



NOTICE 01/20

Date: 8 January 2020

Subject: **Improvement and renewal of BME Exchanges SMART platform**

As announced in our previous notice dated June 20, 2019, BME is executing a project for the renewal and improvement of the SMART Trading platform used in the different Market segments managed by BME.

Beyond the renewal of the middleware responsible of system input/output message management, that will result in the improvement of the stability of gateway-to-gateway response times, the project also delivers a new binary protocol interface, both for market data and order entry, that will coexist with the current interfaces based on FIX protocol. The new binary protocol, without "tags", has the target to minimize message length and processing time required for read/write operations.

In the second half of 2019, progress has been made in the development tasks of this new version of the SMART System and in the design of the most appropriate approach to implement it and put it into production throughout 2020.

In this regard, we are pleased to announce the calendar of the different phases planned for the deployment of the new System and the implementation of the binary messaging protocols in the MEFF Markets:

- 1) January 8, 2020: announcement of the final project calendar and publication of a new updated version of the "BMEGate Binary Protocol" document, which is attached and that incorporates some changes and improvements with respect to the initial version published in June 2019 (for any queries or details on these specifications, please contact BME Technology Services in the email techservices@grupobme.es)
- 2) February 24, 2020: Availability in the **MEFF Test Environment** of the new SMART system and the new binary messaging related to the reception of "Multicast" public market data, with complementary "replay" and "recovery" services.
- 3) June 1, 2020: Launch in the **MEFF Production environment** of the new software architecture and servers of the SMART System. After that, since June 15, it will also be available the binary messaging protocol in relation to public information market data messages. Just a reminder that this step will only affects those entities that wish to operate with the new protocol, since the current interfaces based on FIX protocol are also maintained.
- 4) July 6, 2020: Launch in the **MEFF Test environment** of the new order entry and management binary interface.
- 5) October 12, 2020: Launch in the **MEFF Production environment** of the new order entry and management binary interface. Just a reminder that this step will



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For any question regarding this project, please contact BME Tech Service Department at techservices@grupobme.es