

JEL Classification G21, G23, G32

MARKETING OF DIGITAL INNOVATION ON THE BANKING SERVICES MARKET

MISHCHENKO Volodumur,

Doctor of Economics, Professor,

Professor of the Economics and Management Department

Institute of Banking Technology and Business of SHEI «Banking University»

MISHCHENKO Svitlana,

Doctor of Economics, Associate Professor,

Professor of the Finance, Insurance and Banking Department

Institute of Banking Technology and Business of SHEI «Banking University»

Abstract. The article scrutinizes the processes of digital innovations marketing on the banking market, it is justified that in modern conditions banks should focus on the use of digital technologies based on online and mobile services, and the optimal direction of their development is the combination of traditional banking technologies with innovations of fintech companies that will create a new structure of the banking services industry.

Keywords: marketing, banking, digital innovation, payments, lending, digital banking, digital infrastructure.

In the context of the development digital innovations in the banking services market, the main directions of the use of innovative technologies are the implementation of payments, calculations and money transfer; lending; development of mechanisms for the functioning of digital banks and non-bank financial institutions; improvement the personal finance management methods, as well as the formation of a new infrastructure.

The most popular digital banking service is the implementation of payments from mobile devices. It is determined that the market share of mobile payments is still only 4–5% of the total world retail trade. Lending is undergoing significant changes in the digital economy, in particular, P2P lending appears, the essence of which is that financial institutions provide a certain information platform for communication between disparate lenders and investors, so that individuals can directly contribute loan to other individuals or businesses.

It is determined that in the P2P-lending model, the bank does not function as a financial intermediary, but performs purely technical functions. Among the main risks of P2P lending is the lack of clear responsibilities of the participants in the transaction, the guarantee of deposits, as well as the ability to

provide banks with indirect lending to related parties without reflecting such transactions in the financial statements.

A promising trend in the use of digital technologies that change the traditional structure of the banking system is the emergence of non-banks. The specifics of their activities is that they operate in an online mode based on the use of digital access technologies and account management in the mobile application.

In order to provide guarantees of compensation for losses of clients arising from fraudulent actions of third parties, it is proposed in the legislative documents to provide for the implementation of the principle of «zero liability», according to which such losses should be offset automatically by banks.

It is concluded that under current conditions banks should be guided by the use of digital financial technologies based on online and mobile services. The optimal direction of further development and ensuring the stable functioning of the banking system is the combination of traditional technologies with the advantages and innovations of fintech companies, which will create a new structure of the financial services industry.

References

1. Lutyi, I. O., & Mishchenko, S. V. (2007). Vplyv finansovogo sektory na funkcionuvannja ekonomichoi systemy [The impact of financial sector on the functioning of economic systems]. *Finansy Ukrayiny – Finance of Ukraine*, 3, 14–28 [in Ukrainian].

2. Mishchenko, S. (2007). Vdoskonalennja instytuciinoi struktury nagljadu za finansovym sectorom [Improvement of the institutional structure of supervision of the financial sector]. *Bankivska sprava – Banking*, 1, 41-56 [in Ukrainian].
3. Naumenkova, S. V. (2015). Finansova inkljuzyvnist: ekonomichny zmist ta pidhody do vymirjuvannja [Financial inclusion: the economic content and approaches to measurement]. *Aktualni problemy ekonomiky – Actual problems of economy*, 4, 363–371 [in Ukrainian].
4. Lutyi, I. O., & Mishchenko, V. I. (2006). Problemy rozvitu suchasnogo mizhnarodnogo finansovogo rynku ta integraciyni kurs Ukrayny [The problems of the modern international financial market and integration course of Ukraine]. *Finansy Ukrayny – Finance of Ukraine*, 5, 21–31 [in Ukrainian].
5. Mishchenko, S. V. (2010). Problemy ocinky vplyvu stabilnosti funkcionuvannja groshovo-kredytnoi polityky na ekonomichny bezpeku krajiny [Problems of assessment of influence of stability of functioning of the monetary sphere on the economic security of the country]. *Finansy Ukrayny – Finance of Ukraine*, 7, 35–49 [in Ukrainian].
6. Rjahovskaja, A. N., & Kryukova, O. G. (Eds.). (2012). *Sovremennye podhody k upravleniju ustoychivocju biznesu* [Modern approaches to the management of the sustainability of the business]. Moscow: Financial University [in Russian].
7. Mishchenko, V. I. (2010). Osoblyvosti postkryzovogo reformuvannja fsnansovogo sektory Ukrayny [Peculiarities of post-crisis reform of the financial sector of Ukraine]. *Finansy Ukrayny – Finance of Ukraine*, 10, 3–14 [in Ukrainian].
8. Sokolov, B. I., & Mishchenko, S. V. Rol platezhnyh system v obespechenii ustoychivogo razvitiya nacionalnoi ekonomiki [The Role of payment systems in the sustainable development of national economy]. *Problemy sovremennoj ekonomiki – Problems of modern Economics*, 2 (54), 163–168 [in Russian].
9. Mishchenko, V. I., & Naumenkova, S. V. (1998). Organizacija fuchersnogo valjutnogo rynku [Organization of the futures currency market]. *Finansy Ukrayny – Finance of Ukraine*, 10, 60–69 [in Ukrainian].
10. Naumenkova, S., Malyutin, O. & Mishchenko, S. (2015). Transition to Inflation Targeting in Ukraine: New Tools for Monetary Policy. *Bulletin of Taras Shevchenko National University of Kyiv. Economics*, 166, 31–39 [in English].
11. Mishchenko, S. V. (2013). Stymulirovanie kreditovanija kak faktor ekonomicheskogo rosta [Stimulation of lending as a factor of economic growth]. *Vestnik Finansovogo Universiteta – Bulletin of Financial University*, 1, 35–45 [in Russian].
12. Naumenkova, S. V. (2014). Obstezhennja zbalansovanosti popytu ta propozycii na kredytnomu rynku: dosvid centralnyh bankiv [Study of the balance of supply and demand in the credit market: the experience of Central banks]. *Visnyk Kyivskogo nacionalnogo universytetu imeni Tarasa Shevchenka. Ekonomika – Bulletin of Taras Shevchenko National University of Kyiv. Economics*, 10, 51–57 [in Ukrainian].
13. Timko, E. *Finansovyi muraveynik: chto predstavljaet soboi finteh-industrija* [Financial anthill: what is a fintech-industry]. (n.d.) Retrieved from <http://www.forbes.ru>.
14. Naumenkova, S. V. (2010). Funkcionuvannja nederzhavnih pensiinych fondiv na rynku finansovyh poslug Ukrayny [Functioning of private pension funds on the financial services market of Ukraine]. *Finansy Ukrayny – Finance of Ukraine*, 4, 3–16 [in Ukrainian].
15. Mishchenko, V., & Somik, A. (2007). Dolaryzacija: prychyny ta naslidky dlja ekonomiky Ukrayny [Dollarization: causes and consequences for Ukraine's economy]. *Visnyk NBU – Bulletin of the NBU*, 5, 28–31 [in Ukrainian].
16. Naumenkova, S. V. (2013). Pidvyshchennja dostupnosti finansovyh poslug: aktualni pytannja regulatornoi praktiki [Improving access to financial services: current issues regulatory practice]. *Finansy Ukrayny – Finance of Ukraine*, 10, 20–33 [in Ukrainian].
17. Shumilo, I., Mishchenko, V., & Lysenko, R. (2006). Teoretychni i praktychni aspekty analizu stanu finansovoi systemy ekonomiky [Theoretical and practical aspects of the analysis of the state of the financial system of economy]. *Visnyk NBU – Bulletin NBU*, 3, 6–11 [in Ukrainian].
18. Mishchenko, S. V. (2014). Vdoskonalennja systemy bezgotovkovyh rozdribnyh platezhiv [The Improvement of the system of cashless retail payments]. *Visnyk Kyivskogo nacionalnogo universytetu imeni Tarasa Shevchenka. Ekonomika – Bulletin of National University of Kyiv. Economics*, 5 (158), 22–28 [in Ukrainian].
19. Naumenkova, S. V. (2006). Obgruntuvannja metodichnyh pidhodiv do ocinky stiykosti finansovoi systemy [The substantiation of methodical approaches to the assessment of the stability of the financial system]. *Informatsiino-analitychni materialy – Information-analytical materials*, Issue 6. Kyiv [in Ukrainian].
20. Mishchenko, S. V. (2009). *Formuvannja efektyvnoi struktury finansovogo sektoru Ukrayny* [The formation of an efficient structure of the financial sector of Ukraine]. Kyiv [in Ukrainian].
21. Senishch, P. M., Kravets, V. M., & Mishchenko, V. I. (2008). Svitovyj dosvid ta perspektivy rozvitu elektronnyh groshei v Ukrayni [World experience and prospects of development of electronic money in Ukraine]. *Naukovo-analitychni materialy – Scientific and analytical materials*, Vol. 10. Kyiv: National Bank of Ukraine. Retrieved from <http://www.bank.gov.ua/doccatalog> [in Ukrainian].
22. Kuznetsov, V. A., Shamrayev, A. V., Pukhov, A. V. (2008). *Predoplachennye instrumenty roznichnyh platezhei – ot dorozhnogo cheka do elektronnyh deneg* [Prepaid Retail Payment Instruments – from the Traveler's Check to Electronic Money]. Moscow: Market DS [in Russian].

23. Naumenkova, S. (2014). Finansova inkluzyvnist ta problemy zabezpechennja dostupu naselennja do bazovyh finansovyh poslug v Ukraini [Financial inclusion and ensuring people's access to basic financial services in Ukraine]. *Visnyk NBU – Bulletin NBU*, 11, 31–37 [in Ukrainian].
24. Naumenkova, S. V., & Mishchenko, V. I. (2014). Ponjattja systemnogo ryzyku ta pidhody do vyznachennja systemno znachushchyh bankiv [The Concept of systemic risk and approaches to defining systemically important banks]. *Socialno-ekonomiczni problemy suchasnogo periodu Ukrayny – Socio-economic problems of modern period of Ukraine*, 1(105), 186–196 [in Ukrainian].
25. Nacionalnyi bank inicjuje vreguljuvannja P2P kredytuvannja [The National Bank initiates settlement of the question P2P lending]. (n.d.) www.bank.gov.ua Retrieved from http://www.bank.gov.ua/control/uk/publish/article?art_id=30375585 [in Ukrainian].
26. Naumenkova, S. V., & Mishchenko, V. I. (2015). Makroprudenciini instrumenty v mekhanismi zabezpechennja finansovoi stabilnosti [Macroprudential tools to ensure financial stability]. *Finansy Ukrayny – Finance of Ukraine*, 10, 53–76 [in Ukrainian].
27. Mishchenko, V. I., Nidzelska, I. A., Kulinets, A. P., Shulha, S. O. (2010). Gnychkyi rezhym kursoutvorennja: etapy zaprovadzhennja ta mozhlyvi naslidky dlja ekonomichnogo rozvytku Ukrayny [Flexible rate regime: the stages of implementation and the possible consequences for economic development of Ukraine: scientific-analytical materials]. *Naukovo-analitychni materialy – Scientific and analytical materials*, Issue 15. Kyiv [in Ukrainian].
28. Naumenkova, S. V., & Mishchenko, V. I. (2013). Suchasni problemy kapitalizacii bankivskoi systemy Ukrayny [Modern problems of capitalization of the banking system of Ukraine]. *Fsnansovo-kredytyna dijalnist – Financial and credit activity*, 2, 3–11 [in Ukrainian].
29. Mishchenko, V. I. (2013). Kapitalizacija bankivskoi systemy Ukrayny: sogodennja ta perspektyvy [The Capitalization of the banking system of Ukraine: present and prospects]. *Visnyk NBU – Bulletin of the NBU*, 7, 11–17 [in Ukrainian].
30. Naumenkova, S. V., & Bui, T. G. (2010). Vykorystannja strukturovanyh cinnih paperiv dlja finansuvannja korporacii v Ukraini [The Use of structured securities for the financing of corporations in Ukraine]. *Finansy Ukrayny – Finance of Ukraine*, 2, 89–101 [in Ukrainian].
31. Krotyuk, V. L., & Mishchenko, V. I. (2005). Evolucia pidkhodiv do ocinky kapitalu v Baselskikh ugodakh [The Evolution of approaches to the assessment of capital in Basel]. *Bankivska sprava – Banking*, 4, 3–9 [in Ukrainian].
32. Mishchenko, V. I., & Naumenkova, S. V. (2002). Problemy vdoskonalennja upravlinnja derzhavnymy korporatyvnymy pravamy [Problems of improving the management of state corporate rights]. *Ekonomika Ukrayny – Economy of Ukraine*. – № 5, 29–36 [in Ukrainian].
33. Mishchenko, S. (2008). Sutnist ekonomichnogo kapitalu ta joho rol u zabezpechenni finansovoi stiykosti banku [The essence of economic capital and its role in ensuring financial stability of the bank]. *Visnyk NBU – Bulletin NBU*, 1, 58–64 [in Ukrainian].