# New World in Banking and Finances

Fintech as an Engine for Changing the Financial Landscape: Some Insights From Israel

7<sup>th</sup> regional meeting of Governors

Prof. Karnit Flug The Hebrew University

## Outline

- The Potential of FinTech to change the financial landscape
- Conditions for the emergence of a Fintech Echo-system
- Risks– old risks, new risks, enhanced risks
- Regulatory response

#### What is Fintech and why is it important? Fintech refers to technologies which provide a new/alternative financial offerings or technologies which enable financial players to optimize & improve their existing services Accessibility, **Experience:** Democratization and Simplicity, Speed and **Taking Control** Inclusion Fun Transparency and **Cost Reduction** Efficiency Trust arv and Confidential Information of Start-Up Na

## Thus, Fintech has the potential to:

For the bank's clients to...

- Reduce prices
- Improve customer experience
- Enhance Transparency

For the banks and the industry to...

- Improve efficiency
- Help manage risks (Fraud, compliance)
- Enhance competition

Thus, Technology adoption is a must to manage strategic risk:

Need to update banks' business model as New, faster and lower cost competitors are set up



## Areas of Fintech Innovation:

- Lending (underwriting ,P2P, using big data for assessment)
- Payments
- Reg-tech (Fraud prevention & compliance Digital KYC)
- Asset management (Robo advising)
- Insurance
- Data services (e.g. cloud storage and analytics)
- Customer Engagement









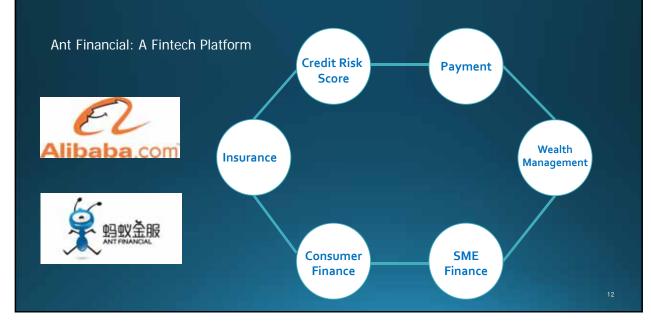
#### Payments' world moved to the smartphone, people go out without a wallet

Wechat pay





New Competitors to Banks: Tech companies (BigTech) are becoming Fintech Platforms that substitute banks



#### Credit is Growing: micro-firms who couldn't get credit are now getting credit from FinTech Platforms



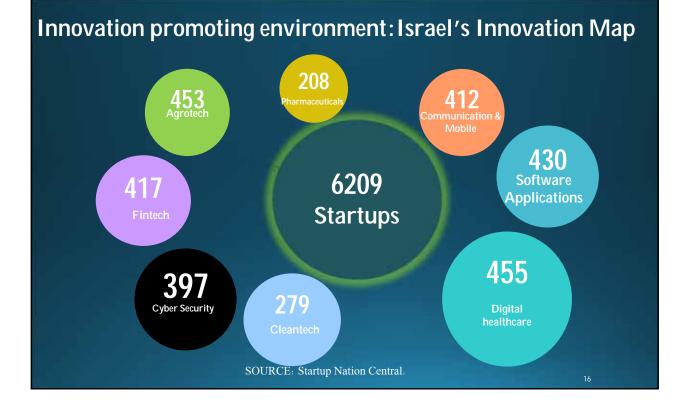
Digital banks are much leaner than traditional banks; Innovative technologies can transform incumbents

Efficiency ratio of Webank is 40% (compared with 60-70% in traditional banks)

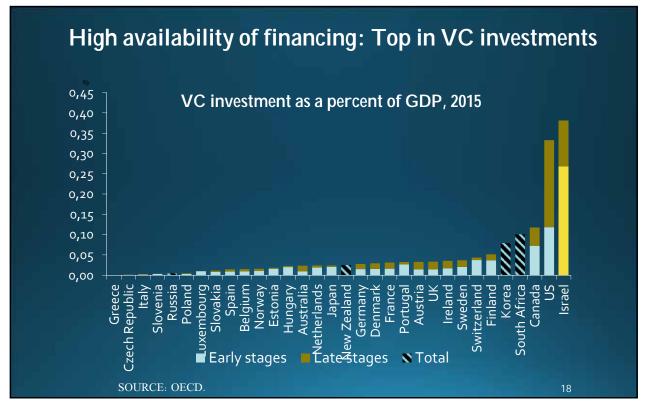
The digital bank DBS of Singapore answers 85% of calls using Chat-bott

Innovation changes internal processes in the organization: customer service, digital KYC ,risk monitoring, operations etc.













But, there are Risks too
<ul> <li>Competitive impact of Big-Techs and unbundling of services may undermine traditional banks' business model, erode profitability and induce pressure to reduce lending standards &amp; increase risk taking</li> </ul>
<ul> <li>Regulation on Big-tech provision of financial services may lag behind</li> </ul>
<ul> <li>Growing reliance on third-party data services and high concentration among providers could disrupt activities of multiple financial institutions due to operational failure, cyber incident or insolvency, thus posing a systemic risk</li> </ul>
<ul> <li>Reliance on new technologies introduces new operational risks &amp; enhanced cyber-risks</li> </ul>

Initial Conclusions: The financial system is undergoing major transformation (to different degrees) led by financial innovation

- In some countries: the future is here
- Tech innovation creates Financial Inclusion
- Clients get a more accessible and convenient service
- Innovation creates new competitors
- The business model of new players is more efficient
- Existing banks need to accelerate adjustment to the new world
- Need to monitor and address risks

### **Regulatory Response: the case of Israel**

BOI's Banking Supervision is fostering innovation and the adoption of new technologies while addressing risks: acquiring the expertise and developing processes and tools for managing technological risks and cyber defense.

Added a new section: "technology and innovation" that acts to:

- Reduce Regulatory Barriers that inhibit innovation
- Ensure Risk Management that is adjusted to the new environment (e.g. heightened Cyber Risk)
- Leading Technological Infrastructure Projects (e.g. "open banking", transfer from one bank to another "at a click", digital guarantees etc.)
- Promote Digital Education: advising and leading digital financial training to banks' employees and the general public



### **Technology Changes Traditional Banking:**

Move to Digital, Robo advisor, Closing Branches, Reducing Number of Employees

Need to Ensure Adequate Service to "Non-Digital' Population

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### In Sum:

- We are on the fast track to a new world in Banking and in the financial world more broadly
- Regulation should embrace the change while making sure risks (old and new) are properly identified, monitored and addressed.



