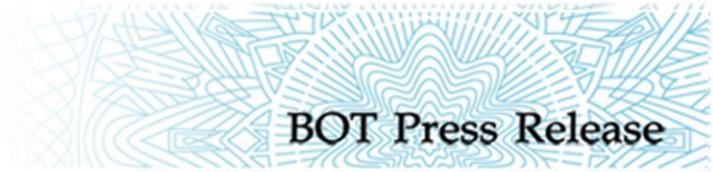




BANK OF THAILAND



Communications and Relations Office, Corporate Communications Department
Tel. +66 2283 5016-7 Fax. +66 2283 6969 www.bot.or.th

No. 69/2018

Re. : The success of DLT Scripless Bond Project: Transforming Thailand's securities markets infrastructure with Blockchain

As blockchain technology becomes a new driver to enable major transformation in the financial sector, the Bank of Thailand (BOT) in collaboration with Public Debt Management Office, Thailand Securities Depository (TSD), Thai Bond Market Association, and Selling Agents that include Bangkok Bank, Krungthai Bank, Kasikorn Bank, and Siam Commercial Bank, have initiated a pilot of the DLT Scripless Bond Project that utilizes Blockchain technology. The project adopted the concepts of *Design Thinking* and *Agile Development* in business process reengineering, establishment of standards, and reduction of operational procedures, time, and costs of all stakeholders in the sales of government savings bond. The initiative is considered as one of the world's first uses of Distributed Ledger Technology (DLT) or Blockchain in bond sales.

The Proof of Concept (POC) has demonstrated that the DLT Scripless Bond could successfully meet core business demand, whilst generating business values for all relevant parties. These key benefits are 1) Individual investors are able to receive bond within 2 days, from its current period of 15 days. They can also purchase bond with their full rights from any Selling Agent without the current purchasing limit per bank. 2) Selling Agents, TSD, and BOT can reduce the complexity of their operational processes. 3) Bond Issuers can monitor and manage bond sales in real time, increasing competition among Selling Agents. Overall, the project will lead to greater efficiency, transparency, security, and reduction in operating costs across the entire value chain. (Download POC Result via URL : <https://www.bot.or.th/English/DebtSecurities/Pages/default.aspx>)

The POC of this project is only the first step toward the real-world implementation that would initially cover government savings bond, which is expected to begin by the end of 2019. Looking forward, the project will pave the way for the journey in developing Thailand's bond market infrastructure in the future.

Bank of Thailand
3 October 2018

For further information, please contact: Payment and Bond Department
Tel: +66 2283 6297, +66 2283 5078
E-mail: DLT-Scripless-Bond@bot.or.th