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An assessment of the efficiency of the information system of design-and-survey organizations based on the analysis of the information capacity of projects implemented

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Abstract

The article features an analysis of the global and Russian construction markets and reflects the place of design-and-survey organizations in the development of this industry. Relying on the findings of a critical analysis of existing approaches to analyzing information costs, the authors bring forward a methodology for assessing the efficiency of the information system of a design-and-survey organization based on the analysis of the information capacity of projects implemented. The article introduces the term "information capacity". The authors have worked out a classification for information costs arising in developing a project. The testing of the methodology was conducted through the example of the activity of the design-and-survey organization JSC Institute "Kazan Promstroiprojekt" (The Republic of Tatarstan (the Russian Federation)). The authors have brought forward recommendations on boosting the efficiency of the organization's information system. © IDOSI Publications, 2014.

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Keywords

Design-and-survey organizations, Information costs, Information system, The construction sector