The Role of Technology in Shifting the Institutional Structure of Markets

Panel Session

Presentation at OJK-ADB International Seminar *"Navigating Financial Stability in an Evolving Global Economic System", Bali* on 14 July 2017 Aznan Abdul Aziz

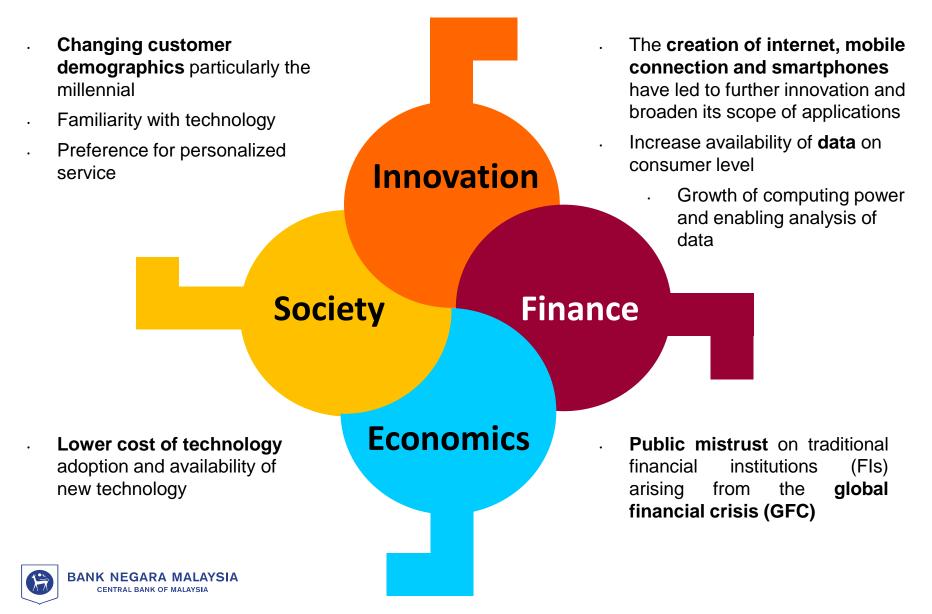


While the idea of fintech is not new, its scope of application is now more pervasive

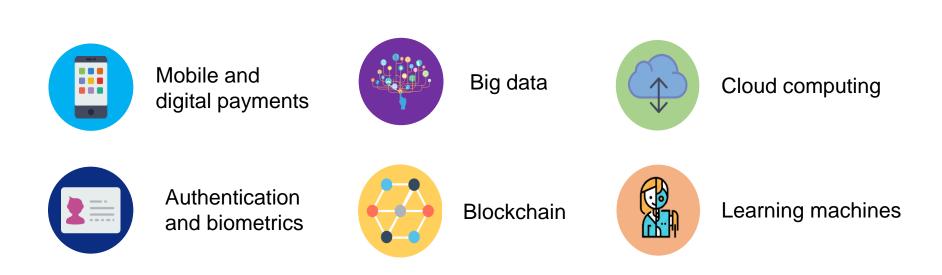




Recent surge in fintech – The Drivers



New technologies to leverage on for improved financial services delivery capability





Potential benefits that may be harnessed by leveraging on new technology



Provide value added and customer focus services through the delivery of customised solutions (e.g. biometric technologies, big data and predictive analytics)



Serve "untapped markets" which would not otherwise be cost-effective.



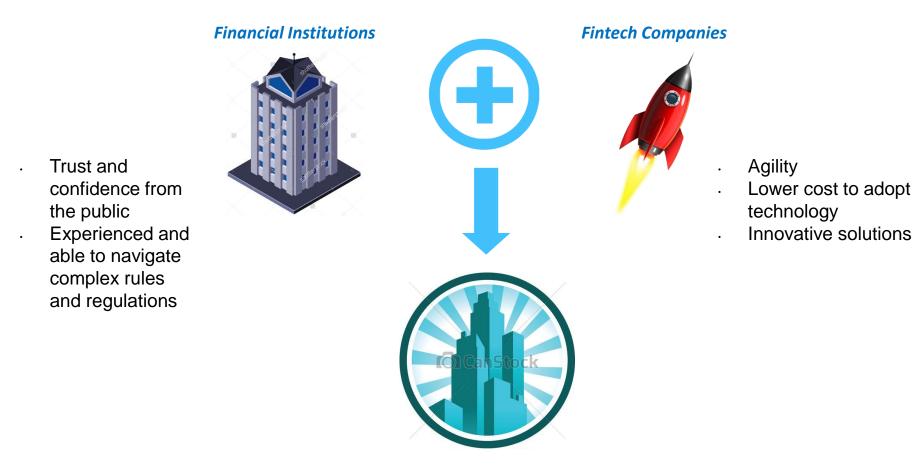
Improve market and system efficiency through the use of predictive analytics to undertake real time risk simulation and management



Enhance compliance and regulatory productivity to meet compliance and reporting obligations



Exaggerated forecast of financial institutions' demise

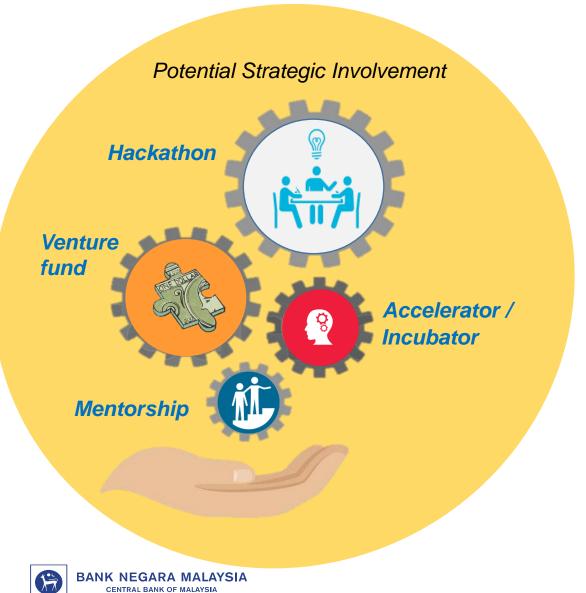


A vibrant financial system



BANK NEGARA MALAYSIA CENTRAL BANK OF MALAYSIA

Embracing the fintech revolution



Mindset shift

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Responsive and agile

Talent investment / development

Innovation catalyst

Regulatory Sandbox allows innovation of fintech to be deployed and tested in a live environment, within specified parameters and timeframes

Sandbox complements the Bank's proportionate regulatory regime

Motivation



Remove regulatory barriers or uncertainty and allow us to review our regulations



Lower cost of testing new ideas and faster time to market

Fine-tuning of products/solutions prior to launch



Evaluate impact and monitor unintended consequences

Reduce risk, contain the consequences of failure and protect financial stability

Features



Build (almost) anything you want

In a safe environment, with clear boundaries and safeguards

We may relax some (but not all) of our rules

Consequences of failure can be contained



Key features of Financial Technology Regulatory Sandbox Framework



- Regulatory sandboxes cannot be used to circumvent existing regulations, and are therefore not suitable for activities/solutions that are already allowed under existing regulations.
- Regulatory Sandbox does not serve as an endorsement tool for fintech solution.
- In addition to regulatory sandboxes, the Bank will also provide 'informal steer' to guide individual FIs/Fintech companies.



Applications to Sandbox are from diverse range of fintech services

Four has been approved to commence testing



GoBear metasearch online insurance product aggregator



GetCover online insurance product aggregator



WorldRemit end-to-end e-remittance solution incorporating digital verification process



MoneyMatch peer-to-peer currency exchange and remittance platform

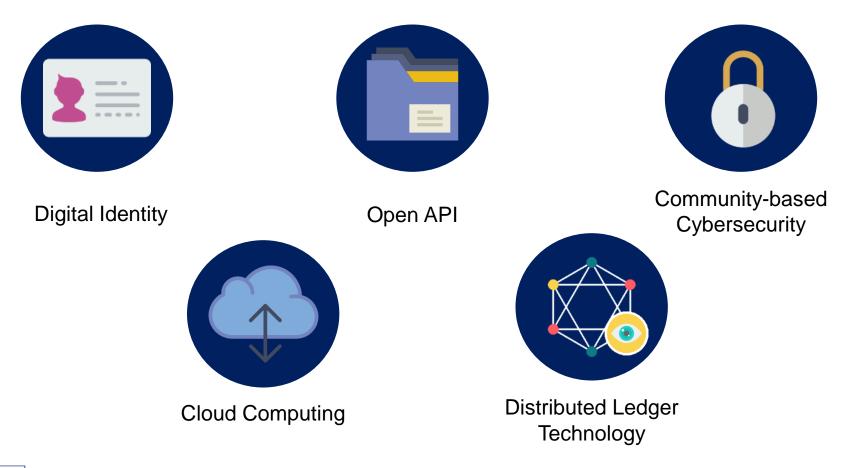
4 more on the way.....





Beyond Sandbox, key areas to look forward to

The Bank has identified 5 key enablers to develop vibrant fintech ecosystem:



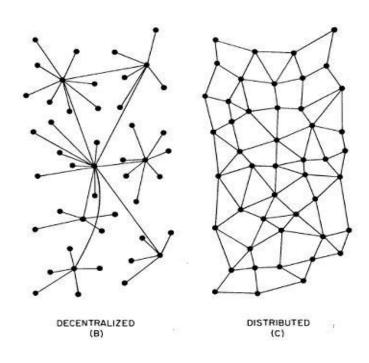


Implications on Structure of Markets and Regulators



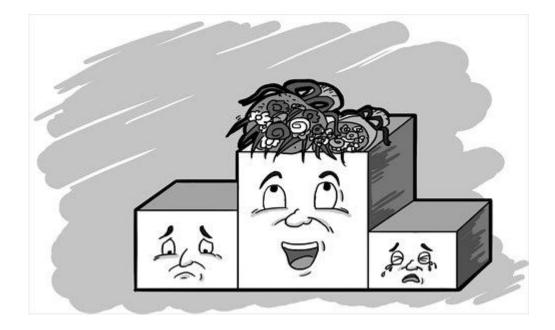
1. Disintermediation and effectiveness of policy transmission

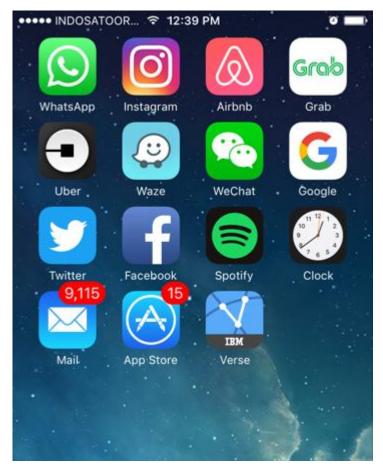






2. Winner takes all and concentration of markets







3. More Information = More Exclusion?



Concordat and Moratorium on Genetics and Insurance

Data model should take account of biases

By OUT-LAW.COM 8 Jan 2016 at 07.03

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4. Do we evolve from supervising people and behaviour to regulating codes and algorithms?







5. High time for Privacy 2.0?







Thank you

