

# **Interest Rate Strategy**

**EUR Money Market Rates** 

## From EONIA to €STR: next steps

The new €TR rate will be published by the ECB starting from 2 October and, from that moment, the EONIA rate will also be calculated as €TR plus a 8.5 bps spread.

Other numerous and important changes will have to be defined and implemented, as the publication of EONIA will cease on 4 January 2022. Many decisions have already been taken on the creation of a new risk-free euro rate curve, that will act not only as a fallback for the Euribor, but also as a replacement of the EONIA curve in cash and derivatives contracts, as well as in accounting operations, risk management, and the discounting of financial instruments.

In the meantime, EMMI has received authorisation from the FSMA to fill the role of administrator of a so called "critical benchmark" to start calculating the EURIBOR using a hybrid methodology, and the current transition phase will be completed on 2 October.

#### The transition from EONIA to €STR

Starting on 2 October 2019, the ECB will publish the new unsecured overnight rate €TR<sup>1</sup>, at 8:00 am CET of every Target2 workday. The €TR rate will be based on the previous day's transactions, as recorded by the Money Market Statistical Reporting (MMSR).

On the other hand, the EMMI (European Money Markets Institute), which manages EONIA, has announced that starting on 2 October the EONIA rate will be calculated based on a new methodology as €TR plus a fixed spread of 8.5 bps². The table below summarises initial publication pattern of the two €TR and EONIA rates based on the new methodology. As the EONIA rate does not meet BMR requirements, it will be published based on the new methodology until 3 January 2022, after which it will no longer be published. The transition phase on the market from the EONIA to the €TR rate will be complex, and in order to smooth the process the ECB working group on risk-free rates (WG RFR), within which the ECB carries out the functions of the Secretariat, after holding a public consultation, has published its recommendations on the main legal aspects of the transition from EONIA to €TR.

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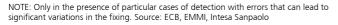
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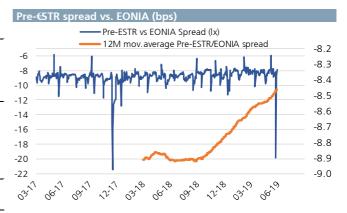
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Timeline: introduction of €STR and recalibration of €ONIA				
Timemie.	30-Sep-19	01-Oct-19	02-Oct-19	
€STR	•		ECB publishes €STR at	
			8:00 am CET	
			ECB corrects €STR by	
			11:00 am CET	
EONIA	EONIA calculated	EONIA	EONIA calculated as	
	using the current	No longer	€STR + spread and	
	method /	<u>published</u>	published at 9:15 am CET	
	published around		or just after	
	7:00 pm CET			
Reference	30-Sep-19	-	01-Oct-19	
date				





Note: the Pre- $\in$ STR moving average is trimmed at 15%. Source: ECB, Bloomberg, Intesa Sanpaolo

See: https://www.ecb.europa.eu/press/pr/date/2019/html/ecb.pr190531~a3788de8f8.en.html

<sup>&</sup>lt;sup>1</sup> Official acronym of the euro short-term rate. The ECB currently publishes the pre-ESTER rate, the same as €STR, available at a lag of around two months.

<sup>&</sup>lt;sup>2</sup>The ECB has calculated the spread between €TR and Eonia using the methodology proposed by the Working Group RFR based on daily data on EONIA and pre-€TR from 17/04/2018 to 16/04/2019.

The recommendations are grouped in:

- General recommendations. Starting on 2 October, where possible it is suggested to avoid opening new contracts anchored to the EONIA, especially with maturities beyond 31 December 2021. Also, the WG RFR encourages, albeit strictly on voluntary terms, the use of standard documentation by market operators, and to this avail encourages the efforts made by market associations to update the standard documentation and other protocols, including fallback rules.
- 2. Recommendations on the EONIA fallback rate. The WG RFR recommends that €STR plus the spread published by the ECB² be adopted as the fallback rate³ for EONIA in all contracts and financial instruments.
- 3. Recommendations on new contracts based on EONIA. The WG RFR recommends that the new contracts anchored to EONIA include strict fallback rules to specify that when the EONIA rate will no longer be published, the primary rate will become €TR plus spread. In order to improve transparency, it is also suggested to make explicit reference in the new contracts opened before 2 October 2019, to the fact that the EONIA calculation methodology will change, and that the EONIA rate used will be the one calculated as €TR plus spread.

For what concerns the **new OTC derivative contracts** which use 2006 ISDA, it is recommended to include €STR plus spread as the EONIA fallback in the ISDA Benchmark Supplement, whereas for contracts that do not include the ISDA Supplement, the suggestion is for ISDA to update the definition of EONIA so as to include a specific "index cessation event" trigger which would result in a fallback to the €TR plus the Spread upon the cessation of EONIA. Similarly, for **contracts executed under European master agreements**, the WG RFR recommends including in the standard documentation robust fallback or trigger event provisions dealing specifically with the permanent cessation of EONIA. **For OTC contracts**, the working group encourages the clearing houses and exchanges to clarify their position on the transition from EONIA to €STR as early as possible.

As regards **new collateral contracts** anchored to EONIA, in addition to the general introduction of strict fallback rules, the working group recommends that market associations such as ISDA, ICMA and ISLA, work to include in their standard documentation (ISDA collateral documentation and Credit Support Annex, GMRA and GMSLA) definite rules for the change in parameter.

For what concerns **new cash contracts which mature beyond December 2021**, or fall into the realm regulated by BMR, the WG recommends that fallback clauses be included based on the model drawn up in Appendix 1 (page 46 and following) of the document published within the framework of the "Public consultation by the working group on euro risk-free rates on the EONIA to €STR legal action plan", available on the ECB website at the address: https://www.ecb.europa.eu/paym/pdf/cons/euro\_risk-

https://www.ecb.europa.eu/paym/pdf/cons/euro\_risk-free\_rates/ecb.consultation\_details\_201905.en.pdf

With respect to new loans, the recommendation is that market operators refer to the documentation being prepared by the Loan Market Association (LMA)<sup>4</sup>.

4. Recommendations on existing contracts referencing EONIA. Although the publication of the EONIA rate, albeit calculated using the new methodology, guarantees continuity to existing contracts maturing before 31 December 2021, the WG's efforts are concentrated on managing existing contracts with maturities beyond the end of 2021, when the EONIA rate will no longer be published. The WG lays out two paths that the parties engaged in an existing

<sup>&</sup>lt;sup>3</sup> The BMR requests, as an emergency measure to prevent market instability instances, that the European bodies subjected to supervision adopt efficient written operational plans to manage situations in which a benchmark ceases to exist, including the indication of a potential fallback rate. See Article 28.2 of the EU BMR. <a href="https://ec.europa.eu/info/law/benchmarks-regulation-eu-2016-1011\_en">https://ec.europa.eu/info/law/benchmarks-regulation-eu-2016-1011\_en</a>

<sup>4</sup> https://www.lma.eu.com/documents-quidelines/documents/category/issues-and-quidance

contract may follow: to amend or close the existing contract before the end of 2021, entering into a new contract referencing the €TR instead of the EONIA. In the case of an amendment of the existing contract, the recommendation is to replace EONIA as the reference rate as early as possible, to include a fallback rule on €TR plus spread once the EONIA will no longer be published, and an explicit declaration acknowledging that starting on 2 October 2019 the EONIA to which the contract is references will be calculated with the new methodology.

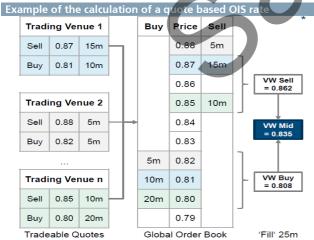
In the case of existing di contracts both OTC, with or without incorporation of the ISDA Benchmark Supplement, and executed under a European master agreement, the same rules laid out for new contracts apply. In order to facilitate the amendment of existing contracts, the WG encourages the European Commission and/or the ESMA to provide market operators with official confirmation that the amendment of existing contracts will not imply new costs (margins/clearing obligation under EMIR<sup>5</sup> or individual notification of new documentation to holders of investment fund shares).

As regards existing collateralisation contracts referencing EONIA, these are largely acknowledged neither to include fallback rules nor to have a set duration. A further issue is how to regulate the introduction of a new flow discounting curve that will replace the EONIA curve currently in use. Therefore, the WG recommends that, in addition to the general introduction of strict fallback rules, market associations such as ISDA, ICMA and ISLA work to incorporate in standard documentation (ISDA collateral documentation and Credit Support Annex, GMRA and GMSLA) rules defined for the change in parameter.

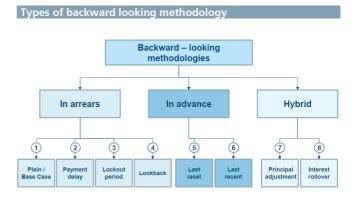
For what concerns existing cash contracts maturing beyond December 2021, the WG recommends that bilateral amendment agreements be closed on the model drawn up in Appendix 2 (page 51 and following) of the document published within the framework of the "Public consultation by the working group on euro risk-free rates on the EONIA to €STR legal action plan" available on the ECB website at the following address:

https://www.ecb.europa.eu/paym/pdf/cons/euro\_risk-free\_rates/ecb.consultation\_details\_201905.en.pdf

The ECB WG, by the beginning of October, will also have to identify a fallback rate for the new STR, in order to make it compliant with BMR rules.



Source: ECB, "Agenda Item 5 Update by subgroup 2 on the identification and recommendation of a term structure on RFRs", September 2018, Intesa Sanpaolo



Source: BCE, Sub group 2 on term rates methodologies 4July 2019, Intesa Sanpaolo

<sup>&</sup>lt;sup>3</sup> See Steven van Rijswijk, Chair of the WG RFR, "Letter to European authorities on EMIR margin requirements", 02/07/19 <a href="https://www.ecb.europa.eu/paym/initiatives/interest rate\_benchmarks/WG\_euro\_risk-free\_rates/shared/pdf/20190704/2019\_07-04\_ltem\_2\_Letter\_to\_European\_authorities\_on\_EMIR\_margin\_requirements.pdf">https://www.ecb.europa.eu/paym/initiatives/interest\_rate\_benchmarks/WG\_euro\_risk-free\_rates/shared/pdf/20190704/2019\_07-04\_ltem\_2\_Letter\_to\_European\_authorities\_on\_EMIR\_margin\_requirements.pdf</a>

## Term-structure of euro risk-free rates (RFR)

Last March, the WG RFR recommended that the term structure of euro risk-free rates currently being defined be the fallback for the Euribor curve. However, the new risk-free rate curve will not only be used as the Euribor fallback but will also be necessary to replace the EONIA curve in all transactions in derivatives and discounting transactions when EONIA ceases to exist. The EONIA and EONIA OIS rates are also used to calculate margins and collateral on derivatives, for risk management valuations, as well as in accounting, both financial and concerning hedging transactions.

After a public consultation, the ECB WG recommended that the methodology used to calculate the risk-free term structure be based on the quote-based OIS market on the €STR<sup>6</sup> rate. In practical terms, the WG has recommended that for the calculation of the new curve a forward-looking methodology be used, based on the registering of mid quoted OIS prices on €STR on a limited and specific time window in the day, yet to be defined (see pattern above). Individual dealers would be called to provide operational (tradable) money and letter prices for each relevant maturity, specifying volumes. The administrator will then be tasked with combining the Central Limit Order Book (CLOB) across different Multilateral Trading Facilities (MTF) so as to capture the maximum liquidity possible and to create a theoretical order book, weighting quotations by volumes: the fixings of the new risk-free term structure would be represented by the mid quotations thus obtained.

At the present stage, an ECB working group is in any case analysing the feasibility of building a backward looking risk-free curve as well (see table above), along the course of action pursued for the construction of rates in other currencies and the one also considered by ISDA7 in the public consultation on determining a fallback curve for derivative instruments referencing Euribor. The two forward-looking and backward-looking RFR curves may coexist, with both representing a fallback for the Euribor.

In order to have a curve that can actually be used as a fallback, a fixing will be necessary and for this reason, while further works are in progress, the WG RFR has made a call for candidatures for the role of administrator of the euro RFR curve; aspiring administrators will present their detailed proposals at the WG meeting of 16 October 2019, after which the documentation will be made public<sup>8</sup>.

Other important aspects of the transition, on which work is being done, are:

- Managing the differential between the Euribor curve and the new OIS €STR curve;
- Analysing legal implications (recent publication of the Legal Action Plan).

Other important aspects for the transition are still the object of work and indications are expected in this regard in a short time, in particular to mention some of the most relevant topics we highlight:

- Managing the new benchmarks in derivative contracts (new discounting structure, clearing methodology for the transition from EONIA to €STR);
- The implications in terms of risk management and accounting (managing the accounting
  of hedging transactions to avoid the unwinding of existing structures, which historical
  data to use for valuations, managing P&L on transition date from EONIA to €TR or from

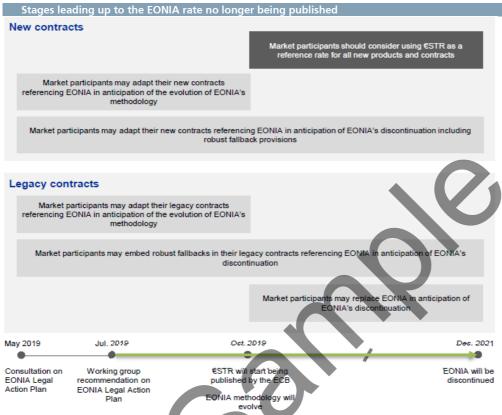
<sup>&</sup>lt;sup>6</sup> https://www.ecb.europa.eu/pub/pdf/annex/ecb.sp190314\_annex\_recommendation.en.pdf

https://www.isda.org/a/w0tME/ISDA-Publishes-Two-Consultations-on-Benchmark-Fallbacks.pdf

<sup>\*</sup>https://www.ecb.europa.eu/paym/initiatives/interest\_rate\_benchmarks/WG\_euro\_risk-free\_rates/shared/pdf/20190704/2019\_07\_04\_WG\_on\_euro\_RFR\_meeting\_Item\_6\_Presentation\_Subgroup\_2\_on\_term\_rates\_methodologies.pdf

EURIBOR to the €TR curve). On this aspect, the ECB WG has requested clarifications on specific issues from the IASB<sup>9</sup>, to support the transition from EONIA to €TR.

• Managing communication, to make the financial community aware of the changes under way and of the impact these changes will have on market activity.



Source: ECB, "Third public consultation by the working group on euro risk–free rates on the EONIA to €STR Legal Action Plan", May 2019, Intesa Sanpaolo

The WG RFR, in accordance with its mission, will in any case limit itself to expressing recommendations, without prejudice to the fact that each person involved must then make the transition operational by acting independently. The importance of the transition is such that at the beginning of July, in carrying out its banking supervisory role within the Single Supervisory Mechanism, the ECB sent precise requests to the CEOs of the European supervised entities to detect the state of preparation for the now imminent transition.

<sup>9</sup> https://www.ecb.europa.eu/paym/initiatives/interest\_rate\_benchmarks/WG\_euro\_risk-free\_rates/shared/pdf/20190704/2019\_07\_04\_WG\_on\_euro\_RFR\_meeting\_Item\_5\_Letter\_to\_the\_International\_Accounting\_Standards\_Board.pdf

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# **Appendix**

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