

ELECTRONIC WAREHOUSE RECEIPTS REGISTRY AS A STEP FROM PAPER TO ELECTRONIC WAREHOUSE RECEIPTS

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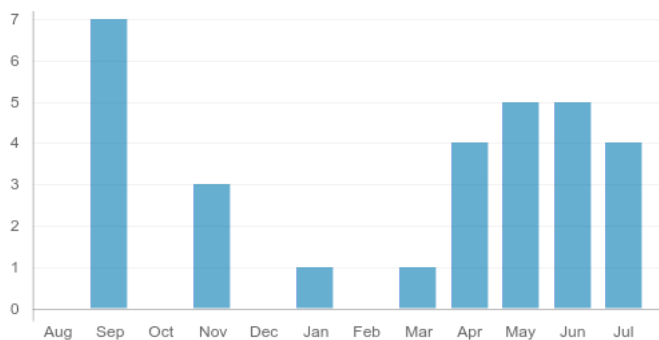
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Abstract

The aim of this paper is to determine the economic viability of the electronic warehouse receipt registry introduction, as a step toward electronic warehouse receipts. Both forms of warehouse receipt paper and electronic exist in practice, but paper warehouse receipts are more widespread. In this paper, the dematerialization process is analysed in two steps. The first step is the dematerialization of warehouse receipt registry, with warehouse receipts still in paper form. The second step is the introduction of electronic warehouse receipts themselves. Dematerialization of warehouse receipts is more complex than that for financial securities, because of the individual characteristics of each warehouse receipt. As a consequence, electronic warehouse receipts are in place for only to a handful of commodities, namely cotton and a few grains. Nevertheless, the movement towards the electronic warehouse receipt, which began several decades ago with financial securities, is now taking hold in the agricultural sector. In this paper is analysed Serbian electronic registry, since the Serbia is first country in EU with electronic warehouse receipts registry donated by FAO. Performed analysis shows the considerable impact of electronic warehouse receipts registry establishment on enhancing the security of the system of public warehouses, and on advancing the trade with warehouse receipt.

Downloads



References

1. Belozertsov, A., Rutten, L., Hollinger, F. (2011): Commodity exchange in Europe and Central Asia: A means of management of price risk, working paper No. 5, FAO/World Bank, FAO Investment Centre, Rome, p. 88, available at: www.fao.org/3/a-at655e.pdf
2. Coulter, J., Onumah, G. (2002): The role of warehouse receipt systems in enhanced commodity marketing and rural livelihoods in Africa, *Food Policy*, Vol. 27, No. 2, pp. 319-337.
3. Gashayie, A., Singh, M. (2015): Agricultural finance constraints and innovative models experience for Ethiopia: Empirical evidence from developing countries, *Research Journal of Finance and Accounting*, Vol. 6, No. 7, pp. 39-49.
4. Giovannucci, D., Varangis, P., Larson, D. (2000): Warehouse receipts: Facilitating credit and commodity markets, in: *A guide to developing agricultural markets and agro-enterprises* (Giovannucci, D. (ed)), multivolume online database, World Bank, Washington DC, USA, doc. No. 40122, pp. 1-8, available at: www-wds.worldbank.org/external/default/WDSContentServer/WDS/IB/2007/07/10/000090341_20070710160223/Rendered/PDF/401220Warehouse1Receipts01PUBLIC1.pdf
5. Hollinger, F., Rutten, L. (2009): The use of warehouse receipt finance in agriculture in ECA countries, FAO-World Bank Cooperative Programme and FAO - EBRD Cooperative Programme, technical background paper, World Grain Forum 2009, St. Petersburg, Russian Federation, p. 50, available at: www.eastagri.org/files/FAO_EBRD-WarehouseReceipt-Financing.pdf
6. IFC/WB (2013): Warehouse finance and warehouse receipt systems: A guide for financial institutions in emerging economies, International Finance Corporation, World Bank Group, Washington, D.C., USA, p. 132, available at: www.mongolbank.mn/conference/books/01.pdf, accessed: 6.4.2015.
7. Jovičić, D., Jeremić, L., Milićević, L., Zeremski, A. (2014): Warehouse receipts functioning to reduce market risk, *Economics of Agriculture*, Vol. 61, No. 2, pp. 347-365.
8. Kovačević, V., Zakić, V., Milovanović, M., Subić, J., Jeločnik, M. (2014): Public warehouse system and warehouse receipts, questionnaire, authors internal

documentation, Belgrade, Serbia.

9. Mahanta, D. (2012): Review of warehouse receipt as an instrument for financing in India, *International Journal of Scientific & Technology Research*, Vol. 1, No. 9, pp. 42-45.
10. Mirović V., Bolesnikov, D. (2013): Application of asset securitization in financing agriculture in Serbia, *Economics of Agriculture*, Vol. 60, No. 3, p. 551-564.
11. Mor, N., Fernandes, K. (2009): Warehouse receipt finance for farmers: A glimpse, *Commodity insight - Yearbook 2009, Experts views*, MCX and PricewaterhouseCoopers (PwC), Mumbai, India, pp. 42-47, available at: http://marathi.mcxindia.com/knowledgehub/commoditybook/PDF/CI_Article5.pdf accessed: 30.5.2015.
12. Shamos, M. I. (2004). Paper v. electronic voting records-an assessment, online proceedings, 14th ACM Conference on Computers, Freedom and Privacy, Berkeley, USA, available at: <http://www.cfp2004.org/cfp2004/program/materials/p12-shamos.pdf>
13. The law on public warehouses for agricultural products, *Official Gazette of the Republic of Serbia*, No. 41/09.
14. USAID (2002): Regional commodity exchange initiative, phase 1, Vol. 2, ACDI/VOCA - USAID, Belgrade, Serbia.
15. USAID (2011): Dematerialization of warehouse receipts in the commodity markets, report, USAID business enabling project, USAID, Washington, DC, p. 7, available at: www.policycafe.rs/documents/financial/research-and-publications/commodity-marketdevelopment/paper-on-warehouse-receipts-and-dematerialization.pdf, accessed: 15.4.2015.
16. Varangis, P., Larson, D. (1996): How warehouse receipts help commodity trading and financing, report, Dec-notes, No. 21 (September 1996), report No. 17856, World Bank, Washington DC, USA, p. 4, available at: <http://documents.worldbank.org/curated/en/1996/09/438898/warehouse-receipts-help-commodity-trading-financing>, accessed: 5.10.2015.
17. Vasiljević, Z., Zakić, V. (2006): Finansiranje agroprivrede Srbije u uslovima tranzicije, *Ekonomski vidici*, Vol. 11, No. 2, p. 341-352.
18. Vasiljević, Z., Zakić, V., Bojčevski, M., Kovačević, V. (2014): Importance of Establishing the Agricultural Products Storage System for Third Parties in the Function of Agribusiness System Improvement, proceedings, 9th International conference - The Role of Agricultural Economic Sciences in Agriculture and Rural Development in the Balkan Countries, Association of Agricultural Economists of Republic of Macedonia (AAEM), 24-25th April 2014, Ohrid, Macedonia, p. 317-332.
19. Zakić, V., Kovačević, V. (2012): Importance of commodity derivatives for Serbian agricultural enterprises risk management, Proceedings, International Scientific Meeting - Sustainable agriculture and rural development in terms of the Republic of Serbia strategic goals realization within the Danube Region, Tara, 6-8th December, 2012, IAE, Belgrade, pp. 907-924.
20. Zakić, V., Kovačević, V., Ivkov, I., Mirović, V., (2014): Importance of public warehouse system for financing agribusiness sector, *Economics of Agriculture*, Vol. 61, No. 4, pp. 929-943.



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