Transition from IBOR to Alternative Reference Rates - Implications and Roadmap

Perminde Bains & Viven Aparaj

Virtually every bank that participated in the recent ISDA IBOR Global Benchmark Transition survey, expressed concern about their organization’s level of exposure to IBORs. It’s easy to see why. Contracts referencing IBORs have hundreds of trillions of dollars in notional of derivatives in addition to trillions of dollars in other contracts. These contracts cover a wide range of financial products, including OTC and exchange-traded derivatives, loans and deposits, bonds, repos, collateralized commercial papers and securitized products. The transition from IBOR to ARRs will impact almost all participants in financial services including investment banks, asset managers, commercial banks, exchanges, custodians, central clearing counterparties (CCPs), and reference data vendors to name a few.

Use of IBORs has been on the decline for a number of reasons. Firstly, the level of interbank borrowing itself has reduced drastically. Based on the FRED website, interbank borrowings declined from a peak of almost half a trillion dollars in 2008 to around seventy million by the end of 2017. Secondly, banks prefer to use market observable rates such as those from overnight interest rate swaps. This eliminates any subjectivity inherent in a survey based rate. Thirdly, alternative reference rates (ARRs) are readily available, such as SOFR, SONIA, TONAR and SARON in the US, UK, Japan, and Switzerland respectively. Lastly, the Financial Conduct Authority (FCA) announced that it will no longer require panel names to provide survey inputs for IBOR calculation after 2021. For these reasons, the sustainability of IBORs is highly suspect.

Implications

Non-availability of IBORs and transition to ARRs will have serious implications for financial institutions. These implications span valuation and risk management, contract terms, and asset class and currency specific processes. Implications will be further compounded due to the timing of this transition.

Valuation models and risk management approach may need to be reviewed and updated given the fact that the calculation of ARRs is very different from how IBORs are arrived at. Additionally, while IBORs are unsecured, most ARRs are collateralized. These differences change the risk profile. While ARRs are typically lower than corresponding IBORs, they could have different levels of volatility and impact the economics of the trade referencing IBOR and moving to ARR.

Many contracts have fall-back provisions pre-empting the possibility of short-term unavailability of IBORs to rollover the brief period of unavailability of IBORs with limited losses or gains. However, unavailability of IBOR for the remaining life of the contract is unlikely to be addressed in a fall-back clause and can leave firms with a significant exposure.

The complexity of transition from IBOR to ARR will depend upon the asset class and currency in question. Derivatives contracts in the US may be ahead of the curve given groundwork being done by ISDA on standardizing contracts and FID for providing a robust and transparent ARR. Something like a highly customized syndicated loan contract executed in Euro may take a little longer to transition.

The recommended approach to migration
Two-thirds of the participants in the ISDA survey, mentioned in the opening of this article did not know their roll off profile. That is, they did not know the amount tied to contracts that refer to IBOR and will not expire by 2021. This is a fundamental information that financial institutions need before they can create a remediation plan. The nature and size of the impact are also likely to vary significantly by contract. So, as a first step, financial institutions should do an assessment of their contracts to quantify potential exposure by currency, geography, business line, and customer groups.

Once institutions know the impact, they will know which ones will live beyond 2021 and carry significant exposure. Such contracts may need to be renegotiated. This will be an exercise of mammoth proportion given a typical timeline of three to six months to negotiate a contract and thousands of contracts that will need to be rewritten. There are several options available to financial institutions to side over this surge in the renegotiation effort. If an institution believes their business-as-usual process is fine and they need help just to get over the surge, they could simply outsource it. If financial institutions see this as an opportunity to update their existing process, they could consider improvements like implementing a web-based collaboration platform to speed up renegotiation, use Artificial Intelligence tools to improve the digitization and build interfaces to update downstream systems in real time.

Apart from the business changes, there will be technology and process changes across front, middle and back office. This will include new and updated pricing and valuation models, review and update of controls, new reference data feeds, changes in data provisioning systems, changes in accounting and reconciliation names to a few. Setting up a consulting program to review the existing infrastructure to create a prioritized book of work will be a good starting point.

**Summary**

In summary, IBOR is looking increasingly shaky and its long-term availability is suspect. The transition from IBOR to ARR will go to be complex, protracted and very resource intensive. This complexity is due to changes necessary in valuation and risk management, the robustness of contract terms, asset class and currency in question. The difference in timing of transition in different geographies will further complicate the problem. Advice from regulators and industry bodies is to start early. Financial institutions should be setting up programs starting with defining and quantifying the problem, updating valuation and risk management models, prioritizing contracts that will be impacted, revalidating controls and analyzing changes necessary in the IT infrastructure.

Pramodh Bansill is Head—Securities and Capital Markets Consulting unit, BFSI strategic business unit, Wipro Limited.