparties (CCPs) listed below have been authorised to offer services and activities in the Union in accordance with Regulation (EU) No 648/2012 of the European Parliament and of the Council of 4 July 2012 on OTC derivatives, central counterparties and trade repositories (EMIR).

The tables below are published by ESMA in accordance with Article 88(1) of EMIR.

Table 1: List of CCPs that have been authorised to offer services and activities in the Union

| No | Name of the CCP | Identification Code of CCP (LEI) | Established in the Union or in a Third Country | Country of establishment | Competent authority (if established in the Union) | Date of authorisation |
|----|---|-------------------------------------|--|--------------------------|--|-----------------------|
| 1 | Nasdaq OMX Clearing AB | 54930002A8LR1AA UCU78 | In the Union | Sweden | Finansinspektionen | 18 March 2014 |
| 2 | European Central Counterparty N.V. | 724500937F740MH CX307 | In the Union | Netherlands | De Nederlandsche Bank (DNB) | 1 April 2014 |
| 3 | KDPW_CCP | DPW_CCP 2594000K576D5CQ XI987 | | Poland | Komisja Nadzoru Finansowego (KNF) | 8 April 2014 |
| 4 | Eurex Clearing AG | 529900LN3S50JPU 47S06 | In the Union | Germany | Bundesanstalt für Finanzdienstleistungs aufsicht (Bafin) | 10 April 2014 |
| 5 | Cassa di Compensazione e Garanzia S.p.A. (CCG) | 8156006407E264D2 C725 | In the Union | Italy | Banca d'Italia | 20 May 2014 |
| 6 | LCH.Clearnet SA | R1IO4YJ0O79SMW VCHB58 | In the Union | France | Autorité de Contrôle Prudentiel et de Résolution (ACPR) | 22 May 2014 |
| 7 | European Commodity Clearing | 529900M6JY6PUZ9 NTA71 | In the Union | Germany | Bundesanstalt für Finanzdienstleistungs aufsicht (Bafin) | 11 June 2014 |
| 8 | LCH.Clearnet Ltd | F226TOH6YD6XJB 17KS62 | In the Union | United Kingdom | Bank of England | 12 June 2014 |



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| 9 | Keler CCP | 529900MHIW6Z8O TOAH28 | In the Union | Hungary | Central Bank of Hungary (MNB) | 4 July 2014 |
|----|---|--------------------------|--------------|-------------------|---|----------------------|
| 10 | CME Clearing Europe Ltd | 6SI7IOVECKBHVY BTB459 | In the Union | United Kingdom | Bank of England | 4 August 2014 |
| 11 | CCP Austria Abwicklungsstelle für Börsengeschäfte GmbH (CCP.A) | 529900QF6QY66Q ULSI15 | In the Union | Austria | Austrian Financial Market Authority (FMA) | 14 August 2014 |
| 12 | LME Clear Ltd | 213800L8AQD59D3 JRW81 | In the Union | United Kingdom | Bank of England | 3 September 2014 |
| 13 | BME Clearing | 5299009QA8BBE2 OOB349 | In the Union | Spain | Comisión Nacional del Mercado de Valores (CNMV) | 16 September 2014 |
| 14 | OMIClear - C.C., S.A. | 5299001PSXO7X2J X4W10 | In the Union | Portugal | Comissão do Mercado de Valores Mobiliários (CMVM) | 31 October 2014 |
| 15 | ICE Clear Netherlands B.V. ¹ | 7245003TLNC4R9X FDX32 | In the Union | Netherlands | De Nederlandsche Bank (DNB) | 12 December 2014 |
| 16 | Athens Exchange Clearing House (Athex Clear) | 213800IW53U9JMJ 4QR40 | In the Union | Greece | Hellenic Capital Market Commission | 22 January 2015 |

¹ Previously named Holland Clearing House B.V.



Table 1 bis: List of CCPs that have been granted an extension of authorisation

| No | Name of the CCP | Identification Code of CCP (LEI) | Established in the Union or in a Third Country | Country of establishment | Competent authority (if established in the Union) | Date of authorisation |
|----|-------------------------|-------------------------------------|--|--------------------------|--|---|
| 1 | CME Clearing Europe Ltd | 6SI7IOVECKBHVY BTB459 | In the Union | United Kingdom | Bank of England | 9 January 2015 18 September 2015 30 October 2015 |
| 2 | Nasdaq OMX Clearing AB | 54930002A8LR1AA UCU78 | In the Union | Sweden | Finansinspektionen | 25 February 2015 |
| 3 | LCH.Clearnet Ltd | F226TOH6YD6XJB 17KS62 | In the Union | United Kingdom | Bank of England | 27 March 2015 |
| 4 | Eurex Clearing AG | 529900LN3S50JPU 47S06 | In the Union | Germany | Bundesanstalt für Finanzdienstleistungs aufsicht (Bafin) | 3 July 2015 |
| 5 | BME Clearing | 5299009QA8BBE2 OOB349 | In the Union | Spain | Comisión Nacional del Mercado de Valores (CNMV) | 21 July 2015 |



Table 2: Classes of financial instruments covered by the CCP's authorisationⁱ

| Please refer to the classes | Table 3 below for more | Nasdaq OMX Clearing AB | European Central Counterparty N.V. | KDPW_CCP | Eurex Clearing AG | CCG | LCH.Clearnet SA | European Commodity Clearing | LCH.Clearnet Ltd | Keler CCP | CME Clearing Europe Ltd | | |
|-----------------------------|---|---------------------------|---|---------------------------|----------------------|--------------|--------------------------------|-----------------------------------|---------------------|--------------|-------------------------------|-------------|-------------------------|
| | Securities | Equity | OTC" | | 1 April 2014 | 8 April 2014 | 10 April 2014 | 20 May 2014 | 22 May 2014 | | 12 June 2014 | | |
| | (financial instruments referred to in | Equity | RM ⁱⁱⁱ | | 1 April 2014 | 8 April 2014 | 10 April 2014 | 20 May 2014 | 22 May 2014 | | 12 June 2014 | 4 July 2014 | |
| | points 1, 2 and 3 of Section C of Annex | Debt | отс | | | 8 April 2014 | 10 April 2014 | 20 May 2014 | 22 May 2014 | | 12 June 2014 | | |
| | I of MiFID) | Debi | RM | | | 8 April 2014 | 10 April 2014 | 20 May 2014 | 22 May 2014 | | | 4 July 2014 | |
| | | Equity | отс | 18 March 2014 | | | | | | | 12 June 2014 | | |
| | | Equity | RM | 18 March 2014 | | 8 April 2014 | 10 April 2014 | 20 May 2014 | 22 May 2014 | | 12 June 2014 | 4 July 2014 | |
| | | Debt | отс | 18 March 2014 | | | 10 April 2014 | | | | 12 June 2014 | | |
| | | Dept | RM | 18 March 2014 | | 8 April 2014 | 10 April 2014 | | | | | 4 July 2014 | |
| | Derivatives (financial instruments referred to in points 4 to 10 of | Interest Rate | отс | 18 March 2014 | | 8 April 2014 | 10 April 2014 | | | | 12 June 2014 | | 4 August 2014 |
| | | | RM | 18 March 2014 | | 8 April 2014 | 10 April 2014 | | | | | 4 July 2014 | 18 September 2015 |
| MiFID financial | | Inflation Rate | ОТС | | | | 3 July 2015 | | | | 27 March 2015 | | |
| instruments | | | RM | | | | | | | | | | |
| | | Credit | отс | | | | | | 22 May 2014 | | | | |
| | Section C of Annex I of MiFID) | | RM | | | | | | | | | | |
| | | Currencies | отс | 25 February 2015 | | | | | | | 12 June 2014 | | |
| | | Currencies | RM | 25 February 2015 | | 8 April 2014 | 10 April 2014 | | 22 May 2014 | | | 4 July 2014 | 4 August 2014 |
| | | Commodities | отс | 18 March 2014 | | | | | | 11 June 2014 | 12 June 2014 | | 4 August 2014 |
| | | Commodities | RM | 18 March 2014 | | | 10 April 2014 | 20 May 2014 | 22 May 2014 | 11 June 2014 | 12 June 2014 | 4 July 2014 | 4 August 2014 |
| | | Emission/Clim | отс | 18 March 2014 | | | | | | 11 June 2014 | 12 June 2014 | | |
| | | atic | RM | 18 March 2014 | | | 10 April 2014 ^{iv} | | | 11 June 2014 | | | 30 October 2015 |
| | | Freight | отс | | | | | | | 11 June 2014 | 12 June 2014 | | 4 August 2014 |
| | | Freight | RM | 7 April 2014 ^v | | | | | | 11 June 2014 | 12 June 2014 | | |



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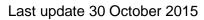
| | Please refer to Table 3 below for more information on the definition of the classes | | | Nasdaq OMX Clearing AB | European Central Counterpart y N.V. | KDPW_CCP | Eurex Clearing AG | ccg | LCH.Clearnet SA | European Commodity Clearing | LCH.Clearnet Ltd | Keler CCP | CME Clearing Europe Ltd |
|-------|---|--|-----|---------------------------|--|--------------|----------------------|-------------|--------------------|-----------------------------------|---------------------|-------------|-------------------------------|
| Other | Repo | Equity | отс | 18 March 2014 | | 8 April 2014 | 10 April 2014 | 20 May 2014 | 22 May 2014 | | 12 June 2014 | | |
| Other | Керо | Debt | RM | | | | | 20 May 2014 | | | | | |
| Other | Securities Lending | Equity Debt | ОТС | | | | 10 April 2014 | | | | | | |
| Other | Collateralised € Deposits | N.A. | отс | | | | | 20 May 2014 | | | | | |
| Other | Derivatives that are not MiFID financial instruments | Commodities, Emission/ Climatic, Freight | | | | | | | | 11 June 2014 | | 4 July 2014 | |
| Other | Assets that are not MiFID financial instruments | Commodities, Emission/ Climatic, Freight | | 18 March 2014 | | | | | | 11 June 2014 | | 4 July 2014 | 9 January 2015 |



Table 2 (continued): Classes of financial instruments covered by the CCP's authorisation vi

| Please refer to the classes | Table 3 below for more | information on the | definition of | CCP.A | LME Clear Ltd | BME Clearing | OMIClear | ICE Clear Netherlands B.V. ² | Athex Clear |
|-----------------------------|--|--------------------|--------------------|-------------------|---------------------|----------------------|--------------------|---|--------------------|
| | Securities | - · | OTC ^{vii} | | | 21 July 2015 | | | |
| | (financial instruments referred to in | Equity | RM ^{viii} | 14 August 2014 | | 21 July 2015 | | | 22 January 2015 |
| | points 1, 2 and 3 of Section C of Annex | 5.11 | отс | | | 16 September 2014 | | | |
| | I of MiFID) | Debt | RM | 14 August 2014 | | 16 September 2014 | | | 22 January 2015 |
| | | Equity | ОТС | | | | | 12 December 2014 | |
| | | Equity | RM | | | 16 September 2014 | | | 22 January 2015 |
| | | Dobt | ОТС | | | | | | |
| | | Debt | RM | | | 16 September 2014 | | | |
| | Derivatives (financial | Interest Rate | отс | | | 21 July 2015 | | | |
| | | | RM | | | | | | |
| MiFID financial | | Inflation Rate | ОТС | | | | | | |
| instruments | | | RM | | | | | | |
| | instruments referred to in points 4 to 10 of | Credit | отс | | | | | | |
| | Section C of Annex I of MiFID) | | RM | | | | | | |
| | | Currencies | отс | | | | | | |
| | | Currencies | RM | | | | | | 22 January 2015 |
| | | Commodities | отс | | 3 September 2014 | | 31 October 2014 | | |
| | | Commodues | RM | | 3 September 2014 | 16 September 2014 | 31 October 2014 | | 22 January 2015 |
| | | Emission/Clim | отс | | | | | | |
| | | atic | RM | | | | | | |
| | | Freight | отс | | | | | | |
| | | rreignt | RM | | | | | | |

² Previously named Holland Clearing House B.V.





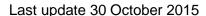
| Please refe the classes | | nore information on the d | efinition of | CCP.A | LME Clear Ltd | BME Clearing | OMIClear | ICE Clear Netherlands B.V. ³ | Athex Clear |
|----------------------------|--|--|--------------|-------|------------------|----------------------|----------|---|--------------------|
| Other | Pono | Equity | ОТС | | | 16 September 2014 | | | |
| Other | Repo | Debt | RM | | | 16 September 2014 | | | |
| Other | Securities Lending | Equity Debt | отс | | | | | | 22 January 2015 |
| Other | Collateralised € Deposits | N.A. | отс | | | | | | |
| Other | Derivatives that are not MiFID financial instruments | Commodities, Emission/ Climatic, Freight | | | | | | | |
| Other | Assets that are not MiFID financial instruments | Commodities, Emission/ Climatic, Freight | | | | | | | |

³ Previously named Holland Clearing House B.V.



Table 3: Definition of the classes of financial instruments covered by the CCP's authorisation

| | | | | Definitions |
|-----------------------------|-------------|-------------------|-----|---|
| | | Equity | отс | Equity securities (including indices of equity securities) the execution of which does not take place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | Securities | Equity | RM | Equity securities (including indices of equity securities) the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | Debt | OTC | Debt securities the execution of which does not take place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | Debt | RM | Debt securities the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | Equity | отс | Derivative contracts relating to equity securities (including indices of equity securities) which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| | | Equity | RM | Derivative contracts relating to equity securities (including indices of equity securities) the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | Debt | ОТС | Derivative contracts relating to debt instruments which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| | | Debt | RM | Derivative contracts relating to debt instruments the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| ants | | Interest | отс | Derivative contracts relating to interest rates which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| MiFID financial instruments | | Rate | RM | Derivative contracts relating to interest rates the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| l inst | | Inflation Rate | отс | Derivative contracts relating to inflation rates or other economic variables which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| ancia | | | RM | Derivative contracts relating to inflation rates or other economic variables the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| D fin | Derivatives | Credit | отс | Derivative contracts relating to the transfer of credit risk which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| Ā | | | RM | Derivative contracts relating to the transfer of credit risk the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | | отс | Derivative contracts relating to currencies which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| | | Currencies | RM | Derivative contracts relating to currencies the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | Commoditi | отс | Derivative contracts relating to commodities which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| | | es | RM | Derivative contracts relating to commodities the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | Emission/ | отс | Derivative contracts relating to climatic variables or emission allowances which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| | | Climatic | RM | Derivative contracts relating to climatic variables or emission allowances the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| | | | OTC | Derivative contracts relating to freight rates which are OTC derivative contracts as within the meaning of Article 2(7) of Regulation 648/2012 |
| | | Freight | RM | Derivative contracts relating to freight rates the execution of which takes place on a regulated market as within the meaning of Article 4(1)(14) of MiFID |
| Other | | | | Services in respect of the clearing of instruments which are not a financial instrument under Section C of Annex I of MiFID |





Authorisation is granted on the basis of activities or services which share a common risk profile. Therefore, an extension of authorisation would be needed where the CCP intends to undertake additional activities or services which expose the CCP to new or increased risks, e.g. where the CCP intends to provide clearing services in respect of a class of financial instruments with a different risk profile or that has material differences from the CCP's existing product set, even where the additional activity service falls within one of the categories above for which the CCP has already received authorisation.

Over The Counter (OTC): the execution of the security or derivative does not take place on a regulated market as within the meaning of Article 4(1)(14) of Directive 2004/39/EC or on a third country market considered as equivalent to a regulated market in accordance with Article 19(6) of Directive 2004/39/EC (Article 2(7) of EMIR)

Regulated Market (RM): the execution of the security or derivative takes place on a regulated market as within the meaning of Article 4(1)(14) of Directive 2004/39/EC or on a third country market considered as equivalent to a regulated market in accordance with Article 19(6) of Directive 2004/39/EC (Article 2(7) of EMIR)

iv Within this class, the authorisation of some products is limited until 31 July 2014.

^v The class was covered by the initial authorisation of the CCP. However, this class was only introduced to the CCP product set as of 7 April 2014 following the merger with NOS Clearing.

Authorisation is granted on the basis of activities or services which share a common risk profile. Therefore, an extension of authorisation would be needed where the CCP intends to undertake additional activities or services which expose the CCP to new or increased risks, e.g. where the CCP intends to provide clearing services in respect of a class of financial instruments with a different risk profile or that has material differences from the CCP's existing product set, even where the additional activity service falls within one of the categories above for which the CCP has already received authorisation.

Over The Counter (OTC): the execution of the security or derivative does not take place on a regulated market as within the meaning of Article 4(1)(14) of Directive 2004/39/EC or on a third country market considered as equivalent to a regulated market in accordance with Article 19(6) of Directive 2004/39/EC (Article 2(7) of EMIR)

Regulated Market (RM): the execution of the security or derivative takes place on a regulated market as within the meaning of Article 4(1)(14) of Directive 2004/39/EC or on a third country market considered as equivalent to a regulated market in accordance with Article 19(6) of Directive 2004/39/EC (Article 2(7) of EMIR)