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Standardization in the Field of the Circular Economy: Analysis of Global Practice & Proposals for Development

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key words

secondary resources, raw materials, waste disposal, functional economy, industrial symbiosis

Despite the fact that the circular economy concept has started to develop several decades ago, there is still a lack of data on the tools for the concept practical implementation. Of course, there are certain well-researched aspects of the circular economy, such as ecodesign or labelling. However, such important elements as criteria, measurements, quality control, as well as methods and tools for the transition to the circular economy are not sufficiently disclosed in terms of standardization. The manuscript presents the results of a study of both developed and at various stages of development (or approval) of standards for the circular economy. Based on this study, the manuscript formulates proposals for the implementation of the principles of the circular economy in the standardization system of the Russian Federation, as well as possible ways for the development of a series of standards directly for the circular economy.

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