Brief information about the project

Name of the project	AP19576593 Responsible production in Kazakhstani enterprises as a tool for achieving SDG 12: assessment of potential and development prospects
Relevance	The research topic corresponds to SDG 12 "Responsible production and consumption" proposed by UN in 2015. According to UNEP, 71 countries and the European Union included the transition to responsible consumption and production as a priority in their national strategies (SDG 12.1.1. indicator). However, RPC is the least financed area among 17 SDGs in Kazakhstan (its share is only 0.2%). Responsible production provides many advantages in long-term by saving resources, reducing costs, improving product quality, meeting modern requirements of society and consumers, and increasing social responsibility.
Goal	Project goal is an analysis and assessment of the current level of responsible production in Kazakhstani enterprises and the development of recommendations to encourage the use of responsibility principles to achieve sustainable development goals.
Tasks	1. Study of the theoretical and methodological foundations of the concept of "responsible production": 2. Benchmarking of foreign experience in the development of responsible production at enterprises: 3. Analysis of the current state and prospects for the development of responsible production in Kazakhstani enterprises using qualitative and quantitative research methods. 4. Study of individual cases from domestic practice by regions of Kazakhstan: 5. Development of recommendations on stimulating responsible production at Kazakhstani enterprises. 6. Development of educational cases and materials for dissemination of research results.
Expected and achieved results	1. The theoretical and methodological foundations of the concept of responsible production are considered and a comparative analysis with other concepts is carried out. The study included a review of international and domestic literature, and an analysis of global trends in the development of responsible production principles. 2. An analysis of various models and tools for the development of responsible production based on international experience is carried out. A review of corporate practices and government regulatory programs in developed countries is conducted. Using the benchmarking method, indicators used to assess the level of responsibility in production are identified. 3. The level of implementation of responsible production principles at Kazakhstani manufacturing enterprises is empirically assessed. As a result of the survey and analysis of secondary data, the features of the activities of domestic enterprises in the field of environmental protection, resource efficiency and social responsibility are revealed. 4. Cases are prepared based on specific examples of enterprises. The experience of 16 domestic and foreign companies is considered and their activities in the field of responsible production are described. These cases cover aspects of bringing production processes in line with environmental protection requirements, increasing social responsibility and implementing sustainable development strategies. 5. Recommendations for the development of responsible production have been developed. Recommendations at the state level include issues of financing, regulatory mechanisms, and areas of human capital development. Recommendations have been developed for enterprises on the implementation of an environmental strategy, increasing employee participation, and developing sustainable production skills.
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Publications list with links to them	*Articles published in a journal indexed in Scopus:* 1. Zhidebekkyzy, A., Temerbulatova, Zh., Kotaskova, A., & Németh, P. (2024). Catalysing responsible production: Evaluating the impact of EPR system on manufacturing enterprises. Journal of International Studies, 17(2), 178-190. http://dx.doi.org/10.14254/2071-8330.2024/17-2/9 (Scopus CiteScore – 89 процентиль) https://jois.eu/?884,en_catalysing-responsible-production-evaluating-the-impact-of-epr-system-on-manufacturing-enterprises 2. Zhidebekkyzy, A., Moldabekova A., Bilan, Y. (2025). Responsible production in Kazakhstan's manufacturing sector: An empirical assessment of environmental, operational, and social drivers. Environmental Economics, *16*(2), 119-133. http://dx.doi.org/10.21511/ee.16(2).2025.09 (Scopus CiteScore – 89 процентиль) https://www.businessperspectives.org/index.php/journals/environmental-economics/issue-490/responsible-production-in-kazakhstan-s-manufacturing-sector-an-empirical-assessment-of-environmental-operational-and-social-drivers *Articles published in journals recommended by the CQASHE MSHE RK:* 1. Kalmakova D., Moldabekova A., Amangeldiyeva B. (2023). Decoupling economy from natural resources consumption and environmental pressure: analysis of Kazakhstani case. Journal of Economic Research & Business Administration, Vol. 145 No. 3.57-73 p. https://doi.org/10.26577/be.2023.v145.i3.06 https://be.kaznu.kz/index.php/math/article/view/2702 2. Zhidebekkyzy, A., Kalmakova, D., & Kotaskova, A. (2024). Responsible Production: A Systematic Review and Future Research Directions. Eurasian Journal of Economic and Business Studies, 68(2), 50–73. https://doi.org/10.47703/ejebs.v68i2.380 https://ejebs.com/index.php/main/article/view/380 3. Zhidebekkyzy, A., & Amangeldiyeva, B. (2025). The Influence of Economic and Environmental Factors on the Adoption of Responsible Production Standards. Eurasian Journal of Economic and Business Studies, 69(1), 97–110. https://doi.org/10.47703/ejebs.v69i1.477 https://ejebs.com/index.php/main/article/view/477
Patent information	-