METHODS OF VALUE-BASED MANAGEMENT AT THE COMMERCIAL BANK

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Abstract

This paper reviews the theory of value-based management, classification of value-based management models and the main value-based management methods at the commercial bank. It is shown that value-based management models can be classified depending on: 1) used information; 2) measures of performance; 3) valuation horizon. First, we present key value drivers-based approach. In order to effectively manage shareholders' value management should be based on key value drivers which are the main components of shareholder value and key performance indicators. In addition, we review an alternative approach based on intelligent management systems oriented to risk management. The paper reviews the main international acts, regulating risk-management (FERMA Risk management standard, COSO Enterprise risk management-integrated framework, Basel II and Basel III). Fundamentally, value-based management methods are based on integration of traditional DuPont models and discounted cash flow-oriented approaches (DCF). We then analyze approaches to analysis of changes in welfare of company owners (Total Shareholder Return, TSR; Total Business Return, TBR). If TSR or TBR exceeds cost of equity, than during the reporting period there was an increase in bank value. In addition, we consider models of economic value added (EVA) and cash flow return on investment (CFROI). Proposed methods can be developed in interests of bank management tasks in the midterm.

Key words: commercial bank, value, key value drivers, key performance indicators, value-based management.

JEL: G21, G32

References

- 1. Akopov, A.S. (2012), Sistemno-dinamicheskoe modelirovanie strategii bankovskoj gruppy [System dynamics modeling of banking group strategy], Biznes-informatika [Business-informatics], NIU VSHE [NRU HSE], №2(20), 10–19.
- 2. Antipev, M.V. (2007), Upravlenie stoimost'ju i sbalansirovannaja sistema pokazatelej kak integrirovannaja koncepcija[Value-based management and balanced scorecard system as integrated conception], Trudy Dal'nevostochnogo gosudarstvennogo tehnicheskogo universiteta [Paper of Far Eastern National Technical University], 147, 124–126.
- 3. Vadimirova, T.A., Hlebnikov, A.A. (2009), Upravlenie stoimost'ju kreditnoj organizacii v uslovijah globalizacii bankovskogo biznesa [Commercial bank value management in the light of banking business globalisation], Bankovskoe delo [Banking industry], №4, 116–121.
- Zaporozhskij, A.I. (2007), Upravlenie stoimost'ju kompanii i strategicheskij analiz na osnove modeli Modified Cash Value Added (MCVA) [Value-Based Management and Strategic Analysis Based on Modified Cash Value Added (MCVA) Model], Korporativnye finansy [Corporate finance], 1 (1), 78–110.
- 5. Ivashkovskaja, I.V. (2007), Finansovye izmerenija korporativnyh strategij [Financial measurings of corporate strategies], Audit i finansovyj analiz [Audit anf financial analysis], №5
- 6. Karminsky, A.M, Mjakonkih, A.V., Peresecky, A.A. (2007), Modeli bankovskih rejtingov agentstva Moody's. Bankovskie rejtingi finansovoj ustojchivosti [Models for Moody's

bank ratings. Bank financial strength ratings], Preprint # WP 2007/X R. – M. [Moscow], Rossijskaja jekonomicheskaja shkola [New Economic School].

- Karminsky, A.M., Falko, S.G. (ed.) (2013), Kontrolling v banke [Controlling at the bank], Moscow: FORUM – INFRA-M.
- Maksimova, V.L. (2010), ERM (enterprise risk management) v sisteme upravlenija nadezhnost'ju i stoimost'ju banka [ERM (enterprise risk managemenet) in management system for reliability and value of banks], Finansovye issledovanija [Financial studies], №2, 12–18.
- 9. Risk management standards [Electronic resource] // The Federation of European Risk Management Associations [Official website] URL: http://www.ferma.eu/app/uploads/2011/11/a-risk-management-standard-russian-version.pdf.
- 10. Enterprise risk management. Integrated framework [Electronic resource] // The Committee of Sponsoring Organizations of the Treadway Commission (COSO) [Official website] URL: http://www.coso.org/documents/COSO_ERM_ExecutiveSummary_Russian.pdf.
- 11. Ameels, A., Bruggeman, W., Scheipers, G. (2002), Value-based management: an integrated approach to value creation. A literature review, Vlerick Leuven Gent Management School.
- 12. Arnold, G. (1998), Corporate Financial Management, Pitman Publishing, London, 1050.
- 13. Fiordelisi, F., Molyneux, P. (2010), The determinants of shareholder value in European banking, J. Bank. Finance, 34.
- 14. International Convergence of Capital Measurement and Capital Standards: A Revised Framework. Comprehensive Version [Electronic resource] // Bank for International Settlements [Official website] URL: http://www.bis.org/publ/bcbs128.pdf.
- 15. Kaplan, R.S., Norton, D.P. (2007), Using the balanced scorecard as a strategic management system, Harvard Business Review, Best of HBR.
- 16. Moody's (2006), Bank financial strength ratings: update to revised global methodology. Special report, Moody's Investors Service.
- 17. Rappaport (1998), Creating shareholder value: a guide for managers and investors, Free Press, New York.
- 18. Ronte H. (1999), Value based management, Management Accounting, January, 38.